Canada's Hidden Cell Phone Scandal What government does not want to tell us

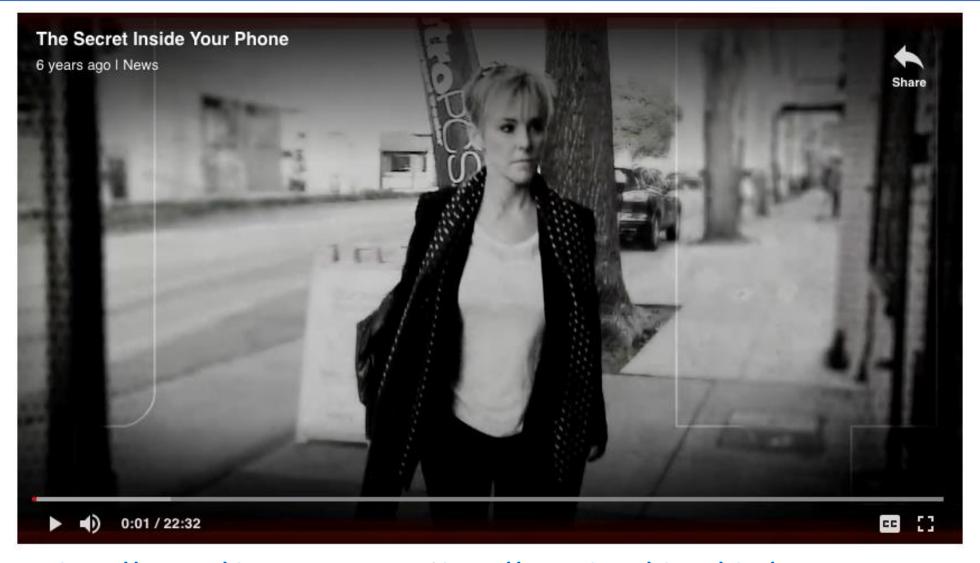
Presented by Sharon Noble
Canadian Representative Phonegate
at
Canadians for Safe Technology Public Meeting
March 28, 2023





CBC documentary tv show (6 years ago) Marketplace with Wendy Mesley:

"The Secret Inside Your Phone"





Timeline

2019

AUGUST Chicago Tribune article by Sam Roe: cell phone testing, some exceeded USA FCC standards

2020

MAY France banned Razer 2, gaming phone

JULY 18th Email asking Health Canada re *Radiation Emitting Devices Act* and enforcement

AUGUST 21st Email asking ISED for results of cell phone testing

NOVEMBER 1st Submitted freedom of information request re cell phone audits

2022

MARCH 25th Received from ISED the initial (incomplete) report on 90 phones tested 2015/16 to 2020/21

MARCH 25th Asked ISED for more information re testing, e.g., distance from body, health assessments

MAY 24th Received from Health Canada their health impact assessment protocol and

admission that ICNIRP* is basis for determining safety

JUNE 8th Received from ISED second report with distances used for testing

AUGUST 4th Asked ISED about testing for other wireless devices, wi-fi, tablets, fitbits, etc.

2023

MARCH 13th Received from ISED first health impact assessment for one cell phone model

* ICNIRP: International Commission on Non-ionizing Radiation Protection



July 2020 First question to Health Canada

Safety Code 6 limit: SAR: Body 1.6 W/kg

MY QUESTION: To Health Canada regarding France's Phonegate

"Health Canada also administers the *Radiation Emitting Devices Act* (REDA), which governs the sale, lease and importation of radiation emitting devices in Canada. The *Radiation Emitting Device Regulations* set out radiation safety standards for labelling, construction and performance for certain classes of radiation emitting devices; these are the prescribed "standards" referred to in paragraph 4(a) of the Act, which deals with prohibitions."

"In France and in the U.S., hundreds of cell phones were found to exceed the 2.0W/kg limits by many times. In France, many of these cell phones were withdrawn from the market and those in use were recalled. Health Canada's Safety Code 6 limit is stricter than France's, yet many of the cell phones found to have exceeded Canada's SAR limit, for example the Razer Phone 2, are still being used and sold in Canada. Can you please explain why the *Radiation Emitting Devices Act* has not been enforced by ISED with regard to these devices?"

REPLY: July 29, 2020 from Brian Ahier, Health Canada

"Please note there are no standards applicable to cell phones or other wireless communication devices under the *Radiation Emitting Devices Regulations*."

November 2020 Freedom of Information Request

Safety Code 6 limit: SAR: Body 1.6 W/kg

MY INFORMATION REQUEST

under the Access to Information and Privacy Act

"I am requesting audit reports for the last 5 years with results on cell phones' tested limits. I would like the following information:

- Was the phone provided directly by the manufacturer or was it 'off the shelf'?
- Manufacturer and model of the phone tested
- Emission levels found
- If the SAR exceeded 1.6 W/kg, what actions, if any, were taken?"



What is the limit for cell phone emissions?

Safety Code 6 limit: SAR: Body 1.6 W/kg

MY QUESTION to ISED: What is the safety threshold for cell phone emissions?

ISED Statement, March 16, 2021:

"As previously communicated, Health Canada's scientific evidence clearly indicates that the recommended SAR limit of 1.6 W/kg for portable devices, including cell phones, is not the threshold for the occurrence of adverse health effects. As a precautionary measure, the SAR limit in Health Canada's Safety Code 6 was set to more than 50 times below the level at which excessive tissue heating could occur in the most sensitive tissue (the eye).

"Experimental studies have demonstrated that a SAR level of 100 W/kg for 10 gram of tissue as the threshold for adverse health effects (eye tissue damage in animals). A safety factor of 50 is applied to this threshold, defining a SAR limit of 2 W/kg for 10 gram of tissue."



March 2022 ISED - Cell phone test results (Initial report)

Safety Code 6 limit: SAR: Body 1.6 W/kg

Year	Manufacturer	Model	lic .	MaxSAR	Limit Averaging May	a Amesyment 1	Type Sample Source	e Compliant	Non-compliance re	neultion steps							SONY MOBILE COMMUNICATIONS Inc.	1		Hoad: 0.615 W/kg Body: 0.975 W/kg	Head: 1.6 W/kg						
				Head: 0.667 W/Ng	Head: 1.6 W/kg Head: 1g											2018/2019	SONY MOBILE COMMUNICATIONS Inc.	HR314	41708-32042C	Body: 0.976 W/kg Hoad: 0.711 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g	SAR	Off the shelf	Tes		
2015/2016	Huawei Technologies Co., Ltd.	V330-U05	6369A Y330U05	Body: 1.202 W/kg Head: 0.636 W/kg	Body: 1.6 W/kg Body: 1g Head: 1.6 W/kg Head: 1g	SAR	Manufacturer	Yes								2018/2019	ASUSTEK COMPUTER INC.	ASUS_X0170A	3568A-X017DA	Body: 1.41 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes		
2015/2016	HTC Corporation	OPIA110	4115A-OPIA110	Body: 2.281W/kg	Body: 1.6 W/kg Body: 1g	SAR	Manufacturer	Yes								2018/2019	By City Madely	541	111514-541	Head: 0.556 W/Ng Body: 0.679 W/Ng	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1e	SAR	Off the shelf	No.		
2015/2016			17546-EM9510	Head: 0.922 W/kg Body: 0.747 W/kg	Head: 1.6 W/kg Head: 1g Body: 1.6 W/kg Body: 1g		Manufacturer													Head: 0.548 W/kg	Head: 1.6 W/kg	Head: 1g					
2015/2016	Acer Incorporated	3510	1754F-EMSS10	Head: 0.747 W/kg	Head: 1.6 W/kg Head: 1g	SAR	Manufacturer	Yes	_							2018/2019	HMD Slobel Oy	TA-1016	23070 TA1016	Body: 1.300 W/kg Head: 0.292 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg		SAR	Off the shelf	Yes		
2015/2016	CT Asia	Neo 4.5	11492A-NED45	Body: 1.528 W/kg	Body: 1.6 W/kg Body: 1g	SAR	Manufacturer	Yes								2018/2019	TCL Communications Ltd.	BBA100-1	9238A-0080	Body: 1.19 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes		
2015/2016	Motorola Mobility LLC	VT1563	1090 THEUR2	Head:0.775W/kg Body:1.599W/kg	Head: 1.6 W/kg Head: 1g Body: 1.6 W/kg Body: 1g	SAB	Manufacturer	Yes								2018/2019	LG ELECTRONICS INC	INVATIONAM	2700C X510WM	Head: 0.586 W/kg Body: 0.727 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg		140	Off the shelf			
2015/2016	ZTE Corporation	2850	5200E-2850	Body: 1.553W/kg	Body: 1.6 W/kg Body: 1g	SAR	Off the shelf	Yes												Head: 0.975 W/fvg	Head: 1.6 W/kg	Head: 1g	1000				
2016/2017	Bullitt Mobile		11151A-560	Head: 0.953 W/kg Body: 1.091 W/kg	Head: 1.6 W/kg Head: 2g		Manufacturer									2018/2019	TCL Communications Ltd.	5099A	9238A-0092	Body: 1.05 W/kg Head: 0.557 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg		SAR	Off the shelf	Yes		
2016/2017	BUILD MODILE	540	11151A-540	Head: 0.839 W/kg	Body: 1.6 W/kg Body: 1g Head: 1.6 W/kg Head: 1g	SAR	Manufacturer	res	_							2018/2019	LG ELECTRONICS INC	LG-88470	2708C-M470	Body: 1.02 W/kg	Body: 1.6 W/kg		SAR	Off the shelf	Yes		
2016/2017	Huawei Technologies Co., Ltd.	H1511	6369A H1511	Body: 1.537 W/kg	Body: 1.6 W/kg Body: 1g	SAR	Manufacturer	Yes											92383-0964	Head: 0.508 W/Ng Body: 0.662 W/Ng	Head: 1.6 W/kg						
2016/2017	Sony Mobile Communications Inc.	56653	41708-PM0900	Head: 0.575 W/Ng Body: 0.673 W/Ng	Head: 1.6 W/kg Head: 1g Body: 1.6 W/kg Body: 1g	510	Manufacturer									2018/2019	TCL Communications Ltd.	40449	9238A-0064	Head: 0.361 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg	Head: 1g	SAR	Off the shelf	Tes		
2016/2017	Kyocera Communications, inc.	E4710C	3572A-E4710	Body: 0.847 W/kg	Body: 1.6 W/kg Body: 1g	SAR	Manufacturer									2018/2019	TCL Communications Ltd.	88F100-2	9238A-0085	Body: 1.23 W/kg	Body: 1.6 W/kg		SAR	Off the shelf	Yes		
				Head: 0.705 W/kg Body: 0.943 W/kg	Head: 1.6 W/kg Head: 1g			- I								2018/2019	ASUSTHIC COMPUTER INC.	ASUS X0180	3568A-X0180	Head: 0.262 W/kg Body: 1.01 W/ke	Head: 1.6 W/kg Body: 1.6 W/kg		SAR	Off the shelf	Tes		
2016/2017	Hi-P Electronics Pte Ltd	H450K	20303-H450R	Head: 0.631 W/kg	Body: 1.6 W/kg Body: 1g Head: 1.6 W/kg Head: 1g	SAR	Off the shelf	Yes	_											Head: 0.247 W/kg	Head: 1.6 W/kg	Head: 1g					
2016/2017	OnePlus Technology (Shenzhen) Co., Lt	d. ONEPLUS A3000	12739A-A3000	Body: 0.977W/kg	Body: 1.6 W/kg Body: 1g	SAR	Manufacturer	Yes								2018/2019	OnePlus	A6003	12735A-A6003	Body: 1.140 W/kg Head: 0.262 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg		SAR	Off the shelf	Yes		
2016/2017	Bullitt Mobile	ren	111516-560	Head: 0.245W/kg Body: 0.394 W/kg	Head: 1.6 W/kg Head: 1g Body: 1.6 W/kg Body: 1g	ran	Manufacturer	. No.								2018/2019	Samsung Electronics Co., Ltd.	SM-AS30W	649E-SMA530W	Body: 0.952 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes		
201022017	BUILD MICHIE	360	1113124300	Head: 0.66 W/kg	Head: 1.6 W/kg Head: 1g	1340	poserrur action ex	IIE.								2018/2019	LG BLECTRONICS INC	UM-Q710WA	2700C-Q710WA	Head: 0.227 W/kg Body 1.020 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg		100	Off the shelf			
2016/2017	Acer Incorporated	2410	1754F-DMZ410	Body: 0.92 W/kg	Body: 1.6 W/ke Body: 1e	SAR	Off the shelf	Yes								2004/2019	LG LLECTRONICS INC	UM-Q/10WA	Z/03C-Q/10WA	8009 1.020 W/Ng	804y: 1.6 W/Ng	Body: 1g	SAR	Off the shelf	Tes	_	
2016/2017	Jethro Trading LTD.	50628	11350A-50628	Body 1.43 V																							
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				Head: 1.364																							
2016/2017	LG ELECTRONICS INC.	LG-K210	2703C-K210	Body: 1.130			~ (_													
2016/2017	LG ELECTRONICS INC. ZTE Corporation	LG-K210 2828	2703C K210 5200E-2828	Body: 1.130 Head: 0.771 Body: 1.348		4	74	: n	Ω	n h		•	. (o ,		40	100 1		_	00 K	.1:	~ ~	.+				
2017/2018	ZTE Corporation	2828	52000-2828	Body: 1.130 Head: 0.771 Body: 1.348 Head: 0.615			O f	q	n	nh	O r	100	: 5	2 1	M/A	r	nor	1 -C	\bigcirc	mr	di	ar	١t				
		LG-1210 2828 G-2PW2200		Body: 1.130 Head: 0.771 Body: 1.348 Head: 0.615			Of	9	0	ph	or	1es	s. 8	8 1	we	re	nor	1-C	OI	mr	di	ar	nt.				
2017/2018	ZTE Corporation	2828	52000-2828	Body: 1.130 Head: 0.771 Body: 1.348 Head: 0.615 Body: 1.126 Head:0.744 Body:1.146			Of	9	0	ph	Oľ	nes	5, 8	8 1	we	re	nor	1-C	OI	mp	oli	ar	nt.				
2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samising Electronics Co, Ltd	2828 G-2PW2100	5200E-2828 4115A-G2PW2100 649E-SBAR520W	Body: 1.130 Head: 0.771 Body: 1.348 Head: 0.615 Body: 1.126 Head: 0.764 Body: 1.126 Head: 0.764 Head: 0.706			Of	9	0	ph	Oľ	nes	5, 8	8 1	we	re	nor	1-C	OI	mp	oli	ar	nt.				
2017/2018 2017/2018	ZTE Corporation HTC Corporation	2828 G-2PW2100	5200E-2828 4115A-G2PW2100	Body: 1.130 Head: 0.771 Body: 1.348 Head: 0.615 Body: 1.126 Head:0.744 Body:1.146					0	ph	Oľ	nes	5, 8	8 ۱	we	re	nor	1-C	OI				nt.				
2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samising Electronics Co, Ltd	2828 G-2PW2100	5200E-2828 4115A-G2PW2100 649E-SBAR520W	Body: 1.190 Head: 0.771 Body: 1.148 Head: 0.615 Body: 1.126 Head: 0.615 Head: 0.764 Body: 1.146 Head: 0.705 Body: 1.338 Head: 0.700 Body: 1.452 W/kg	Body 16 W/NE Body 16	SAR	Of the shelf		0	ph	Or	1es	5, 8	8 v	we	re		1-C	1	Head: 1.470 W/kg	Hoad: 1.6 W/kg	Head: 1g	nt.		To a		
2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samsung Electronics Co, Ltd BLU Products, Inc.	2828 G-2PW2100	5200E-2828 4115A-G2PW2100 649E-5MAS20W 11492A-R1PLUS	Body: 1.130 Head: 0.771 Body: 1.148 Head: 0.615 Body: 1.124 Head: 0.744 Body: 1.146 Head: 0.205 Body: 1.38 Head: 0.970	Body 1.6 W/Ng Body 1g Head 1.6 W/Ng Head 1g Body 1.6 W/Ng Body 1g	SAR SAR			0	ph	O	nes	5, 8	8 ۱	we		nor	1	OI	Head: 1.470 W/kg Body: 0.836 W/kg Head: 0.436 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg	Head: 1g Body: 1g Head: 1g	nt.	Off the shelf	Yes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samurag Electronics Co. Ltd BLU Products. Inc. Mobiler Mobile ASUSTER COMPUTER INC.	2828 G-29W2300 SM-AS20W RL Plus A400	\$2006-2828 4115A-G3PW2100 6-8E-SMAS2OW 11492A-81PLUS 20165-A400 3568A-2018DC	Body: 1.130 Head: 0.771 Body: 1.1840 Head: 0.515 Body: 1.124 Head: 0.515 Body: 1.124 Head: 0.764 Body: 1.146 Head: 0.767 Body: 1.318 Head: 0.767 Body: 4.62 W/Rg Body: 6.664W/kg Body: 6.664W/kg	Head: 1.6 W/lig Head: 1g Body: 1.6 W/lig Body: 1g Head: 1.6 W/lig Head: 1g	SAR SAR	Off the shelf		0	ph	O	1es	5, 8	8 1	we	2009/2020	SAMSUNG ELECTRONICS CO. LTD	SM AGOSW	1	Head: 1.470 W/kg Body: 0.836 W/kg Head: 0.436 W/kg Body: 1.23 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g Head: 1g Body: 1g	nt.	Off the shelf	Yes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samulan Electronics Co, Ltd BLU Products, Inc. Mobiler Mobile	2828 G-29W2300 SM-AS20W RL Plus A400	\$2006-2828 4155-629W2100 6-96-5MAS20W 11492A-819LUS 20165-A400	Body: 1.130 Head 0.771 Body: 1.348 Head: 0.513 Body: 1.124 Head: 0.513 Head: 0.744 Body: 1.146 Head: 0.750 Body: 1.452 What Head: 0.750 Body: 1.452 What Head: 0.477 Head: 0.477 Head: 0.477 Body: 1.452 Head: 0.477 Head: 0.4	Heaft 1.6 W/kg Heaft 1g Body: 1.6 W/kg Body: 1g Heaft 1.6 W/kg Heaft 1g Body: 1.6 W/kg Body: 1g	SAR SAR SAR	Off the shelf		0	ph	Or	1es	5, 8	3 v	we	2009/2020	SAMSUNG ELECTRONICS CO. LTD Motorola Mobility LLC	5M-AS05W XT1962-1	6496 SAASOSU 1090 TS6XP1	Hoad: 1.470 W/Ng Body: 0.816 W/Ng Hoad: 0.436 W/Ng Body: 1.21 W/Ng Limb: 2.84 W/Ng Hoad: 0.434 W/Ng	Hoad: 1.6 W/kg Body: 1.6 W/kg Hoad: 1.6 W/kg Body: 1.6 W/kg Limb: 4 W/kg Hoad: 1.6 W/kg	Head: 1g Body: 1g Head: 1g Body: 1g Limb: 10g Head: 1g	nt.	Off the shelf	Yes Yes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samurag Electronics Co. Ltd BLU Products. Inc. Mobiler Mobile ASUSTER COMPUTER INC.	2828 G-29W2300 SM-AS20W RL Plus A400	\$2006-2828 4115A-G3PW2100 6-8E-SMAS2OW 11492A-81PLUS 20165-A400 3568A-2018DC	Body: 1.130 Head: 0.771 Body: 1.1840 Head: 0.515 Body: 1.124 Head: 0.515 Body: 1.124 Head: 0.764 Body: 1.146 Head: 0.767 Body: 1.318 Head: 0.767 Body: 4.62 W/Rg Body: 6.664W/kg Body: 6.664W/kg	Head: 1.6 W/lig Head: 1g Body: 1.6 W/lig Body: 1g Head: 1.6 W/lig Head: 1g	SAR SAR SAR	Off the shelf	Yes Yes Yes	0	ph	O	1es	5, 8	3 v	we	2009/2020	SAMSUNG ELECTRONICS CO. LTD	SM AGOSW	649E-SMASOSU	Hoad: 1.470 W/Ng Body: 0.436 W/Ng Hoad: 0.456 W/Ng Body: 1.23 W/Ng Link: 2.84 W/Ng Hoad: 0.494 W/Ng Body: 0.935 W/Ng	Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Limbr 4 W/kg Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body 1g Head: 3g Body 1g Limb: 10g Head: 1g Body: 1g	nt.	Off the shelf	Tes Tes Tes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation NTC Corporation Samoung Electronics Co., Etd BLU Products, Inc. Mobilisher Mobile ASSUTICE COMPUTER INC. Signit Mobile Haswel Technologies Co., Ltd.	2828 G-29W2300 SM-AS20W RL Plus A400	\$3006-2828 4115A-GJPW2100 6406-58A6320W 11492A-819LU5 20165-A400 3568A-20180C 13600A-U620 6369A-VTRL09	Body: 1.130 Heart 0.771 Body: 1.146 Heart 0.771 Body: 1.146 Heart 0.615 Body: 1.146 Body: 1.146 Body: 1.147 Body:	Headt 1.6 W/Ng Headt 1g Body: 1.6 W/Ng Body: 1g Headt 1.6 W/Ng Headt 1g Body: 1.6 W/Ng Headt 1g Headt 1.6 W/Ng Headt 1g Body: 1.6 W/Ng Body: 1g Headt 1.6 W/Ng Headt 1g Headt 1.6 W/Ng Headt 1g	SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer	Yes Yes Yes	0	ph	O	nes	5, 8	8 1	we	2009/2020	SAMSUNG ELECTRONICS CO. LTD Motorola Mobility LLC	5M-AS05W XT1962-1	6496 SAASOSU 1090 TS6XP1	Hoad: 1.470 W/Ng Body: 0.816 W/Ng Hoad: 0.436 W/Ng Body: 1.21 W/Ng Limb: 2.84 W/Ng Hoad: 0.434 W/Ng	Hoad: 1.6 W/kg Body: 1.6 W/kg Hoad: 1.6 W/kg Body: 1.6 W/kg Limb: 4 W/kg Hoad: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g Head: 1g Body: 1g Limb: 10g Head: 1g Body: 1g Head: 1g Body: 1g	nt.	Off the shelf	Yes Yes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation HTC Corporation Samoung Electronics Co., Ltd BLU Products, Inc. Mobileire Mobile ASSISTEK COMPUTER INC. Signif Mobile	2828 G-29W2300 SM-AS20W RL Plus A400	\$2004-2828 4115A-G2PW2100 649E-5MAS20W 11492A-81PLUS 20165-A400 3568A-20180C 10600A-U620	Body 1.130 Healt 0.771 Body 1.146 Healt 0.751 Body 1.146 Healt 0.751 Body 1.146 Healt 0.750 Body 1.156 Healt 0.750 Body 1.150 Healt 0.750 Body 1.852 W/lig Healt 0.457 W/lig Healt 0.557 W/lig	Headt 1.6 W/Ng Headt 1g Body: 1.6 W/Ng Body: 1g Headt 1.6 W/Ng Headt 2g Body: 1.6 W/Ng Headt 2g Body: 1.6 W/Ng Headt 1g Body: 1.6 W/Ng Headt 2g Headt 1.6 W/Ng Headt 2g Headt 1.6 W/Ng Headt 2g Body: 1.6 W/Ng Body: 1g	SAR SAR SAR SAR	Off the shelf Off the shelf	Yes Yes Yes	0	ph	or	nes	5, 8	8 v	we	2009/2020	SAMSUNG ELECTRONICS CO. LTD Motorola Mobility LLC	5M-AS05W XT1962-1	6496 SAASOSU 1090 TS6XP1	Head: 1.470 W/Ng Body: 0.836 W/Ng Head: 0.436 W/Ng Body: 1.23 W/Ng Limit: 2.38 W/Ng Head: 0.484 W/Ng Head: 0.188 W/Ng Head: 0.188 W/Ng Head: 0.188 W/Ng Limit: 2.59 W/Ng	Hoad: 1.6 W/Rg Body: 1.6 W/Rg Hoad: 1.6 W/Rg Body: 1.6 W/Rg Limb: 4 W/Rg Hoad: 1.6 W/Rg Body: 1.6 W/Rg Body: 1.6 W/Rg Limb: 4 W/Rg	Head: 1g Body: 1g Head: 2g Body: 1g Limb: 10g Head: 3g Body: 1g Head: 1g Body: 1g Limb: 10g	nt.	Off the shelf	Ves Ves Ves		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Corporation NTC Corporation Samoung Electronics Co., Etd BLU Products, Inc. Mobilisher Mobile ASSUTICE COMPUTER INC. Signit Mobile Haswel Technologies Co., Ltd.	2828 G-29W2300 SM-AS20W RL Plus A400	\$3006-2828 4115A-GJPW2100 6406-58A6320W 11492A-819LU5 20165-A400 3568A-20180C 13600A-U620 6369A-VTRL09	Sody: 1.100 Warnell G.772 Body: 1.548 Weed G.G12 Body: 1.148 Warnell G.G12 Body: 1.146 Warnell G.G13 Body: 1.146 Warnell G.G15 Body: 1.146 Warnell G.G15 Body: 1.152 Warnell G.G2 Willia Warnell G.G2 Willia Warnell G.G3 Willia W	Front 1.6 W/V/kg Hoods 1g Body 1.6 W/V/kg Body 1g Hoods 1.6 W/V/kg Hoods 2g Body 1.6 W/V/kg Hoods 2g Body 1.6 W/V/kg Hoods 1g Body 1.6 W/V/kg Hoods 1g Body 1.6 W/V/kg Hoods 1g Hoods 1.6 W/V/kg Hoods 1g	SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer	Yes Yes Yes Yos Yes Yes	0	ph	O	nes	5, 8	3 1	we	3009/2020 3009/2020 2009/2020	SAMSUNG ELECTRONICS CO. LTD Motorala Mobility LLC ZTC Corporation	SM AGOOW XT2962-1 25578L	64H-5MA50SU 1090-T56KP1 52006-2557BL	Hoad: 1.470 W/kg Body: 0.136 W/kg Hoad: 0.436 W/kg Body: 1.23 W/kg Lines: 2.64 W/kg Body: 0.925 W/kg Hoad: 0.188 W/kg Body: 0.925 W/kg Hoad: 0.188 W/kg	Hoad: 1.6 W/kg Body: 1.6 W/kg Hoad: 1.6 W/kg Body: 1.6 W/kg Limb: 4 W/kg Hoad: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg	Head: 1g. Body: 1g. Head: 1g. Body: 1g. Links: 10g. Head: 1g. Body: 1g. Head: 1g. Body: 1g. Head: 1g. Head: 1g. Head: 1g.	tar	Off the shelf Off the shelf	Tes Tes Tes Tes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTE Carporation HTC Carporation Samurag Bentronics Co, Edd Bit Products, Inc. Middler Modifie Modifier	2828 G-29W2300 SM-AS20W RL Plus A400	\$2006-2828 4135A-GJPW2100 6406-58A6320W 11492A-839LU5 20165-8400 3568A-20180C 10600A-UR20 6409A-VTRL09 9238A-0063	Soly: 1.130 Warst 0.77; Soly: 1.146 West 0.51; Soly: 1.146 West 0.51; Soly: 1.146 West 0.51; Soly: 1.146 West 0.146 West 0.146	Front 1.6 V/V/gs	SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Memufacturer	Yes Yes Yes Yos Yes Yes	0	ph	O	nes	5, 8	3 v	we	300%/2020 200%/2020 200%/2020 200%/2020	SAMSUNG ELECTRONICS CO. LTD Motorvilla Mobility LEC ZTE Corporation LG ELECTRONICS INC HMO Giobal Oy	SAR ASSOW XT3962-1 25578L UM-G720AWAR TA-1036	649E-58AA505U 1090-T56KP3 5200E-2557BL 2700E-G710AWM 23070-TALOM	Head: 1,470 W/Ng Body: 0,838 W/Ng Head: 0,456 W/Ng Limb: 2,34 W/Ng Limb: 2,34 W/Ng Limb: 2,34 W/Ng Body: 0,935 W/Ng Head: 0,388 W/Ng Head: 0,388 W/Ng Head: 0,388 W/Ng Head: 0,586 W/Ng Head: 0,556 W/Ng Head: 0,556 W/Ng Head: 0,556 W/Ng Head: 0,556 W/Ng	Head: 1.6 W/Ng Body: 2.6 W/Ng Body: 2.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Body: 1.6 W/Ng Limb: 4 W/Ng Head: 1.6 W/Ng	Head: 18 Body: 18 Head: 18 Body: 18 Links: 10g Head: 18 Body: 18 Links: 10g Head: 18 Body: 18 Links: 10g Head: 18 Body: 18 Links: 10g Head: 18 Links: 10g Head: 18 Links: 10g Head: 18 Links: 10g Head: 18 Links: 10g Head: 18	tan	Off the shelf Off the shelf Off the shelf Off the shelf	Tens Tens Tens Tens Tens Tens		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	JTI Carporation HTC Carporation Semunag Gentrolic Co., Ltd Millshire Mallel AduStinc CoMPUTER INC. Signif Mallel Hasanii Technologies Co., Md. TC. Communication to Ltd Televisi Millshire to Ltd SAMSUNG ELECTRONICS CO. Ltd. SAMSUNG ELECTRONICS CO. Ltd.	2808 G-3PW2300 384.4520W 88.Frus A400 A5US 2008DC UR20 UVTR 409 40055A A60G S94.G380W	\$2006 2828 4115A G2PW2100 6-89 586A520W 11492A R3PLU5 20165 A400 3568A 2018DC 10600A U620 6-969A VTRL09 9238A 0063 22079 4406	Sody: 1.300 New J. 1300 New J.	Next 1.4 W/Wg	SAR SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Mernfacturer Off the shelf	Yes Yes Yes Yos Yes Yes	0	ph	or	nes	5, 8	3 v	we	2019/2020 2019/2020 2019/2020 2019/2020	SAMSUNG ELECTRONICS CO. LTD Motorala Mobility LLC ZTE Carporation LG RECTRONICS INC	SAA AGOSW XT3962-1 20578L UA-G72QAWAM	649E-SMASOSU 109O-TS6XP3 5200E-2557BL 2700C-G710AWM	Head: 1.470 W/Ng Body: 0.816 W/Ng Head: 0.416 W/Ng Head: 0.416 W/Ng Body: 2.25 W/Ng Head: 0.416 W/Ng Body: 0.915 W/Ng Head: 0.188 W/Ng Body: 0.915 W/Ng Head: 0.185 W/Ng Head: 0.185 W/Ng Head: 0.185 W/Ng Head: 0.185 W/Ng	Head: 1.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng	Head: 1E Body: 1E Body: 1E Body: 1E Limb: 10g Head: 1E Body: 1E Limb: 10g Head: 1E Body: 1E Limb: 10g Head: 1E Body: 1E Limb: 10g Head: 1E Body: 1E Limb: 10g	out.	Off the shelf Off the shelf Off the shelf	Yes Yes Yes Yes Yes Yes		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	ZTI Carparation artic Composition Seminary Gentralist Co. Ltd Majorium Malife Adultina Conference Signif Madile Adultina Conference Signif Madile TCI Communication Co. Ltd TCI Communication Co. TCI Co.	2808 G-3PW2300 384.4520W 88.Frus A400 A5US 2008DC UR20 UVTR 409 40055A A60G S94.G380W	\$2006 2828 4115A G2PW2100 6-89 586A520W 11492A R3PLU5 20165 A400 3568A 2018DC 10600A U620 6-969A VTRL09 9238A 0063 22079 4406	Body 1.130 Wareful 0.772 Body 1.146 Weed 0.051 Body 1.146 Weed 0.052 Body 1.146 Wareful 0.05 Body 1.146 Body 1.146 Body 1.150 Body 1.	Front 1.6 Volving Soft-12 (1992) (199	SAR SAR SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Memufacturer	Yes Yes Yes Yos Yes Yes	0	ph	O	nes	5, 8	8 v	we	300%/2020 200%/2020 200%/2020 200%/2020	SAMSUNG ELECTRONICS CO. LTD Motorvilla Mobility LEC ZTE Corporation LG ELECTRONICS INC HMO Giobal Oy	SAR ASSOW XT3962-1 25578L UM-G720AWAR TA-1036	649E-58AA505U 1090-T56KP3 5200E-2557BL 2700E-G710AWM 23070-TALOM	Head: 1.470 W/Ng Body: 0.816 W/Ng Head: 0.416 W/Ng Head: 0.416 W/Ng Body: 2.25 W/Ng Head: 0.416 W/Ng Body: 0.915 W/Ng Head: 0.188 W/Ng Body: 0.915 W/Ng Head: 0.185 W/Ng Head: 0.565 W/Ng Head: 0.565 W/Ng Head: 0.565 W/Ng Head: 0.565 W/Ng Head: 0.565 W/Ng Head: 0.565 W/Ng	Head: 1.6 W/Ng Body: 2.6 W/Ng Body: 2.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Body: 1.6 W/Ng Limb: 4 W/Ng Head: 1.6 W/Ng	Head: 16 Sody: 16 Head: 32 Sody: 16 Head: 32 Sody: 16 Head: 16 Sody: 16 Head: 16 Hea	SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf	705 705 705 705 705 705 705		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	JTI Carporation HTC Carporation Semunag Gentrolic Co., Ltd Millshire Mallel AduStinc CoMPUTER INC. Signif Mallel Hasanii Technologies Co., Md. TC. Communication to Ltd Televisi Millshire to Ltd SAMSUNG ELECTRONICS CO. Ltd. SAMSUNG ELECTRONICS CO. Ltd.	2808 G-3PW2300 384.4520W 88.Frus A400 A5US 2008DC UR20 UVTR 409 40055A A60G S94.G380W	\$2006 2828 4115A G2PW2100 6-89 586A520W 11492A R3PLU5 20165 A400 3568A 2018DC 10600A U620 6-969A VTRL09 9238A 0063 22079 4406	Sody: 1.300 New J. 1300 New J.	Next 1.4 W/Wg	SAR SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Mernfacturer Off the shelf	Yes Yes Yes Yos Yes Yes	0	ph	Or	nes	5, 8	8 1	we	2018/2020 2018/2020 2018/2020 2018/2020 2018/2020 2018/2020	SAMSUNG ELECTRONICS CO. LTD Motorala Mobility LLC ZTE Carporation LG ELETRONICS INC HMD Binbal Dy ASSISTIN COMPUTER INC.	SAR ASOVW XT3962-1 255786 UM G720AWM8 TA 1036 ASUS, XOORD	6496-58AA505U 1090-756XP3 52006-25578L 27006-G710AWM 28070-TA1036 3568A-X00PD	weed: 1.470 W/Ng body: 0.836 W/Ng body: 0.836 W/Ng body: 1.23 W/Ng body: 1.23 W/Ng weed: 0.454 W/Ng weed: 0.454 W/Ng weed: 0.155 W/Ng weed: 0.156 W/Ng body: 0.150 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 1.04 W/Ng weed: 0.156 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng	Head: 1.6 W/Ng Body: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Links 4 W/Ng Head: 1.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng Head: 1.	Head: 16 Sody: 16 Head: 32 Sody: 16 Head: 32 Sody: 16 Head: 16 Sody: 16 Head: 16 Hea	SAR SAR SAR SAR SAR SAR	Off the shelf	Tens Tens Tens Tens Tens Tens Tens Tens		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	JTI Carporation HTC Carporation Samunag Returnish Co., Ltd Millshire Mallel AduShire Kallel AduShire Kallel AduShire Kallel Hazami Technologies Co., Md. TC. Communication tot Televid Millshire 150. Ltd SAMSHIRG ELECTRONIS	2808 G-3PW2300 384.4520W 88.Frus A400 A5US 2008DC UR20 UVTR 409 40055A A60G S94.G380W	\$2006 2828 4115A G2PW2100 6-89 586A520W 11492A R3PLU5 20165 A400 3568A 2018DC 10600A U620 6-969A VTRL09 9238A 0063 22079 4406	Sody: 1.300 New J. 1300 New J.	Next 1.4 W/Wg	SAR SAR SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Mernfacturer Off the shelf	Yes Yes Yes Yos Yes Yes	0	ph	Or	nes	5, 8	8 v	we	2018/2020 2018/2020 2018/2020 2018/2020 2018/2020 2018/2020	SAMSUNG ELECTRONICS CO. LTD Motorala Mobility LLC ZTE Carporation LG ELETRONICS INC HMD Binbal Dy ASSISTIN COMPUTER INC.	SAR ASOVW XT3962-1 255786 UM G720AWM8 TA 1036 ASUS, XOORD	6496-58AA505U 1090-756XP3 52006-25578L 27006-G710AWM 28070-TA1036 3568A-X00PD	weed: 1.470 W/Ng body: 0.836 W/Ng body: 0.836 W/Ng body: 1.23 W/Ng body: 1.23 W/Ng weed: 0.454 W/Ng weed: 0.454 W/Ng weed: 0.155 W/Ng weed: 0.156 W/Ng body: 0.150 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 1.04 W/Ng weed: 0.156 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng	Head: 1.6 W/Ng Body: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Links 4 W/Ng Head: 1.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng Head: 1.	Head: 16 Sody: 16 Head: 32 Sody: 16 Head: 32 Sody: 16 Head: 16 Sody: 16 Head: 16 Hea	SAR SAR SAR SAR SAR	Off the shelf	Tens Tens Tens Tens Tens Tens Tens Tens		
2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018 2017/2018	JTI Carporation HTC Carporation Samunag Returnish Co., Ltd Millshire Mallel AduShire Kallel AduShire Kallel AduShire Kallel Hazami Technologies Co., Md. TC. Communication tot Televid Millshire 150. Ltd SAMSHIRG ELECTRONIS	2808 G-3PW2300 384.4520W 88.Frus A400 A5US 2008DC UR20 UVTR 409 40055A A60G S94.G380W	\$2006 2828 4115A G2PW2100 6-89 586A520W 11492A R3PLU5 20165 A400 3568A 2018DC 10600A U620 6-969A VTRL09 9238A 0063 22079 4406	Sody: 1.300 New J. 1300 New J.	Next 1.4 W/Wg	SAR SAR SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf Mernfacturer Off the shelf	Yes Yes Yes Yos Yes Yes	0	ph	O	1es	5, 8	8 v	we	2018/2020 2018/2020 2018/2020 2018/2020 2018/2020 2018/2020	SAMSUNG ELECTRONICS CO. LTD Motorala Mobility LLC ZTE Carporation LG ELETRONICS INC HMD Binbal Dy ASSISTIN COMPUTER INC.	SAR ASOVW XT3962-1 255786 UM G720AWM8 TA 1036 ASUS, XOORD	6496-58AA505U 1090-756XP3 52006-25578L 27006-G710AWM 28070-TA1036 3568A-X00PD	weed: 1.470 W/Ng body: 0.836 W/Ng body: 0.836 W/Ng body: 1.23 W/Ng body: 1.23 W/Ng weed: 0.454 W/Ng weed: 0.454 W/Ng weed: 0.155 W/Ng weed: 0.156 W/Ng body: 0.150 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 0.155 W/Ng weed: 0.156 W/Ng body: 1.04 W/Ng weed: 0.156 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng weed: 0.157 W/Ng	Head: 1.6 W/Ng Body: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Head: 1.6 W/Ng Links 4 W/Ng Head: 1.6 W/Ng Body: 2.6 W/Ng Head: 1.6 W/Ng Head: 1.	Head: 16 Sody: 16 Head: 32 Sody: 16 Head: 32 Sody: 16 Head: 16 Sody: 16 Head: 16 Hea	SAR SAR SAR SAR SAR	Off the shelf	Ten		

2017/2018	BLU Products, Inc	GRAND MAX	11492A GRANDMAX	Head: 0.373 W/kg Body: 2.6 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf	No	resolution. The manufacturer provided an automated manufatory firmware update to the devices which reduced the output power. ISED evaluated the device following the firmware update and confirmed the device was brought back into compliance.
2017/2018	BLU Products, Inc	STUDIO G2 HD	11492A-5TG2HD	Head: 0.477 W/kg Body: 2.33 W/kg Head: 0.651 W/kg	Hoad: 1.6 W/kg Body: 1.6 W/kg Hoad: 1.6 W/kg	Head: Ig Body: Ig Head: Is	SAR	Off the shelf	No	ISID reported a request to Health Canada for a health impact assessment. Health Canada confirmed the levents were below the threshold for any adverse health effects. BISID invendedunly engaged the remarkstarer to institute a remarkstar. The control of the contr
2017/2018	Bullitt Mobile	EKTRA	11151A EKTRA	Body: 1.416 W/kg	Body: 1.6 W/kg	Body: lg	SAR	Off the shelf	Yes	
				Head: 0.422 W/kg	Head: 1.6 W/kg	Head: 2g			-	
2017/2018	Motorola Mobility LLC	XT1768	109O-T56WC1	Body: 0.857 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes	
2017/2018	Motorola Mobility LLC	XT1601	1090 TMVD1	Head: 0.582 W/kg Body: 1.260 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf		
2017/2018	Sky Phone	Elite 6.0L+		Body: 1.240 W/kg Body: 1.39 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes	
2017/2018	Sky Phone	Fuego 5.0+	20031-SKYFUEGOSOP		10001. 2.0 11712	10.00	1,240	TOTAL PROP	1160	·
2017/2018	Sky Phone			44	SK	V	Ρr	10	n	e Platinum
2018/2019	Apple Inc.	A1778	579C-E3091A	Body: 0.88		,	•	•		-
				Head: 0.40		•				
2018/2019	SONY MOBILE COMMUNICATIONS Inc.	H3223	41708-218312	Body: 0.97	_			_	ı	
2018/2019	TCL Communications Ltd.	50445	9238A-0083		SA	۱R	: [Bc) C	lv 2.68 W/kg
				Head:0.32 Body: 2.15 Head:0.62 Body: 0.97	SA	۱R	: [Bc	C	ly 2.68 W/kg
2018/2019	TCL Communications Ltd. LG ELECTRONICS INC	50445 LG-H873	9238A 0083 2705C H873	Head: 0.32 Body: 2.15 Head: 0.62 Body: 0.97 Head: 0.59	SA	۱R	: [Bc	O	ly 2.68 W/kg
2018/2019	TCL Communications Ltd.	50445	9238A-0083	Head:0.32 Body: 2.15 Head:0.62 Body: 0.97	SA	۱R	: [Bc	O	ly 2.68 W/kg
2018/2019	TCL Communications Ltd. LG ELECTRONICS INC	50445 LG-H873	9238A 0083 2705C H873	Headil J2 Body: 2.15 Headil Bi2 Body: 0.57 Headil DS Body: 0.52 Headil DS Body: 0.72 Headil DS	Body: 1.6 W/kg	AR	SAR	Bc	C	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019	TCL Communications bid. LG ELECTRONICS INC HTC Composation LG ELECTRONICS INC	50445 1G-H873 G011A 1G-M320G	9238A 0083 2709C H673 4115A G011A 2709C M300G	Head:0.33 80dy 2.35 Head:0.67 Body:0.57 Head:0.59 Body:0.72 Head:0.58 Body:0.72W/kg Head:0.618 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g	SAR	Off the shelf	C	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019	TCL Constructions Ltd. LG ELECTROPICS INC MTC Corporation	50445 16-H873 6011A	9238A 0083 2703C H873 4115A G011A	Head 0.12 Body 2.15 Head 0.62 Body 0.92 Head 0.59 Body 0.72 Head 0.93 Head 0.93 Head 0.61 Head 0.61 Body 0.72 Head 0.61 Body 0.72 Head 0.61 Body 0.93 Head 0	Body: 16 W/kg Head: 16 W/kg Body: 16 W/kg	Body: Ig Head: Ig Body: Ig			Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TCI, Communications Ud. LG ELECTRONICS INC HTC Corporation LG ELECTRONICS INC TCI, Communications Ud.	50445 1G-H873 G011A 1G-M320G 5085O	9238A 0083 2705C H873 4115A 0011A 2705C M320G 9238A 0078	Head.0.328 Body: 2.15 Head.0.628 Body: 0.97 Head.0.598 Body: 0.37 Head.0.598 Body: 0.37 Head.0.598 Body: 0.37 Head.0.598	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g Body: 1g Head: 1g	SAR SAR	Off the shelf	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019	TCL Communications bid. LG ELECTRONICS INC HTC Composation LG ELECTRONICS INC	50445 1G-H873 G011A 1G-M320G	9238A 0083 2709C H673 4115A G011A 2709C M300G	Head 0.12 Body 2.15 Head 0.62 Body 0.57 Head 0.59 Body 0.57 Head 0.59 Body 0.52 Head 0.618 W/kg Body 0.52 Head 0.618 W/kg Head 0.322W/kg Head 0.322W/kg Body 1.58 W/dg	Body 16 W/kg Head: 16 W/kg Body: 16 W/kg Head: 16 W/kg Body: 16 W/kg	Body: Ig Head: Ig Body: Ig Head: Ig Body: Ig	SAR	Off the shelf	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TCI, Communications Ud. LG ELECTRONICS INC HTC Corporation LG ELECTRONICS INC TCI, Communications Ud.	50445 1G-H873 G011A 1G-M320G 5085O	9238A 0083 2705C H873 4115A 0011A 2705C M320G 9238A 0078	Head 0.12h body 2.15 Head 0.6c Body 0.6c Body 0.6c Head	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g Body: 1g Head: 1g	SAR SAR	Off the shelf	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TEL Communications BLE LOB ELECTRONICS INC HTTC Composition GO BECKTRONICS INC TEL Communications BLE TEL Communications BLE LOB BECKTRONICS INC	50445 36 H873 5091A 16 ME20G 5085O 880100 2 16 MF20B	9288A-0083 2705C-16875 4115A-0011A 2705C-M200G 9288A-0082 9288A-0082 2709C-M708	Heado, IX Body, 2,15 Heado, 2,15 Heado, 2,15 Heado, 2,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 5,17 Heado, 1,18 Heado, 1,	Body: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg	Body: lig Head: lig Body: lig Head: lig Body: lig Head: lig Body: lig Head: lig Head: lig	SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TCL Communications Ltd. LG EXECTRONCS INC HTC Composition LG EXECTRONCS INC TCL Communications Ltd. TCL Communications Ltd.	50465 16-H873 6031A 16-M320G 50850 880100 2	9238A 0083 2705C H873 4155A 6011A 2705C M320G 9238A 0078 9238A 0078	Hradio Jab Body 2,155 House Job Body 6,215 Body 6,02 Bod	Body 16 W/kg Head 16 W/kg Body 16 W/kg Head 16 W/kg Head 16 W/kg Head 16 W/kg Head 16 W/kg Body 15 W/kg Body 15 W/kg	Body Is Head Is Body Is Head Is Body Is Head Is Body Is Body Is Body Is	SAR SAR SAR	Off the shelf Off the shelf Off the shelf	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TEL Communications U.S. OR ELECTRONICS NC OR ELECTRONICS NC TEL Communications U.S. TEL Communications U.S. LOS ELECTRONICS NC TEL Communications U.S. LOS ELECTRONICS NC Manurals Mobility U.C.	50445 36 H873 5091A 16 ME20G 5085O 880100 2 16 MF20B	9288A-0083 2705C-16875 4115A-0011A 2705C-M200G 9288A-0082 9288A-0082 2709C-M708	Need 0. LD Body 2. 25 Weed 0. GF Body 6.97 Weed 0. SF Body 6.97 Weed 0. SF Body 6.72 Weed 0. SF Body 6.72 Weed 0. SF Body 6.72 Weed 0. SF Weed 0. SF Body 6.72 Weed 0.72 Weed 0.72 Wee	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg	Body: lig Head: lig Body: lig Head: lig Body: lig Head: lig Body: lig Head: lig Head: lig Head: lig Head: lig	SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf Manufacturer	Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TEL Communications BLE LOB ELECTRONICS INC HTTC Composition GO BECKTRONICS INC TEL Communications BLE TEL Communications BLE LOB BECKTRONICS INC	50465 16 H873 6091A 16 ME20G 50850 880100 2 16 MF703 371922-9	9238A OORS 2705C-1875 4115A 0011A 2705C-M320G 9238A 0078 9238A 0082 2706C-M708 1090-756883	Hradio Jab Body 2,155 House Job Body 6,215 Body 6,02 Bod	Body 16 W/kg Head 16 W/kg Body 16 W/kg Head 16 W/kg Head 16 W/kg Head 16 W/kg Head 16 W/kg Body 15 W/kg Body 15 W/kg	Body Is Head Is Body Is Head Is Body Is Head Is Body Is Body Is Body Is	SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf	Yes Yes Yes Yes Yes Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TEL Communications U.S. OR ELECTRONICS NC OR ELECTRONICS NC TEL Communications U.S. TEL Communications U.S. LOS ELECTRONICS NC TEL Communications U.S. LOS ELECTRONICS NC Manurals Mobility U.C.	50465 16 H873 6091A 16 ME20G 50850 880100 2 16 MF703 371922-9	9238A OORS 2705C-1875 4115A 0011A 2705C-M320G 9238A 0078 9238A 0082 2706C-M708 1090-756883	Nead-0.12 Body 2.15 Nead-0.62 Body 0.47 Nead-0.12 Nead-0	Body 1.6 W/kg Head 1.6 W/kg Body 1.6 W/kg Head 1.6 W/kg Head 1.6 W/kg Body 1.6 W/kg Body 1.6 W/kg Body 1.6 W/kg Head 1.6 W/kg Head 1.6 W/kg Head 1.6 W/kg Head 1.6 W/kg Head 1.6 W/kg	Body: Ig Headt Ig Body: Ig	SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf Manufacturer	Yes Yes Yes Yes Yes Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TG Communications LEA LEA ELECTRONICS INC HTC Companion LEA ELECTRONICS INC LEA COMMUNICATION LEA TG Communications LEA TG Communications LEA TG Communications LEA TG Communications LEA LEA ELECTRONICS INC LEA	30465 16 H873 6031A 16 M320G 50850 880100-3 16 M793 371923-9 83	\$238A 0083 2705C H875 4135A 0011A 2705C M320C 9238A 0078 9238A 0078 9238A 0078 1000 T5683 1000 T5683 11692A 82 648E 98A327W	Weed 0.12 Body 2.15 Weed 0.52 Body 0.53 Body 0.53 Body 0.53 Weed 0	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg	Body Ig. Head! Ig. Body Ig. Head! Ig. Body Ig. Head: Ig. Body Ig	SAR SAR SAR SAR SAR SAR	Off the shelf Manufacturer Off the shelf Off the shelf	Yes Yes Yes Yes Yes Yes Yes Yes Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TEL Communication LEE LG ELECTRONES NC LG ELECTRONES NC TEL Communication LEE TEL Communication LEE TEL Communication LEE LG ELECTRONES NC Manufacture LEE Manufacture LEE Manufacture LEE Manufacture LEE Manufacture LEE RE	50445 16 H873 0031A 16 M3206 50850 880100 3 16 M203 XT1922 9	9238A OGES 2705C H875 4115A GOSTA 2705C M320G 9238A OGE 2706C M708 2706C M708 1090 T568B3 11692A 82	Head C. Lin Body 2. TS Body C. TS	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Nody: 1.6 W/kg Head: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg	Body: Is Head: Is Body: Is Body: Is Body: Is Body: Is Body: Is	SAR SAR SAR SAR SAR	Off the shelf Off the shelf Off the shelf Off the shelf Manufacturer Off the shelf	Yes Yes Yes Yes Yes Yes	ly 2.68 W/kg
2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019 2018/2019	TG Communications LEA LEA ELECTRONICS INC HTC Companion LEA ELECTRONICS INC LEA COMMUNICATION LEA TG Communications LEA TG Communications LEA TG Communications LEA TG Communications LEA LEA ELECTRONICS INC LEA	30465 16 H873 6031A 16 M320G 50850 880100-3 16 M793 371923-9 83	\$238A 0083 2705C H875 4135A 0011A 2705C M320C 9238A 0078 9238A 0078 9238A 0078 1000 T5683 1000 T5683 11692A 82 648E 98A327W	Weed 0.12 Body 2.15 Weed 0.52 Body 0.53 Body 0.53 Body 0.53 Weed 0	Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg Body: 1.6 W/kg Head: 1.6 W/kg	Body Ig. Head! Ig. Body Ig. Head! Ig. Body Ig. Head: Ig. Body Ig	SAR SAR SAR SAR SAR SAR	Off the shelf Manufacturer Off the shelf Off the shelf	Yes Yes Yes Yes Yes Yes Yes Yes Yes	ly 2.68 W/kg

019/2020	Google LLC	G020G	10395A-G020G	Head: 5.27 W/kg Body: 2.89 W/kg	Head: 1.6 W/kg Bode: 1.6 W/kg	Head: 1g Body: 1g	SAR	Manufacturer	No	ISD expedited a request to Health Canada for a health injust; assessment, Health Canada confirmed the levels were below the threshold for any adverse health effects, ISDI immediately expedit the manufacture to initiate resolution. The manufacture reprodule and undersaft ornalization, former update in the device to recolve the losurs ISD evaluated the device following the firmware update and confirmed the device was brought back into compalance.
	00.00	0.000		Head: 0.308 W/kg	Head: 1.6 W/kg	Head: 1g			1	
2019/2020	Huawei Technologies Co., Ltd.	EML-L29	6369A-EMLL29	Body: 0.675 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	Yes	
				Head: 0.154 W/kg	Head: 1.6 W/kg	Head: 1g				ISDD expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the threshold for any adverse health effects. The product was not certified for use in Canada. Issel Immediately engaged Canadian distributions to stop the sake of this product. A voluntary recall was also put in
2019/2020	Xiaomi	Redmi Note 7	N/A	Body: 2.33 W/kg	Body: 1.6 W/kg	Body: 1g	SAR	Off the shelf	No	place.
1019/2020	Xiaomi	M1803D5XA (Mi Mix 25)	N/A	Head: 0.224 W/kg Body: 1.010 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf	Yes	
2019/2020	Xiaomi	M1808D2TG(MI 8 Lite)	N/A	Head: 0.367 W/kg Body: 1.210 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf	Yes	
1019/2020	SAMSUNG ELECTRONICS CO. LTD	SM-G950W	649E-SMG950U	Head: 0.315 W/kg Body: 0.777 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf	Yes	
2019/2020	Apple Inc.	A2111	579C-E3309A	Head: 1.210 W/kg Body: 0.900 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Manufacturer	Yes	
2019/2020	SAMSUNG ELECTRONICS CO. LTD	SM-J337W	649E-SMJ337W	Head: 1.200 W/kg Body: 0.904 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	SAR	Off the shelf	Yes	
				Head: 4.02 W/kg	Head: 1.6 W/kg	Head: 1g				ISD expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the threshold for any adverse health effects. ISID immediately engaged the manufacturer to initiate resolution. The manufacturer provided an automated manufactory firmwave update to the devices to resolve the usus. ISID evaluated the devices following the firmwave updates and confirmed the devices following the firmwave updates and confirmed the device was brought bask into
2019/2020	Google LLC	G020C	10395A-G020C	Body: 1.82 W					_	
		1		Head: 0.408 W						
2020/2021	BLU Products Inc	STUDIO X8 HD	11492A-STXBHD	Body: 1.48 W/						
				Head: 0.255 V	_			_		

Razer Inc

SAR: Body 4.35 W/kg



June 2022 ISED - Cell phone test results

Second report with distance information

Safety Code 6 limit: SAR: Body 1.6 W/kg

				Head: 0.714 W/kg	Head: 1,6 W/kg	Head: 1g	Head: 0 mm				
019/2020	LG ELECTRONICS INC	LM-X210WM	2703C-X210WM	Body: 0.795 W/kg	800y: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.651 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
019/2020	Telecel Mobile	F60G2	22079-F40G2	Body: 1.45 W/kg	8coy: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.254 W/kg	Head: 1.6 W/kg		Head: 0 mm	SAR	Off the shelf		
019/2020	Sun Cupid (Shenzhen) Electronic Ltd.	M3	20782-NUUM3	Body: 0.363 W/kg Head: 1.470 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g	Body: 10 mm Head: 0 mm	SAR	Off the shelf	Yes	
019/2020	SAMSUNG ELECTRONICS CO. LTD	5M-4505W	649E-SMAS0SU	Body: 0.816 W/kg	Body: 1.6 W/kg	Book: 1g	Reds: 0 mm Body: 10 mm	SAR	Off the shelf	Yes	
013/1010	SANDONS LLCCHOPUS CO. LIS	2011100201	OOL SHIKKES	Head: 0.436 W/kg	Head: 1.6 W/kg	Head: 1s	Head: 0 mm		OII DE PEI	100	
				Body: 1.23 W/kg	8 pdy: 1.6 W/kg	Body: 1g	Body: 5 mm				
119/2020	Motorola Mobility LLC	XT1962-1	1090-T56XP1	Limb: 2.84 W/kg	Linh: 4 W/kg	Limb: 10g	Lineb: Omm	SAR	Off the shelf	Yes	
				Head: 0.434 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
19/2020	ZTE Corporation	25578L	S201E-25578L	Body: 0.915 W/kg	8 cdy: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.388 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
	LG ELECTRONICS INC	LM-G710AWM	2703C-G710AWM	Body: 1.100 W/kg Limb: 2.59 W/kg	8 cdy: 1.6 W/kg Limb: 4 W/kg	Body: 1g Limb: 10e	Body: 10 mm Limb: 0mm	SAR	Off the shelf	Yes	
113) 2020	DE ELECTRONICS INC.	CHI G/ JUNION	Z/USC/G/JONNIM	Head: 0.680 W/kg	Head: 1.6 W/kg	Head: 1s	Head: 0 mm	344	Officester	res	
11972020	HMD Global Dy	YA-1036	23070-TA3036	Body: 0.615 W/kg	800y: 1.6 W/kg	Bock: 1#	Body: 15 mm	SAR	Off the shelf	Yes	
13/1010	1110 0100 01	1111200	LOSTO INCUISO	Head: 0.368 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm	511	0.000000	163	
19/2020	ASUSTeK COMPUTER INC.	ASUS X00RD	3568A-X00RD	Body: 1.04 W/kg	800y: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.567 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
19/2020	SAMSUNG ELECTRONICS CO. LTD	SM-G960W	649E-SMG960U	Body: 1.21 W/kg	Body: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Manufacturer	Yes	
											ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the three
						l					any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. The manufacturer provided an automateur
	Goode LLC	60206	10335A-6020G	Head: 5:27 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1e	Head: 0 mm Body: 10 mm	SAR	Manufacturer		mandatory firmware update to the devices to resolve the issue. ISED evaluated the device following the firmware update and confirme
11972020	Google LLC	60200	10335A-Q020Q	Body: 2.89 W/kg Head: 0.308 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm	SAN	Manufacturer	Neo .	device was brought back into compliance.
10/2020	Huawei Technologies Co., Ltd.	EMI-129	6391A-FMLL29	Body: 0.675 W/kg	Body: 1.6 W/kg	Body: 14	Bady: 15 mm	SAR	Off the shelf	Yes	
1130 2020	make recircopes co, cis.	CMULES	G3939P-EMILES	0009: 0.073 TO 16	9107: 1.9 W/IE	000y: 18	tody. IS not	ann	OII I/RE SCIEN	res	ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the three
				Head: 0.154 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				any adverse health effects. The product was not certified for use in Canada. BED immediately engaged Canadian distributors to stop th
119/2020	Xiaomi	Recime Note 7	N/A	Body: 2.33 W/kg	800y: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	No	this product. A voluntary recall was also put in place.
		M180305XA		Head: 0.224 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
19/2020	Xiaomi	(MIMix 25)	N/A	Body: 1.010 W/kg	Body: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
		M1808D2TG		Head: 0.367 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
19/2020	Xiaani	(Mi 8 Lite)	N/A	Body: 1.210 W/kg Head: 0.315 W/kg	Body: 1.6 W/kg Head: 1.6 W/kg	Body: 1g Head: 1g	Body: 10 mm Head: 0 mm	SAR	Off the shelf	Yes	
	SAMSUNG ELECTRONICS CO. LTD	SMGOSOW	649E-SMG950U	Body: 0.777 W/kg	Body: 1.6 W/kg	Book: 1g	Body: 15 mm	SAR	Off the shelf	Yes	
129) 2020	SAMSUME ELECTRONICS CO. ETD	3M-0930W	0191-28103-200	Head: 1.210 W/kg	Wead: 1.6 W/kg	Head: 1g	Head: 0 mm	301	Off the shell	res	
19/2020	Agole Inc.	A2111	579C-E3309A	Body: 0.900 W/kg	800y: 1.6 W/kg	Both: 1g	Body: 5 mm	SAR	Manufacturer	Yes	
,				Head: 1.300 W/kg	Head: 1.6 W/kg		Head: 0 mm	-			
19/2020	SAMSUNG ELECTRONICS CO. LTD	5M-J337W	643E-5MJ337W	Body: 0.904 W/kg	Body: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
											ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the thres
											any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. The manufacturer provided an automo
				Head: 4.02 W/kg	Head: 1.6 W/kg		Head: 0 mm				mandatory firmware update to the devices to resolve the issue. ISED evaluated the device following the firmware update and confirme
119/2020	Google LLC	6020C	10335A-G020C	Body: 1.82 W/kg	Body: 1.6 W/kg	Body: 1g	Body: 10 mm Head: 0 mm	SAR	Manufacturer	No	device was brought back into compliance.
00.0001	BLU Products Inc	STUDIO X8 HD	11492A-STXBHD	Head: 0.408 W/kg Body: 1.48 W/kg	Head: 1.6 W/kg 8pty: 1.6 W/kg	Head: 1g Both: 1g	Head: 0 mm Body: 10 mm	SAR	Off the shelf	Yes	
100) £021	BLD PRIBOULS INC	STOURU XS HD	TTHATCH-STXBHD	Head: 0.255 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm	590	Unit the shelf	res	
20/2021	Shenzhen Harmony Technology Co Ltd	RLTP6067	25316-505560	Body: 0.745 W/kg	Body: 1.6 W/kg	Both: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
	. Across Comment										
		1		Head: 1.39 W/kg (1g)	Head: 1.6 W/kg	Head: 1g	Head: 0 mm		1		ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the three
				Body: 4.35 W/kg (1g)	8 pdy: 1.6 W/kg	Body: 1g	Body: 10 mm		1		any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. This is an ongoing investigation so no fi
20/2021	Raper Inc.	8235-0259	8092D-82350259		Linb: 4 W/kg	Limb: 10e	Lint: 0mm	SAR	Off the shelf	NA.	information is available at this time.

	Mansfacturer	Model:	IC .	Max SAR			ISED Measurement Distance	Assessment Type	Savere Source	Compliant	Non-compliance resultion steps
				Head: 0.667 W/kg	Head: 1.6 W/kg		Head: 0 mm			1	
2015/2016	Haawel Technologies Co., Ltd.	Y330-U35	6365A-Y330U05	Body: 1.262 W/kg	Spdy: 1.6 W/kg		Eody: 20 mm	SAR	Manufacturer	Yes	
				Head: 0.636 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
2015/2016	HTC Corporation	OF/A110	4115A-OPIA130	Body: 1.281W/kg	800y: 1.6 W/Ng	Body: 1g	Body: 20 mm	SAR	Manufacturer	Yes	
				Head: 0.922 W/kg	mead: 1.6 W/kg	Head: 1g	Head: D mm				
2015/2016	Acer Incorporated	5510	1754F-EM5510	Body: 0.747 W/kg	Body: 1.6 W/sg	Body: 1g	Body: 30 mm	SAR	Manufacturer	Yes	
				Head: 0.795 W/kg	Head: 1.6 W/kg		Head: 0 mm				
2015/2016 0	CT Asia	Neo 4.5	11452A-NEO45	Body: 1.528 W/kg	Secy: 1.6 W/kg		Body: 30 mm	SM	Marufacturer	Yes	
				Head:0.775W/kg	Head: 1.5 W/kg	Head: 1g	Head: 0 mm			-	
2015/2016	Motorola Mobility LLC	XT1563	1090-156082	Body:1.599W/kg	Body: 1.6 W/sg	Body 1s	Flody: 15 mm	SAR	Manufacturer	Yes	
	TE Corporation	2850	S2ME-2850	Body: 1.553W/kg	8edy: 1.6 W/kg		Body: 10 mm	SAR	Off the shelf	Yes	
222200	Cit conformer	1000	2010-000	Head: 0.953 W/kg	Head: 1.6 W/kg	Heart In	Head: 0 mm	340	011112	100	
2016/2017	Bullitt Mobile	540	11151A-540	Body: 1.091 W/kg	800y: 1.6 W/sg	Body 1s	Body: 30 mm	54.0	Manufacturer	Yes	
concern .	and the same			Head: 0.839 W/kg	Head: 1.6 W/kg		Head: 0 mm			1.0	
2026/2027	Hapwel Technologies Co., Ltd.	H1311	6365A-H2511	Body: 1,537 W/kg	Bedy: 1.6 W/Ng		Body: 30 mm	SAME.	Manufacturer	Van	
20200 2027	Harmon Too Tronges Co., Line.	11222	2000-1200	Head: 0.575 W/kg	Head: 1.5 W/kg		Head: 0 mm	200	BEST 200520000	100	
2016/2017	Sany Mabile Communications Inc.	06653	41708-PM0900	Body: 0.673 W/kg	800y: 1.6 W/kg		Body: 20 mm	540	Manufacturer		
	Syecora Communications, Inc.	£4710C	3372A-64710	Body: 0.847 W/kg	500y: 1.0 W/N		Body: 20 mm	SAN .	Manufacturer	Yes	
2016/2017	Cyecora Communications, Inc.	£4710C	3572A-E4710					508	Manufacturer	Yes	
				Head: 0.705 W/kg	Mead: 1.5 W/kg		Head: 0 mm	CAR		1	
2016/2017	H-P Electronics Pte Ltd	H450R	20103-H450R	Body: 0.943 W/kg		Body: 1g	Body: 30 mm	SAR	Off the shelf	Yes	
		1		Head: 0.631 W/kg	Head: 1.6 W/kg		Head: D mm	1		1	
2016/2017 (OnePlus Technology (Shenzhen) Co., Ltd.	ONEPLUS A3000	12739A-A3000	Body: 0.977W/kg		Body: 1g	Body: 30 mm	SAR	Manufacturer	Yes	
				Head: 0.245W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 mm				
2016/2017	Bullitt Mobile	560	11151A-560	Body: 0.994 W/kg	Redy: 1.6 W/sg	Body: 1g	Body: 30 mm	SAR	Manufacturer	Yes	
				Head: 0.66 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
2016/2017	Acer Incorporated	Z410	1754F-DMZ410	Body: 0.12 W/kg	Body: 1.6 W/kg	Body: Le	Body: 30 mm	SAR	Off the shelf	Yes	
				Head: 1.28 W/kg	Head: 1.6 W/kg	Head: 1g	Head, 0 mm				
2016/2017	lethro Trading LTD.	50628	11350A-50628	Body: 1,43 W/kg	Bedy: 1.6 W/kg	Body 1s	Body: 15 mm	SAR	Off the shelf	Yes	
10701011	Carro Francis Line.	250000	112205-2010	Head: 1.364 W/kg	Head: 1.6 W/kg		Head: 0 mm	200	On the press	100	
2026/2027	G ELECTRONICS INC.	15-8210	2703C-K210	Body: 1,130 W/kg	8ppy: 1.6 W/se		Epsty: 30 mm	SAR	Manufacturer	No.	
2010/2017	O LLICITORICA INC.	104210	ETVICTORY	Head: 0.771 W/kg	Head: 1.6 W/kg		Head 0 mm	ann	BEST COSCUTED	1103	
		2828									
2017/2018	FTE Corporation	2828	5200E-2828	Body: 1,348 W/kg	Secy: 1.6 W/kg		Body: 30 mm	SAR	Manufacturer	Yes	
				Head: 0.615 W/kg	Head: 1.6W/kg	Head: 1g	Head: 0 mm			1	
2017/2018	HTC Corporation	G-2PW2100	4115A-G2FW2300	Body: 1.126 W/kg	800y: 1.6 W/sg		Body: 30 mm	SAR	Manufacturer	Yes	
				Head:0.764W/kg	Head: 1.6 W/kg		Head: D mm			1	
2017/2018 5	Samsung Electronics Co, Ltd	5M-A520W	649E-SMAS2OW	Body:1.146 W/kg	Secty: 1.6 W/kg	Body: 1g	Body: 20 mm	SAR	Manufacturer	Yes	
				Head:0.206 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
2017/2018	BLU Products, Inc.	R1 Plus	11452A-R1PLUS	Body:1.338 W/kg	8edy: 1.6 W/kg	Body: 1g	Body: 20 mm	SAR	Off the shelf	Yes	
				Head:0.970 W/kg	Head: 1.6 W/kg	Hepd: 1g	Head: 0 mm				
2017/2018	Mobiwire Mobile	A400	20165-A400	Body:1.452 W/kg	Body: 1.6 W/sg	Body: Le	Flody: 20 mm	SAR	Off the shelf	Yes	
				Head-0.467W/kg	Head: 1.6 W/kg	Head-1s	Head: 0 mm				
2012/2018	ASUSTEK COMPUTER INC.	ASU5.2018DC	3568A-2018/DC	Body 0.664W/kg	Secy: 1.6 W/kg	Region La	Body 10 mm	SAR	Off the shelf	V-	
2017/2019	NOOTIN COMPONENTS.	10002233000	2249-10100-	Head 0.45 W/kg	Head: 1.6 W/kg	March To	Head Comm	200	On the piece	100	
2017/2016	Signifi Mobile	U620	10600A-U620	flooly:1.21 W/kg	Body: 1.6 W/kg	Product 16	Body 20 mm	540	Off the shelf		
2017/2016	rgin moure	0020	DARGELONGO	Head: 0.94 W/kg	Head: 1.6 W/kg		Head 0 mm	300	On the silen	165	
								1		l	
2017/2018	Huawel Technologies Co., Ltd.	VTR-L09	6365A-VTRL09	Body: 1.536 W/kg			Body: 30 mm	SAR	Manufacturer	Yes	
				Head: 0.258 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm			1	
2017/2018 1	FCL Communication Ltd	6055A	9238A-0063	Body: 1.310 W/kg	800y: 1.6 W/sg		Body: 30 mm	SAR	Off the shelf	Yes	
				Head: 0.57 W/kg	Head: 1.6 W/kg		Head: D mm				
2017/2018 1	Felecell Mobile (H.K) Co. Ltd.	F40G	22079-F40G	Body: 0.84 W/kg		Body: 1g	Body: 30 mm	SAR	Manufacturer	Yes	
		1		Head: 0.619 W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 mm				
2017/2018 9	SAMSUNG ELECTRONICS CO. LTD.	5M-G390W	645E-SMG390W	Body: 0.856 W/kg		Body 16	Body: 50 mm	SAR	Off the shelf	Yes	
				Head : 0.455 W/kg	Head: 1.6 W/kg		Head: 0 mm				
2017/2018 1	SONY MOBILE COMMUNICATIONS Inc.	FR132	N/A	Body: 0.638 W/kg		Body: 1g	Body: 15 mm	SAR	Off the shelf	Yes	
organist i						7.76				1	ISSD exceptions a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the thresh-
		1			1		1	1		1	any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. The manufacturer provided an automatic
		1		Head : 0.373 W/kg	Head: 1.6 W/kg	lucus to	Head, 0 mm	1		1	any adverse health effects, but introducing engages the manufacturer to intrade a resolution, the manufacturer provided an automati reandatory firmware update to the devices which reduced the output power. ISED evaluated the device following the firmware update a
	N.U Products. Inc.	GRAND MAX	11452A-GRANDMAX	Body : 2.6 W/kg	Body: 1.6 W/kg		Body 10 mm	SAR	Off the shelf	l	
C01/1/038	BLU Protesto, Inc	unnay MAX	11145CHOOKANOMAX	ecoy : c.o W/sg	2007: 1.0 W/Ng	SOUN IE	HOUSE SOME	200	rum me sriell	ine	confirmed the device was brought back into compliance.
		1			1		1	1		1	ISEO expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels were below the thresh
		1			1		1	1		1	any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. The manufacturer provided an automati
		1		Head: 0.477 W/kg	Head: 1.6 W/kg		Head: 0 mm	1		1	mandatory firmware update to the devices which reduced the output power. ISED evaluated the device following the firmware update a
2017/2018	BLU Products, Inc	STUDIO 62 HD	11452A-STS2HD	Body: 2.33 W/kg	800y: 1.6 W/kg		Body: 30 mm	SAR	Off the shelf	[No	confirmed the device was brought back into compilance.
				Head: 0.651 W/kg	Head: 1.6 W/kg		Head: 0 mm				
2017/2018	Julitt Mobile	EXTRA	11151A-EKTRA	Body: 1.416 W/kg	800y: 1.6 W/sg	Body: 1g	Body: 30 mm	SAR	Off the shelf	Yes	
				Head: 0.432 W/kg	Head: 1.6 W/kg		Head D mm				
2017/2018	Moterola Mebility LLC	XT1768	1090-T56WC1	Body: 0.857 W/kg	Secy: 1.6 W/kg		Body: 20 mm	SAR	Off the shelf	Yes	
A	ACCUPATION OF THE PARTY OF THE	N.141000	1270-120401	Head: 0.582 W/kg	Head: 1.6 W/kg	March To	Head 0 mm	100	011 014 01611	100	
		XT1601	1090-T56VD1	Body: 1.240 W/kg			Body: 20 mm	SAR	Off the shelf	l	
					8 poy: 1.6 W/kg				Off the shelf	Yes	
2017/2018											
2017/2018 1 2017/2018 1 2017/2018 1	Sky Phone	Elte 6.0L+	20031-SKYLUTEGUP 20031-SKYLUEGUSØP	Body: 1.39 W/vg	Sedy: 1.6 W/kg Sedy: 1.6 W/kg	Body: 1g	Body: 20 mm Body: Smm	SAR	Off the shelf Off the shelf	Ves	

											ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels w
				Head : 0.892 W/kg	Head: 1.6 W/ha		Head: 0 mm				any adverse health effects. ISSD immediately engaged the manufacturer to initiate a resolution. The manufacturer p
017/2018	Flor Minner	Platinum 6.0	20031-9KYPLAT09	Head : 0.862 W/kg Blody : 2.66 W/kg	Body: 1.6 W/kg		Body: 5 mm	SAR	Off the shelf		mandatory firmware update to the devices which reduced the output power. ISED evaluated the device following th confirmed the device was brought back into compliance.
017/1018	aty rissis	Platitionico	23031-3619-06199	Head: 0.877 W/kg	Head: 1.6 W/kg	Mench Te	Head: 0 mm	Jane .	OH DW SHIT	No.	Commission the person was unought pack may comprise to.
018/2019	Apple Inc.	A1778	575C-E3991A	Book: 0.885 W/vg	Fody: 1.6 W/kg	Book 14	Body 5 mm	SAR	Manufacturer	Ten	
				Head: 0.405 W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 rem				
18/2019	SONY MODILE COMM	H3223	41708-218312	Body: 0.978 W/kg	Fody: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Ten	
											ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the levels we any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. The manufacturer
	/			Head: 0.326 W/kg	Head: 1.6 W/kg	Head Ig	Head: 0 mm				mandatory firmware update to the devices which reduced the output power. ISED evaluated the device following to
018/2019	TEL Communication			Body: 2.151 W/vg	Ecdy: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	No	confirmed the device was brought back into compliance.
				0.625W/hg	Head: 1.6 W/kg		Head: 0 mm				
018/2019	LG ELECTRONICS INC				Enty: 1.6 W/kg	Book 14	Body: 10 mm Head: 0 mm	SAR	Manufacturer	TES	
018/2028	HTC Corporation				1.6 W/N	Book 1g	Body: 10 mm	SAR	Manufacturer	Tes	
710010033	110,000,000					1000	Mean Dimm	340	***************************************	10	
018/2029	LG ELECTRONICS INC	LG-M326G	PHO:				Body: 10 mm	SAR	Off the shelf	Yes	
							940				
118/2019	TEL Communications Ltd.	50850	9238A-0078	Head O.323Was				SAR	Off the shelf	Tes	
118/2028	TCL Communications Ltd.	880103-2	9238A-0082	Booky: L-12 W/kg	House				Off the shelf	Tes	
01001014	HI COMMONDONINE	410101-3	47780000	Head O 311W/sg	Head: Life Wyles				011111111111111111111111111111111111111		
.018/2019	LG ELECTRONICS INC	LB-M703	2709C-M703	Body: 1.23 W/kg	Body: 1.6 W/kg	Rolling			BIT the shelf	Tes	
		X11922-9	1090-156881	Head: 3.455 W/kg	Head: 1.6 W/kg		Link Onn				
018/2019	Motoroia Mobility LLC	X11032-9	1090-156881	Body: 1.260 W/kg Head: 0.476 W/kg	Rody: 1.6 W/kg Head: 1.6 W/kg		Head, 0 mm				
018/2028	BLU Products, Inc.	9.7	11492A-R2	Booly: 0.872 W/vg	Endy: 1.6 W/kg	Body: 1g	Body: 10 mm				
			-	Head: 0.722 W/kg	Head: 1.6 W/kg	Head Ig	Head: 0 mm				
018/2019	Samsurg Electronics Co., Ltd.	SM-J327W	649E-SMJ327W	Body: 1.09 W/kg	Fody: 1.6 W/kg		Body: 10 mm	SAR			
				Head: 0.580W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 mm				· ·
018/2019	TEL Communication Ltd.	50330	9238A-0088	Body: 1,470 W/kg	Endy: 1.6 W/kg	Body: 1g	Easty: 10 mm	SAR	Off the shelf	Management	
118/2029	Materola Matility LLC	X11921-1	1090-Y568C1	Head: 0.933W/kg Blody: 0.971 W/kg	Head: 1.6 W/kg Endy: 1.6 W/kg	Head Ig Body: Ig	Head: 0 mm Eddy: 5 mm	SAR	Off the shelf	Yes	
				Head: 0.615 W/kg	Head: 1.6 W/kg	Head: Is	Head: 0 mm				
018/2019	SONY MOBILE COMMUNICATIONS Inc.	H9334	41709-320420	Body: 0.978 W/kg	Endy: 1.6 W/kg	Body: 14	Body: 10 mm	SAR	Off the shelf	Tes	
				Head: 0.711 W/kg	Head: 1.6 W/N		Head: 0 mm				
018/2019	ASUSTeK COMPUTER INC.	ASUS_X017DA	3566A-X017DA	Body: 1.41 W/kg Head: 0.556 W/kg	Rody: 1.6 W/kg Head: 1.6 W/kg		Body: 10 mm Head: 0 mm	SAR	Off the shelf	Tes	
018/2028	Bullitt Mable	541	11151A-941	Booly: 0.679 W/kg	Forty: 1.6 W/kg		Body: 10 mm	SAR	Off the shelf	Teo	
01001011	to-c solve	241	111111111111	Head: 0.546 W/ks	head: 1.6 W/ha		tlead 0 rem	200	011111111111111111111111111111111111111		
018/2019	HMD Global Dy	TA-1016	23070-TA1016	Body: 1,300 W/vg	Eody: 1.6 W/kg	Body: 1g	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.292 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0 mm				
118/2019	TEL Communications Ltd.	88A100-L	9238A-0080	Boely: 1.19 W/kg Head: 0.586 W/kg	Rody: 1.6 W/kg Head: 1.6 W/kg	Books Ig	Body: 10 mm Head: 0 mm	SAR	Off the shelf	Tes	
018/2028	LG ELECTRONICS INC	LM-XS1DWM	2783C-XS18WM	Body: 0.727 W/vg	Fotr: 1.6 W/N	Both: 16	Body: 10 mm	SAR	Off the shelf	Tes	· · · · · · · · · · · · · · · · · · ·
01001017	COLLECTION CARROL	CHI-SCITCHIM	Trescontinum	Head: 0.975 W/kg	Head: 1.6 W/kg		Head: 0 mm	344	OH UNE E-KIT		
018/2019	TEL Communications Ltd.	5299A	9238A-0092	Books 1.05 W/kg	Entr: 1.6 W/W	Boths 14	Body: 10 mm	SAE	Off the shelf	TRS	
				Head: 0.557 W/kg	Head: 1.6 W/lg		Head: 0 mm				
018/2019	LG ELECTRONICS INC	LG-M470	2703C-M470	Body: 1.02 W/kg	Body: 1.6 W/kg	Body 1g	Body: 10 mm	SAR	Off the shelf	Yes	
018/2018	TEL Communications Ltd.	4044V	9238A-0064	Head: 0.508 W/kg Book: 0.662 W/kg	Read: 1.6 W/kg Body: 1.6 W/kg	Redo 1g	Head: 0 mm Rody: 15 mm	SAR	Off the shelf		
01001014	ret communicación de.	0.0417	97380000	Head: 0.361 W/kg	Head: 1.6 W/kg		Head: 0 mm	30.0	OH DE SERI	100	
018/2019	TEL Communications Ltd.	88F100-2	9238A-0085	Body: 1.23 W/kg	Body: 1.6 W/kg	Body 1g	Body: 10 mm	SAR	Off the shelf	Tes	
				Head: 0.262 W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 mm				
018/2019	ASUSTeK COMPUTER INC.	ASUS_X0180	3166A-X018D	Body: 1.01 W/kg	Ecoly: 1.6 W/kg	Book 14	Body: 10 mm	SAR	Off the shelf	Tes	
018/2019	0	A6003	127798-06003	Head: 0.247 W/kg Body: 1.140 W/kg	Body: 1.6 W/kg	Book 1s	Head: 0 mm Body: 10 mm	SAR	Off the shelf	Tes	
1189 2019	Unerus .	A6003	1273900748003	Head: 0.262 W/kg	Head: 1.6 W/kg		Head: 0 mm	See	On the scen	res	
018/2019	Samourg Dectrorics Co., Ltd.	5M-A530W	6490-5MA530W	Books 0.952 W/vg	Body: 1.6 W/kg	Body 14	Body: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.227 W/kg	Head: 1.6 W/kg	Head: Ig	Head: 0 rem				
018/2029	LG ELECTRONICS INC	LM-Q710WA	2789C-Q710WA	Body 1.020 W/kg	Endy: 1.6 W/kg	Body: 1g	Eady: 10 mm	SAR	Off the shelf	Yes	
				Head: 0.58 W/kg	Head: 1.6 W/kg		Head: 0 mm				
019/2020	Daria Alli	Daro 824	8175A-DORO824U	Body: 1.29 W/kg	Early: 1.6 W/kg	Rody 1g	Rody: 10 mm	SAR	Off the shelf	Tes	
019/2020	Materola Mobility	X11929-4	1090-756811	Head: 0.51 W/kg Body: 0.94 W/kg	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g Body: 1g	Edg: 5 mm	SAR	Off the shelf	Ten	1
01991000	materia maring	A12020-4	1990-199KL	Head: 0.246 W/kg	Head: 1.6 W/kg		Heart Orem	John .	On the scen	165	

Sky Phone Platinum SAR: Body 2.68 W/kg Distance of 5 mm

Razer Inc
SAR: Body 4.35 W/kg
Distance of 10 mm







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Microwave Emissions From Cell Phones Exceed Safety Limits in Europe and the US When Touching the Body

OM P. GANDHI[®] (Life Fellow, IEEE)

10-30% reduction in SAR for every mm in distance from the body during testing.



ISED test results with distance adjustment using Dr. Om Gandhi's formulas

Safety Code 6 limit: SAR: Body 1.6 W/kg

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Year	Manufacturer	Model	К	Mix SAR	Limit			Body SAR @ Smm Inc. 1050/mm	Body SAR @Serve Inc. 15%/eve	Rody SAR @ Smm Inc. 30%/mm	Body SAR @ Cover inc. 10%/mm	Body SAR @Omm inc 15%/mm	Body SAR(RO mm 30% inc /mm		Assessment Type	Sample Source	Complaint	Non-Compliance Resolution Steps
2015/2016	Huawi Technologiei Co., Ltd.	Y33-U05	6369AY330U05	Head: 0.667 W/Ng Sode: 1.202 W/Ne	Head: 1.6 W/Ng Sody: 1.6 W/Ng	Body: Le	Head Orem Body, 20mm	1.9359	2.417	4.463	3.118	4.863	16.571		SAR	Manufacturer	Yes	
2015/2016	HTC Corporation	OP#110	4115A0PA110	Head: 0.636 W/Ng Body: 1.281 W/Ng	Head: 1.6 W/Ng Body: 1.6 W/Ng	Head 1g Body 1g	Head: Orom Body: 10mm	2.063	2.576	4.756	3.322	5.182	17.660		SAR	Manufacturer	Yes	
2015/2016	Acer Incorposited	55 10	1754F-8MSS10	Head: 0.922 W/Ng Body: 0.747 W/Ng	Head: 1.6 W/Ng Body: 1.6 White	Head: Ig Body: Ig	Head Orem Body 10mm	1.203	1.502	2.774	1.938	3.022	10.300		SAR	Manufacturer	Yes	
2015/2016	CT Asia	Nac4.5	11492A-N8045	Head: 0.795 W/kg Body: 1.528 W/kg	Head: 1.6 W/Ng Body: 1.6 White	read 1g	Head: Corum Rode: 15mm	1.462	3.073	5.673	3.966	6.192	21.064		SAR	Manufacturer	Yes	
2015/2016	Motorola Mobility LLC	XT1563	1090-756082	Head: 0.775 W/Ng Body: 1.559 W/Ne	Head: 1.6 W/Ng Body: 1.6 White	Head Ig	Head Cores Sode Union	4.148	6.472	5.937	6.682	13.018	22.044		SAR	Manufacturer	Yes	
2015/2016	ZTE Corporation	2850	52006-2850	Body 1.553 W/kg	Head: 1.6 W/Ng		Body 10mm	2.501	3.124	5.766	4.044	6.283	21.409		SAR	Off the shalf	Yes	
2016/2017	Bullit Mobile	540	11151A-540	Head: 0.953 W/Ng Sody: 1.091 W/Ng	Head: 1.6 W/Ng	read 1g	Head: Coren Sode: 10mm	1.758	2.194	4.051	2.831	4.414	15.041		SAR	Manufacturar	Yes	
2016/2017	Huawi Technologies Co., Ltd.	HE511	6369AH1511	Head: 0.839 W/Ng	Head: 1.6 W/Ng	Head 1g	Head: Coron Sody: 10mm	2.476	1.091	5.707	1.989	6.218	21.190		SAR	Manufacturar	Yes	
	Sony Mobile Communications Inc	06653	41708-PM0900	Body: 1.537 W/kg Head: 0.575 W/kg	Head: 1.6 W/Ng	Head: 1g	Head: Cerum	1.084	1.354	2.499	1.747	2.723	9.279		sux	Manufacturer	Yes	
	Kyoosa Communications Inc.	642105	25724-64710	Sedy: 0.671 W/kg Sedy: 0.847 W/kg	Head: 1.6 W/Ng	Sody: 14	Sody 10mm	1.164	1.704	1.145	2.198	3.940	11.677		w	Manufacturar	700	
	H-P Bacteries Plates.	uesone.	20202-0450	Hed: 0.705 W/kg	Head: 1.6 W/Ng	Sody Is Seed: Ig	Sody 10mm Head Ones	1.519	1.60	1.501	2.447	3.815	12.999		sux	Then see the	700	
-		ONSBUKATORA	127204-42000	Body: 0.043 W/kg Head: 0.631 W/kg	Rode 1.6 W/sq Head: 1.6 W/sq	Sody Is Seed: Ig	Sody 10mm Heat Onim	1 574	1.865	1.628	2534	3.952	13.471		SAR	Manufacturer	700	
	Built Mobile		11151A560	Body: 0.977 W/Nr Head: 0.245 W/Ng	Sody 1.6 Wiles Head: 1.6 Wiles	Body: Le Head: Lg	Sody, 10mm Head, Orivin	1.601		1.691	2.580	4.021	13.705		SAR	Manufacturer	_	
160	Acer Incorposited	5617	17545-040410	Body: 0.594 W/ke Head: 0.55 W/kg	Sody 1.6 Who Head: 1.6 Who	Body Le Head: Le	Body, 10mm Held: Omm	1.482	1850	1.415	2.388	1.722	12.680			Off the shalf	-	
***		2410		Body: 0.02 w/kr	Softr 1.6 Wiles Head: 1.6 W/kg	Body 1s Post 1s	Body 10mm Head Own					11.636	73.198		SAR		No.	
10	Jathro Trading LTD	50628	11350A-SC628	Sody: 1.43 Wile	Body 1.6 Why Head: 1.6 Why	Body 1s Post 1s	Head Cores	1.709	5.785	19.714	5.976	,	_			Off the shalf	30	
**	LG Bactronics Inc	LG-K210	2703C-K210	Bedy: 1.110 Whe	Rody 1.6 Why Head: 1.6 Why	Body 1s	Rode 20mm Head Orem	1.820	2,271	4,196	2,913	4.571	15.580		SAR	Manufacturer	Yes	
	ZTE Corporation	2928	52006-2828	Bedr 1.348 Whe	Body 1 6 Why	Body 1e	Reds 10mm	2.172	2.711	5.005	3.498	5.453	18.584		SAR	Manufacturer	Yes	
2017/2018	HTC Corporation	G-2PW2100	4115A-G2PW2100	Sede 1.125 Whs	Head: 1.6 W/Ng Body: 1.6 White	Body Le	Reds 10mm	1.814	2.265	4.181	2.922	4.555	15.524			Manufacturer	Yes	
	Samsung Bectronics Co. LTD	9M-A520W	6496-9MAS20W	Sedr. 1.146 Whr.	Head: 1.6 W/Ng Body: 1.6 W/No	Body: Le	Body 10mm	1.846	2.105	4.255	2.974	4.636	15.799		SAR	Manufacturer	Yes	
2017/2018	BLU Products, Inc.	R1PUS	11492A-R1PUS	Head: 0.206 W/Ng Sody: 1.338 W/Nr	Head: 1.6 W/Ng Reduct 6 Willer	Body: Le	Head Cours Sody 10mm	2.156	2.691	4.968	3.473	5.413	12.446		SAR	Off the shalf	Yes	
2017/2018	Mobiwine Mobile	A400	20165-8400	Seds: 1.452 Whs	Head: 1.6 W/Ng Node: 1.6 W/Ng	Body: 14	Head Cover Sody: 10mm	2.339	2.920	5.391	3.764	5.874	20.017		SAR	Off the shalf	Yes	
2017/2018	ASUSSIA Computer INC	ASUS_20180C	3568A-23180C	Sedy: 0.664 W/W	Head: 1.6 W/Ng Seeds: 1.6 W/Ng	Head: Ig Body: Is	Head Cover Sody: 10mm	1.070	1.335	2.465	1.723	2.686	9.153		SAR	Off the shalf	Yes	
2017/2018	Signif Mobile	u620	10600A-U620	Head: 0.45 W/kg Sode: 1.21W/kg	Head: 1.6 W/Ng Seeds: 1.6 W/Ng	Head: Ig	Head: Drove Sody: 10mm	1.949	2.433	4.422	3.540	4.896	16.682		SAR	Off the shalf	Yes.	
2017/2018	Huawi Technologies Co., Ltd.	VTR-009	6369A VTR129	Head: 0.94 W/kg Sode: 1.516 W/ke	Head: 1.6 W/Ng	Head: Ig	Head Cown Sody 15mm	2.474	1.089	5.703	3.886	6.215	21.175		sux	Manufacturar	Yes	
2017/2018	SCL Communication LTD	6055A	9238A-0063	Head: 0.258 W/Ng Sody: 1.310 W/Ng	Head: 1.6 W/Ng	Head: Ig	Head Orem Sody 15mm	3.110	2.614	4.964	3.400	5.300	18.060		SAR	Off the shalf	Yes	
2017/2018	Salacel Mobile (HC) Co. Util	F40G	22079-F40G		Head: 1.6 W/Ng		Head: Orem Body, 10mm	1.853	1.689	8.119	2.180	3.399	11.581		SAR	Manufacturer	Yes	
2017/2018	Samsung Bactronics Co. LTD	9M-G890W	6496-9MS390W	Head: 0.519 W/Ng Body : 0.855 M/Ng	Head: 1.6 W/Ng	Head: Ig	Head: Cores Sody, 10mm	1.379	1,721	1.178	1.111	3.463	11.800		SAR	Off the shalf	Yes	
2017/2018	Sony Mobile Communications Inc	FB132	N/A		Head: 1.6 W/Ng	Sody 1s Sod 1s	Head Cores	1.655	2.581	8.795	2.666	5.191	12.656		SAR	Off the shalf	Yes	
2017/2018	BUJ Products, Inc.	SRAND MAK	1149A-GRANDMAX	Hud: 0.373 W/kg Body: 2.6 W/kg	Head: 1.6 W/Ng Body: 1.6 W/Ng	Head: Ig	Head: Corum Body: 10mm	4.189	5.229	9.654	6.248	10.520	35.845		SAR	Off the shalf	10	500 expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the leads were below the
	BLU Products, Inc.	97U010 G2 HD	1149A-9762HD	Hud: 0.477 W/kg	Head: 1.6 W/Ng	Head 1g	Head: Cours Stody 15mm	3.754	4.686	8.651	6.047	9.427	32.121		SAR	Off the shalf	10	thanhold for any advance health offices. HSD immediately answed the manufacture to initiate a resolution. The manufacturer ISSD expedited a request to Health Canada for a health impact assessment. Health Canada continued the leads were below the
	Built Mobile	OCTRA	11151A-0KTNA	Reds: 2.33 Whe Head: 0.651 W/kg	Head: 1.6 W/Ng	Head Ig	Head: Cours	2.281	2.848	5.258	3.675	5.729	19.523		SAR	Off the shalf	Yes	thoughold for our advance health offices. Hill immediately account the manufacture to initiate a modulator. The expendanture
	Motorola Mobility LLC	NT1268	1090,756WC1	Reds: 1.416 Whe Head: 0.422 W/kg	Head: 1.6 W/Ng	Head Ig	Rode 10mm Head Orem	1.381	1.701	3.182	2.224	3.467	11.815			Off the shalf	Yes.	
	Motorola Mobility LLC	NT1601	1090,756901		Head: 1.6 W/Ng	Head Ig	Hede 10mm	1.998	2.494	4,604	3218	5.017	17.005			Off the shall	700	
2017/2018		0.076.014	20031-9090/0602	Body: 1.240 W/kg Body: 1.39 W/kg	Body 1.6 W/kg	Body 1s	Sody 10mm Sody 10mm	2.239	2.795	5.161	3.607	5.624	19.163			Off the shalf		
2017/2018		FU090 5.0+	20031-9KWL/1869 20031-9KWL09050P	Body: 1.45 W/kg	Body 1.6 W/kg	Body: Le	Body Smin	1.45	1.45	1.45	2.116	2.016	5.384		548	Off the shalf		
19				Head: 0.892 W/kg	Head: 1.6 W/Sg	Sody 1s Heat 1g	Body: Smin Head: Corum			1.45	4.317	5.389	9.951				-	ISSD expedited a request to Health Canada for a health impact assessment. Health Canada confirmed the leads were below the
2017/2018		PLATINUM 4.0	20021-SKWLAT40	Sody 2.68 W/W	Sody 1.6 W/se Head 1.6 W/se	Sody 1s	Sody Smin	2.68	2.68	-						Off the shalf	-	Section for any advance health offices. 1900 immediately exceed the manufacture to initiate a resolution. The manufacture
2018/2019		A1778	579C-63091A	Body 0.886 Wile Heat 0.605 Wile	Reds 1.6 Who Head: 1.6 Why	Body: Le	Sody Smin	0.886	0.886	0.886	1.427	1.782	8.290		SAR	Manufacturar	Pis .	
-	Sony Mobile Communications Inc	HB223	41708-218312	Sody 0.978 W/W	Sode 1.6 Who Head: 1.6 Who	Body: 14	Sody 10mm Head Own	1.576	1.967	1.631	2.538	3.957	13.482			Off the shalf	Ties .	ISID asserting a result to Health Canada for a health impact accordent. Health Canada confirmed the leads were below the
2018/2019	TCL Communication LTD	50445	9238A0083	Body: 2 151 W/kr Head: 0.625 W/kg	Body 1 6 Wiles	Body: 14	Sody 10mm Head Own	1.465	4.326	7.987	5.583	8.703	23.656		SAR	Off the shalf	40	NO opadial a reput to Halfi Casta for a halfi impat accorded, Halfi Casta continual the least wee below the Baskold for any abana halfi affect. IVI immediately assess for may detrue to initiate a modulion. The manufacture
2018/2019	hit Statement has	Licustry	Iranac-sera	present courts Wildle	present and Mind	Proc. of	y-max	ls ese	1.047	han	100	1.957	13.40		- Cui	Manufacture	No.	

As examples, the next slides will have details of 2 cell phones.

122			_	Body, 0.97190 for Head: 0.615 W/Ng	Body 1.6 Wile	Body, 14	Body Smm	part of the same o	-	-	part.						
2018/2019	Sony Mobile Communications Inc	H8314	41708-32042C	Head: 0.615 W/Ng Body, 0.978 W/Ng	Head: 1.6 W/Ng Body: 1.6 W/Ny	Head: Ig	Head: Corum Rode: 10mm	1.576	1.9667	3.631	2.538	1.957	13.482	SAR	Off the shalf	Yes	
2018/2019	ASUStak Computer INC	A95_X0170A	3568A-X017DA	Head: 0.711 W/Ng Body 1.41 W/N	Head: 1.6 W/Ng Body 1.6 W/Ng	Head Ig	Head Cours Rode 15mm	2.271	2.836	5.235	1.659	5.705	19.438	SAR	Off the shelf	Yes	
2018/2019	Bullit Mobile	541	111514-941	Head: 0.556 W/Ng Body 0.629 W/Ng	Head: 1.6 W/Ng Body 1.6 W/No	Head Ig	Head Cours Sody 15mm	1.094	1.365	2.521	1.762	2.747	9.360	SAR	Off the shelf	Yes	
2018/2019	HMD Global Cy	TA-0006	21070-TA1016	Head: 0.548 W/Ng Body 1.300 W/Nr	Head: 1.6 W/Ng Rode 1.6 W/No	Head Ig	Head Course	2.094	2.614	4.827	3.374	5.260	17.923	SAR	Off the shelf	Yes	
2018/2019	YCs Communication LTD	88A100-1	9238A-0080	Hed: 0.292 W/kg Body, 1.12 W/kr	Head: 1.6 W/Ng Rode 1.6 W/Ne	Head: Ig Sody: Id	Head: Cover Sody: 10mm	1.917	2.393	4.418	3.088	4.815	16.404	SAR	Off the shalf	Yes	
2018/2019	GS Dectronics Inc	LMXS10WM	2703C3S10WM	Head: 0.586 W/Ng Body: 0.727 W/Na	Head: 1.6 W/Ng Rode: 1.6 W/Ne	Head: Ig Sody: Id	Head: Cross Sodie 15mm	1.171	1.462	2.699	1.887	2.941	10.021	SAR	Off the shalf	Yes	
2018/2019	YCs Communication LTD	5099A	9238ACC92	Head: 0.975 W/Ng Body, 1.05 W/M	Head: 1.6 W/kg Body: 1.6 W/kg	Head: Ig	Head: Cerum Body, 10mm	1.692	2.111	3.900	2.726	4.248	14.481	SAR	Off the shalf	Yes	
2018/2019	LG Bactronics Inc	LGAM170	2703C-M470	Head: 0.557 W/Ng Body, 1.03 W/Ng	Head: 1.6 W/kg Sode: 1.6 W/kg	Head: Ig	Head: Orem Body 15mm	1.659	2.474	3.824	2.678	4.167	14.199	SAR	Off the shalf	Yes	
2018/2019	TCL Communication LTD	4044V	9238A-0064	Head: 0.508 W/Ng Rodull 662 William	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig	Head Cores Sode 15mm	1.717	2.678	9.126	2.766	5.387	33.885	SAR	Off the shalf	Yes	
63 2018/2019	TCL Communication LTD	88F100-2	9238A-0085	Head: 0.161 W/kg Body 1.21 W/kg	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig Body: Id	Head Cours Rode 10mm	1.982	2.474	4.567	3.192	4.977	16.957	SAR	Off the shalf	Yes	
62 2018/2019	ASUStak Computer INC	A9J5_X0180	3568A-X018D	Head: 0.262 W/Ng Body 1.61 W/Nr	Head: 1.6 W/Ng Body 1.6 W/No	Head: Ig Sody: Id	Head Cours Rode 10mm	1.627	2.031	3.750	2.621	4.086	13.924	SAR	Off the shalf	Yes	
2018/2019	OnePlus	A6003	12739A-A6003	Head: 0.247 W/kg Body 1.140 W kg	Head: 1.6 W/Ng Rode 1.6 W/Ng	Head: Ig Sody: Id	Head Cours Sody 10mm	1.837	1.293	4.233	1.959	4.612	15.717	SAR	Thris with TO	Yes	
2018/2019	Samoung Dectronics Co. LTD	SW-A530W	6496/3MAS30W	Head: 0.262 W/Ng Body 0.552 W/Ng	Head: 1.6 W/kg Body 1.6 W/kg	Head: Ig	Head: Corum Sodie 10mm	1.514	1.914	3.535	2.471	1.852	13.125	SAR	Off the shalf	Yes	
2018/2019	LG Dectronics Inc	LM Q710WA	2703C Q710WA	Head: 0.227 W/Ng Body: 1.020 W/Na	Head: 1.6 W/kg Andre 1.6 W/kg	Head: Ig Spoke 14	Head: Orem Body: 10mm	1.643	1.051	3.787	1.647	4.137	14.661	SAR	Off the shalf	Yes	
2018/2020	Doro AB	Denoli 24	8175A.0090824AU	Head: 0.58 W/Ng Body, 1.21 W/Ng	Head: 1.6 W/kg Sode: 1.6 W/kg	Head: 1g Spoke 1g	Head: Orem Body: 10mm	2.078	2.594	4.790	1.348	5.219	17.785	SAR	Off the shalf	Yes	
2019/2020	Motoroia Mobility	XT1929-4	1090-Y56XE1	Head: 0.51 W/Ng Body 0.94 W/Ng	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig	Head Coron	0.94	0.94	0.94	1.514	1.890	1.490	SAR	Off the shalf	Yes	
2019/2020	LG Bactronics	UMQ910UM	2709C-Q910UM	Head: 0.246 Wilg Body 1.15 Wile	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig	Head: Coron Body 15mm	1.853	2.313	4.270	2.985	4.653	15.855	SAR	Off the shalf	Yes	
2019/2020	Sany Mobile Communications Inc	63123	41708-51153M	Head: 0.461 W/kg Body 3.1 W/ke	Head: 1.6 W/Ng Body 1.6 W/Ng	Head Ig	Head Cours Rode 10mm	1.772	2.212	4.084	1.855	4.451	14.00	SAR	Off the shelf	Yes	
2019/2020	US BURCTHONICS INC.	LW-X210WM	2709C-X210WM	Head: 0.714W/Ng Body 0.785 W/Ng	Head: 1.6 W/kg Body 1.6 W/kg	Head Ig	Head Cours Rode 10mm	1.281	1.599	2.952	1.063	1.212	10.961	SAR	Off the shelf	Yes	
2019/2020	Talecall Mobile	F40G2	22079-64062	Head: 0.651 W/Ng Body: 1.45 W/Nr	Head: 1.6 W/kg Rode 1.6 W/kg	Head Ig	Head Course	2.336	2.916	5.384	3.763	5.867	19.991	SAR	Off the shalf	Yes	
2019/2020	Sun Cupid (Sherohen) Bectronic Ltd	M3	20782 NUUM3	Heat: 0.254 W/Ng Body: 0.161 W/N	Head: 1.6 W/kg Body 1.6 W/kg	Head: Ig	Head: Corum Sodie 10mm	0.585	0.720	131	0.942	1.469	5.124	SAR	Off the shalf	Yes	
2009/2020	SAMBLING BLECTRONICS CO. LTD	SW ASSSW	6486 SMASOSU	Head: 1.470 W/Ng Body: 0.816 W/Ng	Head: 1.6 W/kg Body 1.6 W/kg	Head: Ig Spoke 14	Head: Orem Body: 10mm	1.915	1.641	3.030	2.118	3.802	11.350	SAR	Off the shalf	Yes	
2009/2020	Meteoria Mebility IIC	x71962-1	1090-Y56XP1	Head: 0.436 W/Ng Body, 1.21 W/Ng	Head: 1.6 W/kg Body 1.64	Head: Ig	Head: Orner Sody Sept	1.23	1.23	1.23	1.982	2.474	4.567	SAR	Off the shalf	Yes	
2019/2020	ZTT Corporation	255784	52006-255786	Head: 0.414 W/Ng Body, 0.515 W/Na	Head: 1.6 W/kg Body: 1.6 W/kg	Head: 1g	Head: Crism Body: 10mm	1.474	1.840	3.398	2.375	3.702	12.617	SAR	Off the shalf	Yes	
2019/2020	US BUSCINONICS INC	UM-GT10AWM	2709C-G710AWM	Head: 0.188 W/Ng Body, 1.100 W/Na	Head: 1.6 W/Ng Body 1.6s	Head: Ig	Head: Coron Rode: 15mm	1.772	2.212	4.084	2.855	4.451	15.164	SAR	Off the shalf	Yes	
2019/2020	HMD Global Cy	TA-0096	21070-TA1016	Head: 0.660 W/Ng Body 0.615 W/Ng	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig Sody: Id	Head Cours Rade Theres	1.595	2.488	8.478	2.570	5.005	31.479	SAR	Off the shalf	Yes	
2013/2020	ASUSTWI COMPUTER INC.	ASUS_XCORD	1568A-X00R0	Head: 0.168 W/kg Body: 1.04 W/kr	Head: 1.6 W/Ng Body 1.6 W/No	Head: Ig Sody: Id	Head Cours Rode 10mm	1.675	1.091	3.861	1.699	4.208	14.336	SAR	Off the shalf	Yes	
2013/2020	SAMSUNG DUCTRONICS CO. LTD	9M-Q960W	6496-9MQ960U	Head: 0.567 W/Ng Body 1.21 W/M	Head: 1.6 W/Ng Rode 1.6 W/Ng	Head: Ig Sody: Id	Head Cove Sody 10mm	1.949	1.433	4.493	3.140	4.900	16.683	SAR	Manufacturer	Yes	
2013/2020	Google LLC	G020G	1039A-G020G	Head: 5.27 W/Ng Body 2.89 W/Ng	Head: 1.6 W/kg Body, 1.6 W/ke	Head: Ig		4.656	5.812	10.730	7.500	11.693	39.840	SAR	Manufacturar	No	SSD expected a request to Health Canada for health impact accounters. Health Canada confirmed the levels were below the Resolved for one advance health effects. INIX immediately account the resolutions to initiate a production. The expendications
2013/2020	Huawai Sachnologies Co., Ltd.	OVL 129	6369A0ML29	Head: 0.308 W/Ng Body, 0.675 W/Ng	Head: 1.6 W/kg Andre 1.6 W/kg	Head: Ig	Head: Cores Sode: 15mm	1.761	2.791	9.306	2.821	5.492	34.553	SAR	Off the shalf	Yes	
2009/2020	Maneri	Redma Nate?	N/A	Hed: 0.154 W/kg Body, 2.31 W/ke	Head: 1.6 W/Ng Body, 1.6 W/Nr	Seed: 1g Sody: 1g	Head: Orem Body: 10mm	1.764	4.689	8.651	6.047	9.427	32.121	SAR	Off the shalf	No	ISSD expedited a request to Health Canada for health impact assessment. Health Canada confirmed the levels were below the Bookhold for any advance health efform. The conduct was not confided for use in Canada. 1970 immediately expend Canada.
2019/2020	Niaomi Niaomi	M180105XA (M5 M5x 25)	N/A	Head: 0.224 W/Ng Body, 1.020 W/Ng	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig Sody: Ig	Head: Orom Body, 10mm	1.627	2.081	3.750	1.621	4.086	13.924	SAR	Off the shalf	Yes	
84 2019/2020	Niaomi	M1808021G (M) 8 UM	N/A	Head: 0.367 W/Ng Body: 1.220 W/Ng	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig Body: Ig	Head Coron Body 10mm	1.949	2.433	4.493	3.140	4.9	16.683	SAR	Off the shalf	Yes	
85 2019/2020	SAMSUNG BUICTRONICS CO. LTD		649-5M0950U	Head: 0.315 W/Ng Banks 0.277 W/Na	Head: 1.6 W/Ng Body 1.6 W/Ng	Head: Ig Sody: Id	Head Cours Rode There	2.016	3.144	10.712	3.247	6.322	29.774	SAR	Off the shalf	Yes	
2013/2020	Apple Inc.	A2111	579C-63309A	Head: 1.210 W/Ng Body 0.500 W/Ng	Head: 1.6 W/Ng Body 1.6 W/No	Head: Ig Sody: Id	Head Course South Server	0.900	0.900	3.342	1.450	1.81	12.409	SAR	Manufacturier	Yes	
02 2013/2020	SAMSUNG DUCTRONICS CO. LTD	9M-037W	6496-9M037W	Heat: 1.100 W/Vg Body 0.504 W/W	Head: 1.6 W/kg Rode 1.6 W/kg	Head: Ig Sody: Id	Head Cours Sody 10mm	1.456	1.010	3.357	2.346	1.658	12.465	SAR	Off the shalf	Yes	
2013/2020	Google LLC	G020C	10395A-G020C	Head: 4.02 W/Ng Body: 1.82 W/Ns	Head: 1.6 W/kg Body 1.6 W/ke	Head: Ig	Head: Cover Sody 10mm	2.912	1.660	6.758	4.723	7.864	25.092	SAR	Manufacturar	No	SSD expected a request to Health Canada for health impact accessment. Health Canada confirmed the levels were below the Resolved for one shares health effects. USD immediately accessed the resolutions to include a socializer. The expectations
2013/2020	BCU Products Inc	STUDIO XII HO	11492A-5768HD	Head: 0.408 W/Ng Body, 1.44 W/M	Head: 1.6 W/kg Andre 1.6 W/kg	Head: Ig	Head: Orom Sody 15mm	2.384	2.076	5.485	3.941	5.988	20.403	SAR	Off the shalf	Yes	
00 2018/2020	Shanzhan Harmony Tachmology Co Ltd	RLTP6067	25316-505560	Head: 0.255 W/Ng Body, 0.745 W/Na	Head: 1.6 W/kg Sode: 1.6 W/kg	Head: 1g Spoke 1g	Head: Orem Body: 10mm	1.200	1.498	2.766	1.934	3.014	10.270	SAR	Off the shalf	Yes	
2020/2021	Raper Inc.	R235-0259	8092D-82350259	Head: 1.39 W/Ng (1g) Body: 4.35 W/Ng (1g)	Head: 106 W/kg	Head: Ig	Head: Coron Body: 10mm	7.008	8.748	16.152	11.290	17.641	59.972	SAR	Off the shalf	No	ISSD expedited a request to Held's Canada for a health impact assessment. Health Canada confirmed that the levels were below the described for any advance health efform. ISSN immediated appeared the manufacture to include a secolation. This is an opening
0)				March William	No. 1 6 Wile			58/90 64.4% > 1.6W/Ng	74/90 82.2% > 1.6 W/kg	83/90 92.2% >0.6 W/Ng	84/90 93.3% > 1.6 W/kg	89/90 98.9% > 1,6 W/Ng	100% > 1.6 W/Ng				Property of the states have been seen to be a second of the second of th
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Summary of the estimated compliance of cell phones

Safety Code 6 limit: SAR: Body 1.6 W/kg

ISED tested 90 cell phone models

- 8 models at 5 mm; 6 models at 15 mm; 76 models at 10 mm
- A total of 8 phones (9%) were non-compliant with Safety Code 6 limits.

Based on Dr. Gandhi's findings	Using 10% increase	Using 15% increase	Using 30% increase*
# phones > SC6 SAR at 0 mm distance	84	89	90
% of non-compliant cell phones	93.3%	98.9%	100%

^{*}According to Dr. Gandhi this is the most likely.



What is the SAR when a cell phone is held next to the body? Varies with models. 1st example – the Sky Phone

Safety Code 6 limit: SAR: Body 1.6 W/kg

Year	Manufacturer	Model
2017/2018	Sky Phone	Platinum

ISED test results	ISED test results with dis	stance adjustment using Di	r. Om Gandhi's estimates
ISED - Max Body SAR	Gandhi - SAR: Body SAR	Gandhi - SAR: Body SAR	Gandhi - SAR: Body SAR
Distance: 5 mm	Distance: 0 mm	Distance: 0 mm	Distance: 0 mm
	10%/mm increase	15%/mm increase	30%/mm increase
2.68 W/kg	4.317 W/kg	5.389 W/kg	9.951 W/kg

1.7 times > SC6 2.7 times > SC6 3.4 tim

3.4 times > SC6

6.2 times > SC6

Non Compliance Resolution Steps

ISED expedited a request to Health Canada for a health impact assessment. Health Canada confrimed the levels were below the threshold for any adverse health effects. ISED immediately engaged the manufactruer to initiate a resolution. The manufacturer provided an automated mandatory firmware update to the devices which reduced the output power. ISED evaluated the device following the firmware udate and confirmed the device was brought back into compliance.



What is the SAR when a cell phone is held next to the body? Varies with models. 2nd example – the Razer

Safety Code 6 limit: SAR: Body 1.6 W/kg

Year	Manufacturer	Model
2017/2018	Razer	RZ35-0259

ISED test results	ISED test results with distance adjustment using Dr. Om Gandhi's estimates		
ISED - Max Body SAR Distance: 10 mm	Gandhi - SAR: Body SAR Distance: 0 mm 10%/mm increase	Gandhi - SAR: Body SAR Distance: 0 mm 15%/mm increase	Gandhi - SAR: Body SAR Distance: 0 mm 30%/mm increase
4.35 W/kg	11.290 W/kg	17.641 W/kg	59.972 W/kg
2.7 times > SC6	7 times > SC6	11 times > SC6	37.5 times > SC6

Non Compliance Resolution Steps

ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed that the levels were below the threshold for any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. This is an ongoing investigation so not further information is available at this time.



Health Impact Assessment - Only One

Safety Code 6 limit: SAR: Body 1.6 W/kg

Statements for Sky Phone Int. Model: Platinum 4.0

"The SAR-based exposure limits specified in Health Canada's Safety Code 6 are based on avoiding established adverse effects in humans related to tissue heating."

"The pk-SAR limit of 1.6 W/kg in Safety Code 6 is also far below the threshold for the induction of cataracts in the eye, which has been observed to have a threshold of approximately 100 W/kg."

"Based upon the information received from ISED on the incident electric field characteristics and a reported pk-SAR exposure level of 8.02 W/kg (averaged over 1 g of tissue in the flat phantom model) from the device under test, Health Canada has estimated the localized tissue temperature rise from a sustained radiofrequency field exposure at this intensity."

"The estimated skin temperature increase is below the threshold for any established adverse health effects to the skin (e.g. pain and/or tissue damage)."

ISED reported SAR 2.68 W/kg at 5 mm distance.

Health Canada reported SAR 8.02 W/kg at 0 mm distance.

"Health Canada recommends adherence to the human exposure limits outlined in Safety Code 6."



What is the limit for cell phone emissions?

Safety Code 6 limit:

SAR: Body 1.6 W/kg

MY QUESTION to ISED: What is the safety threshold for cell phone emissions?

Health Canada Statement, May 24, 2022:

"Absorbed RF energy is known to result in tissue heating, which is the only established adverse human health effect established within the 100 kHz–300 GHz frequency range. As such, it is possible to estimate the health impacts of exceeding the SAR limits by estimating the resulting temperature increase in human tissue from exposure to RF energy using numerical modelling....

Ultimately, Health Canada bases its judgement on possible adverse effects from RF exposure by comparing the estimated tissue temperature increase to the ICNIRP tissue temperature thresholds



Beware

The Canadian public is using cell phones, which have been banned or recalled by other countries, and are being exposed to extremely high levels of radiation by devices used close to or in direct contact with heads and other parts of the body. Children are using these devices in school and some are sleeping with them.

Why do Canadians not deserve at the least to know that their cell phones are non-compliant with Health Canada's own Safety Code 6 guidelines?

International experts, physicians and scientists independent of industry influence are warning us the so-called safety standards such as Safety Code 6 are outdated and severely inadequate.



What about wireless devices other than cell phones?

Safety Code 6 limit: SAR: Body 1.6 W/kg

August 4, 2022, ISED:

"Lastly, ISED does have the ability to test Wi-Fi emitting devices designed to operate in close proximity to end-users and we are planning to perform market surveillance audits on such devices this year."



March 2023 Outstanding Questions to Health Canada & ISED

- When will I receive the other 7 health assessments?
- What are the "tailored compliance investigations" of products found to be non-compliant in France?
- Were phones that failed compliance tests in France and the U.S. tested by ISED to determine if SAR levels were exceeded or not, and, if they were, what protocol was used?
- Were tests done both prior to and after the period covered in the report,
 e.g. 2015/16 to 2020/21? If so, provide reports.
- Have any cell phones been recalled?
- Does ISED limit its testing to cell phones only?
- Are other intentionally RF-emitting devices (tablets, connected watch, etc.) that people are wearing or using close to their bodies tested and, if so, by whom?



Take-home message

ISED has tested very few phones, only 90 in the years 2015 to2021, and, as far as I know, none since.

Of those 90 phones, most, if not all, would have exceeded Health Canada's Safety Code 6 SAR limit of 1.6 W/kg if tested as used – close or next to the body.

The slow and inadequate responses over the last nearly 3 years show that neither Health Canada nor ISED wants us to know that nothing is being done to protect cell phone users, despite the 1000s of studies by many world-renowned scientists showing that exposure to radiofrequency radiation at levels far below those allowed by Safety Code 6 can be biologically harmful.

We now have evidence to show that Health Canada and ISED ignore Safety Code 6 and that the devices being sold and used widely, especially by children, do not meet even the outdated, deficient guidelines established decades ago – Safety Code 6.

This is scandalous and must be brought to the attention of the public and to the Canadian Parliament's Health Committee (HESA).

A hidden scandal it is, and it must be exposed for what it is.



Thank you

with

Special thanks to Dr. Om Gandhi and to Dr. Marc Arazi, President of



To subscribe to my Monday to Friday UPDATE, send an email to me at citizensforsafertech@shaw.ca and put SUBSCRIBE in the subject line.



Supplemental Material

Roe, Sam. "Testing Cellphones for Radiofrequency Radiation: How

We Did It." Chicagotribune.Com, August 21, 2019.

https://www.chicagotribune.com/investigations/ct-cell-phone-

radiation-testing-methodology--20190821-

whddrljk6fbmxoqh25u5t7lkb4-story.html.

Calculations based on Dr. Gandhi's findings. An example using a Sky Phone model.

Safety Code 6 limit: SAR: Body 1.6 W/kg

Using Dr. Om Gandhi's estimates, SKY Platinum's SAR increased by 30% per millimeter.

ISED's SAR at 5mm from the body: 2.68 W/g

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at 4 mm = 2.68 x 1.3 = 3.48
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at
$$3 \text{ mm} = 3.48 \times 1.3 = 4.53$$

LIMITS OF HUMAN EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC ENERGY IN THE FREQUENCY RANGE 3 FROM KHZ TO 300 KHZ

2.1.2 Specific Absorption Rate Limits (100 kHz–6 GHz)

The SAR is a measure of the rate at which electromagnetic energy is absorbed in the body. Basic restrictions for SAR are intended to prevent the occurrence of thermal effects from RF energy exposure on the body. At frequencies between 100 kHz and 6 GHz, the SAR limits (Table 2) take precedence over field strength and power density reference levels (Section 2.2) and shall not be exceeded.

The SAR should be determined for situations where exposures occur at a distance of 0.2 m or less from the source. In all cases, the values in Table 2 shall not be exceeded. For conditions where SAR determination is impractical, external unperturbed field strength or power density measurements shall be carried out and the limits outlined in Section 2.2 shall be respected.

TABLE 2: Specific Absorption Rate Basic Restrictions (100 kHz–6 GHz)

	SAR Basic Restriction (W/kg)**		
CONDITION	Uncontrolled Environment	Controlled Environment	
The SAR averaged over the whole body mass.	0.08	0.4	
The peak spatially-averaged SAR for the head, neck and trunk, averaged over any 1 g of tissue*	1.6	8	
The peak spatially-averaged SAR in the limbs, averaged over any 10 g of tissue*	4	20	

Defined as a tissue volume in the shape of a cube.

Safety Code 6 (2015) Page 5, Table 2



... SAR limits ... shall not be exceeded



1.6 W/kg

^{**} Averaged over any 6 minute reference period.

Year	Manufacturer	Model	IC
2017/2018	Sky Phone	PLATINUM 4.0	20021-SKYPLAT40

Max SAR	Limit	Averaging Mass	ISED Measurement Distance
Head: 0.892 W/kg	Head: 1.6 W/kg	Head: 1g	Head: 0mm
Body: 2.68 W/kg	Body: 1.6 W/kg	Body: 1g	Body: 5mm

ISED test results
with distance
adjustment using
Dr. Om Gandhi's
estimates

Body SAR @ 5mm inc. 10%/mm	Body SAR @5mm inc. 15%/mm
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Sample Source	Complaint	
Off the shelf	No	

Non Compliance Resolution Steps

ISED expedited a request to Health Canada for a health impact assessment. Health Canada confrimed the levels were below the threshold for any adverse health effects. ISED immediately engaged the manufactruer to initiate a resolution. The manufacturer provided an automated mandatory firmware update to the devices which reduced the output power. ISED evaluated the device following the firmware udate and confirmed the device was brought back into compliance.

Year	Manufacturer	Model	IC
2020/2021	Razer Inc.	RZ35-0259	8092D-RZ350259

Max SAR	Limit	Averaging Mass	ISED Measurement Distance
Head: 1.39 W/kg (1g)	Head: 106 W/kg	Head: 1g	Head: 0mm
Body: 4.35 W/kg (1g)	Body: 1.6 W/kg	Body: 1g	Body: 10mm

Body SAR @ 5mm inc. 10%/mm	Body SAR @5mm inc. 15%/mm
7.008	8.748

Body SAR @ 5mm inc. 30%/mm	Body SAR @ 0mm inc. 10%/mm	Body SAR @0mm inc 15%/mm
16.152	11.290	17.641

Body SAR@0 mm 30% inc /mm	Assessment Type
59.972	SAR

Sample Source	Complaint
Off the shelf	No

Non Compliance Resolution Steps

ISED expedited a request to Health Canada for a health impact assessment. Health Canada confirmed that the levels were below the threshold for any adverse health effects. ISED immediately engaged the manufacturer to initiate a resolution. This is an ongoing investigation so not further information is available at this time.

ISED test results with distance adjustment using Dr. Om Gandhi's estimates



Audits and Market Surveillance Program

MY QUESTION:

"Health Canada also administers the Radiation Emitting Devices Act (REDA), which governs the sale, lease and importation of radiation emitting devices in Canada. The Radiation Emitting Device Regulations set out radiation safety standards for labelling, construction and performance for certain classes of radiation emitting devices; these are the prescribed "standards" referred to in paragraph 4(a) of the Act, which deals with prohibitions."

"In France and in the U.S., hundreds of cell phones were found to exceed the 2.0W/kg limits by many times. In France, many of these cell phones were withdrawn from the market and those in use were recalled. Health Canada's Safety Code 6 limit is stricter than France's, yet many of the cell phones found to have exceeded Canada's SAR limit, for example the Razer Phone 2, are still being used and sold in Canada. Can you please explain why the Radiation Emitting Devices Act has not been enforced by ISED with regard to these devices?"

ISED RESPONSE: August 21, 2020 to ISED about its stated market surveillance program and possible non-compliance.

"ISED also maintains a market surveillance program, which audits and evaluates a sampling of wireless devices currently on the Canadian market on an ongoing basis. The market surveillance program helps to ensure that wireless devices available to Canadians continue to meet the RF exposure requirements. If a wireless device is found to be in non-compliance, ISED will take immediate actions."

Exchange of emails and then this response:

ISED RESPONSE: October 29, 2020:

"ISED does not release audit information publicly in order to protect the robustness of our market surveillance program."

"A small number of devices have been found to be non-compliant within this timeframe. In all cases of non-compliance, ISED worked with the equipment manufacturer to bring the product back into full compliance following the receipt of confirmation from Health Canada that the levels measured were below the threshold for any adverse health effects to end-users."



Audits and Health Impact Assessment

Safety Code 6 limit: SAR: Body 1.6 W/kg

MY QUESTION: What is the safety threshold for cell phone emissions?

RESPONSE FROM ISED: March 25, 2022:

"Currently, when a device is tested and the audit concludes that the device is within the Canadian RF exposure limits, ISED does not routinely notify the equipment manufacture of these results. However, in the case where a device exceeds the RF exposure limits, an RF energy health impact assessment is undertaken. These assessments examine whether there is potential for the occurrence of scientifically established adverse health effects. If an assessment determines that no adverse health impacts are expected, ISED does not publish these results, but continues to engage with the parties involved to find a resolution and bring the device back into compliance. If a health impact assessment were to determine that a device poses a risk, ISED would take immediate steps to protect the health of Canadians, including making the information available to the public expeditiously."