FCC SAR Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	10814
FCC ID	:	IHDT56WC2
STANDARD	:	FCC 47 CFR Part 2 (2.1093) ANSI/IEEE C95.1-1992 IEEE 1528-2013

We, Sporton International (KunShan) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and had been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (KunShan) INC., the test report shall not be reproduced except in full.

Mark Qu

Prepared by: Mark Qu / Manager

Jones Tsai

Approved by: Jones Tsai / Manager

Sporton International (KunShan) INC.
No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA721503-01	Rev. 01	Initial issue of report	Apr. 13, 2017

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for **Motorola Mobility LLC, Mobile Cellular Phone, 10814** are as follows.

Equipment Class	Frequency Band		Highest SAR Summary			Highest Simultaneous Transmission 1g SAR (W/kg)
			Head (Separation 0mm)	Body-worn (Separation 10mm)	Hotspot (Separation 10mm)	
			1g SAR (W/kg)			
Licensed	GSM	GSM850	0.62	1.07	1.07	1.59
		GSM1900	0.42	0.60	0.60	
	WCDMA	Band V	0.62	**1.17**	**1.18**	
		Band IV	**1.17**	0.86	0.86	
		Band II	1.14	0.62	0.62	
	LTE	Band 12/Band 17	0.39	0.78	0.78	
		Band 13	0.40	0.79	0.79	
		Band 26/Band 5	0.42	1.08	1.11	
		Band 66/Band 4	1.13	0.80	0.80	
		Band 25/Band 2	0.93	0.64	0.64	
		Band 7	1.10	1.07	1.07	
		Band 41/Band 38	0.34	0.93	0.93	
DTS	WLAN	2.4GHz WLAN	0.65	0.21	0.21	1.58
NII		5GHz WLAN	1.03	0.55	0.55	1.59
DSS	2.4GHz Band	Bluetooth				1.42
Date of Testing:			2017/3/1 ~ 2017/3/12			

This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

2. Administration Data

Testing Site	
Test Site	Sporton International (KunShan) INC.
Test Site Location	No.3-2, Pingxiang Road, Kunshan Development Zone, Jiangsu, China TEL: +86-0512-5790-0158 FAX: +86-0512-5790-0958

Applicant	
Company Name	Motorola Mobility LLC
Address	222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

Manufacturer	
Company Name	Motorola Mobility LLC
Address	222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

3. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- FCC KDB 941225 D01 3G SAR Procedures v03r01
- FCC KDB 941225 D05 SAR for LTE Devices v02r05
- FCC KDB 941225 D06 Hotspot Mode SAR v02r01

4. Equipment Under Test (EUT) Information

4.1 General Information

Product Feature & Specification	
Equipment Name	Mobile Cellular Phone
Brand Name	Motorola
Model Name	10814
FCC ID	IHDT56WC2
IMEI Code	353308080013195
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 MHz LTE Band 26: 814.7 MHz ~ 848.3 MHz LTE Band 38: 2572.5 MHz ~ 2617.5 MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 1710.7 MHz ~1779.3 MHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5720 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Mode	· GSM/GPRS/EGPRS · RMC/AMR 12.2Kbps · HSDPA · HSUPA · DC-HSDPA · HSPA+ (16QAM uplink is not supported) · LTE: QPSK, 16QAM · 802.11b/g/n HT20 · 802.11a/n HT20/HT40 · Bluetooth v3.0 + EDR, Bluetooth v4.0 LE, Bluetooth v4.1 LE Bluetooth v4.2 LE
HW Version	DVT2
SW Version	fastboot_perry_metropcs_oem_metropcs_userdebug_7.1.1_NCQ26.50_676_intcfg-test-keys_metropcs.tar
GSM / (E)GPRS Transfer mode	Class B – EUT cannot support Packet Switched and Circuit Switched Network simultaneously but can automatically switch between Packet and Circuit Switched Network.
EUT Stage	Identical Prototype

Remark:

1. 802.11n-HT40 is not supported in 2.4GHz WLAN.
2. This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
3. This device 2.4GHz WLAN/5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz / 5.5GHz supports WiFi Direct (GC only).
4. This device does not support DTM operation.
5. This device supports GRPS/EGRPS mode up to multi-slot class 12.
6. When the phone is in talking mode, receiver worked, all WWAN power are full power.
7. When the phone is in talking mode and receiver worked, then power reduction will be implemented immediately in

WLAN 5.5/5.8GHz.

8. The device employs proximity sensors that detect the presence of the user's body at the front or back faces of the device. When front or back body worn condition is detected, WCDMA band II/IV and LTE band 2/4/7/25/66 reduced power will be active. (P-sensor can't work at detecting presence of the user's body at the four edges of the device.)
9. When WLAN hotspot worked, WCDMA band II/IV and LTE band 2/4/7/25/66 reduced power will be active.
10. This device hotspot reduced power and P-sensor reduced power level are the same. So only show one reduced power level for hotspot reduced power and P-sensor reduced power for this application.

4.2 General LTE SAR Test and Reporting Considerations

<table>
<tr><th colspan="2">Summarized necessary items addressed in KDB 941225 D05 v02r05</th></tr>
<tr><td>FCC ID</td><td>IHDT56WC2</td></tr>
<tr><td>Equipment Name</td><td>Mobile Cellular Phone</td></tr>
<tr><td>Operating Frequency Range of each LTE transmission band</td><td>LTE Band 2: 1850.7 MHz ~ 1909.3 MHz
LTE Band 4: 1710.7 MHz ~ 1754.3 MHz
LTE Band 5: 824.7 MHz ~ 848.3 MHz
LTE Band 7: 2502.5 MHz ~ 2567.5 MHz
LTE Band 12: 699.7 MHz ~ 715.3 MHz
LTE Band 13: 779.5 MHz ~ 784.5 MHz
LTE Band 17: 706.5 MHz ~ 713.5 MHz
LTE Band 25: 1850.7 MHz ~ 1914.3 MHz
LTE Band 26: 814.7 MHz ~ 848.3 MHz
LTE Band 38: 2572.5 MHz ~ 2617.5 MHz
LTE Band 41: 2498.5 MHz ~ 2687.5 MHz
LTE Band 66: 1710.7 MHz ~1779.3 MHz</td></tr>
<tr><td>Channel Bandwidth</td><td>LTE Band 2:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 4:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 5:1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 12:1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 13: 5MHz, 10MHz
LTE Band 17: 5MHz, 10MHz
LTE Band 25:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 26:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 66: 1.4MHz, 3MHz,5MHz, 10MHz, 15MHz, 20MHz</td></tr>
<tr><td>Uplink Modulations Used</td><td>QPSK, and 16QAM</td></tr>
<tr><td>LTE Voice / Data requirements</td><td>Voice and Data</td></tr>
<tr><td>LTE MPR Permanently Built-in by Design</td><td>Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3
<table>
<tr><th rowspan="2">Modulation</th><th colspan="6">Channel bandwidth / Transmission bandwidth (RB)</th><th rowspan="2">MPR (dB)</th></tr>
<tr><th>1.4 MHz</th><th>3.0 MHz</th><th>5 MHz</th><th>10 MHz</th><th>15 MHz</th><th>20 MHz</th></tr>
<tr><td>QPSK</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 1</td></tr>
<tr><td>16 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 1</td></tr>
<tr><td>16 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 2</td></tr>
</table></td></tr>
<tr><td>LTE A-MPR</td><td>In the base station simulator configuration, Network Setting value is set to NS_01 to disable A-MPR during SAR testing and the LTE SAR tests was transmitting on all TTI frames (Maximum TTI)</td></tr>
<tr><td>Spectrum Plots for RB Configuration</td><td>A properly configured base station simulator was used for the SAR and power measurement; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.</td></tr>
<tr><td>Power reduction applied to satisfy SAR compliance</td><td>Yes,
1. When operating in hotspot mode, WWAN WCDMA band II/IV, LTE Band 2/4/7/25/66 power reduction applied to satisfy SAR compliance.
2. When front or back body worn condition is detected, WCDMA band II/IV and LTE band 2/4/7/25/66 reduced power will be active. (P-sensor can't work at detecting presence of the user's body at the four edges of the device.)
3. When the phone is in talking mode and receiver worked, then power reduction will be implemented immediately in WLAN 5.5/5.8GHz.</td></tr>
<tr><td>LTE Release Version</td><td>R8, Cat 4</td></tr>
<tr><td>CA Support</td><td>No</td></tr>
</table>

Transmission (H, M, L) channel numbers and frequencies in each LTE band												
LTE Band 2												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	18607	1850.7	18615	1851.5	18625	1852.5	18650	1855	18675	1857.5	18700	1860
M	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880
H	19193	1909.3	19185	1908.5	19175	1907.5	19150	1905	19125	1902.5	19100	1900
LTE Band 4												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	19957	1710.7	19965	1711.5	19975	1712.5	20000	1715	20025	1717.5	20050	1720
M	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5
H	20393	1754.3	20385	1753.5	20375	1752.5	20350	1750	20325	1747.5	20300	1745
LTE Band 5								
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20407	824.7	20415	825.5	20425	826.5	20450	829
M	20525	836.5	20525	836.5	20525	836.5	20525	836.5
H	20643	848.3	20635	847.5	20625	846.5	20600	844
LTE Band 7								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20775	2502.5	20800	2505	20825	2507.5	20850	2510
M	21100	2535	21100	2535	21100	2535	21100	2535
H	21425	2567.5	21400	2565	21375	2562.5	21350	2560
LTE Band 12								
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	23017	699.7	23025	700.5	23035	701.5	23060	704
M	23095	707.5	23095	707.5	23095	707.5	23095	707.5
H	23173	715.3	23165	714.5	23155	713.5	23130	711
LTE Band 13				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq.(MHz)
L	23205	779.5	23230	782
M	23230	782		
H	23255	784.5		
LTE Band 17				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq. (MHz)
L	23755	706.5	23780	709
M	23790	710	23790	710
H	23825	713.5	23800	711
LTE Band 25												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26047	1850.7	26055	1851.5	26065	1852.5	26090	1855	26115	1857.5	26140	1860
M	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880
H	26683	1914.3	26675	1913.5	26665	1912.5	26640	1910	26615	1907.5	26590	1905

LTE Band 26										
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26697	814.7	26705	815.5	26715	816.5	26740	819	26765	821.5
M	26865	831.5	26865	831.5	26865	831.5	26865	831.5	26865	831.5
H	27033	848.3	27025	847.5	27015	846.5	26990	844	26965	841.5

LTE Band 38								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	37775	2572.5	37800	2575	37825	2577.5	37850	2580
M	38000	2595	38000	2595	38000	2595	38000	2595
H	38225	2617.5	38200	2615	38175	2612.5	38150	2610

LTE Band 41								
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	39675	2498.5	39700	2501	39725	2503.5	39750	2506
LM	40148	2545.8	40160	2547	40173	2548.3	40185	2549.5
M	40620	2593	40620	2593	40620	2593	40620	2593
HM	41093	2640.3	41080	2639	41068	2637.8	41055	2636.5
H	41565	2687.5	41540	2685	41515	2682.5	41490	2680

LTE Band 66												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	131979	1710.7	131987	1711.5	131997	1712.5	132022	1715	132047	1717.5	132072	1720
M	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745
H	132665	1779.3	132657	1778.5	132647	1777.5	132622	1775	132597	1772.5	132572	1770

5. Re-use of Measured Data

5.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: 10814, FCC ID: IHDT56WC2) is electrically identical to the reference device (Model: 10643, FCC ID: IHDT56WC1) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 178919 D01.

5.2 Difference Section

For details concerning the similarity with respect to component placement, mechanical/electrical design etc., please refer to the Product Equality Declaration “PED” file.

The re-used RF data includes the following bands provided in Appendix A (Sporton RF Report No. FA721503 for the reference device Model: 10643, FCC ID: IHDT56WC1):

- GSM850/1900,
- WCDMA Band V/IV/II,
- LTE Band 2/4/5/7/12/13/17/25/26/38/41/66
- 2.4G WLAN
- 5G WLAN
- Bluetooth

Spot check for WWAN and WLAN are performed for ensure that SAR measurement for both device are the same. So, the original SAR value can represent this application.

5.3 Spot Check Verification Data Section

Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Power Reduction	Original model (FCC ID: IHDT56WC1)				Spot check model (FCC ID: IHDT56WC2)				Deviation
											Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Average Power (dBm)	Tune-Up Limit (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	
WCDMA Band IV	-	-	-	-	RMC 12.2Kbps	Left Cheek	-	1513	1752.6	OFF	22.73	24	0.870	1.166	22.73	24	1.01	1.353	16.04%
WCDMA Band II	-	-	-	-	RMC 12.2Kbps	Left Cheek	-	9262	1852.4	OFF	22.96	24	0.899	1.142	22.96	24	0.750	0.953	-16.55%
LTE Band 66	20M	QPSK	1RB	49offset	-	Left Cheek	-	132572	1770	OFF	22.43	24	0.788	1.131	22.43	24	0.703	1.009	-10.79%
LTE Band 25	20M	QPSK	1RB	0offset	-	Left Cheek	-	26140	1860	OFF	22.66	24	0.685	0.933	22.66	24	0.590	0.803	-13.93%
LTE Band 7	20M	QPSK	1RB	49offset	-	Left Cheek	-	21100	2535	OFF	22.97	24	0.864	1.095	22.97	24	0.694	0.88	-19.63%
WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	-	11	2462	OFF	18.14	19	0.518	0.647	18.14	19	0.590	0.737	13.91%
WLAN5.3GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	-	60	5300	OFF	16.17	17	0.676	0.938	16.17	17	0.700	0.971	3.52%
WLAN5.5GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	-	144	5720	ON	12.33	14	0.609	1.025	12.33	14	0.493	0.830	-19.02%
WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	-	165	5825	ON	12.61	14	0.613	0.967	12.61	14	0.541	0.854	-11.69%
GSM850	-	-	-	-	GPRS(4 Tx slots)	Back	10	189	836.4	OFF	25.84	27.5	0.730	1.070	25.84	27.5	0.593	0.869	-18.79%
GSM1900	-	-	-	-	GPRS(4 Tx slots)	Back	10	810	1909.8	OFF	23.04	24.5	0.429	0.600	23.04	24.5	0.376	0.526	-12.33%
WCDMA Band V	-	-	-	-	RMC 12.2Kbps	Right side	10	4132	826.4	OFF	22.81	24	0.899	1.182	22.81	24	0.73	0.960	-18.78%
LTE Band 12	10M	QPSK	1RB	25offset	-	Back	10	23095	707.5	OFF	22.52	24	0.552	0.776	22.52	24	0.572	0.804	3.61%
LTE Band 13	10M	QPSK	1RB	25offset	-	Right side	10	23230	782	OFF	22.9	24	0.612	0.788	22.9	24	0.559	0.720	-8.63%
LTE Band 26	15M	QPSK	1RB	37offset	-	Left side	10	26865	831.5	OFF	22.9	24	0.865	1.114	22.9	24	0.693	0.893	-19.84%
LTE Band 41	20M	QPSK	1RB	49offset	-	Bottom side	10	41055	2636.5	OFF	22.51	24	0.658	0.933	22.51	24	0.78	1.106	18.54%

Note: In the table above, all the deviation of SAR test results are compliant with uncertainty budget.

5.4 Reference detail Section

Equipment Class	Reference FCC ID	Folder Test/RF Exposure	Report Title/Section
PCE (2G/3G/4G)	IHDT56WC1	RF Exposure(FA721503)	All sections applicable
DTS (BLE)	IHDT56WC1	RF Exposure(FA721503)	All sections applicable
DSS (BER)	IHDT56WC1	RF Exposure(FA721503)	All sections applicable
DTS (WLAN)	IHDT56WC1	RF Exposure(FA721503)	All sections applicable
NII (WLAN)	IHDT56WC1	RF Exposure(FA721503)	All sections applicable

6. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			Note
		Head	Body-worn	Hotspot	
1.	GSM Voice + WLAN2.4GHz	Yes	Yes		
2.	GPRS/EDGE + WLAN2.4GHz	Yes	Yes	Yes	Hotspot
3.	WCDMA + WLAN2.4GHz	Yes	Yes	Yes	Hotspot
4.	LTE + WLAN2.4GHz	Yes	Yes	Yes	Hotspot
5.	GSM Voice + WLAN5.3/5.5GHz	Yes	Yes		
6.	GPRS/EDGE + WLAN5.3/5.5GHz	Yes	Yes		WWAN VoIP
7.	WCDMA + WLAN5.3/5.5GHz	Yes	Yes		WWAN VoIP
8.	LTE + WLAN5.3/5.5GHz	Yes	Yes		WWAN VoIP
9.	GSM Voice + WLAN5.2/5.8GHz	Yes	Yes	Yes	
10.	GPRS/EDGE + WLAN5.2/5.8GHz	Yes	Yes	Yes	WWAN VoIP
11.	WCDMA + WLAN5.2/5.8GHz	Yes	Yes	Yes	WWAN VoIP
12.	LTE + WLAN5.2/5.8GHz	Yes	Yes	Yes	WWAN VoIP
13.	GSM Voice + Bluetooth		Yes		
14.	GPRS/EDGE + Bluetooth		Yes		WWAN VoIP
15.	WCDMA + Bluetooth		Yes		WWAN VoIP
16.	LTE + Bluetooth		Yes		WWAN VoIP

6.1 Head Exposure Conditions Head Exposure Conditions

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN 1g SAR (W/kg)	3 5.3GHz WLAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+2 SPLSR	1+2 Case No	1+3 SPLSR	1+3 Case No
GSM	GSM850	Right Cheek	0.618	0.647	0.613	1.27	1.23				
		Right Tilted	0.454	0.647	0.688	1.10	1.14				
		Left Cheek	0.595	0.647	0.776	1.24	1.37				
		Left Tilted	0.468	0.510	0.938	0.98	1.41				
	GSM1900	Right Cheek	0.325	0.647	0.613	0.97	0.94				
		Right Tilted	0.146	0.647	0.688	0.79	0.83				
		Left Cheek	0.418	0.647	0.776	1.07	1.19				
		Left Tilted	0.141	0.510	0.938	0.65	1.08				
WCDMA	Band II	Right Cheek	0.870	0.647	0.613	1.52	1.48				
		Right Tilted	0.493	0.647	0.688	1.14	1.18				
		Left Cheek	1.142	0.647	0.776	**1.79**	**1.92**	**0.03**	**1**	**0.03**	**2**
		Left Tilted	0.487	0.510	0.938	1.00	1.43				
	Band IV	Right Cheek	0.685	0.647	0.613	1.33	1.30				
		Right Tilted	0.460	0.647	0.688	1.11	1.15				
		Left Cheek	1.166	0.647	0.776	**1.81**	**1.94**	**0.03**	**3**	**0.03**	**4**
		Left Tilted	0.420	0.510	0.938	0.93	1.36				
	Band V	Right Cheek	0.621	0.647	0.613	1.27	1.23				
		Right Tilted	0.466	0.647	0.688	1.11	1.15				
		Left Cheek	0.567	0.647	0.776	1.21	1.34				
		Left Tilted	0.463	0.510	0.938	0.97	1.40				

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN 1g SAR (W/kg)	3 5.3GHz WLAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+2 SPLSR	1+2 Case No	1+3 SPLSR	1+3 Case No
LTE	Band 12	Right Cheek	0.388	0.647	0.613	1.04	1.00				
		Right Tilted	0.249	0.647	0.688	0.90	0.94				
		Left Cheek	0.381	0.647	0.776	1.03	1.16				
		Left Tilted	0.264	0.510	0.938	0.77	1.20				
	Band 13	Right Cheek	0.402	0.647	0.613	1.05	1.02				
		Right Tilted	0.329	0.647	0.688	0.98	1.02				
		Left Cheek	0.374	0.647	0.776	1.02	1.15				
		Left Tilted	0.317	0.510	0.938	0.83	1.26				
	Band 26	Right Cheek	0.423	0.647	0.613	1.07	1.04				
		Right Tilted	0.319	0.647	0.688	0.97	1.01				
		Left Cheek	0.406	0.647	0.776	1.05	1.18				
		Left Tilted	0.332	0.510	0.938	0.84	1.27				
	Band 25	Right Cheek	0.724	0.647	0.613	1.37	1.34				
		Right Tilted	0.368	0.647	0.688	1.02	1.06				
		Left Cheek	0.933	0.647	0.776	**1.58**	**1.71**			**0.02**	**7**
		Left Tilted	0.391	0.510	0.938	0.90	1.33				
	Band 7	Right Cheek	0.528	0.647	0.613	1.18	1.14				
		Right Tilted	0.428	0.647	0.688	1.08	1.12				
		Left Cheek	1.095	0.647	0.776	**1.74**	**1.87**	**0.03**	**8**	**0.03**	**9**
		Left Tilted	0.356	0.510	0.938	0.87	1.29				
	Band 41	Right Cheek	0.161	0.647	0.613	0.81	0.77				
		Right Tilted	0.170	0.647	0.688	0.82	0.86				
		Left Cheek	0.338	0.647	0.776	0.99	1.11				
		Left Tilted	0.123	0.510	0.938	0.63	1.06				
	Band 66	Right Cheek	0.722	0.647	0.613	1.37	1.34				
		Right Tilted	0.503	0.647	0.688	1.15	1.19				
		Left Cheek	1.131	0.647	0.776	**1.78**	**1.91**	**0.03**	**10**	**0.03**	**11**
		Left Tilted	0.446	0.510	0.938	0.96	1.38				

WWAN Band		Exposure Position	1	4	5	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+4 SPLSR	1+4 Case No	1+5 SPLSR	1+5 Case No
			WWAN	5.5GHz WLAN	5.8GHz WLAN						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM	GSM850	Right Cheek	0.618	0.330	0.604	0.95	1.22				
		Right Tilted	0.454	0.376	0.669	0.83	1.12				
		Left Cheek	0.595	0.413	0.784	1.01	1.38				
		Left Tilted	0.468	1.025	0.967	1.49	1.44				
	GSM1900	Right Cheek	0.325	0.330	0.604	0.66	0.93				
		Right Tilted	0.146	0.376	0.669	0.52	0.82				
		Left Cheek	0.418	0.413	0.784	0.83	1.20				
		Left Tilted	0.141	1.025	0.967	1.17	1.11				
WCDMA	Band II	Right Cheek	0.870	0.330	0.604	1.20	1.47				
		Right Tilted	0.493	0.376	0.669	0.87	1.16				
		Left Cheek	1.142	0.413	0.784	1.56	**1.93**			**0.03**	**12**
		Left Tilted	0.487	1.025	0.967	1.51	1.45				
	Band IV	Right Cheek	0.685	0.330	0.604	1.02	1.29				
		Right Tilted	0.460	0.376	0.669	0.84	1.13				
		Left Cheek	1.166	0.413	0.784	1.58	**1.95**			**0.03**	**13**
		Left Tilted	0.420	1.025	0.967	1.45	1.39				
	Band V	Right Cheek	0.621	0.330	0.604	0.95	1.23				
		Right Tilted	0.466	0.376	0.669	0.84	1.14				
		Left Cheek	0.567	0.413	0.784	0.98	1.35				
		Left Tilted	0.463	1.025	0.967	1.49	1.43				

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	4 5.5GHz WLAN 1g SAR (W/kg)	5 5.8GHz WLAN 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+4 SPLSR	1+4 Case No	1+5 SPLSR	1+5 Case No
LTE	Band 12	Right Cheek	0.388	0.330	0.604	0.72	0.99				
		Right Tilted	0.249	0.376	0.669	0.63	0.92				
		Left Cheek	0.381	0.413	0.784	0.79	1.17				
		Left Tilted	0.264	1.025	0.967	1.29	1.23				
	Band 13	Right Cheek	0.402	0.330	0.604	0.73	1.01				
		Right Tilted	0.329	0.376	0.669	0.71	1.00				
		Left Cheek	0.374	0.413	0.784	0.79	1.16				
		Left Tilted	0.317	1.025	0.967	1.34	1.28				
	Band 26	Right Cheek	0.423	0.330	0.604	0.75	1.03				
		Right Tilted	0.319	0.376	0.669	0.70	0.99				
		Left Cheek	0.406	0.413	0.784	0.82	1.19				
		Left Tilted	0.332	1.025	0.967	1.36	1.30				
	Band 25	Right Cheek	0.724	0.330	0.604	1.05	1.33				
		Right Tilted	0.368	0.376	0.669	0.74	1.04				
		Left Cheek	0.933	0.413	0.784	1.35	**1.72**			**0.02**	**15**
		Left Tilted	0.391	1.025	0.967	1.42	1.36				
	Band 7	Right Cheek	0.528	0.330	0.604	0.86	1.13				
		Right Tilted	0.428	0.376	0.669	0.80	1.10				
		Left Cheek	1.095	0.413	0.784	1.51	**1.88**			**0.03**	**16**
		Left Tilted	0.356	1.025	0.967	1.38	1.32				
	Band 41	Right Cheek	0.161	0.330	0.604	0.49	0.77				
		Right Tilted	0.170	0.376	0.669	0.55	0.84				
		Left Cheek	0.338	0.413	0.784	0.75	1.12				
		Left Tilted	0.123	1.025	0.967	1.15	1.09				
	Band 66	Right Cheek	0.722	0.330	0.604	1.05	1.33				
		Right Tilted	0.503	0.376	0.669	0.88	1.17				
		Left Cheek	1.131	0.413	0.784	1.54	**1.92**			**0.03**	**17**
		Left Tilted	0.446	1.025	0.967	1.47	1.41				

6.2 Hotspot Exposure Conditions

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN 1g SAR (W/kg)	3 5.2GHz WLAN 1g SAR (W/kg)	4 5.8GHz WLAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+3 SPLSR	1+3 Case No	1+4 SPLSR	1+4 Case No
GSM	GSM850	Front	0.775	0.209	0.216	0.231	0.98	0.99	1.01				
		Back	1.070	0.209	0.436	0.516	1.28	1.51	1.59				
		Left side	0.960				0.96	0.96	0.96				
		Right side	1.060	0.209	0.045	0.085	1.27	1.11	1.15				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.091				0.09	0.09	0.09				
	GSM1900	Front	0.536	0.209	0.216	0.231	0.75	0.75	0.77				
		Back	0.600	0.209	0.436	0.516	0.81	1.04	1.12				
		Left side	0.344				0.34	0.34	0.34				
		Right side	0.210	0.209	0.045	0.085	0.42	0.26	0.30				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.262				0.26	0.26	0.26				
WCDMA	Band II	Front	0.553	0.209	0.216	0.231	0.76	0.77	0.78				
		Back	0.621	0.209	0.436	0.516	0.83	1.06	1.14				
		Left side	0.364				0.36	0.36	0.36				
		Right side	0.227	0.209	0.045	0.085	0.44	0.27	0.31				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.254				0.25	0.25	0.25				
	Band IV	Front	0.693	0.209	0.216	0.231	0.90	0.91	0.92				
		Back	0.861	0.209	0.436	0.516	1.07	1.30	1.38				
		Left side	0.357				0.36	0.36	0.36				
		Right side	0.180	0.209	0.045	0.085	0.39	0.23	0.27				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.284				0.28	0.28	0.28				
	Band V	Front	0.780	0.209	0.216	0.231	0.99	1.00	1.01				
		Back	1.172	0.209	0.436	0.516	1.38	**1.61**	**1.69**	**0.03**	**18**	**0.03**	**19**
		Left side	1.150				1.15	1.15	1.15				
		Right side	1.182	0.209	0.045	0.085	1.39	1.23	1.27				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.091				0.09	0.09	0.09				

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN 1g SAR (W/kg)	3 5.2GHz WLAN 1g SAR (W/kg)	4 5.8GHz WLAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+3 SPLSR	1+3 Case No	1+4 SPLSR	1+4 Case No
LTE	Band 12	Front	0.520	0.209	0.216	0.231	0.73	0.74	0.75				
		Back	0.776	0.209	0.436	0.516	0.99	1.21	1.29				
		Left side	0.482				0.48	0.48	0.48				
		Right side	0.422	0.209	0.045	0.085	0.63	0.47	0.51				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.094				0.09	0.09	0.09				
	Band 13	Front	0.622	0.209	0.216	0.231	0.83	0.84	0.85				
		Back	0.786	0.209	0.436	0.516	1.00	1.22	1.30				
		Left side	0.783				0.78	0.78	0.78				
		Right side	0.788	0.209	0.045	0.085	1.00	0.83	0.87				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.062				0.06	0.06	0.06				
	Band 26	Front	0.739	0.209	0.216	0.231	0.95	0.96	0.97				
		Back	1.081	0.209	0.436	0.516	1.29	1.52	**1.60**			**0.03**	**22**
		Left side	1.114				1.11	1.11	1.11				
		Right side	1.038	0.209	0.045	0.085	1.25	1.08	1.12				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.081				0.08	0.08	0.08				
	Band 25	Front	0.584	0.209	0.216	0.231	0.79	0.80	0.82				
		Back	0.638	0.209	0.436	0.516	0.85	1.07	1.15				
		Left side	0.363				0.36	0.36	0.36				
		Right side	0.216	0.209	0.045	0.085	0.43	0.26	0.30				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.251				0.25	0.25	0.25				
	Band 7	Front	0.621	0.209	0.216	0.231	0.83	0.84	0.85				
		Back	1.073	0.209	0.436	0.516	1.28	1.51	1.59				
		Left side	0.279				0.28	0.28	0.28				
		Right side	0.067	0.209	0.045	0.085	0.28	0.11	0.15				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	1.053				1.05	1.05	1.05				
	Band 41	Front	0.449	0.209	0.216	0.231	0.66	0.67	0.68				
		Back	0.929	0.209	0.436	0.516	1.14	1.37	1.45				
		Left side	0.215				0.22	0.22	0.22				
		Right side	0.026	0.209	0.045	0.085	0.24	0.07	0.11				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.933				0.93	0.93	0.93				
	Band 66	Front	0.673	0.209	0.216	0.231	0.88	0.89	0.90				
		Back	0.797	0.209	0.436	0.516	1.01	1.23	1.31				
		Left side	0.345				0.35	0.35	0.35				
		Right side	0.174	0.209	0.045	0.085	0.38	0.22	0.26				
		Top side		0.209	0.538	0.554	0.21	0.54	0.55				
		Bottom side	0.260				0.26	0.26	0.26				

6.3 Body-Worn Accessory Exposure Conditions

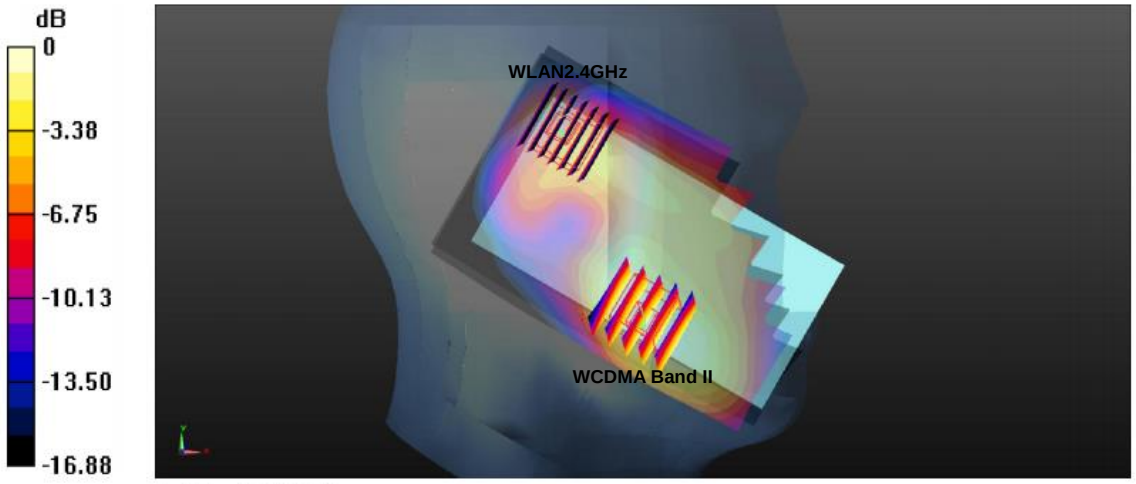
WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN 1g SAR (W/kg)	3 5.3GHz WLAN 1g SAR (W/kg)	4 5.5GHz WLAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+3 SPLSR	1+3 Case No	1+4 SPLSR	1+4 Case No
GSM	GSM850	Front	0.775	0.209	0.200	0.151	0.98	0.98	0.93				
		Back	1.070	0.209	0.412	0.553	1.28	1.48	**1.62**			**0.03**	**23**
	GSM1900	Front	0.536	0.209	0.200	0.151	0.75	0.74	0.69				
		Back	0.600	0.209	0.412	0.553	0.81	1.01	1.15				
WCDMA	Band II	Front	0.553	0.209	0.200	0.151	0.76	0.75	0.70				
		Back	0.621	0.209	0.412	0.553	0.83	1.03	1.17				
	Band IV	Front	0.693	0.209	0.200	0.151	0.90	0.89	0.84				
		Back	0.861	0.209	0.412	0.553	1.07	1.27	1.41				
	Band V	Front	0.780	0.209	0.200	0.151	0.99	0.98	0.93				
		Back	1.172	0.209	0.412	0.553	1.38	1.58	**1.73**			**0.03**	**24**
LTE	Band 12	Front	0.520	0.209	0.200	0.151	0.73	0.72	0.67				
		Back	0.776	0.209	0.412	0.553	0.99	1.19	1.33				
	Band 13	Front	0.622	0.209	0.200	0.151	0.83	0.82	0.77				
		Back	0.786	0.209	0.412	0.553	1.00	1.20	1.34				
	Band 26	Front	0.739	0.209	0.200	0.151	0.95	0.94	0.89				
		Back	1.081	0.209	0.412	0.553	1.29	1.49	**1.63**			**0.03**	**28**
	Band 25	Front	0.584	0.209	0.200	0.151	0.79	0.78	0.74				
		Back	0.638	0.209	0.412	0.553	0.85	1.05	1.19				
	Band 7	Front	0.621	0.209	0.200	0.151	0.83	0.82	0.77				
		Back	1.073	0.209	0.412	0.553	1.28	1.49	**1.63**			**0.02**	**29**
	Band 41	Front	0.449	0.209	0.200	0.151	0.66	0.65	0.60				
		Back	0.929	0.209	0.412	0.553	1.14	1.34	1.48				
	Band 66	Front	0.673	0.209	0.200	0.151	0.88	0.87	0.82				
		Back	0.797	0.209	0.412	0.553	1.01	1.21	1.35				

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	5 5.8GHz WLAN 1g SAR (W/kg)	6 Bluetooth Estimated 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)	1+5 SPLSR	1+5 Case No	1+6 SPLSR	1+6 Case No
GSM	GSM850	Front	0.775	0.231	0.273	1.01	1.05				
		Back	1.070	0.516	0.273	**1.59**	1.34				
	GSM1900	Front	0.536	0.231	0.273	0.77	0.81				
		Back	0.600	0.516	0.273	1.12	0.87				
WCDMA	Band II	Front	0.553	0.231	0.273	0.78	0.83				
		Back	0.621	0.516	0.273	1.14	0.89				
	Band IV	Front	0.693	0.231	0.273	0.92	0.97				
		Back	0.861	0.516	0.273	1.38	1.13				
	Band V	Front	0.780	0.231	0.273	1.01	1.05				
		Back	1.172	0.516	0.273	**1.69**	**1.45**	**0.03**	**30**		
LTE	Band 12	Front	0.520	0.231	0.273	0.75	0.79				
		Back	0.776	0.516	0.273	1.29	1.05				
	Band 13	Front	0.622	0.231	0.273	0.85	0.90				
		Back	0.786	0.516	0.273	1.30	1.06				
	Band 26	Front	0.739	0.231	0.273	0.97	1.01				
		Back	1.081	0.516	0.273	**1.60**	1.35	**0.03**	**22**		
	Band 25	Front	0.584	0.231	0.273	0.82	0.86				
		Back	0.638	0.516	0.273	1.15	0.91				
	Band 7	Front	0.621	0.231	0.273	0.85	0.89				
		Back	1.073	0.516	0.273	1.59	1.35				
	Band 41	Front	0.449	0.231	0.273	0.68	0.72				
		Back	0.929	0.516	0.273	1.45	1.20				
	Band 66	Front	0.673	0.231	0.273	0.90	0.95				
		Back	0.797	0.516	0.273	1.31	1.07				

6.4 SPLSR Evaluation and Analysis

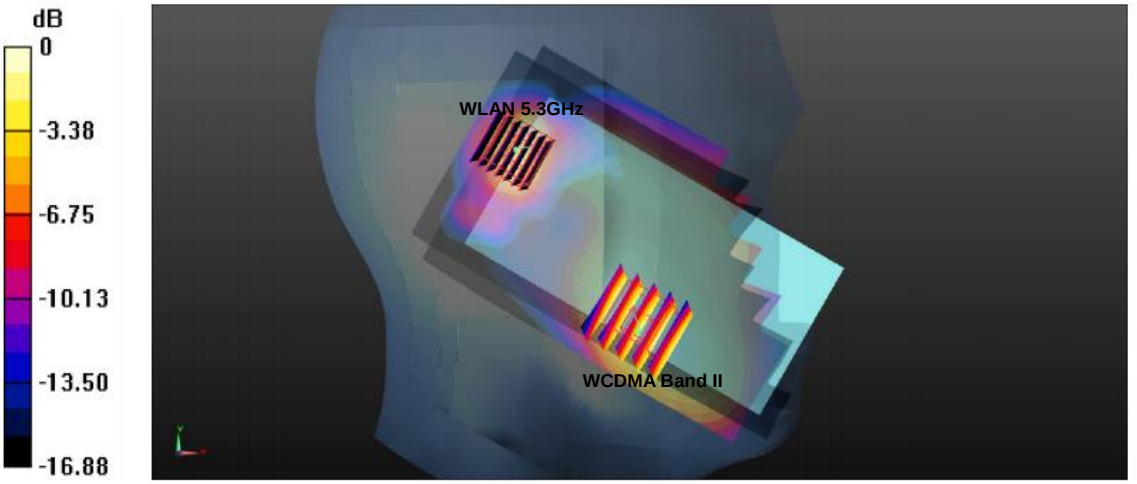
General Note:
SPLSR = $(SAR_1 + SAR_2)^{1.5}$ / (*min. separation distance, mm*). If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 1	WCDMA Band II	Left Cheek	1.142	0	5.11	-6.49	-0.05	94.40	1.79	0.03	Not required
	WLAN2.4GHz		0.647	0	1.38	2.18	-0.25				



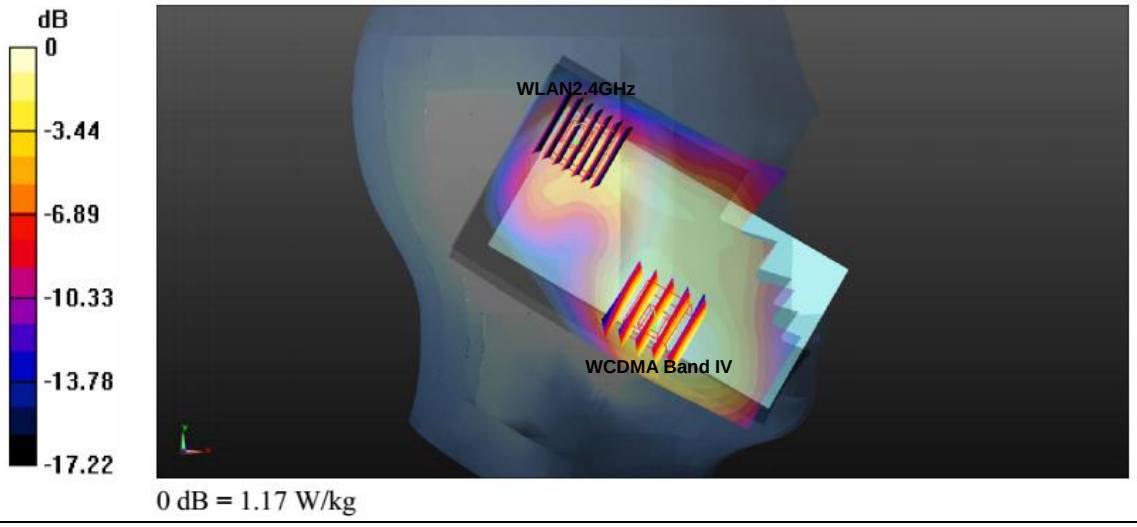
0 dB = 1.25 W/kg

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 2	WCDMA Band II	Left Cheek	1.142	0	5.11	-6.49	-0.05	90.44	1.92	0.03	Not required
	WLAN 5.3GHz		0.776	0	0.07	1.02	-0.03				



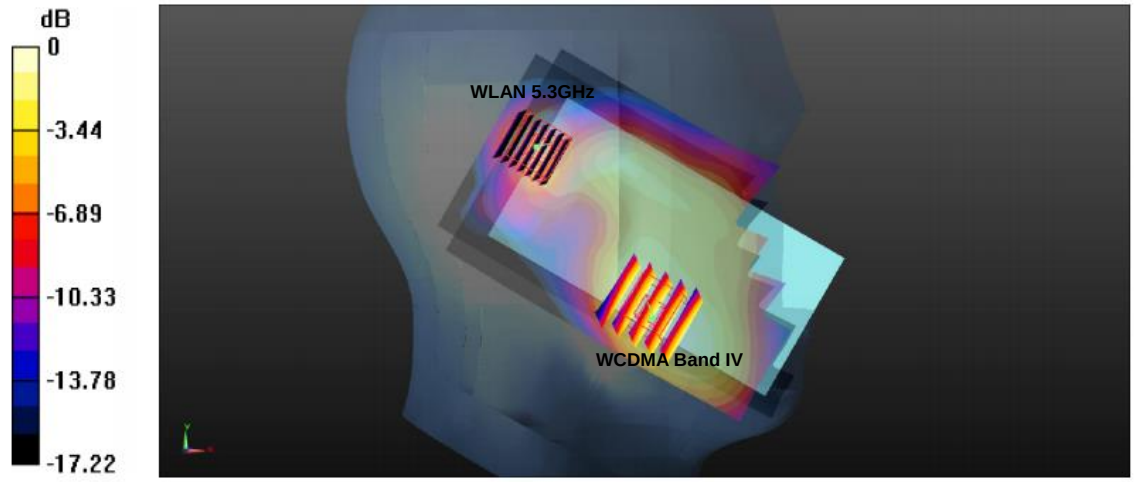
0 dB = 1.25 W/kg

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 3	WCDMA Band IV	Left Cheek	1.166	0	4.71	-6.26	-0.24	90.73	1.81	0.03	Not required
	WLAN2.4GHz		0.647	0	1.38	2.18	-0.25				



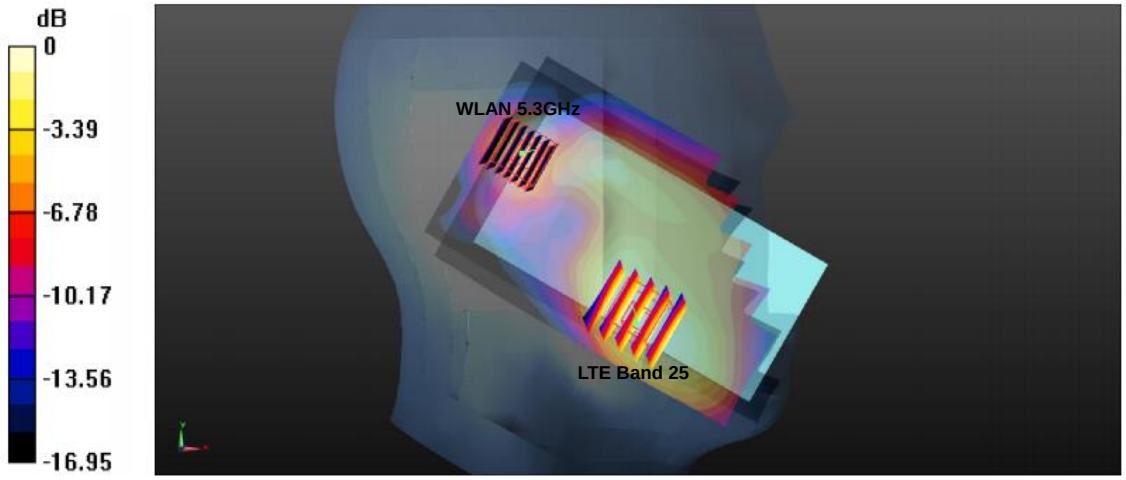
0 dB = 1.17 W/kg

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 4	WCDMA Band IV	Left Cheek	1.166	0	4.71	-6.26	-0.24	86.36	1.94	0.03	Not required
	WLAN 5.3GHz		0.776	0	0.07	1.02	-0.03				



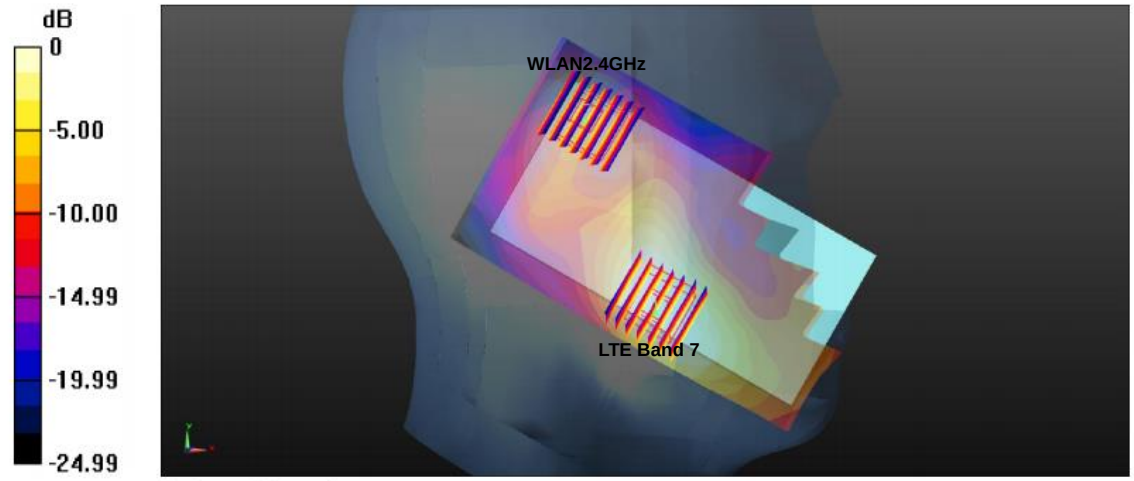
0 dB = 1.17 W/kg

Case 7	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 25	Left Cheek	0.933	0	5.11	-6.49	-0.05	90.44	1.71	0.02	Not required
	WLAN 5.3GHz		0.776	0	0.07	1.02	-0.03				



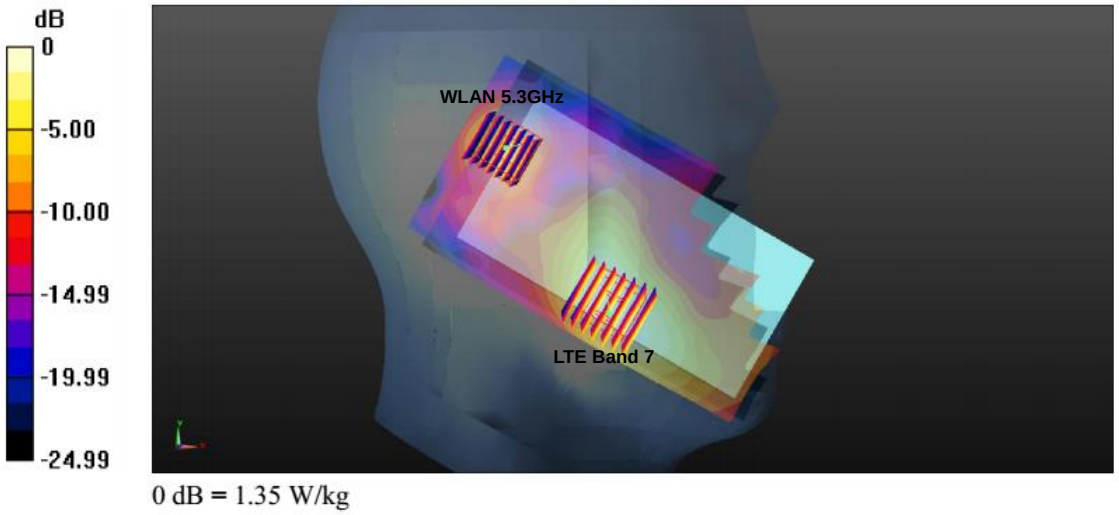
0 dB = 0.954 W/kg

Case 8	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 7	Left Cheek	1.095	0	4.57	-6.26	-0.28	90.23	1.74	0.03	Not required
	WLAN2.4GHz		0.647	0	1.38	2.18	-0.25				



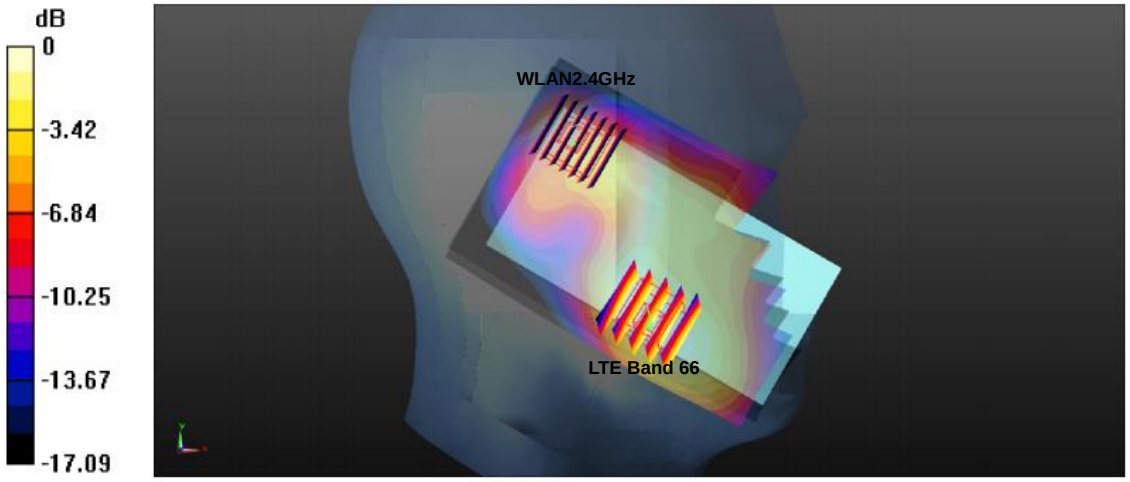
0 dB = 1.35 W/kg

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 9	LTE Band 7	Left Cheek	1.095	0	4.57	-6.26	-0.28	85.62	1.87	0.03	Not required
	WLAN 5.3GHz		0.776	0	0.07	1.02	-0.03				



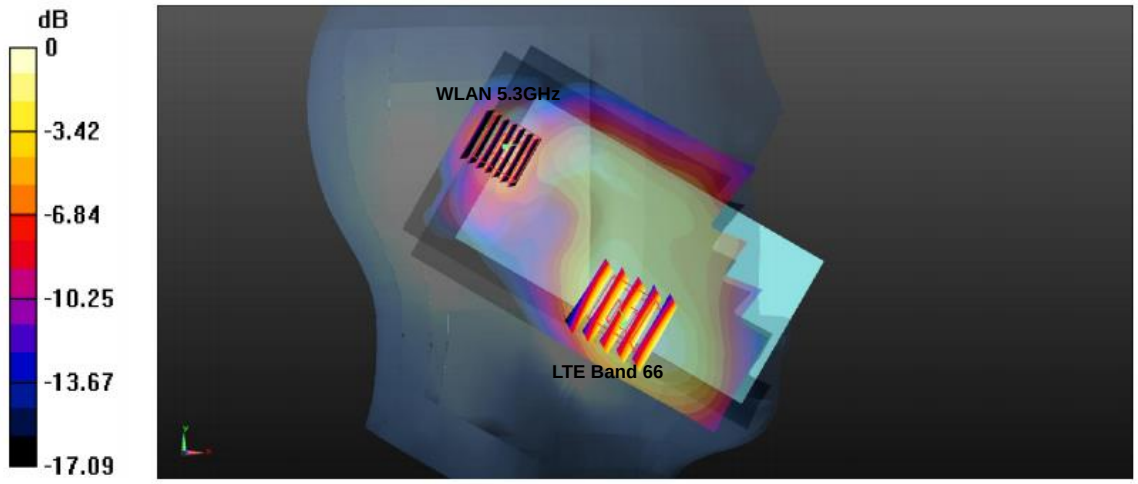
0 dB = 1.35 W/kg

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 10	LTE Band 66	Left Cheek	1.131	0	4.71	-6.27	-0.25	90.82	1.78	0.03	Not required
	WLAN2.4GHz		0.647	0	1.38	2.18	-0.25				



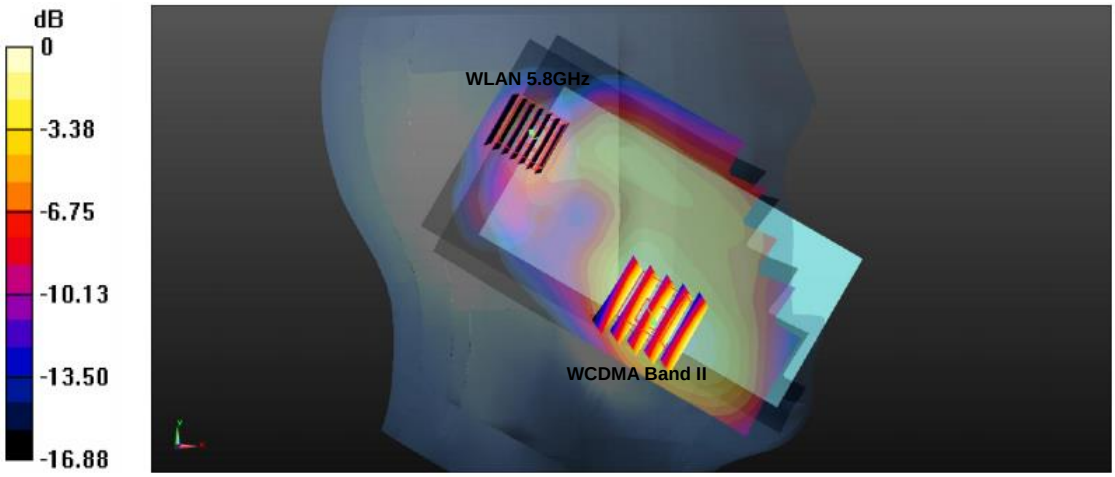
0 dB = 1.07 W/kg

Case 11	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 66	Left Cheek	1.131	0	4.71	-6.27	-0.25	86.44	1.91	0.03	Not required
	WLAN 5.3GHz		0.776	0	0.07	1.02	-0.03				



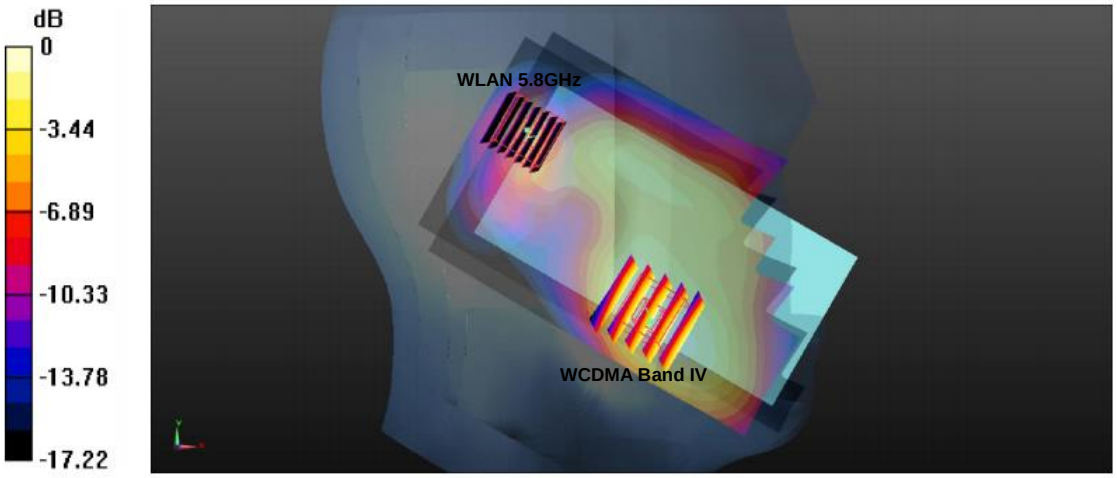
0 dB = 1.07 W/kg

Case 12	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band II	Left Cheek	1.142	0	5.11	-6.49	-0.05	91.31	1.93	0.03	Not required
	WLAN 5.8GHz		0.784	0	0.11	1.15	-0.16				



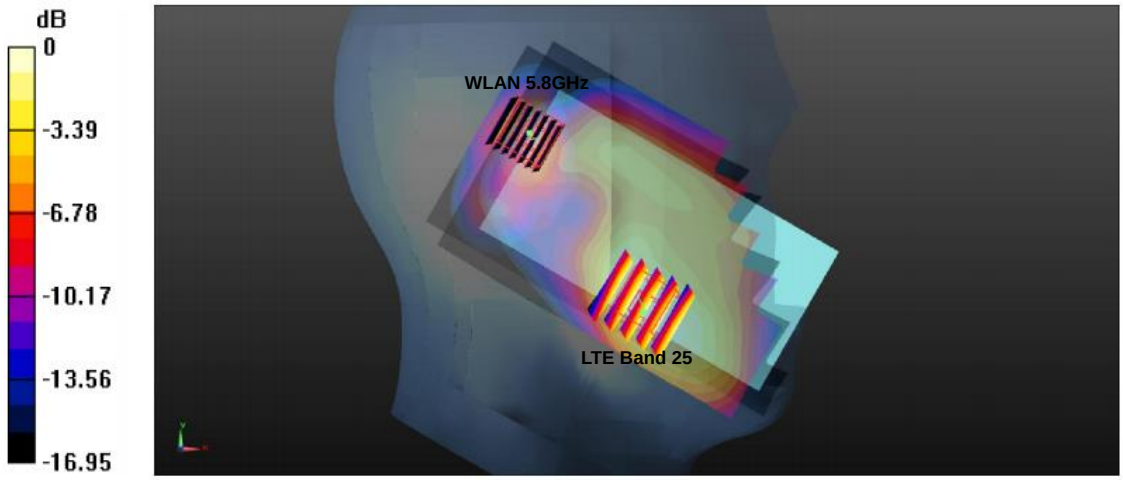
0 dB = 1.25 W/kg

Case 13	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band IV	Left Cheek	1.166	0	4.71	-6.26	-0.24	87.22	1.95	0.03	Not required
	WLAN 5.8GHz		0.784	0	0.11	1.15	-0.16				



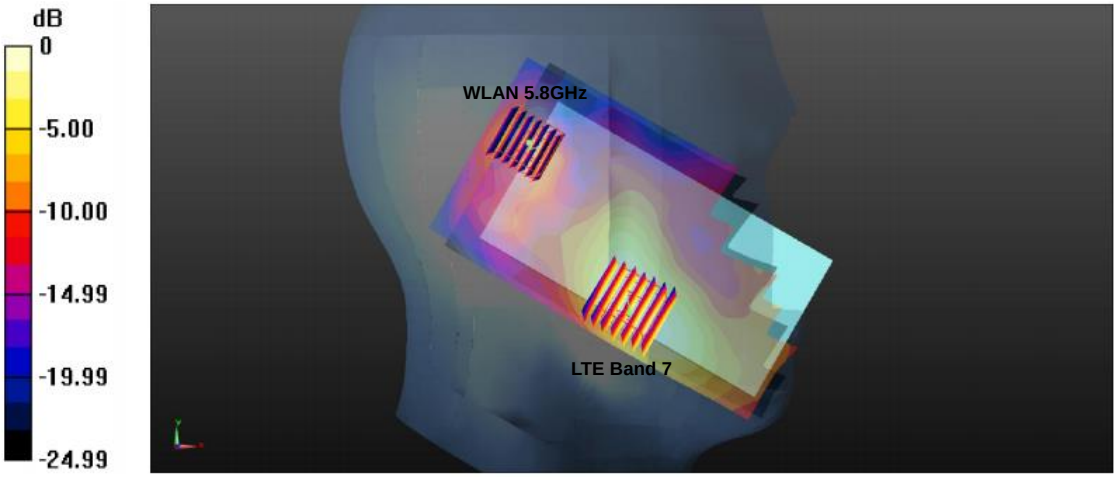
0 dB = 1.17 W/kg

Case 15	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 25	Left Cheek	0.933	0	5.11	-6.49	-0.05	91.31	1.72	0.02	Not required
	WLAN 5.8GHz		0.784	0	0.11	1.15	-0.16				



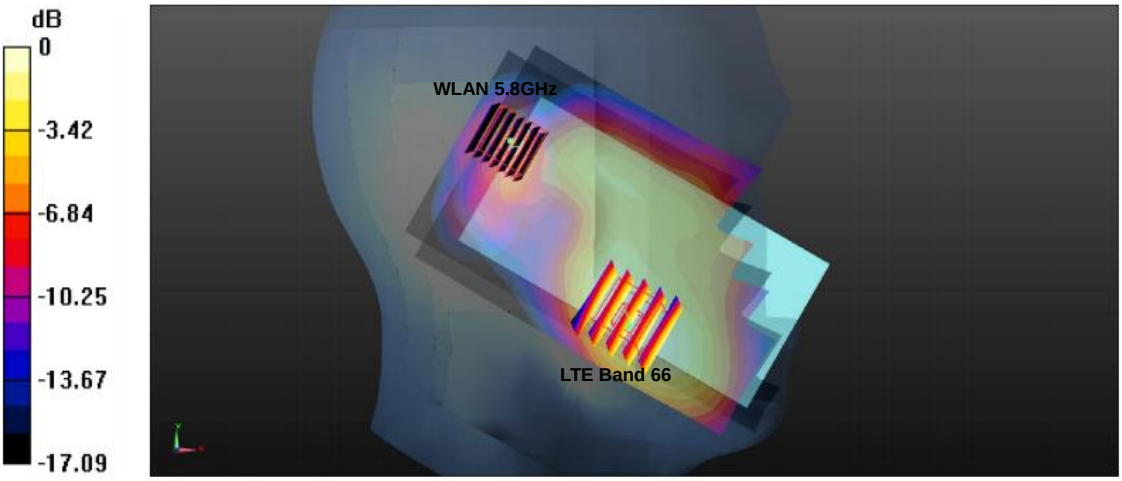
0 dB = 0.954 W/kg

Case 16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 7	Left Cheek	1.095	0	4.57	-6.26	-0.28	86.50	1.88	0.03	Not required
	WLAN 5.8GHz		0.784	0	0.11	1.15	-0.16				



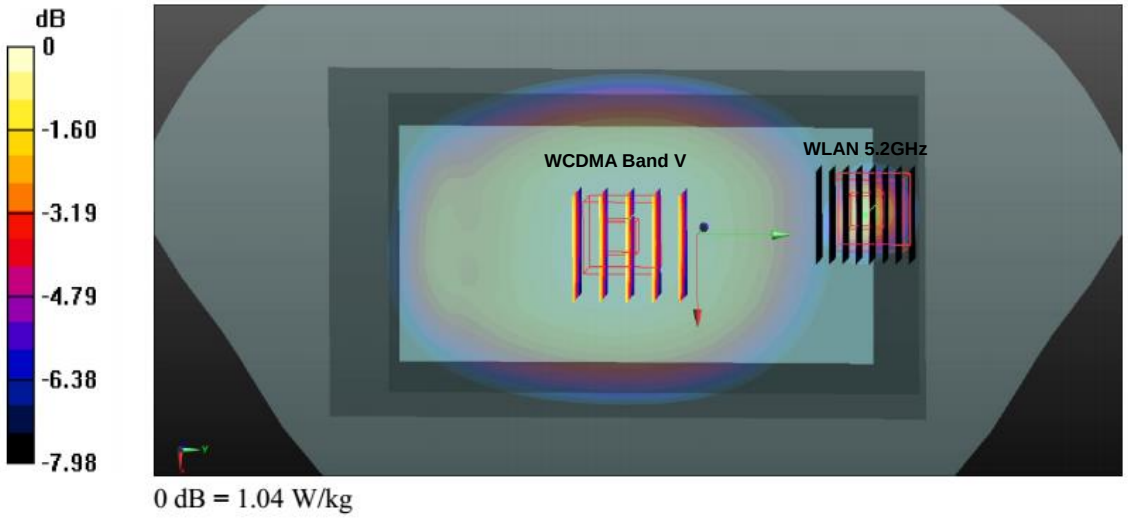
0 dB = 1.35 W/kg

Case 17	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 66	Left Cheek	1.131	0	4.71	-6.27	-0.25	87.31	1.92	0.03	Not required
	WLAN 5.8GHz		0.784	0	0.11	1.15	-0.16				



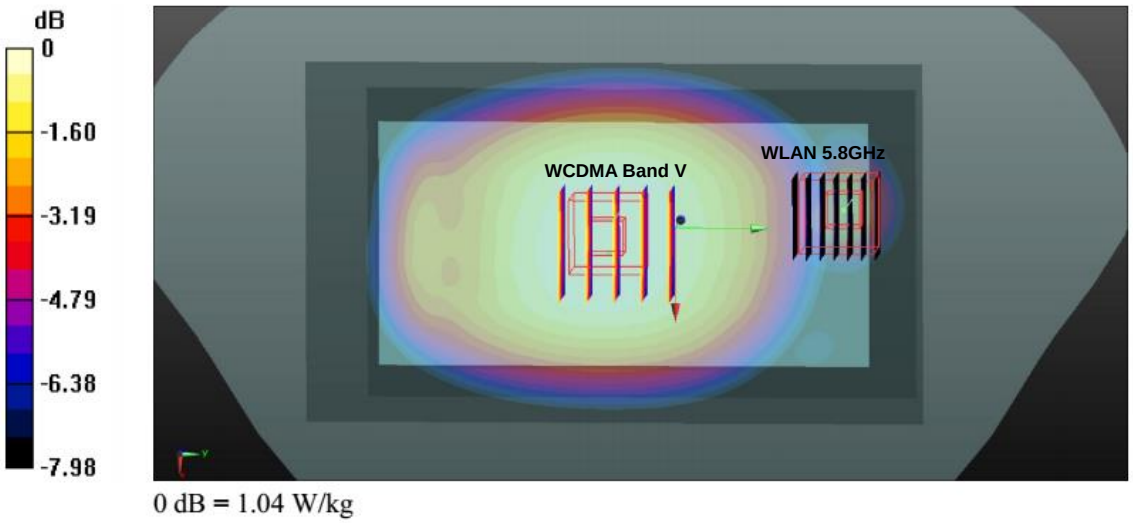
0 dB = 1.07 W/kg

Case 18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band V	Back	1.172	10	-0.44	-0.51	-0.3	73.72	1.61	0.03	Not required
	WLAN 5.2GHz		0.436	10	-1	6.84	-0.24				



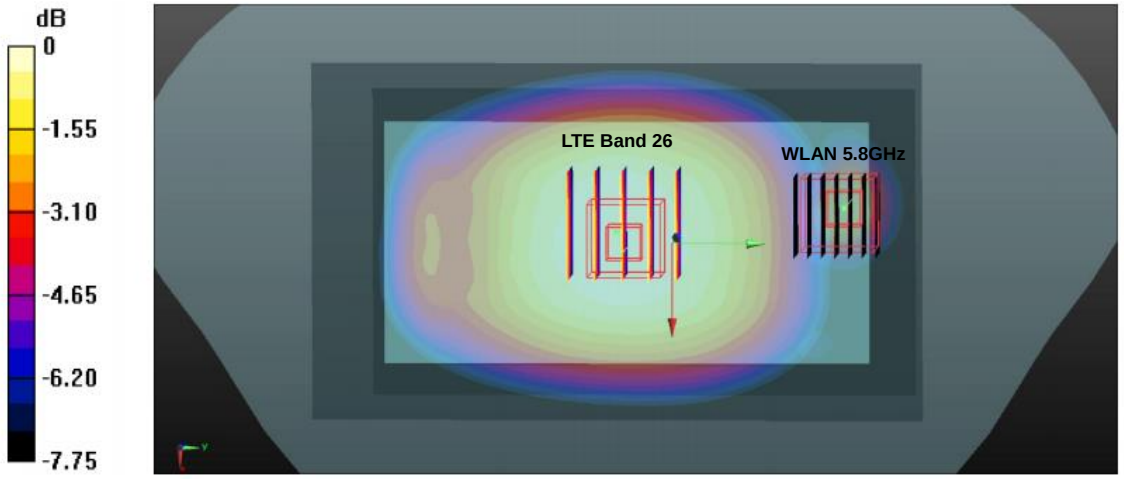
0 dB = 1.04 W/kg

Case 19	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band V	Back	1.172	10	-0.44	-0.51	-0.3	69.54	1.69	0.03	Not required
	WLAN 5.8GHz		0.516	10	-1.02	6.42	-0.25				



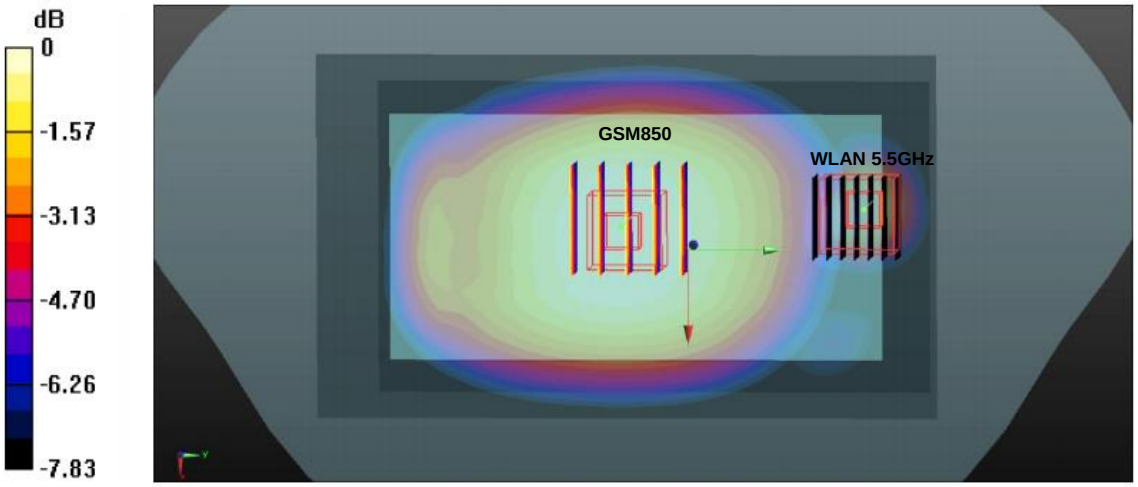
0 dB = 1.04 W/kg

Case 22	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 26	Back	1.081	10	0.24	-0.2	-0.3	67.39	1.60	0.03	Not required
	WLAN 5.8GHz		0.516	10	-1.02	6.42	-0.25				



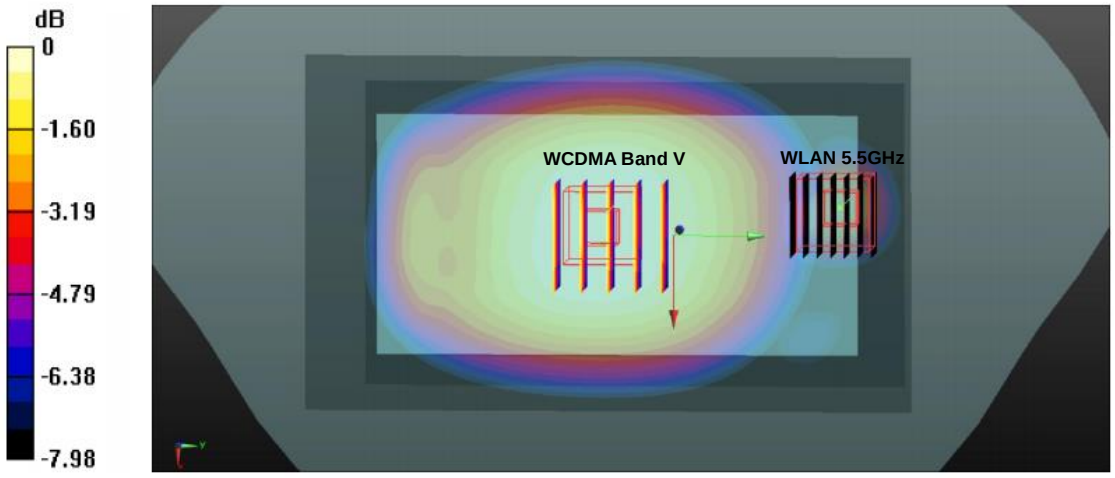
0 dB = 1.01 W/kg

Case 23	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM850	Back	1.07	10	-0.4	-0.35	-0.3	68.19	1.62	0.03	Not required
	WLAN 5.5GHz		0.553	10	-0.74	6.46	-0.25				



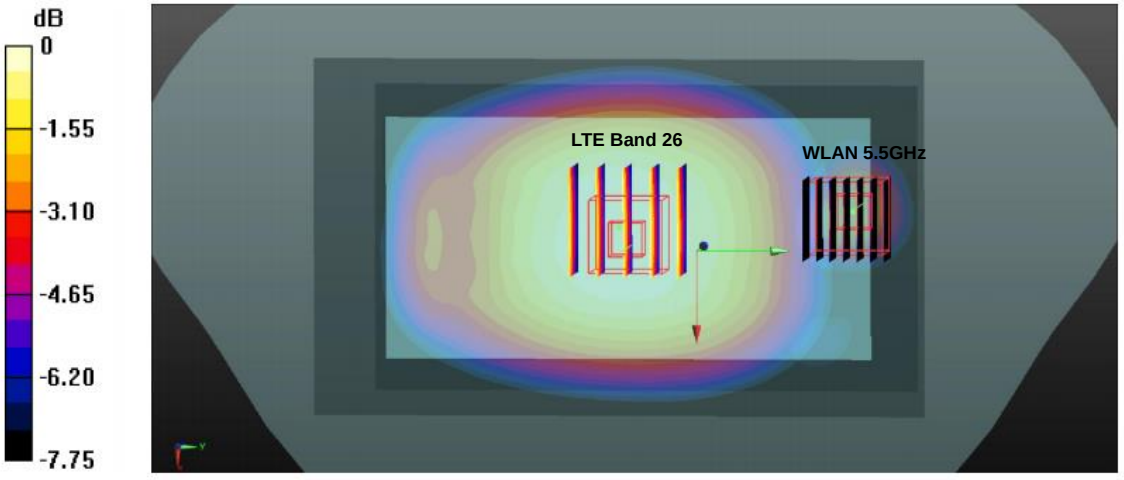
0 dB = 0.884 W/kg

Case 24	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band V	Back	1.172	10	-0.44	-0.51	-0.3	69.77	1.73	0.03	Not required
	WLAN 5.5GHz		0.553	10	-0.74	6.46	-0.25				



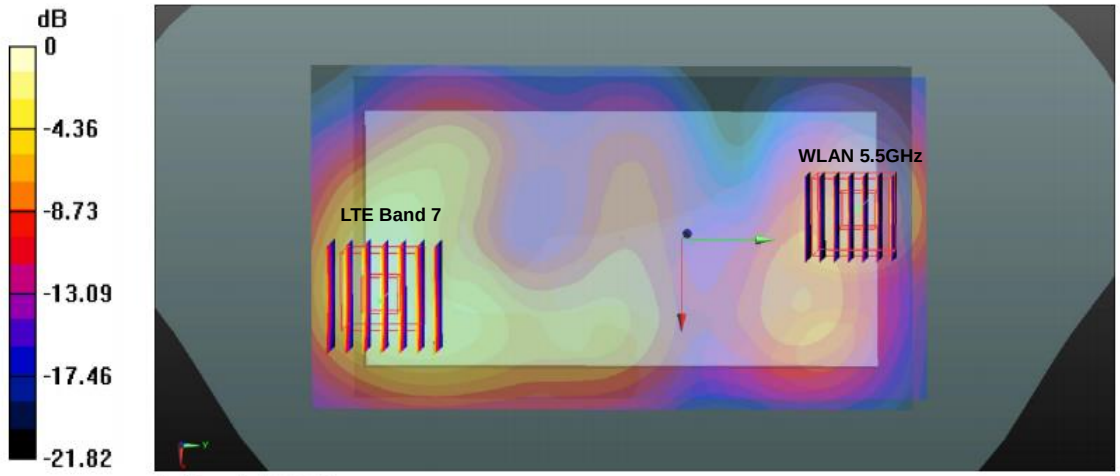
0 dB = 1.04 W/kg

Case 28	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 26	Back	1.081	10	0.24	-0.2	-0.3	67.32	1.63	0.03	Not required
	WLAN 5.5GHz		0.553	10	-0.74	6.46	-0.25				



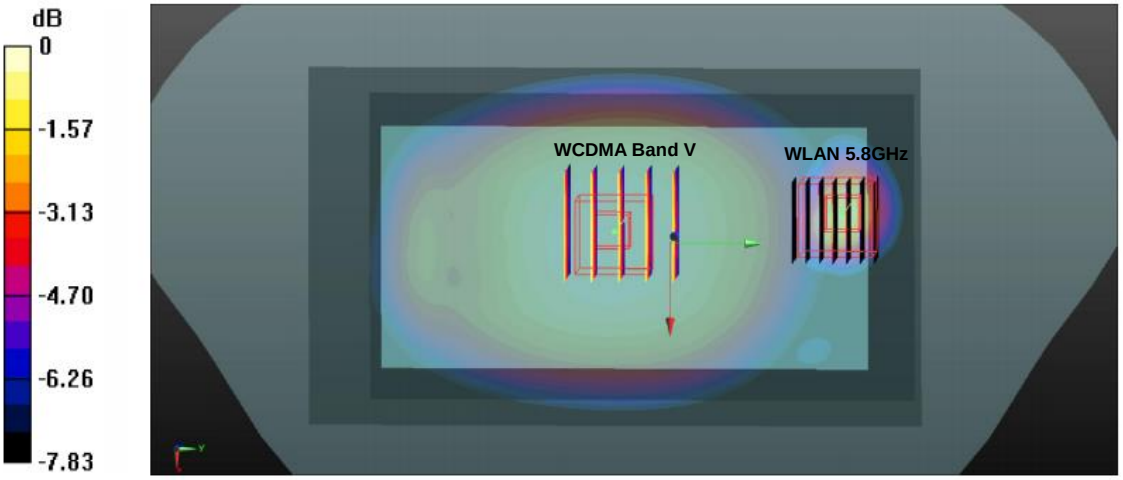
0 dB = 1.01 W/kg

Case 29	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 7	Back	1.073	10	1.6	-6.78	-0.19	134.45	1.63	0.02	Not required
	WLAN 5.5GHz		0.553	10	-0.74	6.46	-0.25				



0 dB = 1.46 W/kg

Case 30	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA Band V	Back	1.172	10	-0.55	-0.36	-0.3	67.96	1.69	0.03	Not required
	WLAN 5.8GHz		0.516	10	-1.02	6.42	-0.25				



0 dB = 1.03 W/kg

Test Engineer : Nick Hu

Appendix A. Reference Report

Please refer to Sporton report number FA721503 which is issued separately.