FCC SAR TEST REPORT

Report No:	ES/2017/90003
Applicant:	Huawei Technologies Co., Ltd.
Manufacturer:	Huawei Technologies Co., Ltd.
Factory:	Huawei Technologies Co., Ltd.
Product Name:	Smart Phone
Model No.(EUT):	ALP-L29
Trade Mark:	HUAWEI
FCC ID:	QISALP-LX9
Standards:	FCC 47CFR §2.1093
Date of Receipt:	2017-08-10
Date of Test:	2017-08-19 to 2017-09-15
Date of Issue:	2017-09-21
Test conclusion:	**PASS ***

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Signed on behalf of SGS

Sr. Engineer

Matt Kuo

Matt Kuo

Date: Sep. 21, 2017

Supervisor

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John Yeh

Date: Sep. 21, 2017

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REVISION HISTORY

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2017-09-21		Original

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TEST SUMMARY

Frequency Band	Maximum Reported SAR(W/kg)			
	Head	Body-worn	Hotspot	Limbs
GSM850	0.98	0.50	0.59	/
GSM1900	0.85	0.38	0.79	1.77
WCDMA Band II	0.89	0.43	0.81	1.75
WCDMA Band IV	0.43	0.54	0.74	**2.15**
WCDMA Band V	0.73	0.50	0.51	/
LTE Band 2	0.74	**0.62**	0.73	1.70
LTE Band 4	0.47	0.39	0.87	1.98
LTE Band 5	0.43	0.49	0.41	/
LTE Band 7	0.52	0.47	0.60	1.95
LTE Band 12	0.66	0.18	0.27	/
LTE Band 17	0.64	0.23	0.35	/
LTE Band 26	0.70	0.51	0.42	/
LTE Band 38	0.95	0.26	0.76	/
LTE Band 41	**1.05**	0.27	**0.93**	/
WI-FI (2.4GHz)	0.57	0.08	0.32	/
WI-FI (5GHz)	0.97	0.12	0.19	0.50
SAR Limited(W/kg)	1.6			4.0
Maximum Simultaneous Transmission SAR (W/kg)				
Scenario	Head	Body-worn	Hotspot	Limbs
Sum SAR	1.58	1.01	0.93	2.52
SPLSR	N/A	N/A	N/A	N/A
SPLSR Limited	0.04			0.1

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1 General Information

1.1 Details of Client

Applicant:	Huawei Technologies Co., Ltd.
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Manufacturer:	Huawei Technologies Co., Ltd.
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Factory:	Huawei Technologies Co., Ltd.
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.2 Test Location

SGS Taiwan Ltd. Electronics & Communication Laboratory	
No.134, Wu Kung Road, New Taipei Industrial Park	
Wuku District, New Taipei City, Taiwan	
Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
Internet	http://www.tw.sgs.com/

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1.3 General Description of EUT

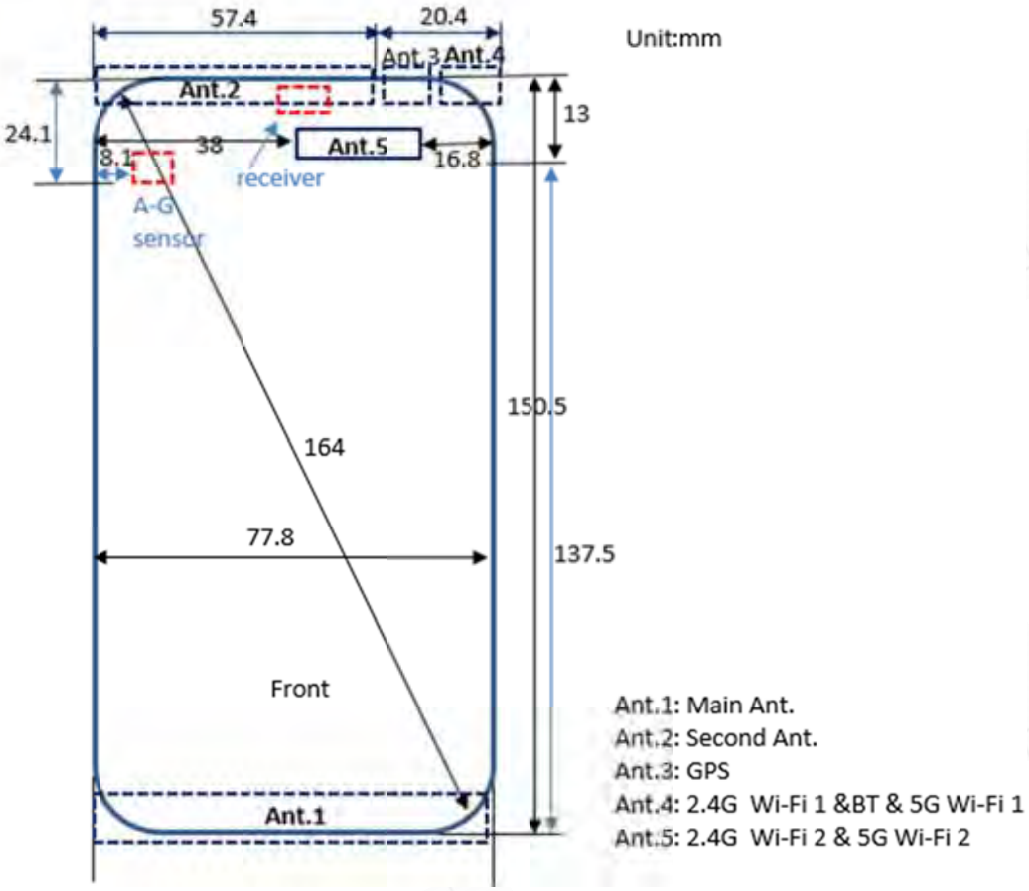
Device Type :	portable device		
Exposure Category:	uncontrolled environment / general population		
Product Name:	Smart Phone		
Model No.(EUT):	ALP-L29		
FCC ID:	QISALP-LX9		
Trade Mark:	HUAWEI		
Product Phase:	production unit		
SN:	QMU0117713000066/ QMU0117713000059/ QMU0117713000058/ QMU0117713000050/ QMU0117713000047/ QMU0117713000056/ QMU0117815000429/ QMU0117815000435		
Hardware Version:	HL1AALPSM		
Software Version:	ALP-L29 5.0.1.67(C432log)		
Antenna Type:	Inner Antenna		
Device Operating Configurations :			
Modulation Mode:	GSM:GMSK, 8PSK;WCDMA: QPSK;LTE:QPSK,16QAM,64QAM WIFI: DSSS,OFDM;BT: GFSK, π/4DQPSK,8DPSK		
Device Class:	B		
GPRS Multi-slots Class:	12	EGPRS Multi-slots Class:	12
HSDPA UE Category:	14	HSUPA UE Category	6
DC-HSDPA UE Category:	24		
LTE Category	7	LTE Release	13
Power Class	4,tested with power level 5(GSM850)		
	1,tested with power level 0(GSM1900)		
	3, tested with power control “all 1”(UMTS Band II/IV/V)		
	3, tested with power control Max Power(LTE Band 2/4/5/7/12/17/26/38/41)		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	GSM850	824 - 849	869 - 894
	GSM1900	1850-1910	1930-1990
	WCDMA Band V	824 - 849	869 - 894
	WCDMA Band IV	1710–1755	2110–2155
	WCDMA Band II	1850-1910	1930-1990
	LTE Band 2	1850-1910	1930-1990
	LTE Band 4	1710–1755	2110–2155
	LTE Band 5	824 - 849	869 - 894
	LTE Band 7	2500-2570	2620-2690
	LTE Band 12	699-716	729-746
	LTE Band 17	704-716	734-746
	LTE Band 26	814-849	859-894
	LTE Band 38	2570-2620	2570-2620
	LTE Band 41	2545-2655	2545-2655
	Bluetooth	2400-2483.5	2400-2483.5
	Wi-Fi 2.4G	2400-2483.5	2400-2483.5
	Wi-Fi 5G	5150-5350 5470-5850	5150-5350 5470-5850
	NFC	13.56	13.56

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Battery Information1#:	Model: HB436486ECW
	Rated capacity :3900mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: Sunwoda Electronic Co., LTD
Battery Information2#:	Model: HB436486ECW
	Rated capacity :3900mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: Desay Battery Co., Ltd.
Battery Information3#:	Model: HB436486ECW
	Rated capacity :3900mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: SCUD (FUJIAN) Electronics Co., Ltd
Headset Information1#:	Model: MEMD1632B580C00
	Manufacturer:JIANGXI LIANCHUANG HONGSHENG ELECTRONIC CO., LTD
Headset Information2#:	Model:1311-3291-3.5mm-229
	Manufacturer: BOLUO COUNTY QUANCHENG ELECTRONIC CO., LTD
Headset Information3#:	Model: NA12
	Manufacturer: Goer Tek Inc
Headset Information4#:	Model: EMC309-001
	Manufacturer: MERRY ELECTRONICS (SHENZHEN) CO., LTD.

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1.3.1 DUT Antenna Locations



The test device is a mobile phone. The display diagonal dimension is 14.9 cm and the overall diagonal dimension of this device is 16.4 cm.

According to the distance between LTE/WCDAM/GSM&WIFI antennas and the sides of the EUT we can draw the conclusion that:

EUT Sides for SAR Testing						
Mode	Front	Back	Left	Right	Top	Bottom
Ant.1(Main Ant.)	Yes	Yes	Yes	Yes	No	Yes
Ant.2(Second Ant.)	Yes	Yes	Yes	Yes	Yes	No
Ant.4(2.4G WIFI1&BT&5G WIFI1 Ant.)	Yes	Yes	No	Yes	Yes	No
Ant.5(2.4G WIFI2&BT&5G WIFI2 Ant.)	Yes	Yes	No	Yes	Yes	No

Table 1：EUT Sides for SAR Testing

Note:

1) When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

2) All the SAR testing were measured with the following SIM: Cell ID: 0; MCC: 310; MNC: 260; TAC: 0001

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1.3.2 Dynamic antenna switching specification

The device has two 2G/3G/4G Tx antennas (Main Antenna and Second Antenna). It can transmit from either Main Antenna or Second Antenna, but they cannot transmit simultaneously.

SAR test procedure for dynamic antenna switching is as below:

The Main Antenna and Second Antenna are set to the MAX transmit power level respectively and test the SAR respectively in all applicable RF exposure conditions. Some commands or test scripts are supplied to fix the operation state and choose the antenna so that only one TX antenna is chosen and tested at a time. All independent antennas will be completely covered by the appropriate SAR measurements and all simultaneous transmission possibilities will be fully considered to ensure SAR compliance.

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1.3.3 Power reduction specification

This device uses a single fixed level of power reduction through static table look-up for SAR compliance and it is triggered by a single event or operation:

1) A fixed level power reduction is applied for some frequency bands when hotspot mode becomes active. When the hotspot is disabled, the power value will be recovered.

2) A fixed level power reduction is applied for some frequency bands when simultaneously transmitting with the other antennas in certain simultaneous transmission conditions. The standalone SAR compliance still uses the standalone SAR results tested at the maximum output power level without any power reduction.

3) A fixed level power reduction is applied for some frequency bands when handset operate "held to the ear" condition, the power reduction triggered by Accelerometer & Gyroscope and audio receiver detection. The audio receiver detection is used to determine head or body scenario. The Accelerometer & Gyroscope sensor is used to determine proximity to Left head or Right head scenario.

The following tables summarize the key power reduction information. The detailed full power which is the Max. power the state can use and reduced tune-up specifications and conducted power measurement results are provided in Section 8 of this report.

Band	Power Reduction Level Amount (dB)				
	Antenna 1		Antenna 2		
	Hotspot is active 2.4G&5G WiFi	Hotspot is disabled 2.4G&5G WiFi	Hotspot is active for 2.4G WiFi	Hotspot is active for 5G WiFi	Hotspot is disabled
GSM 850	0	0	2.5	4	0
GSM 1900	3.5	0	2.5	4	0
UMTS Band II	4	0	2.5	4	0
UMTS Band IV	4.5	0	2.5	4	0
UMTS Band V	0	0	2.5	4	0
LTE Band 2	5	0	2.5	4	0
LTE Band 4	4.5	0	2.5	4	0
LTE Band 5	0	0	2.5	4	0
LTE Band 7	5	0	2.5	4	0
LTE Band 12	0	0	2.5	4	0
LTE Band 17	0	0	2.5	4	0
LTE Band 26	0	0	2.5	4	0
LTE Band 38	1	0	2.5	4	0
LTE Band 41	1	0	2.5	4	0

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Band	Power Reduction Amount (dB)	
	Antenna 2 + 2.4G WiFi simultaneous transmission (WiFi station)	Antenna 2 + 5G WiFi simultaneous transmission (WiFi station)
GSM 850	2.5	4
GSM 1900	2.5	4
UMTS Band II	2.5	4
UMTS Band IV	2.5	4
UMTS Band V	2.5	4
LTE Band 2	2.5	4
LTE Band 4	2.5	4
LTE Band 5	2.5	4
LTE Band 7	2.5	4
LTE Band 12	2.5	4
LTE Band 17	2.5	4
LTE Band 26	2.5	4
LTE Band 38	2.5	4
LTE Band 41	2.5	4

Band	Power Reduction Amount (dB)	
	Antenna 2 "held to the ear"	
	Left head	Right head
GSM 850	3	3.5
GSM 1900	1	4.5
UMTS Band II	1.5	5.5
UMTS Band IV	5	8
UMTS Band V	4	4
LTE Band 2	3	7.5
LTE Band 4	0	2
LTE Band 5	5	5.5
LTE Band 7	0.5	5
LTE Band 12	2.5	2
LTE Band 17	4	4
LTE Band 26	4.5	5
LTE Band 38	3	8.5
LTE Band 41	3	8
2.4GHz WiFi	2.5	2.5
5GHz WiFi	2	2

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1.3.4 Downlink LTE CA additional specification

The device supports downlink LTE Carrier Aggregation (CA) only. Other Release 10 or higher features are not supported, including Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101. The conducted power measurement results of downlink LTE CA are provided in Section 7 of this report per 3GPP TS 36.521-1. According to KDB 941225 D05A, the downlink LTE CA SAR test is not required and PAG requirements can be excluded.

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intra-band contiguous CA

	E-UTRA CA configuration / Bandwidth combination set						
E-UTRA CA configuration	Uplink CA configurations (NOTE 3)	Component carriers in order of increasing carrier frequency				Maximum aggregated bandwidth [MHz]	Bandwidth combination set
		Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]		
		20	20				
CA_2C		5	20			40	0
		10	15, 20				
		15	10, 15, 20				
		20	5, 10, 15, 20				
CA_5B		5, 10	10			20	0
		10	5				
CA_7C		15	15			40	0
		20	20				
		10	20			40	1
		15	15, 20				
		20	10, 15, 20				
		15	10, 15			40	2
		20	15, 20				
CA_12B		5	5, 10			15	0
CA_38C		15	15			40	0
		20	20				
CA_41C		10	20			40	0
		15	15, 20				
		20	10, 15, 20				
		5, 10	20			40	1
		15	15, 20				
		20	5, 10, 15, 20				
		10	15, 20			40	2
		15	10, 15, 20				
		20	10, 15, 20				
		10	20			40	3
		20	20				
CA_41D		10	20	15		60	0
		10	15, 20	20			
		15	20	10, 15			
		15	10, 15, 20	20			
		20	15, 20	10			
		20	10, 15, 20	15, 20			

NOTE 1: The CA configuration refers to an operating band and a CA bandwidth class specified in Table 5.6A-1 (the indexing letter). Absence of a CA bandwidth class for an operating band implies support of all classes.
NOTE 2: For the supported CC bandwidth combinations, the CC downlink and uplink bandwidths are equal.
NOTE 3: Uplink CA configurations are the configurations supported by the present release of specifications.

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Test frequencies for CA_2C

Range	CC-Combo / N_{RB_agg} [RB]	CC1 Note1					CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]	BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Low	25+100	25	18633	1853.3	633	1933.3	100	18750	1865	750	1945
		100	18700	1860	700	1940	25	18817	1871.7	817	1951.7
	50+75	50	18653	1855.3	653	1935.3	75	18773	1867.3	773	1947.3
		75	18675	1857.5	675	1937.5	50	18795	1869.5	795	1949.5
	50+100	50	18655	1855.5	655	1935.5	100	18799	1869.9	799	1949.9
		100	18700	1860	700	1940	50	18844	1874.4	844	1954.4
	75+75	75	18675	1857.5	675	1937.5	75	18825	1872.5	825	1952.5
	75+100	75	18678	1857.8	678	1937.8	100	18849	1874.9	849	1954.9
		100	18700	1860	700	1940	75	18871	1877.1	871	1957.1
	100+100	100	18700	1860	700	1940	100	18898	1879.8	898	1959.8
Mid	25+100	25	18808	1870.8	808	1950.8	100	18925	1882.5	925	1962.5
		100	18875	1877.5	875	1957.5	25	18992	1889.2	992	1969.2
	50+75	50	18829	1872.9	829	1952.9	75	18949	1884.9	949	1964.9
		75	18851	1875.1	851	1955.1	50	18971	1887.1	971	1967.1
	50+100	50	18806	1870.6	806	1950.6	100	18950	1885	950	1965
		100	18851	1875.1	851	1955.1	50	18995	1889.5	995	1969.5
	75+75	75	18825	1872.5	825	1952.5	75	18975	1887.5	975	1967.5
	75+100	75	18803	1870.3	803	1950.3	100	18974	1887.4	974	1967.4
		100	18826	1872.6	826	1952.6	75	18997	1889.7	997	1969.7
	100+100	100	18801	1870.1	801	1950.1	100	18999	1889.9	999	1969.9
High	25+100	25	18983	1888.3	983	1968.3	100	19100	1900	1100	1980
		100	19050	1895	1050	1975	25	19167	1906.7	1167	1986.7
	50+75	50	19005	1890.5	1005	1970.5	75	19125	1902.5	1125	1982.5
		75	19027	1892.7	1027	1972.7	50	19147	1904.7	1147	1984.7
	50+100	50	18956	1885.6	956	1965.6	100	19100	1900	1100	1980
		100	19001	1890.1	1001	1970.1	50	19145	1904.5	1145	1984.5
	75+75	75	18975	1887.5	975	1967.5	75	19125	1902.5	1125	1982.5
	75+100	75	18929	1882.9	929	1962.9	100	19100	1900	1100	1980
		100	18951	1885.1	951	1965.1	75	19122	1902.2	1122	1982.2
	100+100	100	18902	1880.2	902	1960.2	100	19100	1900	1100	1980

Note 1: Carriers in increasing frequency order.

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Test frequencies for CA_5B

Range	CC-Combo / N_{RB_agg} [RB]	CC1 Note1					CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]	BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Low	25+50	25	20428	826.8	2428	871.8	50	20500	834	2500	879
	50+25	50	20450	829	2450	874	25	20522	836.2	2522	881.2
	50+50	50	20450	829	2450	874	50	20549	838.9	2549	883.9
Mid	25+50	25	20478	831.8	2478	876.8	50	20550	839	2550	884
	50+25	50	20500	834	2500	879	25	20572	841.2	2572	886.2
	50+50	50	20476	831.6	2476	876.6	50	20575	841.5	2575	886.5
High	25+50	25	20528	836.8	2528	881.8	50	20600	844	2600	889
	50+25	50	20550	839	2550	884	25	20622	846.2	2622	891.2
	50+50	50	20501	834.1	2501	879.1	50	20600	844	2600	889
Note 1: Carriers in increasing frequency order.											

Test frequencies for CA_7C

Range	CC-Combo / N_{RB_agg} [RB]	CC1 Note1					CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]	BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Low	50+100	50	20805	2505.5	2805	2625.5	100	20949	2519.9	2949	2639.9
		100	20850	2510	2850	2630	50	20994	2524.4	2994	2644.4
	75+75	75	20825	2507.5	2825	2627.5	75	20975	2522.5	2975	2642.5
	75+100	75	20828	2507.8	2828	2627.8	100	20999	2524.9	2999	2644.9
		100	20850	2510	2850	2630	75	21021	2527.1	3021	2647.1
	100+100	100	20850	2510	2850	2630	100	21048	2529.8	3048	2649.8
Mid	50+100	50	21006	2525.6	3006	2645.6	100	21150	2540	3150	2660
		100	21051	2530.1	3051	2650.1	50	21195	2544.5	3195	2664.5
	75+75	75	21025	2527.5	3025	2647.5	75	21175	2542.5	3175	2662.5
	75+100	75	21003	2525.3	3003	2645.3	100	21174	2542.4	3174	2662.4
		100	21026	2527.6	3026	2647.6	75	21197	2544.7	3197	2664.7
	100+100	100	21001	2525.1	3001	2645.1	100	21199	2544.9	3199	2664.9
High	50+100	50	21206	2545.6	3206	2665.6	100	21350	2560	3350	2680
		100	21251	2550.1	3251	2670.1	50	21395	2564.5	3395	2684.5
	75+75	75	21225	2547.5	3225	2667.5	75	21375	2562.5	3375	2682.5
	75+100	75	21179	2542.9	3179	2662.9	100	21350	2560	3350	2680
		100	21201	2545.1	3201	2665.1	75	21372	2562.2	3372	2682.2
	100+100	100	21152	2540.2	3152	2660.2	100	21350	2560	3350	2680
Note 1: Carriers in increasing frequency order.											

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Test frequencies for CA_12B

Range	CC-Combo / NRB_agg [RB]	CC1 Note1					CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]	BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Low	25+25	25	23035	701.5	5035	731.5	25	23083	706.3	5083	736.3
	25+50	25	23035	701.5	5035	731.5	50	23107	708.7	5107	738.7
Mid	25+25	25	23070	705	5070	735	25	23118	709.8	5118	739.8
	25+50	25	23045	702.5	5045	732.5	50	23117	709.7	5117	739.7
High	25+25	25	23107	708.7	5107	738.7	25	23155	713.5	5155	743.5
	25+50	25	23058	703.8	5058	733.8	50	23130	711	5130	741
Note 1: Carriers in increasing frequency order.											

Test frequencies for CA_38C

Range	CC-Combo / N_{RB_agg} [RB]	CC1 Note1			CC2 Note1		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	75+75	75	37825	2577.5	75	37975	2592.5
	100+100	100	37850	2580	100	38048	2599.8
Mid	75+75	75	37925	2587.5	75	38075	2602.5
	100+100	100	37901	2585.1	100	38099	2604.9
High	75+75	75	38025	2597.5	75	38175	2612.5
	100+100	100	37952	2590.2	100	38150	2610
Note 1: Carriers in increasing frequency order.							

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Test frequencies for CA_41C

Range	CC-Combo / N_{RB_agg} [RB]	CC1 Note1			CC2 Note1		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	25+100	25	40165	2547.5	100	40282	2559.2
		100	40240	2555	25	40357	2566.7
	50+100	50	40190	2550	100	40334	2564.4
		100	40240	2555	50	40384	2569.4
	75+75	75	40215	2552.5	75	40365	2567.5
	75+100	75	40215	2552.5	100	40386	2569.6
		100	40240	2555	75	40411	2572.1
	100+100	100	40240	2555	100	40438	2574.8
Mid	25+100	25	40598	2590.8	100	40715	2602.5
		100	40665	2597.5	25	40782	2609.2
	50+100	50	40596	2590.6	100	40740	2565.0
		100	40641	2595.1	50	40785	2609.5
	75+75	75	40615	2592.5	75	40765	2607.5
	75+100	75	40593	2590.3	100	40764	2607.4
		100	40616	2592.6	75	40787	2609.7
	100+100	100	40591	2590.1	100	40789	2609.9
High	25+100	25	41023	2633.3	100	41140	2645
		100	41098	2640.8	25	41215	2652.5
	50+100	50	40996	2630.6	100	41140	2645
		100	41046	2635.6	50	41190	2650
	75+75	75	41014	2632.5	75	41165	2647.5
	75+100	75	40969	2627.9	100	41140	2645
		100	40994	2630.4	75	41165	2647.5
	100+100	100	40942	2625.2	100	41140	2645
Note 1: Carriers in increasing frequency order.							

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Test frequencies for CA_41D

Range	CC-Combo / NRB_agg [RB]	CC1 Note1			CC2 Note1			CC3 Note1		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	50+75+100	50	40195	2550.5	75	40315	2562.5	100	40486	2579.6
		50	40195	2550.5	100	40339	2564.9	75	40510	2582.0
		75	40218	2552.8	50	40338	2564.8	100	40482	2579.2
		75	40218	2552.8	100	40389	2569.9	50	40533	2584.3
		100	40240	2555	50	40384	2569.4	75	40504	2581.4
		100	40340	2565	75	40511	2582.1	50	40631	2594.1
	50+100+100	50	40195	2550.5	100	40339	2564.9	100	40537	2584.7
		100	40240	2555	50	40384	2569.4	100	40528	2583.8
		100	40240	2555	100	40438	2574.8	50	40582	2589.2
	75+75+100	75	40218	2552.8	75	40368	2567.8	100	40539	2584.9
		75	40218	2552.8	100	40389	2569.9	75	40560	2587.0
		100	40240	2555	75	40411	2572.1	75	40561	2587.1
	75+100+100	75	40218	2552.8	100	40389	2569.9	100	40587	2589.7
		100	40240	2555	75	40411	2572.1	100	40582	2589.2
		100	40240	2555	100	40438	2574.8	75	40609	2591.9
	100+100+100	100	40340	2565	100	40538	2584.8	100	40736	2604.6
Mid	50+75+100	50	40522	2583.2	75	40642	2595.2	100	40813	2612.3
		50	40521	2583.1	100	40665	2597.5	75	40836	2614.6
		75	40547	2585.7	50	40667	2597.7	100	40811	2612.1
		75	40544	2585.4	100	40715	2602.5	50	40859	2616.9
		100	40569	2587.9	50	40713	2602.3	75	40833	2614.3
		100	40567	2587.7	75	40738	2604.8	50	40858	2616.8
	50+100+100	50	40497	2580.7	100	40641	2595.1	100	40839	2614.9
		100	40546	2585.6	50	40690	2600	100	40834	2614.4
		100	40542	2585.2	100	40740	2605	50	40894	2619.4
	75+75+100	75	40518	2582.8	75	40668	2597.8	100	40839	2614.9
		75	40519	2582.9	100	40690	2600	75	40861	2617.1
		100	40541	2585.1	75	40712	2602.2	75	40862	2617.2
	75+100+100	75	40494	2580.4	100	40665	2597.5	100	40863	2617.3
		100	40519	2582.9	75	40690	2600	100	40861	2617.1
		100	40517	2582.7	100	40715	2602.5	75	40886	2619.6
	100+100+100	100	40492	2580.2	100	40690	2600	100	40888	2619.8
High	50+75+100	50	40849	2615.9	75	40969	2627.9	100	41140	2645
		50	40847	2615.7	100	40991	2630.1	75	41162	2647.2
		75	40876	2618.6	50	40996	2630.6	100	41140	2645
		75	40870	2618.0	100	41041	2635.1	50	41185	2649.5
		100	40898	2620.8	50	41042	2635.2	75	41162	2647.2
		100	40894	2620.4	75	41065	2637.5	50	41185	2649.5
	50+100+100	50	40798	2610.8	100	40942	2625.2	100	41140	2645
		100	40852	2616.2	50	40996	2630.6	100	41140	2645
		100	40843	2615.3	100	41041	2635.1	50	41185	2649.5
	75+75+100	75	40819	2612.9	75	40969	2627.9	100	41140	2645
		75	40820	2613.0	100	40991	2630.1	75	41162	2647.2
		100	40841	2615.1	75	41012	2632.2	75	41162	2647.2
	75+100+100	75	40771	2608.1	100	40942	2625.2	100	41140	2645
		100	40798	2610.8	75	40969	2627.9	100	41140	2645
		100	40793	2610.3	100	40991	2630.1	75	41162	2647.2
	100+100+100	100	40744	2605.4	100	40942	2625.2	100	41140	2645

Note 1: Carriers in increasing frequency order.

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E-UTRA CA Configuration	E-UTRA Bands	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Maximum aggregated bandwidth [MHz]	Bandwidth combination set
CA_2A-5A	2			Yes	Yes	Yes	Yes	30	0
	5			Yes	Yes				
	2			Yes	Yes			20	1
	5			Yes	Yes				
CA_2A-12A	2			Yes	Yes	Yes	Yes	30	0
	12			Yes	Yes				
	2			Yes	Yes	Yes	Yes	30	1
	12		Yes	Yes	Yes				
	2			Yes	Yes			20	2
	12			Yes	Yes				
CA_2A-12B	2			Yes	Yes	Yes	Yes	35	0
	12	See CA_12B Bandwidth Combination Set 0 in table 5.4.2A.1-1							
CA_2A-17A	2			Yes	Yes			20	0
	17			Yes	Yes				
	8			Yes	Yes				
	3			Yes	Yes	Yes	Yes	30	2
	8		Yes	Yes	Yes				
	3			Yes	Yes	Yes	Yes	30	3
	8			Yes	Yes				
CA_4A-5A	4			Yes	Yes			20	0
	5			Yes	Yes				
	4			Yes	Yes	Yes	Yes	30	1
	5			Yes	Yes				
CA_4A-12A	4	Yes	Yes	Yes	Yes			20	0
	12			Yes	Yes				
	4	Yes	Yes	Yes	Yes	Yes	Yes	30	1
	12			Yes	Yes				
	4			Yes	Yes	Yes	Yes	30	2
	12		Yes	Yes	Yes				
	4			Yes	Yes			20	3
	12			Yes	Yes				
	4			Yes	Yes	Yes	Yes	30	4
	12			Yes	Yes				
	4			Yes	Yes	Yes		20	5
	12			Yes					
CA_4A-12B	4			Yes	Yes	Yes	Yes	35	0
	12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_4A-17A	4			Yes	Yes			20	0
	17			Yes	Yes				
	28			Yes	Yes	Yes	Yes		
CA_5A-7A	5	Yes	Yes	Yes	Yes			30	0
	7				Yes	Yes	Yes		
	5			Yes	Yes			30	1
	7				Yes	Yes	Yes		
CA_7A-12A	7			Yes	Yes	Yes	Yes	30	0
	12			Yes	Yes				

inter-band CA (two bands)

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1.4 Test Specification

Identity	Document Title
FCC 47CFR §2.1093	Radiofrequency Radiation Exposure Evaluation: Portable Devices
IEEE Std C95.1 – 1991	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz.
IEEE 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
KDB 941225 D01 3G SAR Procedures v03r01	3G SAR Measurement Procedures
KDB 941225 D05 SAR for LTE Devices v02r05	SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES
KDB 941225 D05A LTE Rel.10 KDB Inquiry Sheet v01r02	Rel. 10 LTE SAR Test Guidance and KDB Inquiries
KDB 248227 D01 802.11 Wi-Fi SAR v02r02	SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS
KDB 941225 D06 Hotspot Mode SAR v02r01	SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities
KDB 648474 D04 Handset SAR v01r03	SAR Evaluation Considerations for Wireless Handsets
KDB447498 D01 General RF Exposure Guidance v06	Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies
KDB447498 D03 Supplement C Cross-Reference v01	OET Bulletin 65, Supplement C Cross-Reference
KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04	SAR Measurement Requirements for 100 MHz to 6 GHz
KDB 865664 D02 RF Exposure Reporting v01r02	RF Exposure Compliance Reporting and Documentation Considerations

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1.5 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR* (Brain*Trunk)	**1.60 mW/g**	8.00 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g	0.40 mW/g
Spatial Peak SAR*** (Hands/Feet/Ankle/Wrist)	4.00 mW/g	20.00 mW/g

Notes:

* The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.)

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2 Laboratory Environment

Temperature	Min. = 18℃, Max. = 25 ℃
Relative humidity	Min. = 30%, Max. = 70%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

Table 2 : The Ambient Conditions

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3 SAR Measurements System Configuration

3.1 The SAR Measurement System

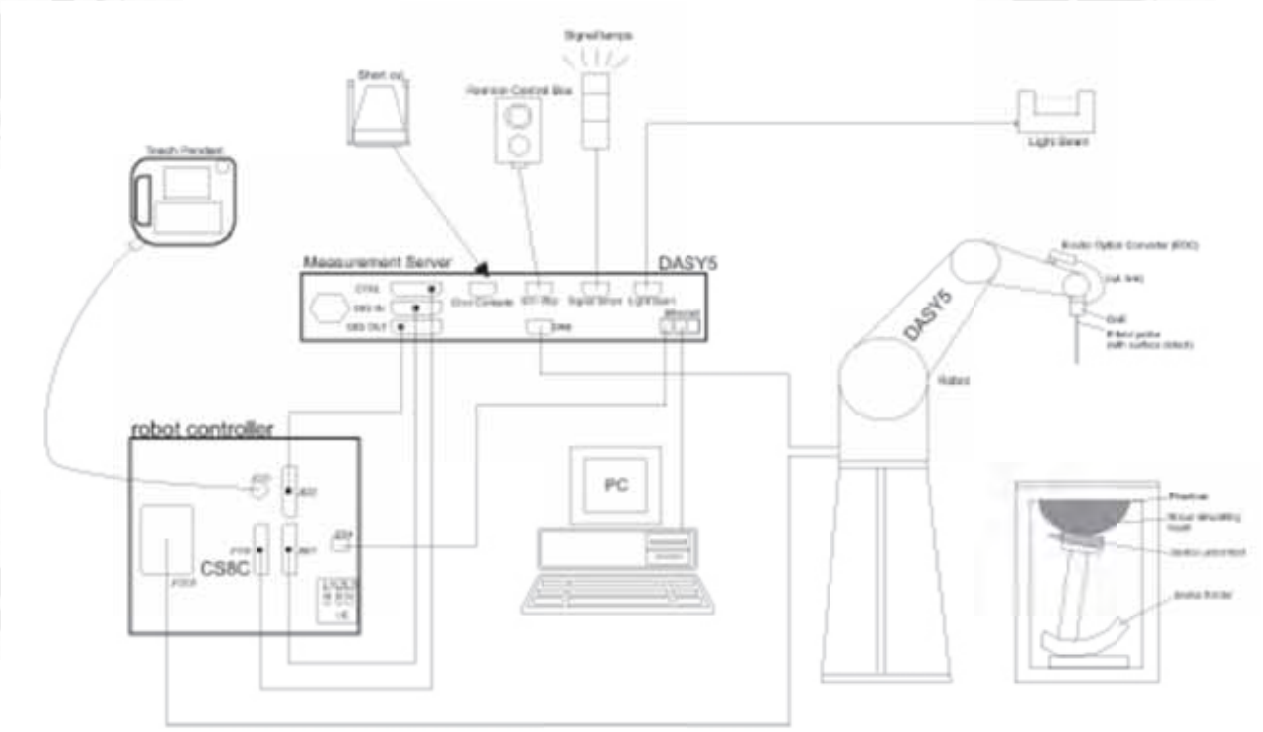
This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY5 professional system). A E-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|2)/ ρ where σ and ρ are the conductivity and mass density of the tissue-Simulate.

The DASY5 system for performing compliance tests consists of the following items:
A standard high precision 6-axis robot (Stabile RX family) with controller, teach pendant and software .An arm extension for accommodation the data acquisition electronics (DAE).

A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.

A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.



F-1. SAR Measurement System Configuration

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- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows 7.
- DASY5 software.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand, right-hand and Body Worn usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing to validating the proper functioning of the system.

3.2 Isotropic E-field Probe EX3DV4

	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in TSL (rotation around probe axis) ± 0.5 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better 30%.
Compatibility	DASY3, DASY4, DASY52 SAR and higher, EASY4/MRI

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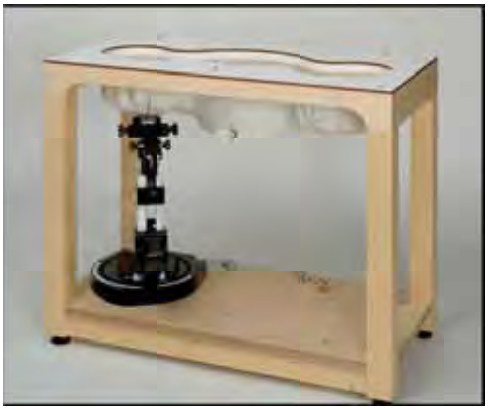
3.3 Data Acquisition Electronics (DAE)

Model	DAE4
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY4/5 embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV,400mV)
Input Offset Voltage	< 5µV (with auto zero)
Input Bias Current	< 50 f A
Dimensions	60 x 60 x 68 mm



3.4 SAM Twin Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)
Dimensions (incl. Wooden Support)	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	approx. 25 liters
Wooden Support	SPEAG standard phantom table



The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.

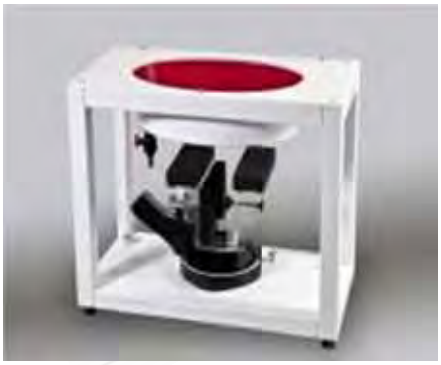
Twin SAM V5.0 has the same shell geometry and is manufactured from the same material as Twin SAM V4.0, but has reinforced top structure.

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3.5 ELI Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2.0 ± 0.2 mm (bottom plate)
Dimensions	Major axis: 600 mm Minor axis: 400 mm
Filling Volume	approx. 30 liters
Wooden Support	SPEAG standard phantom table



Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

ELI V5.0 has the same shell geometry and is manufactured from the same material as ELI4, but has reinforced top structure.

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3.6 Device Holder for Transmitters



F-2. **Device Holder for Transmitters**

- The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centres for both scales are the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.
- The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity ε=3 and loss tangent δ=0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

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3.7 Measurement procedure

3.7.1 Scanning procedure

Step 1: Power reference measurement

The “reference” and “drift” measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure.

Step 2: *Area scan*

The SAR distribution at the exposed side of the head was measured at a distance of 4mm from the inner surface of the shell. The area covered the entire dimension of the head and the horizontal grid spacing was 15mm*15mm or 12mm*12mm or 10mm*10mm.Based on the area scan data, the area of the maximum absorption was determined by spline interpolation.

Step 3: *Zoom scan*

Around this point, a volume of 32mm*32mm*30mm (f≤2GHz), 30mm*30mm*30mm (f for 2-3GHz) and 24mm*24mm*22mm (f for 5-6GHz) was assessed by measuring 5x5x7 points (f≤2GHz), 7x7x7 points (f for 2-3GHz) and 7x7x12 points (f for 5-6GHz). On this basis of this data set, the spatial peak SAR value was evaluated with the following procedure:

The data at the surface was extrapolated, since the centre of the dipoles is 2.0mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.2mm. (This can be variable. Refer to the probe specification).The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip. The maximum interpolated value was searched with a straight-forward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1g or 10g) were computed using the 3D-Spline interpolation algorithm. The volume was integrated with the trapezoidal algorithm. One thousand points were interpolated to calculate the average. All neighbouring volumes were evaluated until no neighboring volume with a higher average value was found.

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std. 1528-2013.

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			≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Step 4: Power reference measurement (drift)

The Power Drift Measurement job measures the field at the same location as the most recent power reference measurement job within the same procedure, and with the same settings. The indicated drift is mainly the variation of the DUT's output power and should vary max. ± 5 %

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3.7.2 Data Storage

The DASY software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DAE4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated. The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [m W/g], [m W/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

3.7.3 Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	- Sensitivity	Normi, ai0, ai1, ai2
	- Conversion factor	ConvFi
	- Diode compression point	Dcpi
Device parameters:	- Frequency	f
	- Crest factor	cf
Media parameters:	- Conductivity	ε
	- Density	ρ

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power.

The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf / dcp_i$$

With Vi = compensated signal of channel i (i = x, y, z)

Ui = input signal of channel i (i = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcp i = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

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E-field probes:

$$E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$$

H-field probes:

$$H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1} f + a_{i2} f^2) / f$$

With Vi = compensated signal of channel i (i = x, y, z)
Normi = sensor sensitivity of channel I (i = x, y, z)
[mV/(V/m)2] for E-field Probes
ConvF = sensitivity enhancement in solution
aij = sensor sensitivity factors for H-field probes
f = carrier frequency [GHz]
Ei = electric field strength of channel i in V/m

Hi = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_x^2 + E_Y^2 + E_z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (Etot^2 \cdot \sigma) / (\varepsilon \cdot 1000)$$

with SAR = local specific absorption rate in mW/g

Etot = total field strength in V/m

σ= conductivity in [mho/m] or [Siemens/m]

ε= equivalent tissue density in g/cm3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}^2 / 3770 \quad \text{or} \quad P_{pwe} = H_{tot}^2 \cdot 37.7$$

with Ppwe = equivalent power density of a plane wave in mW/cm2
Etot = total electric field strength in V/m

Htot = total magnetic field strength in A/m

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4 SAR measurement variability and uncertainty

4.1 SAR measurement variability

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

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4.2 SAR measurement uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

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5 Description of Test Position

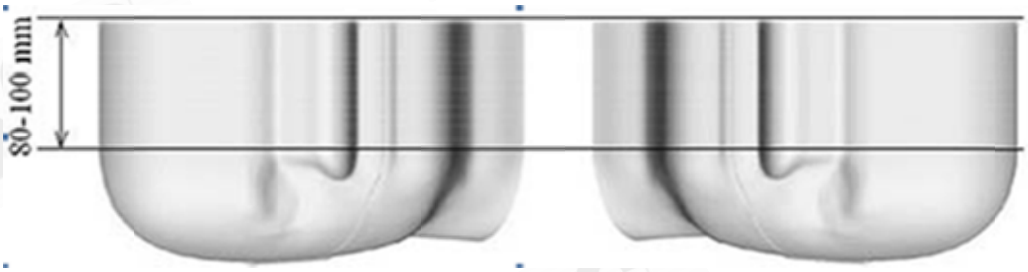
5.1 Head Exposure Condition

5.1.1 SAM Phantom Shape



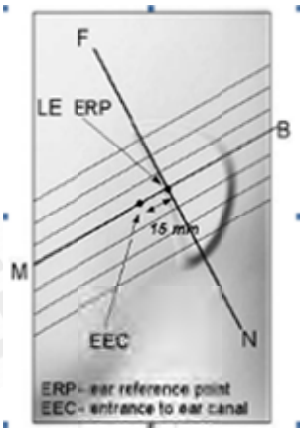
F-3. Front, back, and side views of SAM (model for the phantom shell). Full-head model is for illustration purposes only-procedures in this recommended practice are intended primarily for the phantom setup.

Note: The centre strip including the nose region has a different thickness tolerance.

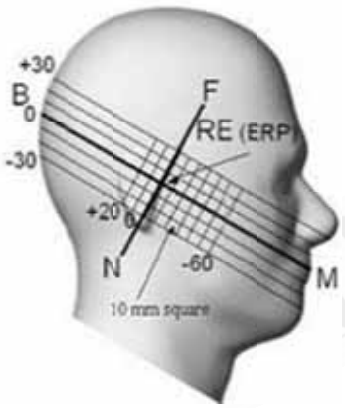


F-4. Sagittally bisected phantom with extended perimeter (shown placed on its side as used for SAR measurements)

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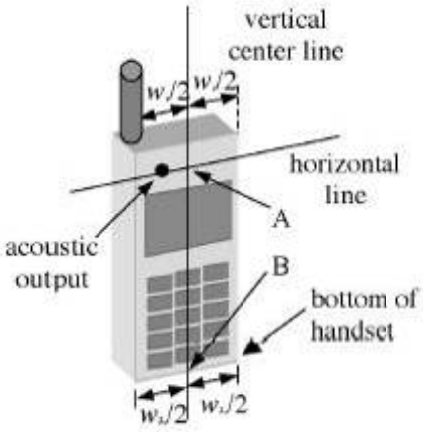


F-5. Close-up side view of phantom, showing the ear region, N-F and B-M lines, and seven cross-sectional plane locations

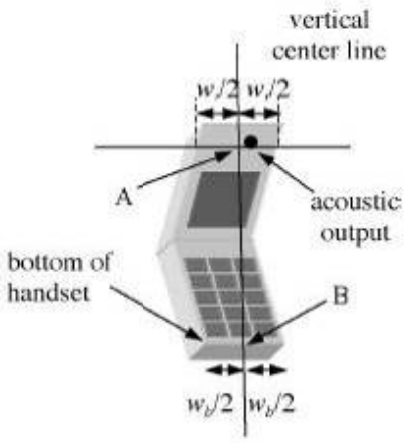


F-6. Side view of the phantom showing relevant markings and seven cross-sectional plane locations

5.1.2 EUT constructions



F-7. Handset vertical and horizontal reference lines-"fixed case"



F-8. Handset vertical and horizontal reference lines-"clam-shell case"

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5.1.3 Definition of the “cheek” position

a) Position the device with the vertical centre line of the body of the device and the horizontal line crossing the centre of the ear piece in a plane parallel to the sagittal plane of the phantom ("initial position"). While maintaining the device in this plane, align the vertical centre line with the reference plane containing the three ear and mouth reference points (M, RE and LE) and align the centre of the ear piece with the line RE-LE.

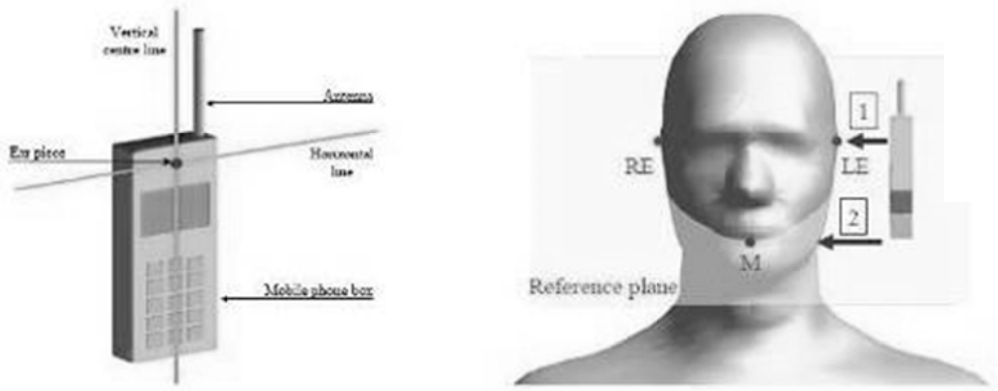
b) Translate the mobile phone box towards the phantom with the ear piece aligned with the line LE-RE until telephone touches the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the box until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.

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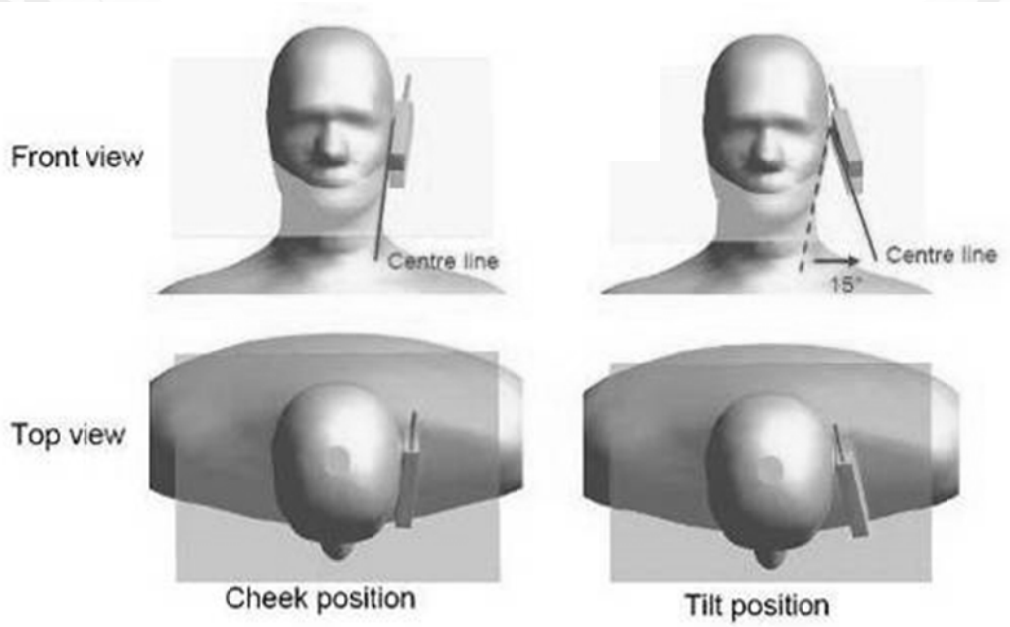
5.1.4 Definition of the “tilted” position

a) Position the device in the “cheek” position described above;

b) While maintaining the device in the reference plane described above and pivoting against the ear, move it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.



F-9. **Definition of the reference lines and points, on the phone and on the phantom and initial position**



F-10. **“Cheek” and “tilt” positions of the mobile phone on the left side**

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5.2 Body Exposure Condition

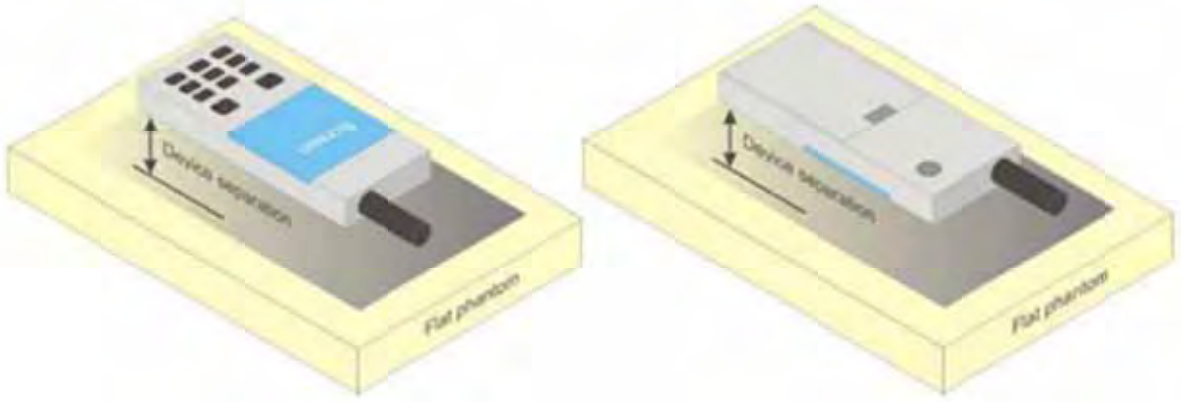
5.2.1 Body-worn accessory exposure conditions

Body-worn operating configurations should be tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in normal use configurations.

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration. Per FCC KDB Publication 648474 D04, Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

Accessories for Body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are tested with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-clip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

Body-worn accessories may not always be supplied or available as options for some devices intended to be authorized for body-worn use. In this case, a test configuration with a separation distance between the back of the device and the flat phantom is used. Test position spacing was documented. Transmitters that are designed to operate in front of a person's face, as in push-to-talk configurations, are tested for SAR compliance with the front of the device positioned to face the flat phantom in head fluid. For devices that are carried next to the body such as a shoulder, waist or chest-worn transmitters, SAR compliance is tested with the accessories, including headsets and microphones, attached to the device and positioned against a flat phantom in a normal use configuration.



F-11. **Test positions for body-worn devices**

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5.2.2 Wireless Router exposure conditions

Some battery-operated handsets have the capability to transmit and receive user data through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 where SAR test considerations for handsets (L x W ≥ 9 cm x 5 cm) are based on a composite test separation distance of 10 mm from the front, back and edges of the device containing transmitting antennas within 2.5 cm of their edges, determined from general mixed use conditions for this type of devices. For devices with form factors smaller than 9 cm x 5 cm, a test separation distance of 5 mm is required.

5.3 Extremity exposure conditions

Per FCC KDB 648474D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, the device is marketed as “Phablet”.
The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for Product Specific 10-g SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, Product Specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.
Due to the SAR result, only the following frequency bands need to test with 0mm for the Product Specific 10-g SAR, the others are not required.

1), GSM1900

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Limbs SAR Exclusion**
Hotspot Test data(Separate 10mm)										
Front side	GPRS 2TS	661/1880	1:4.15	0.226	0.01	24.58	29	2.767	0.625	yes
Back side	GPRS 2TS	661/1880	1:4.15	0.241	0.01	24.58	29	2.767	0.667	yes
Left side	GPRS 2TS	661/1880	1:4.15	0.0472	0.05	24.58	29	2.767	0.131	yes
Right side	GPRS 2TS	661/1880	1:4.15	0.0604	-0.06	24.58	29	2.767	0.167	yes
Bottom side	GPRS 2TS	661/1880	1:4.15	0.64	-0.01	24.58	29	2.767	**1.771**	no
Hotspot Test Data at the worst case with SIM2(10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.553	-0.11	24.58	29	2.767	1.530	no
Hotspot Test Data at the worst case with Battery 2#(10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.525	-0.2	24.58	29	2.767	1.453	no
Hotspot Test Data at the worst case with Battery 3#(10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.467	-0.18	24.58	29	2.767	1.292	no

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2), WCDMA Band 2

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Limbs SAR Exclusion**
Hotspot Test data (Separate 10mm)										
Front side	RMC	9400/1880	1:1	0.294	0.05	19.69	24	2.698	0.793	yes
Back side	RMC	9400/1880	1:1	0.284	0.18	19.69	24	2.698	0.766	yes
Left side	RMC	9400/1880	1:1	0.0607	0.06	19.69	24	2.698	0.164	yes
Right side	RMC	9400/1880	1:1	0.057	0.01	19.69	24	2.698	0.154	yes
Bottom side	RMC	9400/1880	1:1	0.662	0.18	19.69	24	2.698	1.786	no
Hotspot Test Data at the worst case with SIM2(10mm)										
Bottom side	RMC	9400/1880	1:1	0.554	0.12	19.69	24	2.698	1.495	no
Hotspot Test Data at the worst case with Battery 2#(10mm)										
Bottom side	RMC	9400/1880	1:1	0.75	0.18	19.69	24	2.698	**2.023**	no
Hotspot Test Data at the worst case with Battery 3#(10mm)										
Bottom side	RMC	9400/1880	1:1	0.538	0.02	19.69	24	2.698	1.451	no

3), WCDMA Band 4

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Limbs SAR Exclusion**
Hotspot Test data (Separate 10mm)										
Front side	RMC	1412/1732.4	1:1	0.3	0.14	18.92	24	3.221	0.966	yes
Back side	RMC	1412/1732.4	1:1	0.333	0.03	18.92	24	3.221	1.073	yes
Left side	RMC	1412/1732.4	1:1	0.0918	0.17	18.92	24	3.221	0.296	yes
Right side	RMC	1412/1732.4	1:1	0.0467	0.14	18.92	24	3.221	0.150	yes
Bottom side	RMC	1412/1732.4	1:1	0.6	0.05	18.92	24	3.221	1.933	no
Hotspot Test Data at the worst case with SIM2										
Bottom side	RMC	1412/1732.4	1:1	0.583	0.07	18.92	24	3.221	1.878	no
Hotspot Test Data at the worst case with Battery 2#										
Bottom side	RMC	1412/1732.4	1:1	0.651	-0.01	18.92	24	3.221	**2.097**	no
Hotspot Test Data at the worst case with Battery 3#										
Bottom side	RMC	1412/1732.4	1:1	0.607	-0.09	18.92	24	3.221	1.955	no

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4), LTE Band 2

Ant1 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Limbs SAR Exclusion**
Hotspot Test data (Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	19100/1900	1:1	0.23	0.16	18.44	24	3.597	0.827	yes
Back side	20	QPSK	19100/1900	1:1	0.263	0.05	18.44	24	3.597	0.946	yes
Left side	20	QPSK	19100/1900	1:1	0.0486	0.01	18.44	24	3.597	0.175	yes
Right side	20	QPSK	19100/1900	1:1	0.0559	-0.2	18.44	24	3.597	0.201	yes
Bottom side	20	QPSK	19100/1900	1:1	0.636	-0.01	18.44	24	3.597	**2.288**	no
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	19100/1900	1:1	0.232	-0.01	18.22	23	3.006	0.697	yes
Back side	20	QPSK	19100/1900	1:1	0.252	0.03	18.22	23	3.006	0.758	yes
Left side	20	QPSK	19100/1900	1:1	0.0417	0.01	18.22	23	3.006	0.125	yes
Right side	20	QPSK	19100/1900	1:1	0.0551	-0.01	18.22	23	3.006	0.166	yes
Bottom side	20	QPSK	19100/1900	1:1	0.61	-0.04	18.22	23	3.006	1.834	no
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	19100/1900	1:1	0.609	-0.02	18.22	23	3.006	1.831	no
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	19100/1900	1:1	0.542	-0.03	18.22	23	3.006	1.629	no
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	19100/1900	1:1	0.494	-0.03	18.22	23	3.006	1.485	no

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5), LTE Band 4

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR(W/kg)	Limbs SAR Exclusion
Hotspot Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.304	0.03	18.26	24	3.750	1.140	yes
Back side	20	QPSK	20175/1732.5	1:1	0.303	0.07	18.26	24	3.750	1.136	yes
Left side	20	QPSK	20175/1732.5	1:1	0.07	-0.01	18.26	24	3.750	0.262	yes
Right side	20	QPSK	20175/1732.5	1:1	0.0421	0.09	18.26	24	3.750	0.158	yes
Bottom side	20	QPSK	20175/1732.5	1:1	0.626	-0.12	18.26	24	3.750	2.347	no
Bottom side	20	QPSK	20050/1720	1:1	0.61	-0.07	18.19	24	3.808	2.323	no
Bottom side	20	QPSK	20300/1745	1:1	0.629	-0.07	18.22	24	3.786	2.381	no
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.307	-0.06	18.18	23	3.034	0.931	yes
Back side	20	QPSK	20175/1732.5	1:1	0.304	0.07	18.18	23	3.034	0.922	yes
Left side	20	QPSK	20175/1732.5	1:1	0.0707	-0.08	18.18	23	3.034	0.214	yes
Right side	20	QPSK	20175/1732.5	1:1	0.0412	0.07	18.18	23	3.034	0.125	yes
Bottom side	20	QPSK	20175/1732.5	1:1	0.625	-0.07	18.18	23	3.034	1.896	no
Bottom side	20	QPSK	20050/1720	1:1	0.605	-0.07	18.17	23	3.043	1.841	no
Bottom side	20	QPSK	20300/1745	1:1	0.637	0.04	18.17	23	3.039	1.936	no
Hotspot Test data (Separate 10mm 100%RB_0 offset)											
Bottom side	20	QPSK	20175/1732.5	1:1	0.618	-0.08	18.16	23	3.048	1.884	no
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	20300/1745	1:1	0.633	-0.06	18.17	24	3.826	**2.422**	no
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	20300/1745	1:1	0.581	-0.07	18.17	24	3.826	2.223	no
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	20300/1745	1:1	0.565	0.09	18.17	24	3.826	2.162	no

6), LTE Band 7

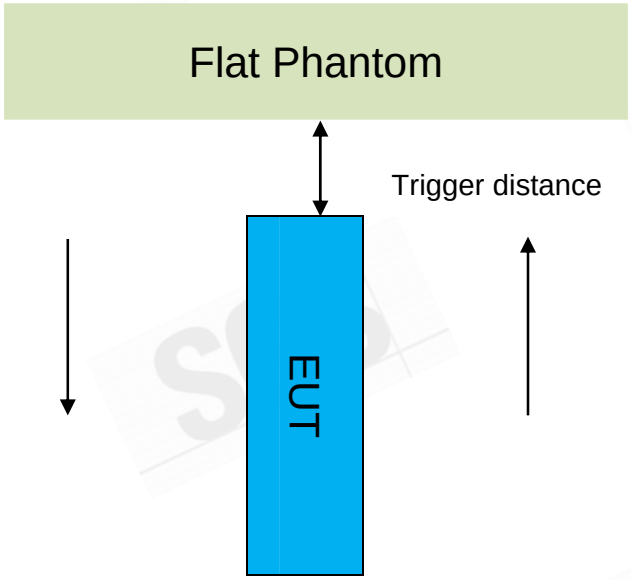
Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR(W/kg)	Limbs SAR Exclusion
Hotspot Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	21350/2560	1:1	0.181	0.09	17.92	23.5	3.614	0.654	yes
Back side	20	QPSK	21350/2560	1:1	0.166	0.17	17.92	23.5	3.614	0.600	yes
Left side	20	QPSK	21350/2560	1:1	0.107	-0.01	17.92	23.5	3.614	0.387	yes
Right side	20	QPSK	21350/2560	1:1	0.027	0.17	17.92	23.5	3.614	0.098	yes
Bottom side	20	QPSK	21350/2560	1:1	0.473	-0.02	17.92	23.5	3.614	1.709	no
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	21350/2560	1:1	0.181	-0.13	17.76	22.5	2.979	0.539	yes
Back side	20	QPSK	21350/2560	1:1	0.168	-0.03	17.76	22.5	2.979	0.500	yes
Left side	20	QPSK	21350/2560	1:1	0.0702	-0.05	17.76	22.5	2.979	0.209	yes
Right side	20	QPSK	21350/2560	1:1	0.0272	-0.09	17.76	22.5	2.979	0.081	yes
Bottom side	20	QPSK	21350/2560	1:1	0.467	-0.07	17.76	22.5	2.979	1.391	no
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	21350/2560	1:1	0.508	-0.02	17.76	23.5	3.750	**1.905**	no
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	21350/2560	1:1	0.403	-0.05	17.76	23.5	3.750	1.511	no
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	21350/2560	1:1	0.432	-0.18	17.76	23.5	3.750	1.620	no

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5.4 Proximity Sensor Triggering Test

1) Proximity sensor triggering distances

The Proximity sensor triggering was applied to WCDMA Band 2, 4; LTE Band 2, 4,7. Proximity sensor triggering distance testing was performed according to the procedures outlined in KDB 616217 D04 section 6.2, and EUT moving further away from the flat phantom and EUT moving toward the flat phantom were both assessed.



Proximity Sensor Triggering Distance(mm)		
Position	Back	Bottom
Minimum	4	8
Required SAR Test	3	7

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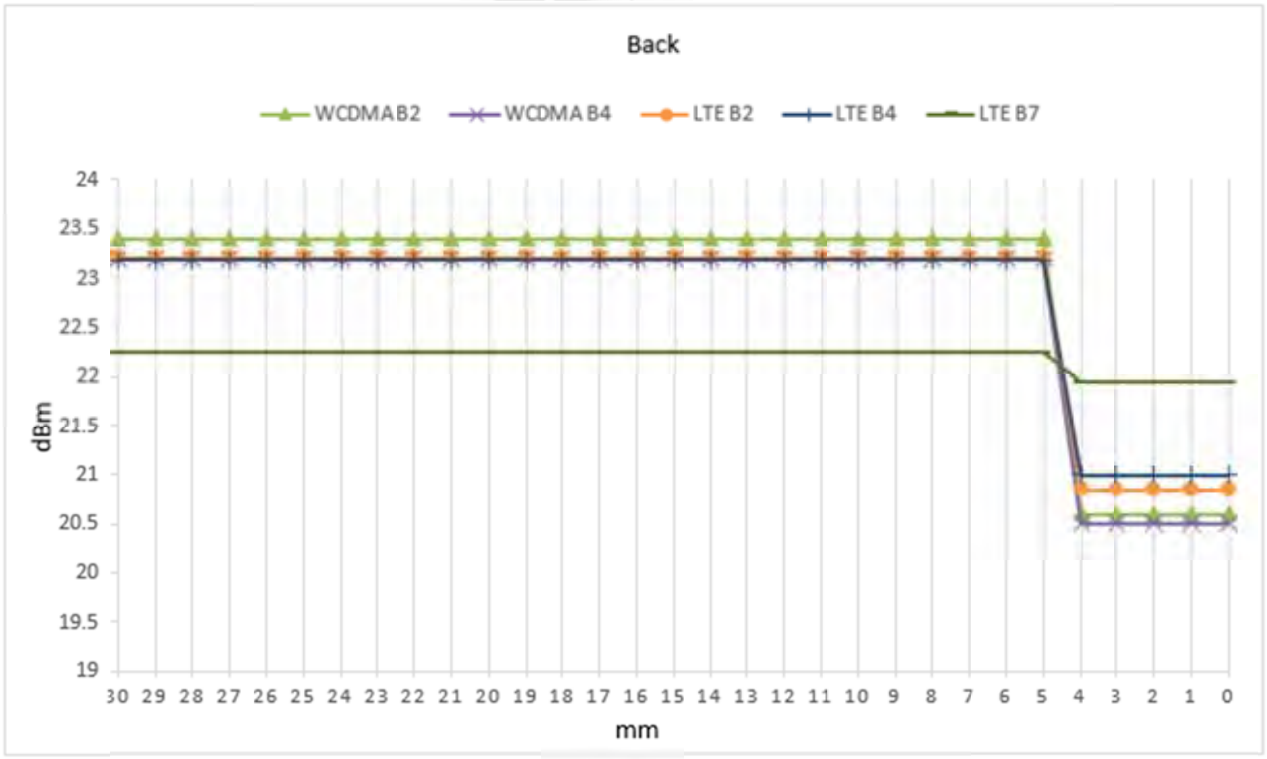
Antenna	Band	Trigger Condition	Body exposure condition
			Power reduction(dB)
Main Antenna	WCDMA B2	back side: Close to 4mm Bottom side: Close to 7mm;	3
Main Antenna	WCDMA B4	back side: Close to 4mm Bottom side: Close to 7mm;	3
Main Antenna	LTE B2	back side: Close to 4mm Bottom side: Close to 7mm;	2.5
Main Antenna	LTE B4	back side: Close to 4mm Bottom side: Close to 7mm;	2.5
Main Antenna	LTE B7	back side: Close to 4mm Bottom side: Close to 7mm;	1

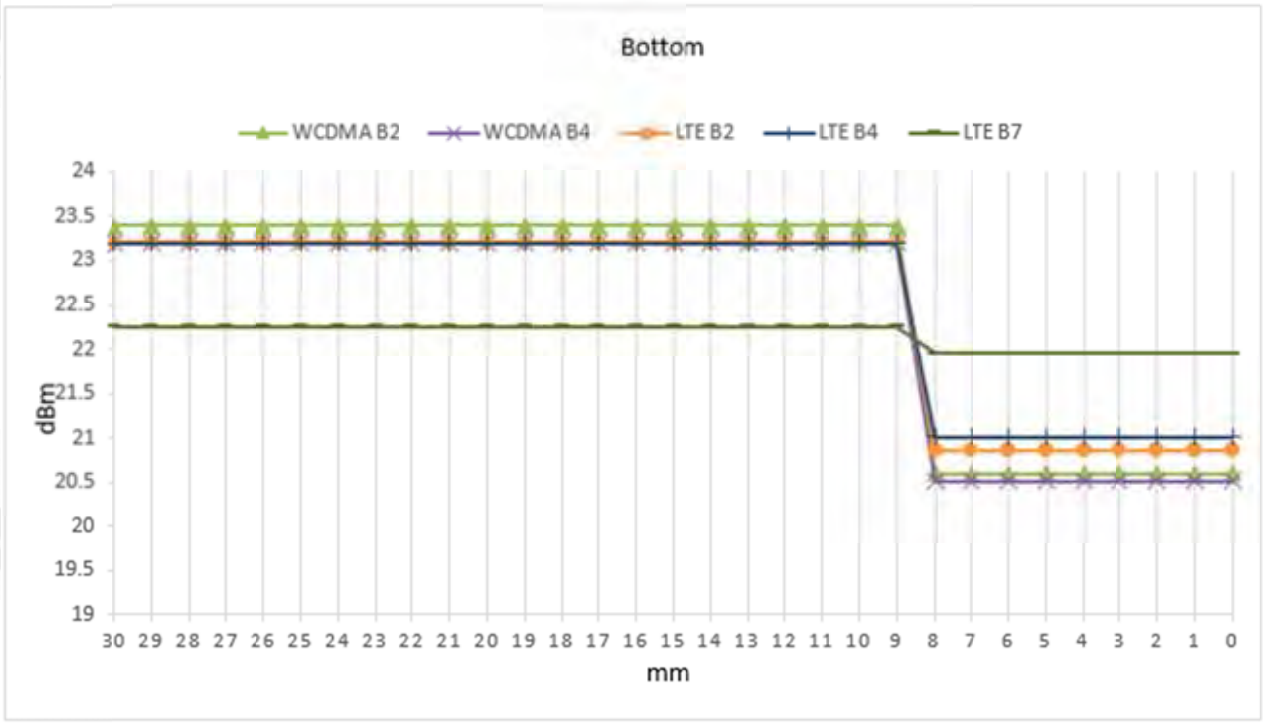
Note: SAR tests with proximity sensor power reduction are only required for the sides of frequency bands in the table above. For the other sides or other frequency bands of the device, SAR is still tested at the maximum power level with sensor off.

Band/Mode	Ch#	Measured Power(dBm)		Reduction levels(dB)
		Max. Power	Power back-off	
WCDMA B2 RMC 12.2kbps	9400	23.39	20.6	2.79
WCDMA B4 RMC 12.2kbps	1412	23.19	20.51	2.68
LTE B2(BW20,QPSK 1RB 0Offset)	18900	23.20	20.85	2.35
LTE B4(BW20,QPSK 1RB 0Offset)	20175	23.18	21	2.18
LTE B7(BW20, QPSK 1RB 0Offset)	21100	22.25	21.94	0.31

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- DUT Moving Toward（Trigger）the Phantom





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- DUT Moving Away（Release）from the Phantom





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2) Proximity sensor coverage

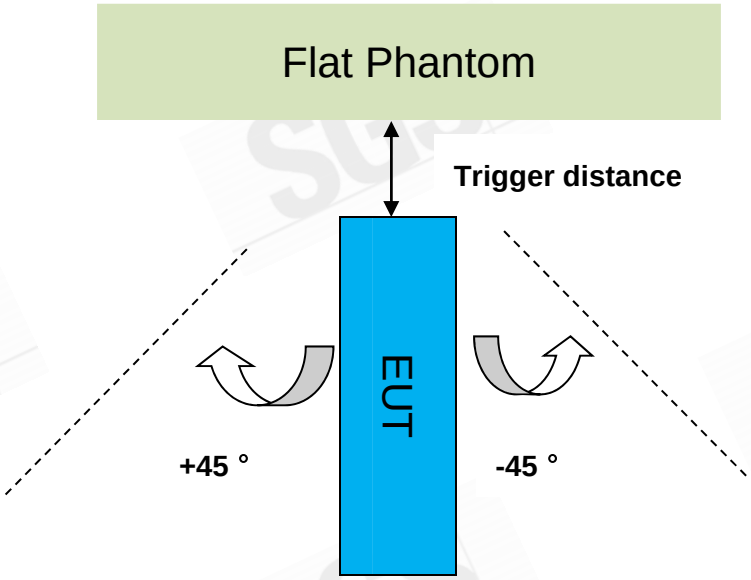
If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. For p-sensor coverage testing, the device is moved and “along the direction of maximum antenna and sensor offset”.

The proximity sensor and main antenna use same metallic electrode, so there is no spatial offset.

3) Device tilt angle influences to proximity sensor triggering

The influence of device tilt angles to proximity sensor triggering was determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom, at 8 mm separation.

Rotating the tablet around the edge next to the phantom in ≤ 10° increments until the tablet is ± 45° from the vertical position at 0°, and the maximum output power remains in the reduced mode.



The Sensor Triggering Distance(mm)	
Position	Bottom
Minimum	8
Required SAR Test	7

Summary of Tablet Tilt Angle Influence to Proximity Sensor Triggering for Right Side												
Band(MHz)	Minimum trigger distance Per KDB616217§6.2	Minimum trigger distance at which power reduction was maintained over ±45°	Power Reduction Status									
			-45°	-35°	-25°	-15°	-5°	0°	5°	15°	25°	35°	45°
WCDMA B2	8mm	8mm	on	on	on	on	on	on	on	on	on	on	on
WCDMA B4	8mm	8mm	on	on	on	on	on	on	on	on	on	on	on
LTE B2	8mm	8mm	on	on	on	on	on	on	on	on	on	on	on
LTE B4	8mm	8mm	on	on	on	on	on	on	on	on	on	on	on
LTE B7	8mm	8mm	on	on	on	on	on	on	on	on	on	on	on

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6 SAR System Verification Procedure

6.1 Tissue Simulate Liquid

6.1.1 Recipes for Tissue Simulate Liquid

The bellowing tables give the recipes for tissue simulating liquids to be used in different frequency bands：

Ingredients (% by weight)	Frequency (MHz)							
	450		835		1800-2000		2300-2700	
Tissue Type	**Head**	**Body**	**Head**	**Body**	**Head**	**Body**	**Head**	**Body**
Water	38.56	51.16	40.30	50.75	55.24	70.17	55.00	68.53
Salt (NaCl)	3.95	1.49	1.38	0.94	0.31	0.39	0.2	0.1
Sucrose	56.32	46.78	57.90	48.21	0	0	0	0
HEC	0.98	0.52	0.24	0	0	0	0	0
Bactericide	0.19	0.05	0.18	0.10	0	0	0	0
Tween	0	0	0	0	44.45	29.44	44.80	31.37
Salt: 99^{+}% Pure Sodium Chloride Water: De-ionized, 16 MΩ^{+} resistivity Tween: Polyoxyethylene (20) sorbitan monolaurate					Sucrose: 98^{+}% Pure Sucrose HEC: Hydroxyethyl Cellulose			
HSL5GHz is composed of the following ingredients： Water：50-65% Mineral oil：10-30% Emulsifiers：8-25% Sodium salt：0-1.5%								
MSL5GHz is composed of the following ingredients： Water：64-78% Mineral oil：11-18% Emulsifiers：9-15% Sodium salt：2-3%								

Table 3：Recipe of Tissue Simulate Liquid

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6.1.2 Measurement for Tissue Simulate Liquid

The dielectric properties for this Tissue Simulate Liquids were measured by using the Agilent Model 85070E Dielectric Probe in conjunction with Agilent E5071C Network Analyzer (300 KHz-8500 MHz). The Conductivity (σ) and Permittivity (ρ) are listed in bellow table. For the SAR measurement given in this report. The temperature variation of the Tissue Simulate Liquids was 22±2°C.

Tissue Type	Measured Frequency (MHz)	Target Tissue (±5%)		Measured Tissue		Liquid Temp.	Measured Date
		ε_r	σ(S/m)	ε_r	σ(S/m)	(℃)	
750 Head	750	41.9 (39.81~44)	0.89 (0.85~0.94)	41.649	0.895	22.1	2017/8/20
750 Head	750	41.9 (39.81~44)	0.89 (0.85~0.94)	41.66	0.898	22.1	2017/8/29
750 Body	750	55.5 52.73~58.28)	0.96 (0.91~1.00)	56.833	0.96	22.1	2017/8/23
750 Body	750	55.5 52.73~58.28)	0.96 (0.91~1.00)	56.463	0.972	22.1	2017/8/27
835 Head	835	41.5 39.43~43.58)	0.90 (0.86~0.95)	42.04	0.909	22.1	2017/8/19
835 Head	835	41.5 (39.43~43.58)	0.90 (0.86~0.95)	42.113	0.905	22.1	2017/9/7
835 Body	835	55.2 52.44~57.96)	0.97 (0.92~1.02)	56.316	1.005	22.1	2017/8/20
835 Body	835	55.2 52.44~57.96)	0.97 (0.92~1.02)	53.807	0.985	22.1	2017/8/26
835 Body	835	55.2 (52.44~57.96)	0.97 (0.92~1.02)	56.301	1.003	22.1	2017/9/6
1750 Head	1750	40.1 38.10~42.11)	1.37 (1.30~1.44)	39.117	1.372	22.2	2017/8/30
1750 Head	1750	40.1 (38.10~42.11)	1.37 (1.30~1.44)	40.757	1.332	22.2	2017/9/5
1750 Body	1750	53.4 (50.73~56.07)	1.49 (1.42~1.56)	51.003	1.481	22.2	2017/9/4
1750 Body	1750	53.4 (50.73~56.07)	1.49 (1.42~1.56)	53.127	1.547	22.2	2017/9/15
1900 Head	1900	40.0 38.00~42.00)	1.40 (1.33~1.47)	40.58	1.373	22.3	2017/8/29
1900 Head	1900	40.0 38.00~42.00)	1.40 (1.33~1.47)	38.564	1.451	22.3	2017/9/14
1900 Body	1900	53.3 (50.64~55.97)	1.52 (1.44~1.60)	53.025	1.476	22.3	2017/9/3
1900 Body	1900	53.3 (50.64~55.97)	1.52 (1.44~1.60)	53.237	1.51	22.3	2017/9/14
2450 Head	2450	39.20 (37.24~41.16)	1.80 (1.71~1.89)	37.999	1.855	22	2017/8/21
2450 Body	2450	52.7 50.07~55.34)	1.95 (1.85~2.05)	52.325	1.995	22	2017/8/31
2600 Head	2600	39.0 (37.05~40.95)	1.96 (1.86~2.06)	37.439	2.028	22.1	2017/8/24
2600 Head	2600	39.0 (37.05~40.95)	1.96 (1.86~2.06)	37.452	2.019	22.1	2017/9/11

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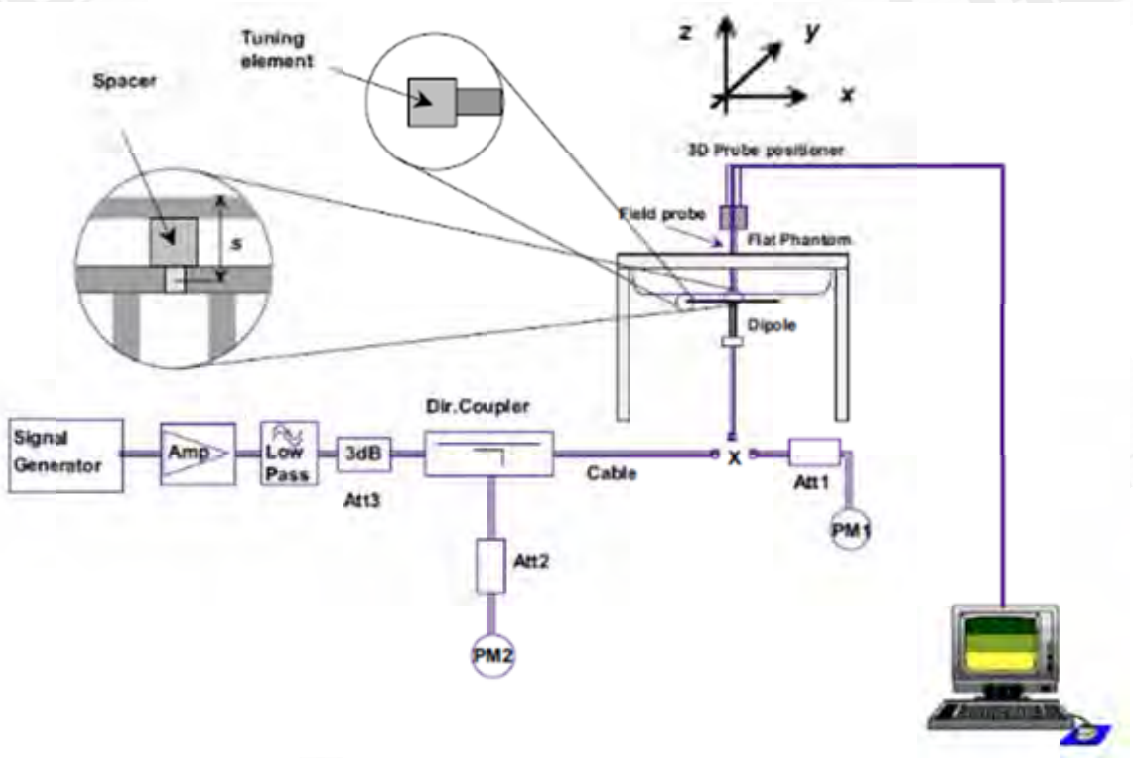
2600 Body	2600	52.50 49.88~55.13)	2.16 (2.05~2.27)	50.237	2.187	22.2	2017/8/27
2600 Body	2600	52.50 49.88~55.13)	2.16 (2.05~2.27)	51.866	2.18	22.1	2017/9/12
2600 Body	2600	52.50 49.88~55.13)	2.16 (2.05~2.27)	52.919	2.132	22.2	2017/9/13
2600 Body	2600	52.50 49.88~55.13)	2.16 (2.05~2.27)	52.907	2.141	22.2	2017/9/13
5250Head	5250	35.9 (34.11~37.70)	4.71 (4.47~4.95)	36.011	4.721	22.2	2017/9/9
5250 Body	5250	48.9 (46.46~51.35)	5.36 (5.09~5.63)	48.122	5.426	22.2	2017/8/24
5250 Body	5250	48.9 (46.46~51.35)	5.36 (5.09~5.63)	48.322	5.382	22.2	2017/8/25
5600 Head	5600	35.5 (33.73~37.28)	5.07 (4.82~5.32)	35.059	5.107	22.2	2017/9/9
5600 Body	5600	48.5 (46.08~50.93)	5.77 (5.48~6.06)	47.19	5.85	22.2	2017/8/24
5600 Body	5600	48.5 (46.08~50.93)	5.77 (5.48~6.06)	47.219	5.803	22.2	2017/8/25
5750 Head	5750	35.4 (33.63~37.17)	5.22 (4.96~5.48)	34.695	5.279	22.2	2017/9/9
5750 Body	5750	48.3 (45.89~50.72)	5.94 (5.64~6.24)	46.85	6.017	22.2	2017/8/24
5750 Body	5750	48.3 (45.89~50.72)	5.94 (5.64~6.24)	46.985	5.969	22.2	2017/8/25

Table 4：Measurement result of Tissue electric parameters

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6.2 SAR System Check

The microwave circuit arrangement for system check is sketched in bellow figure. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. The tests were conducted on the same days as the measurement of the EUT. The obtained results from the system accuracy verification are displayed in the following table. During the tests, the ambient temperature of the laboratory was in the range 22±2°C, the relative humidity was in the range 60% and the liquid depth above the ear reference points was above 15 cm in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



F-12. the microwave circuit arrangement used for SAR system check

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6.2.1 Justification for Extended SAR Dipole Calibrations

1) Referring to KDB865664 D01 requirements for dipole calibration, instead of the typical annual calibration recommended by measurement standards, longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remain stable according to the following requirements. Each measured dipole is expected to evaluate with the following criteria at least on annual interval in Appendix C.
a) There is no physical damage on the dipole;
b) System check with specific dipole is within 10% of calibrated value;
c) Return-loss is within 10% of calibrated measurement;
d) Impedance is within 5Ω from the previous measurement.

2) Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.

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6.2.2 Summary System Check Result(s)

Validation Kit		Measured SAR 250mW	Measured SAR 250mW	Measured SAR (normalized to 1w)	Measured SAR ormalized to 1w)	Target SAR (normalized to 1w) (±10%)	Target SAR (normalized to 1w) (±10%)	Liquid Temp. (℃)	Measured Date
		1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)		
D750V2	Head	1.99	1.31	7.96	5.24	8.17 (7.35~8.99)	5.36 (4.82~5.9)	22.1	2017/8/20
	Head	2	1.32	8	5.28	8.17 (7.35~8.99)	5.36 (4.82~5.9)	22.1	2017/8/29
	Body	2.12	1.41	8.48	5.64	8.57 (7.71~9.43)	5.66 (5.09~6.23)	22.1	2017/8/23
	Body	2.15	1.43	8.6	5.72	8.57 (7.71~9.43)	5.66 (5.09~6.23)	22.1	2017/8/27
D835V2	Head	2.34	1.53	9.36	6.12	9.59 (8.63~10.55)	6.29 (5.66~6.92)	22.1	2017/8/19
	Head	2.48	1.62	9.92	6.48	9.59 (8.63~10.55)	6.29 (5.66~6.92)	22.1	2017/9/7
	Body	2.53	1.67	10.12	6.68	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2017/8/20
	Body	2.48	1.63	9.92	6.52	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2017/8/26
	Body	2.52	1.66	10.08	6.64	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2017/9/6
D1750V2	Head	8.83	4.74	35.32	18.96	36.7 (33.03~40.37)	19.5 (17.55~21.45)	22.2	2017/9/5
	Head	9.1	4.88	36.4	19.52	36.7 (33.03~40.37)	19.5 (17.55~21.45)	22.2	2017/8/30
	Body	9.84	5.23	39.36	20.92	37 (33.30~40.70)	19.7 (17.73~21.67)	22.2	2017/9/15
	Body	9.43	5.01	37.72	20.04	37 (33.30~40.70)	19.7 (17.73~21.67)	22.2	2017/9/4
D1900V2	Head	10.2	5.29	40.8	21.16	40.7 (36.63~44.77)	21.1 (18.99~23.21)	22.3	2017/8/29
	Head	10.8	5.59	43.2	22.36	40.7 (36.63~44.77)	21.1 (18.99~23.21)	22.3	2017/9/14
	Body	10.3	5.43	41.2	21.72	41.6 (37.44~45.76)	21.4 (19.26~23.54)	22.3	2017/9/14
	Body	10	5.31	40	21.24	41.6 (37.44~45.76)	21.4 (19.26~23.54)	22.3	2017/9/3
D2450V2	Head	13.5	6.26	54	25.04	53.1 (47.79~58.41)	24.9 (22.41~27.39)	22	2017/8/21
	Body	12.8	6.01	51.2	24.04	51.0 (45.9~56.1)	23.5 (21.15~25.85)	22	2017/8/31

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D2600V2	Head	14.4	6.33	57.6	25.32	56.6 (50.94~62.26)	25.4 (22.86~27.94)	22.1	2017/8/24
	Head	14.9	6.57	59.6	26.28	56.6 (50.94~62.26)	25.4 (22.86~27.94)	22.1	2017/9/11
	Body	13.4	6.08	53.6	24.32	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.1	2017/9/12
	Body	13.1	5.93	52.4	23.72	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.2	2017/9/13
	Body	13.3	5.98	53.2	23.92	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.1	2017/9/13
	Body	13.5	6.1	54	24.4	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.1	2017/8/27

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Validation Kit		Measured SAR 100mW	Measured SAR 100mW	Measured SAR (normalized to 1w)	Measured SAR (normalized to 1w)	Target SAR (normalized to 1w) (±10%)	Target SAR (normalized to 1w) (±10%)	Liquid Temp. (℃)	Measured Date
		1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)		
D5GHzV2	Head (5.25GHz)	7.1	2.02	71	20.2	76.6 (68.94~84.26)	21.9 (19.71~24.09)	22.2	2017/9/9
	Body (5.25GHz)	7.16	1.95	71.6	19.5	75.6 (68.04~83.16)	21.3 (19.17~23.43)	22.2	2017/8/24
	Body (5.25GHz)	7.1	1.94	71	19.4	75.6 (68.04~83.16)	21.3 (19.17~23.43)	22.2	2017/8/25
	Head (5.6GHz)	7.67	2.16	76.7	21.6	80.4 (72.36~88.44)	22.8 (20.52~25.08)	22.2	2017/9/9
	Body (5.6GHz)	8.5	2.3	85	23	81.1 (72.99~89.21)	22.9 (20.61~25.19)	22.2	2017/8/24
	Body (5.6GHz)	8.43	2.28	84.3	22.8	81.1 (72.99~89.21)	22.9 (20.61~25.19)	22.2	2017/8/25
	Head (5.75GHz)	7.74	2.21	77.4	22.1	80 (72~88)	22.7 (20.43~24.97)	22.2	2017/9/9
	Body (5.75GHz)	7.74	2.11	77.4	21.1	74.8 (67.32~82.28)	21 (18.9~23.1)	22.2	2017/8/24
	Body (5.75GHz)	7.68	2.1	76.8	21	74.8 (67.32~82.28)	21 (18.9~23.1)	22.2	2017/8/25

Table 5：SAR System Check Result

6.2.3 Detailed System Check Results

Please see the Appendix A

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7 Test Configuration

7.1 3G SAR Test Reduction Procedure

According to KDB 941225D01, in the following procedures, the mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode. This is referred to as the 3G SAR test reduction procedure in the following SAR test guidance, where the primary mode is identified in the applicable wireless mode test procedures and the secondary mode is wireless mode being considered for SAR test reduction by that procedure. When the 3G SAR test reduction procedure is not satisfied, it is identified as “otherwise” in the applicable procedures; SAR measurement is required for the secondary mode.

7.2 Operation Configurations

7.2.1 GSM Test Configuration

SAR tests for GSM 850 and GSM 1900, a communication link is set up with a base station by air link. Using CMU200 the power lever is set to “5”and “0” in SAR of GSM 850 and GSM 1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5. The EGPRS class is 12 for this EUT, it has at most 4 timeslots in uplink, and at most 4 timeslots in downlink, the maximum total timeslot is 5.

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

The 3G SAR test reduction procedure is applied to 8-PSK EDGE with GMSK GPRS/EDGE as the primary mode

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7.2.2 WCDMA Test Configuration

1）. Output Power Verification

Maximum output power is verified on the high, middle and low channels according to procedures described in section 5.2 of 3GPP TS 34.121, using the appropriate RMC or AMR with TPC (transmit power control) set to all "1's" for WCDMA/HSDPA or by applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HSDPA, HSPA) are required in the SAR report. All configurations that are not supported by the handset or cannot be measured due to technical or equipment limitations must be clearly identified.

2）. Head SAR

SAR for next to the ear head exposure is measured using a 12.2 kbps RMC with TPC bits configured to all "1's". The 3G SAR test reduction procedure is applied to AMR configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for 12.2 kbps AMR in 3.4 kbps SRB (signaling radio bearer) using the highest reported SAR configuration in 12.2 kbps RMC for head exposure

3）. Body SAR

SAR for body configurations is measured using a 12.2 kbps RMC with TPC bits configured to all "1's". The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the handset with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured using an applicable RMC configuration with the corresponding spreaing code or DPDCHn, for the highest reported body-worn accessory exposure SAR configuration in 12.2 kbps RMC. When more than 2 DPDCHn are supported by the handset, it may be necessary to configure additional DPDCHn using FTM (Factory Test Mode) or other chipset based test approaches with parameters similar to those used in 384 kbps and 768 kbps RMC.

4）. HSDPA / HSUPA / DC-HSDPA

According to KDB 941225 D01v03, RMC 12.2kbps setting is used to evaluate SAR. If the maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA

a) HSDPA

HSDPA is configured according to the applicable UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission conditions, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4 ms and a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. DPCCH and DPDCH gain factors(βc, βd), and HS-DPCCH power offset parameters (ΔACK, ΔNACK, ΔCQI) are set according to values indicated in the following table The CQI value is determined by the UE category, transport block size, number of HS-PDSCHs and modulation used in the H-set.

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Sub-test	βc	Bd	βd(SF)	βc/βd	βhs	CM(dB)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note1: ΔACK, ΔNACK and ΔCQI= 8 Ahs = βhs/βc=30/15 βhs=30/15*βc
Note2:For the HS-DPCCH power mask requirement test in clause 5.2C,5.7A,and the Error Vector Magnitude(EVM) with HS-DPCCH test in clause 5.13.1.A,and HSDPA EVM with phase discontinuity in clause 5.13.1AA, ΔACK and ΔNACK= 8 (Ahs=30/15) with βhs=30/15*βc,and ΔCQI=
7 (Ahs=24/15) with βhs=24/15*βc.
Note3: CM=1 forβc/βd =12/15, βhs/βc=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI"s
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

Table 6：settings of required H-Set 1 QPSK acc. to 3GPP 34.121

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HS-DSCH Category	Maximum HS-DSCH Codes Received	Minimum Inter-TTI Interval	MaximumH S-DSCH Transport BlockBits/HS-DSCH TTI	Total Soft Channel Bits
1	5	3	7298	19200
2	5	3	7298	28800
3	5	2	7298	28800
4	5	2	7298	38400
5	5	1	7298	57600
6	5	1	7298	67200
7	10	1	14411	115200
8	10	1	14411	134400
9	15	1	25251	172800
10	15	1	27952	172800
11	5	2	3630	14400
12	5	1	3630	28800
13	15	1	34800	259200
14	15	1	42196	259200
15	15	1	23370	345600
16	15	1	27952	345600

Table 7：HSDPA UE category

b) HSUPA

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSUPA should be configured according to the values indicated below as well as other applicable procedures described in the „WCDMA Handset“ and „Release 5 HSUPA Data Device“ sections of 3G device.

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Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs}(1)	β_{ec}	β_{ed}	β_{ed} codes	CM(2) (dB)	MPR (dB)	AG Index(4)	E-TFCI
1	11/15(3)	15/15(3)	64	11/15(3)	22/15	209/225	1039/225	4	1	1.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}:47/15 β_{ed2}:47/15	4	2	2.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	17	71
5	15/15(5)	15/15(4)	64	15/15(5)	30/15	24/15	134/15	4	1	1.0	21	81

Note 1: Δ ACK, Δ NACK and Δ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$

Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3 : For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$.

Note 4 : For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$.

Note 5 : Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.

Note 6: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Table 8 : Subtests for UMTS Release 6 HSUPA

UE E-DCH Category	Maximum E-DCH Codes Transmitted	Number of HARQ Processes	E-DCH TTI(ms)	Minimum Speading Factor	Maximum E-DCH Transport Block Bits	Max Rate (Mbps)
1	1	4	10	4	7110	0.7296
2	2	8	2	4	2798	1.4592
	2	4	10	4	14484	
3	2	4	10	4	14484	1.4592
4	2	8	2	2	5772	2.9185
	2	4	10	2	20000	2.00
5	2	4	10	2	20000	2.00
6 (No DPDCH)	4	8	10	2SF2&2SF4	11484	5.76
	4	4	2		20000	2.00
7 (No DPDCH)	4	8	2	2SF2&2SF4	22996	?
	4	4	10		20000	?

NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4. UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM (TS25.306-7.3.0).

Table 9 : HSUPA UE category

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c) DC-HSDPA

SAR is required for Rel. 8 DC-HSDPA when SAR is required for Rel. 5 HSDPA; otherwise, the 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a Second serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable.

The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0.

A summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0

Table E.5.0: Levels for HSDPA connection setup

Parameter During Connection setup	Unit	Value
P-CPICH_Ec/Ior	dB	-10
P-CCPCH and SCH_Ec/Ior	dB	-12
PICH _Ec/Ior	dB	-15
HS-PDSCH	dB	off
HS-SCCH_1	dB	off
DPCH_Ec/Ior	dB	-5
OCNS_Ec/Ior	dB	-3.1

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13.

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122.

The measurements were performed with a Fixed Reference Channel (FRC) H-Set 12 with QPSK.

Parameter	Value
Nominal average inf. bit rate	60 kbit/s
Inter-TTI Distance	1 TTI's
Number of HARQ Processes	6 Processes
Information Bit Payload	120 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	960 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	3200 SMLs
Coding Rate	0.15
Number of Physical Channel Codes	1

Table 10： settings of required H-Set 12 QPSK acc. to 3GPP 34.121

Note:

1. The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table above.

2. Maximum number of transmission is limited to 1,i.e.,retransmission is not allowed. The redundancy and constellation version 0 shall be used.

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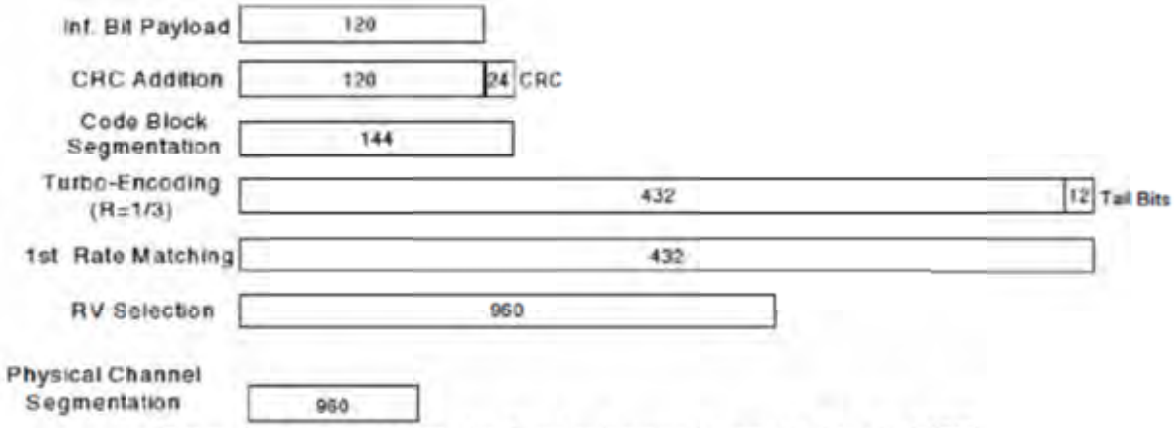


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 Sub-tests for HSDPA were completed according to Release 5 procedures. A summary of subtest settings are illustrated below:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs} (1)	CM(dB)(2)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ ACK, Δ NACK and Δ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$

Note 2: CM=1 for β_c/β_d= 12/15, β_{hs}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 3 : For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

Up commands are set continuously to set the UE to Max power.

Note:

1. The Dual Carriers transmission only applies to HSDPA physical channels
2. The Dual Carriers belong to the same Node and are on adjacent carriers.
3. The Dual Carriers do not support MIMO to serve UEs configured for dual cell operation
4. The Dual Carriers operate in the same frequency band.
5. The device doesn't support the modulation of 16QAM in uplink but 64QAM in downlink for DC-HSDPA mode.
6. The device doesn’t support carrier aggregation for it just can operate in Release 8.

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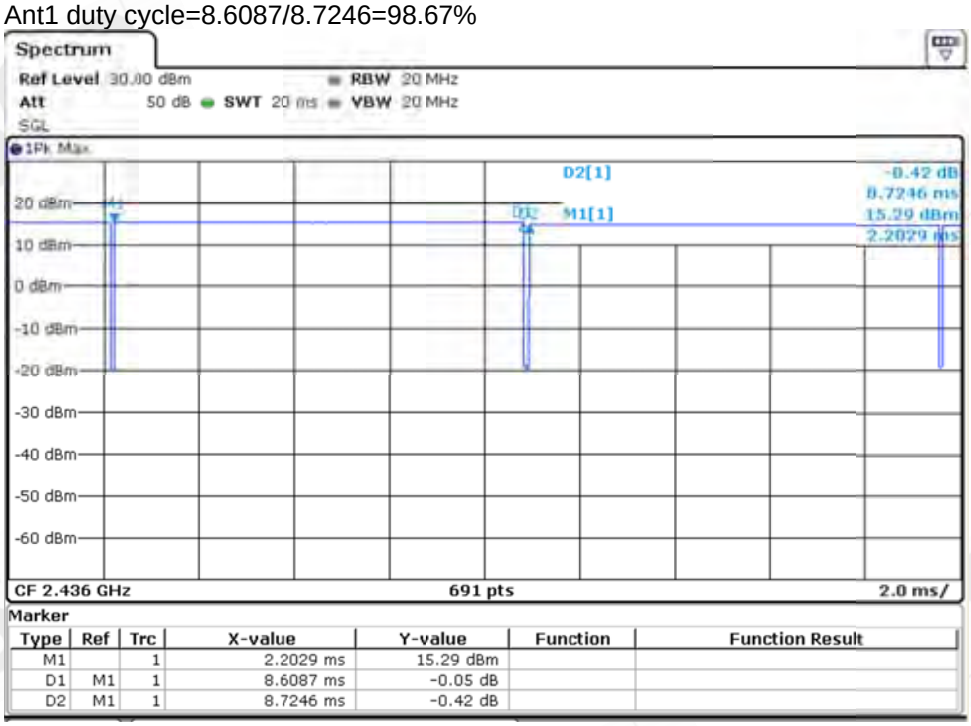
7.2.3 WiFi Test Configuration

A Wi-Fi device must be configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools for SAR measurement.

7.2.3.1 Duty cycle

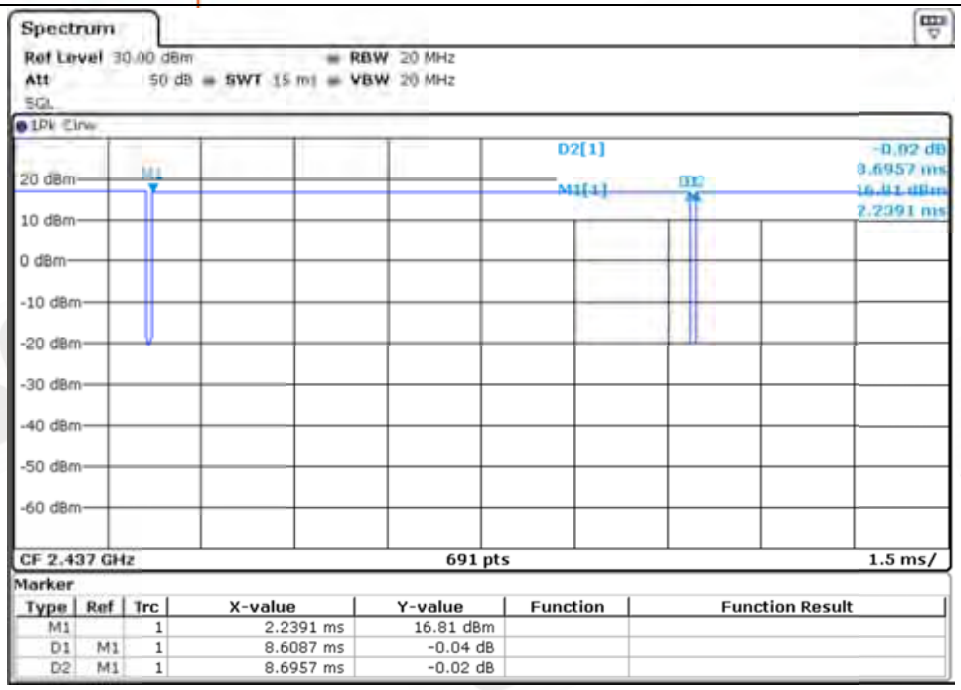
1) 2.4GHz Wi-Fi 802.11b:

Ant1 duty cycle=8.6087/8.7246=98.67%

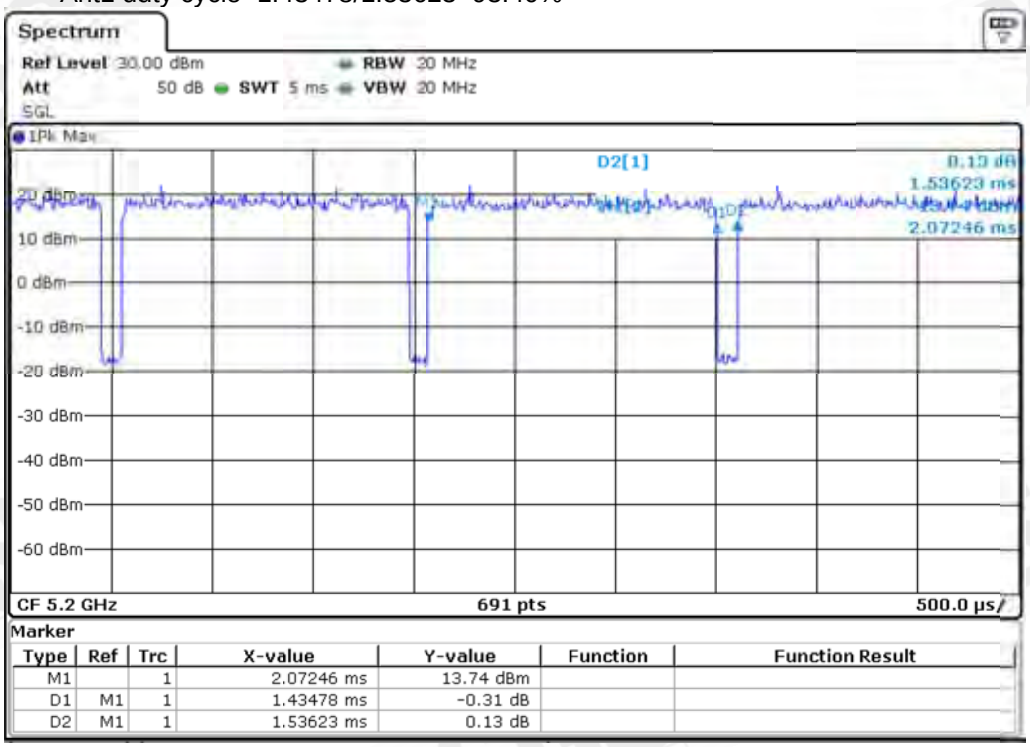


Ant2 duty cycle=8.6087/8.6957=99.00%

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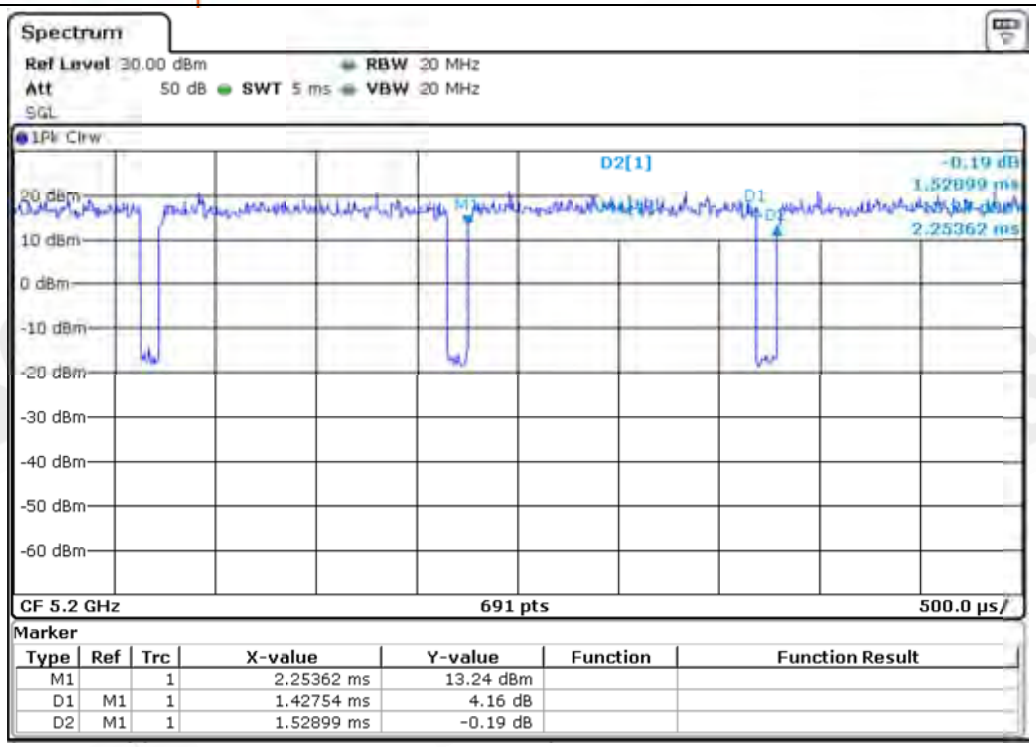


2) 5GHz Wi-Fi 802.11a:
Ant1 duty cycle=1.43478/1.53623=93.40%



Ant2 duty cycle=1.42754/1.52899=93.36%

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Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.25362 ms	13.24 dBm		
D1	M1	1	1.42754 ms	4.16 dB		
D2	M1	1	1.52899 ms	-0.19 dB		

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7.2.3.2 Initial Test Position SAR Test Reduction Procedure

DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures. The initial test position procedure is described in the following:

1）. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other (remaining) test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band. SAR is also not required for that exposure configuration in the subsequent test configuration(s).
2）. When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest extrapolated or estimated 1-g SAR conditions determined by area scans or next closest/smallest test separation distance and maximum RF coupling test positions based on manufacturer justification, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions (left, right, touch, tilt or subsequent surfaces and edges) are tested.
3）. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. a) Additional power measurements may be required for this step, which should be limited to those necessary for identifying the subsequent highest output power channels.

7.2.3.3 Initial Test Configuration Procedures

An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. For configurations with the same specified or measured maximum output power, additional transmission mode and test channel selection procedures are required. SAR test reduction for subsequent highest output test channels is determined according to *reported* SAR of the initial test configuration.
For next to the ear, hotspot mode and UMC mini-tablet exposure configurations where multiple test positions are required, the initial test position procedure is applied to minimize the number of test positions required for SAR measurement using the initial test configuration transmission mode. For fixed exposure conditions that do not have multiple SAR test positions, SAR is measured in the transmission mode determined by the initial test configuration.
When the *reported* SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for subsequent next highest measured output power channel(s) in the initial test configuration until *reported* SAR is ≤ 1.2 W/kg or all required channels are tested.

7.2.3.4 Subsequent Test Configuration Procedures

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. The initial test position procedure is applied to next to the ear, UMPC mini-tablet and hotspot mode configurations. When the same maximum output power is specified for multiple transmission modes, additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. The subsequent test configuration and SAR measurement procedures are described in the following.

1）. When SAR test exclusion provisions of KDB Publication 447498 are applicable and SAR measurement is not required for the initial test configuration, SAR is also not required for the next highest maximum output power transmission mode subsequent test configuration(s) in that frequency band or aggregated band and exposure configuration.
2）. When the highest *reported* SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is

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adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.

3）. The number of channels in the initial test configuration and subsequent test configuration can be different due to differences in channel bandwidth. When SAR measurement is required for a subsequent test configuration and the channel bandwidth is smaller than that in the initial test configuration, all channels in the subsequent test configuration that overlap with the larger bandwidth channel tested in the initial test configuration should be used to determine the highest maximum output power channel. This step requires additional power measurement to identify the highest maximum output power channel in the subsequent test configuration to determine SAR test reduction.

a) SAR should first be measured for the channel with highest measured output power in the subsequent test configuration.

b) SAR for subsequent highest measured maximum output power channels in the subsequent test configuration is required only when the *reported* SAR of the preceding higher maximum output power channel(s) in the subsequent test configuration is > 1.2 W/kg or until all required channels are tested. i) For channels with the same measured maximum output power, SAR should be measured using the channel closest to the center frequency of the larger channel bandwidth channel in the initial test configuration.

4）. SAR measurements for the remaining highest specified maximum output power OFDM transmission mode configurations that have not been tested in the initial test configuration (highest maximum output) or subsequent test configuration(s) (subsequent next highest maximum output power) is determined by recursively applying the subsequent test configuration procedures in this section to the remaining configurations according to the following:

a) replace “subsequent test configuration” with “next subsequent test configuration” (i.e., subsequent next highest specified maximum output power configuration)

b) replace “initial test configuration” with “all tested higher output power configurations”

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7.2.3.5 2.4 GHz WiFi SAR Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions. When SAR measurement is required for an OFDM configuration, the initial test configuration, subsequent test configuration and initial test position procedures are applied. The SAR test exclusion requirements for 802.11g/n OFDM configurations are described in following.

- **802.11b DSSS SAR Test Requirements**

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

1）. When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

2）. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

- **2.4 GHz 802.11g/n OFDM SAR Test Exclusion Requirements**

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3, including sub-sections). SAR is not required for the following 2.4 GHz OFDM conditions.

1）. When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.

2）. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

- **SAR Test Requirements for OFDM configurations**

When SAR measurement is required for 802.11 g/n OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.

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7.2.3.6 5 GHz WiFi SAR Procedures

- **U-NII-1 and U-NII-2A Bands**
  For devices that operate in only one of the U-NII-1 and U-NII-2A bands, the normally required SAR procedures for OFDM configurations are applied. For devices that operate in both U-NII bands using the same transmitter and antenna(s), SAR test reduction is determined according to the following：

1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, both bands are tested independently for SAR.
2) When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration; otherwise, both bands are tested independently for SAR.
3) The two U-NII bands may be aggregated to support a 160 MHz channel on channel number 50. Without additional testing, the maximum output power for this is limited to the lower of the maximum output power certified for the two bands. When SAR measurement is required for at least one of the bands and the highest reported SAR adjusted by the ratio of specified maximum output power of aggregated to standalone band is > 1.2 W/kg, SAR is required for the 160 MHz channel. This procedure does not apply to an aggregated band with maximum output higher than the standalone band(s); the aggregated band must be tested independently for SAR. SAR is not required when the 160 MHz channel is operating at a reduced maximum power and also qualifies for SAR test exclusion.

- **U-NII-2C and U-NII-3 Bands**
  The frequency range covered by these bands is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. when Terminal Doppler Weather Radar (TDWR) restriction applies, all channels that operate at 5.60 – 5.65 GHz must be included to apply the SAR test reduction and measurement procedures.

  When the same transmitter and antenna(s) are used for U-NII-2C band and U-NII-3 band or 5.8 GHz band of §15.247, the bands may be aggregated to enable additional channels with 20, 40 or 80 MHz bandwidth to span across the band gap, as illustrated in Appendix B. The maximum output power for the additional band gap channels is limited to the lower of those certified for the bands. Unless band gap channels are permanently disabled, they must be considered for SAR testing. The frequency range covered by these bands is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. To maintain SAR measurement accuracy and to facilitate test reduction, the channels in U-NII-2C band above 5.65 GHz may be grouped with the 5.8 GHz channels in U-NII-3 or §15.247 band to enable two SAR probe calibration frequency points to cover the bands, including the band gap channels. When band gap channels are supported and the bands are not aggregated for SAR testing, band gap channels must be considered independently in each band according to the normally required OFDM SAR measurement and probe calibration frequency points requirements.

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- **OFDM Transmission Mode SAR Test Configuration and Channel Selection Requirements**

The initial test configuration for 5 GHz OFDM transmission modes is determined by the 802.11 configuration with the highest maximum output power specified for production units, including tune-up tolerance, in each standalone and aggregated frequency band. SAR for the initial test configuration is measured using the highest maximum output power channel determined by the default power measurement procedures. When multiple configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined according to the following steps applied sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations with the same specified maximum output power.
2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
4) When multiple transmission modes (802.11a/g/n/ac) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n. After an initial test configuration is determined, if multiple test channels have the same measured maximum output power, the channel chosen for SAR measurement is determined according to the following. These channel selection procedures apply to both the initial test configuration and subsequent test configuration(s), with respect to the default power measurement procedures or additional power measurements required for further SAR test reduction. The same procedures also apply to subsequent highest output power channel(s) selection.
    a) The channel closest to mid-band frequency is selected for SAR measurement.
    b) For channels with equal separation from mid-band frequency; for example, high and low channels or two mid-band channels, the higher frequency (number) channel is selected for SAR measurement.

- **SAR Test Requirements for OFDM configurations**

When SAR measurement is required for 802.11 a/n/ac OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. When the same transmitter and antenna(s) are used for U-NII-1 and U-NII-2A bands, additional SAR test reduction applies. When band gap channels between U-NII-2C band and 5.8 GHz U-NII-3 or §15.247 band are supported, the highest maximum output power transmission mode configuration and maximum output power channel across the bands must be used to determine SAR test reduction, according to the initial test configuration and subsequent test configuration requirements. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.

7.2.3.7 WiFi CDD/MIMO SAR Considerations

Per KDB 248227D01v02r01, simultaneous transmission provisions in KDB Publication 447498 should be used to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1-g SAR single transmission SAR measurement is <1.6W/kg, no additional SAR measurements for MIMO are required. Alternatively, SAR for MIMO can be measured with all antennas transmitting simultaneously at the specified maximum output power of MIMO operation.

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7.2.4 LTE Test Configuration

LTE modes were tested according to FCC KDB 941225 D05 publication. Please see notes after the tabulated SAR data for required test configurations. Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. The R&S CMW500 was used for LTE output power measurements and SAR testing. Max power control was used so the UE transmits with maximum output power during SAR testing. SAR must be measured with the maximum TTI (transmit time interval) supported by the device in each LTE configuration.

TDD LTE test consideration

For Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.

LTE TDD Band support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

Frame structure type 2:



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Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	6592.Ts	2192.Ts	2560.Ts	7680.Ts	2192.Ts	2560.Ts
1	19760.Ts			20480.Ts		
2	21952.Ts			23040.Ts		
3	24144.Ts			25600.Ts		
4	26336.Ts			7680.Ts	4384.Ts	5120.Ts
5	6592.Ts	4384.Ts	5120.Ts	20480.Ts		
6	19760.Ts			23040.Ts		
7	21952.Ts			25600.Ts		
8	24144.Ts			-	-	-
9	13168.Ts			-	-	-

Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Calculated Duty Cycle=[Extended cyclic prefix in uplink x (Ts) x # of S + # of U]/10ms

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

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A) Spectrum Plots for RB Configurations
A properly configured base station simulator was used for SAR tests and power measurements. Therefore, spectrum plots for RB configurations were not required to be included in this report.

B) MPR
MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.

C) A-MPR
A-MPR (Additional MPR) has been disabled for all SAR tests by setting NS=01 on the base station simulator.

D) Largest channel bandwidth standalone SAR test requirements
1) QPSK with 1 RB allocation
Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation
The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation
For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

4) Higher order modulations
For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

E) Other channel bandwidth standalone SAR test requirements
For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is > ½ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

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8 Test Result

8.1 Measurement of RF conducted Power

8.1.1 Conducted Power of Antenna 1

8.1.1.1 Conducted Power Of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.85	33.01	33.25	33.5	-9.19	23.66	23.82	24.06	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.88	33.05	33.22	33.5	-9.19	23.69	23.86	24.03	24.31
	2 TX Slots	30.31	30.53	30.75	31.5	-6.18	24.13	24.35	24.57	**25.32**
	3 TX Slots	28.15	28.23	28.25	29.5	-4.42	23.73	23.81	23.83	25.08
	4 TX Slots	25.93	26.07	26.14	27.5	-3.17	22.76	22.9	22.97	24.33
EGPRS(8PSK)	1 TX Slot	26.28	26.37	26.36	27.5	-9.19	17.09	17.18	17.17	18.31
	2 TX Slots	23.87	23.98	24.01	25.5	-6.18	17.69	17.8	17.83	19.32
	3 TX Slots	21.95	22.03	22.09	23.5	-4.42	17.53	17.61	17.67	19.08
	4 TX Slots	19.88	19.98	20.08	21.5	-3.17	16.71	16.81	16.91	18.33

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GSM 1900 full power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.09	30.11	30.16	31	-9.19	20.9	20.92	20.97	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.01	30.05	30.09	31	-9.19	20.82	20.86	20.9	21.81
	2 TX Slots	27.67	27.76	27.68	29	-6.18	21.49	21.58	21.5	22.82
	3 TX Slots	25.54	25.58	25.58	27	-4.42	21.12	21.16	21.16	22.58
	4 TX Slots	23.45	23.49	23.44	25	-3.17	20.28	20.32	20.27	21.83
EGPRS(8PSK)	1 TX Slot	25.84	25.93	25.81	27	-9.19	16.65	16.74	16.62	17.81
	2 TX Slots	23.31	23.25	23.51	25	-6.18	17.13	17.07	17.33	18.82
	3 TX Slots	21.28	21.29	21.25	22	-4.42	16.86	16.87	16.83	17.58
	4 TX Slots	19.11	19.14	19.12	20	-3.17	15.94	15.97	15.95	16.83
GSM 1900 hotspot actived reduced power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.63	26.59	26.67	27.5	-9.19	17.44	17.4	17.48	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.72	26.63	26.71	27.5	-9.19	17.53	17.44	17.52	18.31
	2 TX Slots	24.63	24.58	24.53	25.5	-6.18	18.45	18.4	18.35	19.32
	3 TX Slots	22.54	22.45	22.54	23.5	-4.42	18.12	18.03	18.12	19.08
	4 TX Slots	20.38	20.41	20.34	21.5	-3.17	17.21	17.24	17.17	18.33
EGPRS(8PSK)	1 TX Slot	25.87	25.86	25.89	26	-9.19	16.68	16.67	16.7	16.81
	2 TX Slots	23.47	23.44	23.38	24	-6.18	17.29	17.26	17.2	17.82
	3 TX Slots	20.89	20.83	20.87	21	-4.42	16.47	16.41	16.45	16.58
	4 TX Slots	18.98	18.86	18.97	19	-3.17	15.81	15.69	15.8	15.83

Table 11： Conducted Power Of GSM

Note:

1）. CMU200 measures GSM peak and average output power for active timeslots. For SAR the time based average power is relevant. The difference in between depends on the duty cycle of the TDMA signal:

No. of timeslots	1	2	3	4
Duty Cycle	1:8.3	1:4.15	1:2.77	1:2.075
Time based avg. power compared to slotted avg. power	-9.19	-6.18	-4.42	-3.17

2）. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:
Frame-averaged power = 10 x log (Burst-averaged power mW x Slot used / 8

3）. When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used

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8.1.1.2 Conducted Power Of WCDMA

WCDMA Band II full power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.32	23.39	23.24	24
	12.2kbps AMR	23.31	23.35	23.24	24
HSDPA	Subtest 1	22.85	22.71	22.48	24
	Subtest 2	22.92	22.89	22.67	24
	Subtest 3	21.5	21.6	21.39	23
	Subtest 4	21.51	21.58	21.44	23
HSUPA	Subtest 1	20.92	20.76	20.51	22
	Subtest 2	18.03	18.12	18.23	20
	Subtest 3	19.51	19.43	18.53	21
	Subtest 4	18.5	18.65	18.61	20
	Subtest 5	20.6	20.6	20.5	22
DC-HSDPA	Subtest 1	22.54	22.62	22.36	24
	Subtest 2	22.81	22.77	22.47	24
	Subtest 3	21.45	21.61	21.42	23
	Subtest 4	21.5	21.56	21.37	23
WCDMA Band II hotspot actived reduced power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.3	19.69	19.31	20
	12.2kbps AMR	19.25	19.6	19.27	20
HSDPA	Subtest 1	19.09	19.05	19.01	20
	Subtest 2	19.02	19.04	19.93	20
	Subtest 3	18.56	18.55	18.48	19
	Subtest 4	18.54	18.53	18.51	19
HSUPA	Subtest 1	17.42	17.33	17.28	18
	Subtest 2	15.01	15.11	15.32	16
	Subtest 3	15.98	15.88	15.79	17
	Subtest 4	15.28	15.08	15.25	16
	Subtest 5	16.73	16.58	16.81	18
DC-HSDPA	Subtest 1	18.89	18.95	18.75	20
	Subtest 2	18.92	18.84	18.83	20
	Subtest 3	18.53	18.65	18.78	19
	Subtest 4	18.34	18.58	18.55	19

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WCDMA Band II sensor on reduced power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.3	20.6	20.28	21
	12.2kbps AMR	20.28	20.57	20.21	21
HSDPA	Subtest 1	19.11	19.11	19.02	21
	Subtest 2	19.05	19.03	19	21
	Subtest 3	18.53	18.61	18.49	20
	Subtest 4	18.57	18.59	18.5	20
HSUPA	Subtest 1	18.78	18.64	18.69	19
	Subtest 2	16.83	16.38	16.05	17
	Subtest 3	17.59	17.53	17.62	18
	Subtest 4	16.64	16.63	16.59	17
	Subtest 5	17.7	17.62	17.6	19
DC-HSDPA	Subtest 1	19.2	19.07	18.92	21
	Subtest 2	19.05	18.89	18.91	21
	Subtest 3	18.51	18.39	18.41	20
	Subtest 4	18.72	18.67	18.47	20

WCDMA Band IV full power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.14	23.19	23.11	24
	12.2kbps AMR	23.12	23.24	23.11	24
HSDPA	Subtest 1	22.21	22.34	22.35	24
	Subtest 2	22.14	22.15	22.14	24
	Subtest 3	21.54	21.72	21.68	23
	Subtest 4	21.22	21.41	21.69	23
HSUPA	Subtest 1	20.78	20.67	20.71	22
	Subtest 2	18.82	18.45	18.42	20
	Subtest 3	19.57	19.32	19.16	21
	Subtest 4	18.25	18.36	18.33	20
	Subtest 5	20.5	20.6	20.6	21
DC-HSDPA	Subtest 1	22.05	22.18	22.17	24
	Subtest 2	22.06	22.04	22.05	24
	Subtest 3	21.39	21.55	21.5	23
	Subtest 4	21.37	21.47	21.5	23

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WCDMA Band IV hotspot actived reduced power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.76	18.92	18.68	19.5
	12.2kbps AMR	18.75	18.89	18.65	19.5
HSDPA	Subtest 1	17.85	17.76	17.92	19.5
	Subtest 2	17.93	17.89	17.93	19.5
	Subtest 3	17.02	17.07	17.04	18.5
	Subtest 4	16.96	17.08	17.13	18.5
HSUPA	Subtest 1	17.23	17.17	17.32	17.5
	Subtest 2	15.04	15.12	15.22	15.5
	Subtest 3	15.78	15.82	15.75	16.5
	Subtest 4	15.08	15.01	15.13	15.5
	Subtest 5	16.38	16.25	16.17	17.5
DC-HSDPA	Subtest 1	17.55	17.48	17.87	19.5
	Subtest 2	17.66	17.59	17.51	19.5
	Subtest 3	16.92	16.97	16.92	18.5
	Subtest 4	16.86	16.88	16.93	18.5
WCDMA Band IV sensor on reduced power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.15	20.51	20.19	21
	12.2kbps AMR	20.12	20.47	20.18	21
HSDPA	Subtest 1	19.09	19.12	19.08	21
	Subtest 2	19.11	19.04	19.01	21
	Subtest 3	18.81	18.96	18.78	20
	Subtest 4	18.72	18.69	18.87	20
HSUPA	Subtest 1	18.76	18.61	18.27	19
	Subtest 2	16.76	16.51	16.42	17
	Subtest 3	16.58	16.06	16.14	18
	Subtest 4	16.24	16.06	16.28	17
	Subtest 5	18.6	18.6	18.6	19
DC-HSDPA	Subtest 1	18.99	18.88	18.94	21
	Subtest 2	18.91	18.97	19.81	21
	Subtest 3	18.41	18.5	18.55	20
	Subtest 4	18.41	18.46	18.49	20

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WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.88	23.65	23.98	24.5
	12.2kbps AMR	23.81	23.64	23.92	24.5
HSDPA	Subtest 1	23.17	23.12	23.01	23.5
	Subtest 2	23.36	23.18	23.36	23.5
	Subtest 3	22.99	22.95	22.92	23
	Subtest 4	22.94	22.92	22.86	23
HSUPA	Subtest 1	21.96	21.88	21.87	22
	Subtest 2	19.45	19.46	19.3	20
	Subtest 3	20.99	20.97	20.96	21
	Subtest 4	19.78	19.88	19.89	20
	Subtest 5	21.6	21.6	21.5	22.5
DC-HSDPA	Subtest 1	23.03	23.09	22.97	23.5
	Subtest 2	23.02	23.07	23.12	23.5
	Subtest 3	22.73	22.8	22.79	23
	Subtest 4	22.88	22.92	22.73	23

Table 12： Conducted Power Of WCDMA

Note:

1) when the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.

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8.1.1.3 Conducted Power Of LTE

LTE Band 2 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.81	22.84	23.25	24
		1	2	22.90	22.89	23.42	24
		1	5	22.88	23.00	23.37	24
		3	0	22.89	22.84	23.35	24
		3	2	22.89	22.89	23.39	24
		3	3	22.91	22.91	23.42	24
		6	0	21.58	21.80	22.34	23
	16QAM	1	0	21.71	21.93	22.46	23
		1	2	21.80	22.04	22.43	23
		1	5	21.77	22.02	22.42	23
		3	0	21.56	21.95	22.39	23
		3	2	21.72	21.92	22.44	23
		3	3	21.61	22.03	22.51	23
		6	0	20.87	20.83	21.27	22
	64QAM	1	0	21.05	21.19	21.1	22.5
		1	2	20.66	20.59	20.69	22.5
		1	5	21.02	21.12	21.01	22.5
		3	0	20.8	20.85	20.63	21.5
		3	2	20.67	20.73	20.57	21.5
		3	3	20.74	20.84	20.72	21.5
		6	0	19.86	19.86	19.74	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	22.83	23.00	22.84	24
		1	7	23.37	23.14	23.46	24
		1	14	23.25	23.02	23.44	24
		8	0	21.86	21.99	21.85	23
		8	4	21.90	22.01	22.26	23
		8	7	22.00	21.92	22.58	23
		15	0	21.84	21.87	22.06	23
	16QAM	1	0	21.89	21.99	21.85	23
		1	7	22.14	22.17	22.39	23
		1	14	22.00	21.97	22.49	23
		8	0	21.01	21.00	21.36	22
		8	4	21.05	21.12	21.53	22
		8	7	21.05	21.11	21.67	22
		15	0	20.92	20.92	21.41	22
	64QAM	1	0	21.02	21.06	21	22.5
		1	7	20.58	20.75	20.64	22.5
		1	14	20.96	21.13	20.86	22.5
		8	0	19.78	19.76	19.8	21.5
		8	4	19.78	19.76	19.69	21.5

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		8	7	19.78	19.82	19.75	21.5
		15	0	19.78	19.81	19.73	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.07	23.05	22.83	24
		1	13	23.34	23.21	23.05	24
		1	24	23.11	23.10	23.58	24
		12	0	21.99	22.11	21.70	23
		12	6	22.07	22.05	21.81	23
		12	13	21.98	22.01	22.22	23
		25	0	22.02	21.96	21.97	23
	16QAM	1	0	22.10	22.10	21.66	23
		1	13	22.28	22.22	21.90	23
		1	24	22.05	22.06	22.49	23
		12	0	21.17	21.44	20.99	22
		12	6	21.25	21.18	21.10	22
		12	13	21.23	21.13	21.48	22
		25	0	21.15	20.98	21.20	22
	64QAM	1	0	21.05	20.99	20.99	22.5
		1	13	20.99	21.12	20.95	22.5
		1	24	21.03	21.07	20.97	22.5
		12	0	19.84	19.88	19.82	21.5
		12	6	19.78	19.83	19.72	21.5
		12	13	19.86	19.91	19.82	21.5
		25	0	19.78	19.82	19.75	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.26	23.28	22.48	24
		1	25	23.07	23.14	22.62	24
		1	49	22.75	23.14	23.38	24
		25	0	22.08	21.98	21.71	23
		25	13	22.02	21.94	21.52	23
		25	25	21.83	21.89	21.74	23
		50	0	22.01	21.99	21.63	23
	16QAM	1	0	22.05	22.00	21.41	23
		1	25	22.10	21.98	21.58	23
		1	49	21.60	21.85	22.14	23
		25	0	21.23	21.19	21.07	22
		25	13	21.24	20.94	20.82	22
		25	25	20.95	20.82	21.10	22
		50	0	21.14	20.98	20.92	22
	64QAM	1	0	21.05	21.14	21.12	22.5
		1	25	21.06	21.03	20.85	22.5
		1	49	21.11	21.14	20.98	22.5
		25	0	19.8	19.8	19.8	21.5
		25	13	19.81	19.81	19.76	21.5
		25	25	19.8	19.84	19.76	21.5
		50	0	19.78	19.76	19.73	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.38	23.25	22.82	24
		1	38	23.45	23.12	22.64	24
		1	74	22.56	23.56	23.45	24
		36	0	22.19	21.87	21.59	23
		36	18	22.06	22.04	21.60	23
		36	39	21.62	22.45	21.58	23
		75	0	22.00	22.20	22.08	23
	16QAM	1	0	22.18	22.11	21.67	23
		1	38	22.21	22.19	21.66	23
		1	74	21.41	22.18	22.22	23
		36	0	21.35	21.21	20.73	22
		36	18	21.23	21.06	20.70	22
		36	39	20.82	21.36	20.93	22
		75	0	21.13	21.23	21.09	22
	64QAM	1	0	21.14	21.07	21.06	22.5
		1	38	21.09	21.11	21	22.5
		1	74	21.08	21.05	20.94	22.5
		36	0	19.85	19.86	19.82	21.5
		36	18	19.84	19.88	19.81	21.5
		36	39	19.85	19.82	19.79	21.5
		75	0	19.78	19.76	19.79	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.44	23.20	23.76	24
		1	50	22.88	23.07	22.45	24
		1	99	22.94	23.99	23.74	24
		50	0	22.35	21.97	22.05	23
		50	25	21.85	22.19	21.73	23
		50	50	21.82	22.18	21.66	23
		100	0	22.17	22.15	21.96	23
	16QAM	1	0	22.37	22.05	22.96	23
		1	50	21.92	22.14	21.90	23
		1	99	22.26	22.61	22.86	23
		50	0	21.44	21.34	21.22	22
		50	25	21.04	21.19	20.75	22
		50	50	20.95	21.09	20.65	22
		100	0	21.25	21.24	21.03	22
	64QAM	1	0	21.25	21.19	21.12	22.5
		1	50	20.92	20.95	20.73	22.5
		1	99	21.22	21.08	21.04	22.5
		50	0	19.81	19.87	19.87	21.5
		50	25	19.81	19.79	19.79	21.5
		50	50	19.79	19.79	19.73	21.5
		100	0	19.82	19.80	19.81	21.5

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LTE Band 2 hotspot actived reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.34	18.39	18.46	19
		1	2	18.04	18.09	18.17	19
		1	5	18.35	18.38	18.43	19
		3	0	18.27	18.32	18.38	19
		3	2	18.04	17.99	18.13	19
		3	3	18.21	18.3	18.38	19
		6	0	18.24	18.33	18.38	19
	16QAM	1	0	18.56	18.61	18.72	19
		1	2	18.43	18.48	18.49	19
		1	5	18.56	18.65	18.74	19
		3	0	18.26	18.24	18.32	19
		3	2	18.21	18.38	18.34	19
		3	3	18.32	18.38	18.38	19
		6	0	18.27	18.29	18.3	19
	64QAM	1	0	17.71	17.87	17.71	19
		1	2	17.57	17.44	17.47	19
		1	5	17.83	17.73	17.67	19
		3	0	17.52	17.52	17.51	19
		3	2	17.45	17.55	17.49	19
		3	3	17.47	17.53	17.48	19
		6	0	17.48	17.45	17.53	19
Bandwidth	Modulation	RB size	RB offset	Channel 18615CH	Channel 18900CH	Channel 19185CH	Tune up
3MHz	QPSK	1	0	18.33	18.3	18.42	19
		1	7	17.87	18.05	18.02	19
		1	14	18.3	18.36	18.37	19
		8	0	18.27	18.27	18.29	19
		8	4	18.24	18.29	18.37	19
		8	7	18.31	18.35	18.41	19
		15	0	18.31	18.34	18.44	19
	16QAM	1	0	18.46	18.65	18.58	19
		1	7	18.26	18.42	18.46	19
		1	14	18.62	18.67	18.64	19
		8	0	18.22	18.29	18.4	19
		8	4	18.24	18.25	18.35	19
		8	7	18.26	18.31	18.36	19
		15	0	18.27	18.29	18.35	19
	64QAM	1	0	17.91	18.04	17.87	19
		1	7	17.74	17.58	17.64	19
		1	14	18.01	17.93	17.84	19
		8	0	17.67	17.69	17.62	19
		8	4	17.64	17.68	17.66	19
		8	7	17.65	17.71	17.65	19
		15	0	17.65	17.66	17.65	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18625CH	Channel 18900CH	Channel 19175CH	Tune up
5MHz	QPSK	1	0	18.3	18.34	18.43	19
		1	13	18.34	18.35	18.43	19
		1	24	18.35	18.35	18.36	19
		12	0	18.33	18.38	18.49	19
		12	6	18.35	18.35	18.43	19
		12	13	18.41	18.4	18.47	19
		25	0	18.32	18.37	18.42	19
	16QAM	1	0	18.59	18.6	18.7	19
		1	13	18.6	18.59	18.75	19
		1	24	18.59	18.58	18.66	19
		12	0	18.34	18.37	18.47	19
		12	6	18.34	18.32	18.41	19
		12	13	18.38	18.36	18.46	19
		25	0	18.28	18.26	18.37	19
	64QAM	1	0	17.89	18.04	17.87	19
		1	13	17.75	17.55	17.63	19
		1	24	17.97	17.89	17.85	19
		12	0	17.65	17.65	17.66	19
		12	6	17.63	17.67	17.63	19
		12	13	17.62	17.67	17.61	19
		25	0	17.61	17.65	17.65	19

Bandwidth	Modulation	RB size	RB offset	Channel 18650CH	Channel 18900CH	Channel 19150CH	Tune up
10MHz	QPSK	1	0	18.33	18.32	18.42	19
		1	25	17.72	18.25	18.11	19
		1	49	17.83	18.31	18.37	19
		25	0	18.12	18.33	18.43	19
		25	13	18.34	18.32	18.43	19
		25	25	18.37	18.34	18.44	19
		50	0	18.35	18.31	18.45	19
	16QAM	1	0	18.71	18.65	18.63	19
		1	25	18.41	18.54	18.47	19
		1	49	18.56	18.59	18.6	19
		25	0	18.32	18.29	18.42	19
		25	13	18.31	18.28	18.39	19
		25	25	18.09	18.32	18.36	19
		50	0	18.26	18.23	18.35	19
	64QAM	1	0	17.66	17.83	17.65	19
		1	25	17.53	17.42	17.42	19
		1	49	17.76	17.65	17.63	19
		25	0	17.43	17.45	17.45	19
		25	13	17.42	17.47	17.42	19
		25	25	17.41	17.46	17.45	19
		50	0	17.45	17.43	17.47	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18675CH	Channel 18900CH	Channel 19125CH	Tune up
15MHz	QPSK	1	0	18.33	18.36	18.42	19
		1	38	18.40	18.42	18.47	19
		1	74	18.25	18.31	18.40	19
		36	0	18.41	18.44	18.48	19
		36	18	18.40	18.43	18.47	19
		36	39	18.38	18.41	18.49	19
		75	0	18.35	18.38	18.49	19
	16QAM	1	0	18.57	18.46	18.45	19
		1	38	18.62	18.63	18.61	19
		1	74	18.45	18.39	18.54	19
		36	0	18.34	18.29	18.37	19
		36	18	18.34	18.3	18.38	19
		36	39	18.28	18.33	18.41	19
		75	0	18.25	18.25	18.34	19
	64QAM	1	0	17.69	17.83	17.69	19
		1	38	17.55	17.39	17.46	19
		1	74	17.75	17.69	17.63	19
		36	0	17.44	17.45	17.47	19
		36	18	17.45	17.56	17.45	19
		36	39	17.43	17.53	17.48	19
		75	0	17.42	17.47	17.46	19
Bandwidth	Modulation	RB size	RB offset	Channel 18700CH	Channel 18900CH	Channel 19100CH	Tune up
20MHz	QPSK	1	0	18.06	18.37	18.44	19
		1	50	17.87	18.02	17.88	19
		1	99	18.12	18.24	18.28	19
		50	0	18.04	18.00	18.08	19
		50	25	18.04	18.04	18.19	19
		50	50	18.04	18.09	18.22	19
		100	0	18.03	18.02	18.15	19
	16QAM	1	0	18.02	18.10	18.26	19
		1	50	17.76	17.68	18.29	19
		1	99	18.06	18.15	18.45	19
		50	0	17.94	17.92	18.03	19
		50	25	17.93	17.96	18.04	19
		50	50	17.94	18.06	18.16	19
		100	0	17.96	17.95	18.07	19
	64QAM	1	0	17.79	17.93	17.79	19
		1	50	17.63	17.47	17.53	19
		1	99	17.89	17.79	17.73	19
		50	0	17.56	17.58	17.56	19
		50	25	17.53	17.57	17.55	19
		50	50	17.53	17.59	17.54	19
		100	0	17.54	17.55	17.56	19

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LTE Band 2 sensor on reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.48	19.99	20.74	21.5
		1	2	20.53	20.06	20.98	21.5
		1	5	20.48	20.22	20.99	21.5
		3	0	20.53	20.13	20.92	21.5
		3	2	20.53	20.15	21.09	21.5
		3	3	20.53	20.19	21.12	21.5
		6	0	20.51	20.14	21.06	21.5
	16QAM	1	0	20.61	20.24	21.11	21.5
		1	2	20.71	20.41	21.27	21.5
		1	5	20.74	20.51	21.3	21.5
		3	0	20.57	20.12	21.07	21.5
		3	2	20.54	20.23	21.13	21.5
		3	3	20.52	20.19	21.12	21.5
		6	0	20.49	20.15	21.04	21.5
	64QAM	1	0	20.51	20.99	21.13	21.5
		1	2	20.37	20.74	20.72	21.5
		1	5	20.58	20.97	21.01	21.5
		3	0	19.79	19.83	19.84	21.5
		3	2	19.74	19.75	19.74	21.5
		3	3	19.75	19.83	19.76	21.5
		6	0	19.79	19.76	19.73	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.49	20.39	20.18	21.5
		1	7	20.76	20.33	21.03	21.5
		1	14	20.58	20.12	21.1	21.5
		8	0	20.69	20.24	20.7	21.5
		8	4	20.83	20.36	21.06	21.5
		8	7	20.79	20.4	21.15	21.5
		15	0	20.78	20.24	20.95	21.5
	16QAM	1	0	20.77	20.7	20.45	21.5
		1	7	20.99	20.65	21.32	21.5
		1	14	20.82	20.54	21.37	21.5
		8	0	20.78	20.23	20.71	21.5
		8	4	20.8	20.34	21.02	21.5
		8	7	20.76	20.38	21.13	21.5
		15	0	20.72	20.2	20.89	21.5
	64QAM	1	0	20.6	21.09	21.23	21.5
		1	7	20.47	20.84	20.85	21.5
		1	14	20.68	21.07	21.13	21.5
		8	0	19.89	19.93	19.91	21.5
		8	4	19.84	19.83	19.84	21.5
		8	7	19.85	19.91	19.86	21.5
		15	0	19.82	19.85	19.83	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.66	20.44	20.1	21.5
		1	13	20.82	20.37	20.51	21.5
		1	24	20.36	20.2	21.13	21.5
		12	0	20.79	20.63	20.37	21.5
		12	6	20.91	20.37	20.56	21.5
		12	13	20.71	20.38	20.99	21.5
		25	0	20.84	20.3	20.66	21.5
	16QAM	1	0	20.93	20.69	20.44	21.5
		1	13	21.04	20.63	20.77	21.5
		1	24	20.65	20.59	21.38	21.5
		12	0	20.78	20.64	20.29	21.5
		12	6	20.87	20.34	20.55	21.5
		12	13	20.67	20.38	20.99	21.5
		25	0	20.77	20.26	20.62	21.5
	64QAM	1	0	20.62	21.11	21.25	21.5
		1	13	20.49	20.86	20.82	21.5
		1	24	20.74	21.07	21.13	21.5
		12	0	19.91	19.95	19.91	21.5
		12	6	19.86	19.85	19.86	21.5
		12	13	19.89	19.95	19.84	21.5
		25	0	19.91	19.82	19.83	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.61	20.59	19.55	21.5
		1	25	20.41	20.36	20.13	21.5
		1	49	19.37	20.12	20.87	21.5
		25	0	20.73	20.42	20.23	21.5
		25	13	20.45	20.34	20.07	21.5
		25	25	20.19	20.21	20.47	21.5
		50	0	20.68	20.4	20.33	21.5
	16QAM	1	0	20.96	20.9	19.88	21.5
		1	25	20.75	20.65	20.44	21.5
		1	49	19.68	20.44	21.16	21.5
		25	0	20.66	20.48	20.19	21.5
		25	13	20.5	20.29	20.02	21.5
		25	25	20.12	20.16	20.41	21.5
		50	0	20.61	20.34	20.26	21.5
	64QAM	1	0	20.4	20.89	21.03	21.5
		1	25	20.27	20.64	20.6	21.5
		1	49	20.48	20.87	20.91	21.5
		25	0	19.69	19.73	19.71	21.5
		25	13	19.65	19.67	19.64	21.5
		25	25	19.67	19.75	19.67	21.5
		50	0	19.69	19.63	19.65	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.75	20.62	19.8	21.5
		1	38	20.29	20.38	19.95	21.5
		1	74	19.46	20.31	20.98	21.5
		36	0	20.75	20.33	19.77	21.5
		36	18	20.28	20.34	19.93	21.5
		36	39	19.72	20.66	20.21	21.5
		75	0	20.42	20.58	20.38	21.5
	16QAM	1	0	21.01	20.84	20.16	21.5
		1	38	20.64	20.67	20.33	21.5
		1	74	19.74	20.62	21.28	21.5
		36	0	20.8	20.38	19.71	21.5
		36	18	20.27	20.28	19.87	21.5
		36	39	19.66	20.6	20.21	21.5
		75	0	20.33	20.51	20.31	21.5
	64QAM	1	0	20.45	20.94	21.05	21.5
		1	38	20.35	20.69	20.65	21.5
		1	74	20.53	20.92	20.96	21.5
		36	0	19.74	19.75	19.76	21.5
		36	18	19.69	19.68	19.69	21.5
		36	39	19.73	19.75	19.72	21.5
		75	0	19.74	19.73	19.68	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	21.12	20.85	20.9	21.5
		1	50	20.21	21.25	20.34	21.5
		1	99	20.38	20.53	21.2	21.5
		50	0	20.84	20.53	20.32	21.5
		50	25	20.17	20.44	19.81	21.5
		50	50	20.05	20.34	19.99	21.5
		100	0	20.57	20.52	20.29	21.5
	16QAM	1	0	21.09	21.19	21.21	21.5
		1	50	20.44	21.52	20.64	21.5
		1	99	20.63	20.84	21.48	21.5
		50	0	20.73	20.4	20.29	21.5
		50	25	20.08	20.42	19.77	21.5
		50	50	19.96	20.32	19.96	21.5
		100	0	20.44	20.49	20.16	21.5
	64QAM	1	0	20.55	21.04	21.18	21.5
		1	50	20.42	20.79	20.75	21.5
		1	99	20.63	21.02	21.06	21.5
		50	0	19.84	19.88	19.86	21.5
		50	25	19.79	19.78	19.79	21.5
		50	50	19.82	19.85	19.81	21.5
		100	0	19.84	19.81	19.78	21.5

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LTE Band 4 hotspot disabled full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.18	23.68	23.16	24
		1	2	23.24	23.65	23.26	24
		1	5	23.09	23.54	23.24	24
		3	0	23.18	23.56	23.20	24
		3	2	23.29	23.51	23.27	24
		3	3	23.22	23.48	23.24	24
		6	0	22.24	22.72	22.10	23
	16QAM	1	0	22.27	22.66	22.12	23
		1	2	22.41	22.70	22.53	23
		1	5	22.17	22.60	22.27	23
		3	0	22.26	22.71	22.04	23
		3	2	22.42	22.50	22.18	23
		3	3	22.26	22.92	22.14	23
		6	0	21.40	21.69	21.03	22
	64QAM	1	0	20.59	20.69	20.61	22.5
		1	2	20.56	20.55	20.57	22.5
		1	5	20.6	20.68	20.56	22.5
		3	0	20.36	20.35	20.27	21.5
		3	2	20.45	20.14	20.19	21.5
		3	3	20.26	20.37	20.32	21.5
		6	0	19.69	19.62	19.61	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.06	23.48	23.05	24
		1	7	22.97	23.48	23.10	24
		1	14	22.96	23.34	23.11	24
		8	0	22.39	22.54	22.15	23
		8	4	22.07	22.66	21.92	23
		8	7	22.44	22.51	21.98	23
		15	0	22.02	22.59	21.93	23
	16QAM	1	0	22.31	22.55	22.13	23
		1	7	22.23	22.92	22.19	23
		1	14	22.36	22.53	22.20	23
		8	0	21.43	21.62	20.93	22
		8	4	21.23	21.70	21.05	22
		8	7	21.33	21.53	20.98	22
		15	0	21.11	21.56	21.00	22
	64QAM	1	0	20.84	20.93	20.81	22.5
		1	7	20.75	20.74	20.99	22.5
		1	14	20.81	20.79	20.78	22.5
		8	0	19.73	19.69	19.68	21.5
		8	4	19.67	19.69	19.63	21.5
		8	7	19.65	19.63	19.66	21.5
		15	0	19.62	19.63	19.72	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.26	23.94	23.60	24
		1	13	23.25	23.77	22.98	24
		1	24	23.09	23.51	23.14	24
		12	0	22.09	22.73	22.35	23
		12	6	22.22	22.68	21.91	23
		12	13	22.36	22.50	21.87	23
		25	0	22.34	22.60	21.91	23
	16QAM	1	0	22.18	22.90	22.57	23
		1	13	22.33	22.93	22.07	23
		1	24	22.17	22.71	22.20	23
		12	0	21.27	21.64	21.39	22
		12	6	21.32	21.64	20.99	22
		12	13	21.40	21.46	20.93	22
		25	0	21.38	21.50	20.94	22
	64QAM	1	0	20.87	20.9	20.74	22.5
		1	13	20.82	20.91	20.86	22.5
		1	24	20.84	20.81	20.82	22.5
		12	0	19.7	19.7	19.64	21.5
		12	6	19.64	19.67	19.6	21.5
		12	13	19.68	19.7	19.65	21.5
		25	0	19.63	19.63	19.68	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	22.32	22.86	22.85	24
		1	25	23.14	23.72	23.43	24
		1	49	22.87	23.53	22.83	24
		25	0	22.31	22.66	22.39	23
		25	13	22.18	22.57	22.19	23
		25	25	22.07	22.31	21.97	23
		50	0	22.10	22.48	22.16	23
	16QAM	1	0	21.33	21.78	21.79	23
		1	25	22.27	22.90	22.53	23
		1	49	21.99	22.59	21.87	23
		25	0	21.35	21.57	21.42	22
		25	13	21.22	21.50	21.23	22
		25	25	21.03	21.23	21.02	22
		50	0	21.05	21.36	21.18	22
	64QAM	1	0	20.6	20.65	20.65	22.5
		1	25	20.68	20.61	20.67	22.5
		1	49	20.73	20.68	20.6	22.5
		25	0	19.65	19.67	19.61	21.5
		25	13	19.65	19.64	19.57	21.5
		25	25	19.68	19.63	19.59	21.5
		50	0	19.63	19.61	19.67	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.42	23.00	23.11	24
		1	38	23.20	23.80	23.40	24
		1	74	23.34	23.53	23.10	24
		36	0	22.22	22.66	22.73	23
		36	18	22.22	22.62	22.69	23
		36	39	22.23	22.60	22.11	23
		75	0	22.21	22.55	22.37	23
	16QAM	1	0	21.54	22.04	22.20	23
		1	38	22.31	22.92	22.53	23
		1	74	22.43	22.70	22.08	23
		36	0	21.23	21.66	21.77	22
		36	18	21.16	21.62	21.51	22
		36	39	21.18	21.51	21.07	22
		75	0	21.17	21.47	21.39	22
	64QAM	1	0	20.61	20.63	20.68	22.5
		1	38	20.62	20.69	20.64	22.5
		1	74	20.64	20.67	20.65	22.5
		36	0	19.6	19.63	19.61	21.5
		36	18	19.65	19.68	19.69	21.5
		36	39	19.73	19.75	19.76	21.5
		75	0	19.63	19.64	19.63	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.71	23.18	23.37	24
		1	50	23.36	23.70	23.67	24
		1	99	23.37	23.42	22.63	24
		50	0	22.24	22.63	22.88	23
		50	25	22.33	22.54	22.68	23
		50	50	22.41	22.72	22.26	23
		100	0	22.31	22.62	22.77	23
	16QAM	1	0	21.85	21.95	22.45	23
		1	50	22.57	22.48	22.92	23
		1	99	22.40	22.10	21.90	23
		50	0	21.32	21.54	21.84	22
		50	25	21.28	21.49	21.60	22
		50	50	21.41	21.68	21.31	22
		100	0	21.32	21.57	21.64	22
	64QAM	1	0	20.73	20.73	20.73	22.5
		1	50	20.7	20.65	20.69	22.5
		1	99	20.74	20.74	20.68	22.5
		50	0	19.65	19.68	19.64	21.5
		50	25	19.74	19.72	19.77	21.5
		50	50	19.77	19.73	19.74	21.5
		100	0	19.73	19.76	19.71	21.5

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LTE Band 4 hotspot actived reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.26	18.33	18.32	19.5
		1	2	17.71	18.06	18.03	19.5
		1	5	18.05	18.34	18.33	19.5
		3	0	17.98	18.28	18.24	19.5
		3	2	17.84	18.16	18.05	19.5
		3	3	17.72	18.31	18.33	19.5
		6	0	17.77	18.29	18.29	19.5
	16QAM	1	0	18.32	18.6	18.58	19.5
		1	2	18.2	18.36	18.5	19.5
		1	5	18.3	18.67	18.58	19.5
		3	0	17.98	18.31	18.31	19.5
		3	2	18.08	18.16	18.04	19.5
		3	3	18.02	18.28	18.3	19.5
		6	0	17.9	18.31	18.24	19.5
	64QAM	1	0	18.14	17.95	18.02	19.5
		1	2	18.08	17.97	17.93	19.5
		1	5	18.11	18.12	17.95	19.5
		3	0	17.73	17.85	17.87	19.5
		3	2	17.75	17.81	17.76	19.5
		3	3	17.74	17.81	17.78	19.5
		6	0	17.75	17.83	17.74	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.78	18.32	18.32	19.5
		1	7	17.97	18.1	17.94	19.5
		1	14	16.38	18.31	18.31	19.5
		8	0	17.96	18.27	18.27	19.5
		8	4	17.95	18.29	18.25	19.5
		8	7	18.19	18.29	18.28	19.5
		15	0	18.2	18.3	18.27	19.5
	16QAM	1	0	18.25	18.6	18.52	19.5
		1	7	17.56	18.32	18.12	19.5
		1	14	18.28	18.59	18.53	19.5
		8	0	17.93	18.31	18.27	19.5
		8	4	18.18	18.3	18.28	19.5
		8	7	18.15	18.23	18.23	19.5
		15	0	17.95	18.26	18.23	19.5
	64QAM	1	0	17.91	17.76	17.83	19.5
		1	7	17.89	17.78	17.74	19.5
		1	14	17.86	17.84	17.77	19.5
		8	0	17.69	17.71	17.68	19.5
		8	4	17.66	17.62	17.63	19.5
		8	7	17.65	17.65	17.59	19.5
		15	0	17.69	17.61	17.58	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.26	18.33	18.36	19.5
		1	13	18.29	18.37	18.32	19.5
		1	24	18.08	18.27	18.3	19.5
		12	0	18.28	18.34	18.4	19.5
		12	6	18.05	18.37	18.33	19.5
		12	13	18.32	18.38	18.34	19.5
		25	0	18.25	18.34	18.3	19.5
	16QAM	1	0	18.3	18.59	18.59	19.5
		1	13	18.06	18.7	18.55	19.5
		1	24	18.36	18.62	18.5	19.5
		12	0	18.08	18.32	18.33	19.5
		12	6	18.25	18.29	18.22	19.5
		12	13	18.31	18.32	18.32	19.5
		25	0	17.94	18.25	18.26	19.5
	64QAM	1	0	17.74	17.65	17.67	19.5
		1	13	17.68	17.67	17.73	19.5
		1	24	17.71	17.73	17.76	19.5
		12	0	17.55	17.56	17.57	19.5
		12	6	17.58	17.59	17.59	19.5
		12	13	17.57	17.57	17.58	19.5
		25	0	17.58	17.61	17.58	19.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.22	18.29	18.29	19.5
		1	25	18.09	17.97	18.15	19.5
		1	49	18.18	18.19	18.23	19.5
		25	0	18.29	18.32	18.35	19.5
		25	13	18.27	18.34	18.36	19.5
		25	25	18.24	18.32	18.32	19.5
		50	0	18.26	18.29	18.34	19.5
	16QAM	1	0	18.48	18.58	18.58	19.5
		1	25	18.09	18.43	18.51	19.5
		1	49	18.54	18.56	18.55	19.5
		25	0	18.2	18.32	18.27	19.5
		25	13	18	18.31	18.28	19.5
		25	25	18.2	18.26	18.28	19.5
		50	0	18.16	18.23	18.23	19.5
	64QAM	1	0	18.03	17.84	17.91	19.5
		1	25	17.97	17.85	17.82	19.5
		1	49	17.96	18.01	17.83	19.5
		25	0	17.75	17.75	17.76	19.5
		25	13	17.71	17.71	17.63	19.5
		25	25	17.73	17.75	17.65	19.5
		50	0	17.75	17.73	17.67	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.19	18.28	18.27	19.5
		1	38	18.25	18.32	18.30	19.5
		1	74	18.13	18.15	18.17	19.5
		36	0	18.27	18.32	18.32	19.5
		36	18	18.28	18.33	18.31	19.5
		36	39	18.26	18.29	18.28	19.5
		75	0	18.25	18.34	18.27	19.5
	16QAM	1	0	18.37	18.53	18.53	19.5
		1	38	18.49	18.54	18.58	19.5
		1	74	18.35	18.41	18.51	19.5
		36	0	18.21	18.31	18.29	19.5
		36	18	18.23	18.24	18.25	19.5
		36	39	18.16	18.24	18.25	19.5
		75	0	18.19	18.24	18.24	19.5
	64QAM	1	0	17.97	17.79	17.86	19.5
		1	38	17.95	17.83	17.77	19.5
		1	74	17.94	17.95	17.82	19.5
		36	0	17.73	17.73	17.71	19.5
		36	18	17.65	17.67	17.63	19.5
		36	39	17.67	17.68	17.65	19.5
		75	0	17.75	17.71	17.62	19.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.06	18.20	18.12	19.5
		1	50	17.76	17.72	17.79	19.5
		1	99	18.19	18.26	18.22	19.5
		50	0	18.09	18.10	18.07	19.5
		50	25	18.12	18.12	18.09	19.5
		50	50	18.17	18.18	18.17	19.5
		100	0	18.11	18.16	18.10	19.5
	16QAM	1	0	18.31	18.22	17.91	19.5
		1	50	18.25	17.69	17.85	19.5
		1	99	18.38	18.29	18.00	19.5
		50	0	17.99	18.01	18.02	19.5
		50	25	17.97	18.09	18.04	19.5
		50	50	18.07	18.12	17.97	19.5
		100	0	18.01	18.00	18.05	19.5
	64QAM	1	0	18.08	17.89	17.96	19.5
		1	50	18.02	17.91	17.87	19.5
		1	99	18.04	18.07	17.90	19.5
		50	0	17.82	17.83	17.81	19.5
		50	25	17.79	17.75	17.73	19.5
		50	50	17.78	17.75	17.72	19.5
		100	0	17.82	17.78	17.72	19.5

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LTE Band 4 sensor on reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	20.01	20.27	20.04	21.5
		1	2	20.03	20.27	20.27	21.5
		1	5	19.82	20.15	20.31	21.5
		3	0	20.06	20.37	20.24	21.5
		3	2	20.07	20.35	20.28	21.5
		3	3	20	20.26	20.32	21.5
		6	0	19.99	20.29	20.25	21.5
	16QAM	1	0	20.22	20.6	20.5	21.5
		1	2	20.27	20.54	20.63	21.5
		1	5	20.15	20.51	20.59	21.5
		3	0	20.09	20.39	20.23	21.5
		3	2	20.05	20.42	20.27	21.5
		3	3	20	20.28	20.37	21.5
		6	0	19.96	20.29	20.24	21.5
	64QAM	1	0	21.13	21.06	21.15	21.5
		1	2	20.83	21.03	21.03	21.5
		1	5	20.97	20.98	20.94	21.5
		3	0	19.79	19.84	19.87	21.5
		3	2	19.75	19.76	19.78	21.5
		3	3	19.73	19.75	19.71	21.5
		6	0	19.76	19.79	19.75	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	19.93	20.21	20.01	21.5
		1	7	19.92	20.24	20.09	21.5
		1	14	19.86	19.87	20.13	21.5
		8	0	20.06	20.33	20.02	21.5
		8	4	19.92	20.26	20.07	21.5
		8	7	19.94	20.09	20.11	21.5
		15	0	19.87	20.19	20.06	21.5
	16QAM	1	0	20.18	20.51	20.3	21.5
		1	7	20.23	20.56	20.43	21.5
		1	14	20.23	20.21	20.48	21.5
		8	0	20.05	20.33	20.03	21.5
		8	4	19.91	20.26	20.05	21.5
		8	7	19.93	20.11	20.11	21.5
		15	0	19.82	20.17	20.05	21.5
	64QAM	1	0	21.12	21.23	21.34	21.5
		1	7	21.02	21.22	21.19	21.5
		1	14	21.16	21.17	21.13	21.5
		8	0	19.98	20.03	20.06	21.5
		8	4	19.86	19.92	19.93	21.5
		8	7	19.95	19.95	19.85	21.5
		15	0	19.91	19.95	19.92	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	20.14	20.53	20.43	21.5
		1	13	20.08	20.25	20.11	21.5
		1	24	20.11	19.96	20.17	21.5
		12	0	20.03	20.42	20.41	21.5
		12	6	20.1	20.3	20.05	21.5
		12	13	20.26	20.06	20.05	21.5
		25	0	20.2	20.21	20.02	21.5
	16QAM	1	0	20.35	20.89	20.73	21.5
		1	13	20.42	20.62	20.37	21.5
		1	24	20.39	20.21	20.49	21.5
		12	0	20.05	20.41	20.42	21.5
		12	6	20.11	20.31	20.06	21.5
		12	13	20.28	20.05	20.05	21.5
		25	0	20.18	20.15	19.98	21.5
	64QAM	1	0	21.16	21.09	21.18	21.5
		1	13	20.86	21.06	21.03	21.5
		1	24	21.02	21.01	20.97	21.5
		12	0	19.82	19.87	19.92	21.5
		12	6	19.83	19.75	19.83	21.5
		12	13	19.82	19.79	19.74	21.5
		25	0	19.79	19.82	19.81	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.14	19.7	19.38	21.5
		1	25	20.21	20.25	20.38	21.5
		1	49	20.04	19.88	19.88	21.5
		25	0	20.32	20.5	20.31	21.5
		25	13	20.27	20.24	20.21	21.5
		25	25	20.16	19.87	20.08	21.5
		50	0	20.13	20.16	20.17	21.5
	16QAM	1	0	19.5	20.05	19.7	21.5
		1	25	20.55	20.53	20.74	21.5
		1	49	20.45	20.34	20.24	21.5
		25	0	20.25	20.44	20.26	21.5
		25	13	20.22	20.2	20.18	21.5
		25	25	20.13	19.81	20.04	21.5
		50	0	20.06	20.1	20.11	21.5
	64QAM	1	0	21.26	21.19	21.25	21.5
		1	25	20.96	21.16	21.13	21.5
		1	49	21.12	21.1	21.07	21.5
		25	0	19.92	19.97	20.02	21.5
		25	13	19.91	19.89	19.91	21.5
		25	25	19.92	19.87	19.83	21.5
		50	0	19.89	19.92	19.85	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.36	19.94	19.63	21.5
		1	38	20.38	20.22	20.21	21.5
		1	74	20.46	19.92	19.96	21.5
		36	0	20.23	20.53	20.36	21.5
		36	18	20.32	20.26	20.31	21.5
		36	39	20.37	20.08	20.03	21.5
		75	0	20.25	20.22	20.23	21.5
	16QAM	1	0	19.63	20.26	20	21.5
		1	38	20.64	20.51	20.52	21.5
		1	74	20.78	20.21	20.27	21.5
		36	0	20.17	20.5	20.33	21.5
		36	18	20.25	20.22	20.28	21.5
		36	39	20.31	20.05	20	21.5
		75	0	20.18	20.17	20.17	21.5
	64QAM	1	0	21.12	21.03	21.12	21.5
		1	38	20.83	21.05	20.97	21.5
		1	74	20.94	20.95	20.91	21.5
		36	0	19.76	19.81	19.84	21.5
		36	18	19.75	19.73	19.75	21.5
		36	39	19.77	19.72	19.68	21.5
		75	0	19.73	19.76	19.74	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	20.33	21	20.3	21.5
		1	50	20.58	20.22	20.22	21.5
		1	99	20.47	20.18	20.08	21.5
		50	0	20.37	20.54	20.42	21.5
		50	25	20.51	20.2	20.24	21.5
		50	50	20.49	20.14	20.15	21.5
		100	0	20.35	20.26	20.36	21.5
	16QAM	1	0	20.61	21.24	20.6	21.5
		1	50	20.87	20.51	20.52	21.5
		1	99	20.8	20.48	20.4	21.5
		50	0	20.32	20.5	20.44	21.5
		50	25	20.47	20.16	20.21	21.5
		50	50	20.34	20.1	20.11	21.5
		100	0	20.29	20.22	20.3	21.5
	64QAM	1	0	21.2	21.13	21.22	21.5
		1	50	20.9	21.1	21.07	21.5
		1	99	21.04	21.05	21.01	21.5
		50	0	19.86	19.91	19.94	21.5
		50	25	19.84	19.83	19.85	21.5
		50	50	19.86	19.83	19.78	21.5
		100	0	19.83	19.86	19.84	21.5

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LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.56	23.16	23.02	24
		1	2	23.48	23.11	23.12	24
		1	5	23.14	23.2	23	24
		3	0	23.18	23.14	23.11	24
		3	2	23.45	23.14	23.1	24
		3	3	23.44	23.17	23.04	24
		6	0	22.42	22.15	22.17	23
	16QAM	1	0	22.71	22.36	22.2	23
		1	2	22.79	22.38	22.34	23
		1	5	22.63	22.36	22.37	23
		3	0	22.41	22.13	22.27	23
		3	2	22.46	22.13	22.23	23
		3	3	22.47	22.1	22.21	23
		6	0	21.61	21.29	21.23	22
	64QAM	1	0	22.21	22.05	22.05	22.5
		1	2	22.12	22.07	21.97	22.5
		1	5	21.73	21.85	21.78	22.5
		3	0	22.23	21.97	22.15	22.5
		3	2	22.25	22.15	21.95	22.5
		3	3	21.76	21.89	21.74	22.5
		6	0	20.63	20.45	20.57	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.57	23.24	22.99	24
		1	7	23.56	23.19	23.15	24
		1	14	23.4	23.23	23.03	24
		8	0	22.38	22.28	22	23
		8	4	22.36	22.23	22.2	23
		8	7	22.29	22.17	22.22	23
		15	0	22.34	22.24	22.22	23
	16QAM	1	0	22.76	22.37	22.1	23
		1	7	22.66	22.29	22.24	23
		1	14	22.52	22.37	22.19	23
		8	0	21.54	21.37	21.11	22
		8	4	21.53	21.29	21.1	22
		8	7	21.47	21.25	21.12	22
		15	0	21.5	21.3	21.08	22
	64QAM	1	0	22.31	21.95	22.15	22.5
		1	7	22.17	22.11	21.97	22.5
		1	14	21.85	21.89	21.67	22.5
		8	0	20.83	20.63	20.64	21.5
		8	4	20.35	20.45	20.47	21.5
		8	7	20.21	20.58	20.33	21.5
		15	0	20.69	20.42	20.65	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.81	23.08	23	24
		1	13	23.55	23.07	22.98	24
		1	24	23.32	23.03	22.91	24
		12	0	22.61	22.03	22.21	23
		12	6	22.53	22.07	22.14	23
		12	13	22.46	22.3	22.07	23
		25	0	22.5	21.97	22.13	23
	16QAM	1	0	22.85	22.46	22.3	23
		1	13	22.7	22.38	22.19	23
		1	24	22.41	22.37	22.18	23
		12	0	21.52	21.42	21.35	22
		12	6	21.47	21.18	21.29	22
		12	13	21.44	21.38	21.01	22
		25	0	21.44	20.81	21.15	22
	64QAM	1	0	22.25	21.85	22.12	22.5
		1	13	22.15	22.07	21.95	22.5
		1	24	21.87	21.87	21.63	22.5
		12	0	20.85	20.53	20.65	21.5
		12	6	20.32	20.47	20.49	21.5
		12	13	20.24	20.54	20.35	21.5
		25	0	20.67	20.35	20.69	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.92	23.38	23.38	24
		1	25	23.89	23.78	23.67	24
		1	49	23.54	23.37	23.47	24
		25	0	22.54	22.33	22.41	23
		25	13	22.24	22.16	22.26	23
		25	25	22	22.21	22.11	23
		50	0	22.27	22.1	22.41	23
	16QAM	1	0	22.98	22.58	22.79	23
		1	25	22.91	22.92	22.89	23
		1	49	22.86	22.55	22.77	23
		25	0	21.62	21.43	21.41	22
		25	13	21.38	21.27	21.39	22
		25	25	21.21	21.32	21.24	22
		50	0	21.47	21.21	21.53	22
	64QAM	1	0	22.21	21.88	22.01	22.5
		1	25	22.05	22.02	21.97	22.5
		1	49	21.81	21.92	21.66	22.5
		25	0	20.89	20.57	20.69	21.5
		25	13	20.37	20.45	20.49	21.5
		25	25	20.28	20.52	20.34	21.5
		50	0	20.61	20.31	20.74	21.5

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LTE Band 7 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	22.46	22.55	22.07	23.5
		1	13	22.18	22.36	21.99	23.5
		1	24	22.10	22.17	22.11	23.5
		12	0	21.42	21.64	21.16	22.5
		12	6	21.35	21.61	21.21	22.5
		12	13	21.13	21.39	21.18	22.5
		25	0	21.26	21.45	21.19	22.5
	16QAM	1	0	21.53	21.62	21.24	22.5
		1	13	21.31	21.53	21.24	22.5
		1	24	21.19	21.34	21.29	22.5
		12	0	20.38	20.54	20.32	21.5
		12	6	20.33	20.53	20.30	21.5
		12	13	20.20	20.46	20.28	21.5
		25	0	20.19	20.46	20.26	21.5
	64QAM	1	0	20.26	20.42	20.26	22
		1	13	20.29	20.28	20.34	22
		1	24	20.35	20.24	20.32	22
		12	0	19.32	19.31	19.32	21
		12	6	19.2	19.23	19.27	21
		12	13	19.28	19.27	19.32	21
		25	0	19.24	19.23	19.29	21
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	22.55	22.47	22.19	23.5
		1	25	22.95	23.08	22.67	23.5
		1	49	22.29	22.35	22.30	23.5
		25	0	21.34	21.56	21.05	22.5
		25	13	21.32	21.39	21.03	22.5
		25	25	21.20	21.39	21.00	22.5
		50	0	21.02	21.51	21.13	22.5
	16QAM	1	0	21.77	21.80	21.17	22.5
		1	25	22.24	22.49	21.80	22.5
		1	49	21.49	21.80	21.40	22.5
		25	0	20.37	20.47	20.02	21.5
		25	13	20.29	20.44	20.06	21.5
		25	25	20.12	20.32	20.05	21.5
		50	0	20.02	20.39	20.21	21.5
	64QAM	1	0	20.26	20.39	20.34	22
		1	25	20.27	20.22	20.28	22
		1	49	20.29	20.25	20.24	22
		25	0	19.83	19.84	19.86	21
		25	13	19.79	19.82	19.8	21
		25	25	19.81	19.82	19.79	21
		50	0	19.81	19.86	19.85	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.47	22.19	22.12	23.5
		1	38	22.15	22.47	21.77	23.5
		1	74	22.05	22.21	21.99	23.5
		36	0	21.27	21.44	21.23	22.5
		36	18	21.39	21.52	21.00	22.5
		36	39	21.41	21.36	21.06	22.5
		75	0	21.19	21.46	21.16	22.5
	16QAM	1	0	21.47	21.30	21.33	22.5
		1	38	21.31	21.68	21.04	22.5
		1	74	21.22	21.44	21.29	22.5
		36	0	20.19	20.52	20.25	21.5
		36	18	20.32	20.44	20.05	21.5
		36	39	20.36	20.42	20.20	21.5
		75	0	20.20	20.35	20.14	21.5
	64QAM	1	0	20.72	20.74	20.71	22
		1	38	20.78	20.78	20.73	22
		1	74	20.75	20.75	20.75	22
		36	0	20.08	20.11	20.12	21
		36	18	20.04	20.09	20.13	21
		36	39	19.98	20.01	20.17	21
		75	0	20.06	20.03	20.09	21
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	22.14	22.25	21.96	23.5
		1	50	22.11	22.35	21.88	23.5
		1	99	22.20	22.46	22.29	23.5
		50	0	21.34	21.50	21.26	22.5
		50	25	21.42	21.43	21.18	22.5
		50	50	21.11	21.38	21.10	22.5
		100	0	21.16	21.44	21.11	22.5
	16QAM	1	0	21.40	21.46	21.17	22.5
		1	50	21.45	21.60	21.21	22.5
		1	99	21.45	21.80	21.51	22.5
		50	0	20.25	20.49	20.36	21.5
		50	25	20.42	20.47	20.23	21.5
		50	50	20.06	20.33	20.13	21.5
		100	0	20.09	20.45	20.09	21.5
	64QAM	1	0	20.84	20.86	20.82	22
		1	50	20.89	20.83	20.85	22
		1	99	20.87	20.89	20.84	22
		50	0	20.20	20.23	20.24	21
		50	25	20.16	20.14	20.12	21
		50	50	20.10	20.13	20.15	21
		100	0	20.18	20.15	20.17	21

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LTE Band 7 hotspot actived reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	17.94	17.9	17.9	18.5
		1	13	17.99	17.95	17.93	18.5
		1	24	17.97	17.96	17.89	18.5
		12	0	17.98	17.94	17.9	18.5
		12	6	17.94	17.92	17.86	18.5
		12	13	18.01	17.96	17.93	18.5
		25	0	17.97	17.95	17.88	18.5
	16QAM	1	0	18.16	18.19	18.13	18.5
		1	13	18.25	18.17	18.2	18.5
		1	24	18.28	18.14	18.19	18.5
		12	0	17.94	17.92	17.9	18.5
		12	6	17.9	17.89	17.9	18.5
		12	13	18	17.97	17.93	18.5
		25	0	17.92	17.88	17.83	18.5
	64QAM	1	0	16.98	17.02	16.95	18.5
		1	13	17.01	16.75	16.78	18.5
		1	24	16.89	16.92	16.85	18.5
		12	0	16.75	16.75	16.75	18.5
		12	6	16.73	16.68	16.67	18.5
		12	13	16.71	16.73	16.66	18.5
		25	0	16.75	16.69	16.71	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	17.89	17.87	17.84	18.5
		1	25	17.69	17.7	17.55	18.5
		1	49	17.96	17.92	17.86	18.5
		25	0	17.99	17.93	17.92	18.5
		25	13	17.99	17.9	17.94	18.5
		25	25	18.03	17.92	17.91	18.5
		50	0	17.97	17.9	17.88	18.5
	16QAM	1	0	18.27	18.25	18.14	18.5
		1	25	18.22	18	18.09	18.5
		1	49	18.24	18.23	18.19	18.5
		25	0	17.92	17.87	17.81	18.5
		25	13	17.94	17.89	17.84	18.5
		25	25	17.98	17.91	17.88	18.5
		50	0	17.9	17.84	17.81	18.5
	64QAM	1	0	17.11	17.15	17.13	18.5
		1	25	17.14	16.88	16.92	18.5
		1	49	17.02	17.05	16.95	18.5
		25	0	16.85	16.88	16.88	18.5
		25	13	16.86	16.83	16.82	18.5
		25	25	16.87	16.85	16.79	18.5
		50	0	16.85	16.85	16.84	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	17.86	17.87	17.81	18.5
		1	38	17.97	17.92	17.92	18.5
		1	74	17.93	17.94	17.88	18.5
		36	0	18.01	17.98	17.9	18.5
		36	18	18.01	17.94	17.93	18.5
		36	39	17.99	17.98	17.93	18.5
		75	0	17.95	17.94	17.93	18.5
	16QAM	1	0	18.12	18.14	18.08	18.5
		1	38	18.27	18.19	18.18	18.5
		1	74	18.19	18.1	18.2	18.5
		36	0	17.94	17.91	17.85	18.5
		36	18	17.94	17.88	17.87	18.5
		36	39	17.96	17.92	17.91	18.5
		75	0	17.88	17.86	17.87	18.5
	64QAM	1	0	17.08	17.12	17.07	18.5
		1	38	17.11	16.85	16.88	18.5
		1	74	16.99	17.03	16.93	18.5
		36	0	16.85	16.85	16.85	18.5
		36	18	16.83	16.73	16.79	18.5
		36	39	16.82	16.75	16.76	18.5
		75	0	16.83	16.79	16.83	18.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.10	17.75	17.76	18.5
		1	50	17.69	17.48	17.14	18.5
		1	99	17.85	17.87	17.92	18.5
		50	0	17.74	17.75	17.74	18.5
		50	25	17.71	17.74	17.70	18.5
		50	50	17.70	17.75	17.75	18.5
		100	0	17.75	17.75	17.70	18.5
	16QAM	1	0	17.68	18.04	17.84	18.5
		1	50	17.58	17.85	17.41	18.5
		1	99	17.85	18.07	17.91	18.5
		50	0	17.66	17.69	17.68	18.5
		50	25	17.64	17.68	17.64	18.5
		50	50	17.73	17.71	17.70	18.5
		100	0	17.68	17.68	17.67	18.5
	64QAM	1	0	17.19	17.23	17.18	18.5
		1	50	17.22	16.96	16.99	18.5
		1	99	17.10	17.13	17.03	18.5
		50	0	16.96	16.96	16.96	18.5
		50	25	16.94	16.89	16.90	18.5
		50	50	16.91	16.89	16.87	18.5
		100	0	16.91	16.90	16.92	18.5

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LTE Band 7 sensor on reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	21.62	21.73	21.58	22.5
		1	13	21.65	21.34	21.44	22.5
		1	24	21.74	21.79	21.51	22.5
		12	0	21.63	21.65	21.53	22.5
		12	6	21.62	21.64	21.90	22.5
		12	13	21.64	21.74	21.62	22.5
		25	0	21.63	21.62	21.61	22.5
	16QAM	1	0	21.79	21.62	21.52	22.5
		1	13	21.60	21.42	21.33	22.5
		1	24	22.07	21.86	21.48	22.5
		12	0	20.85	20.61	20.51	21.5
		12	6	20.59	20.51	20.55	21.5
		12	13	20.59	20.59	20.53	21.5
		25	0	20.60	20.55	20.57	21.5
	64QAM	1	0	20.60	20.55	20.59	22
		1	13	20.24	20.36	20.28	22
		1	24	20.46	20.39	20.42	22
		12	0	19.37	19.25	19.35	21
		12	6	19.24	19.27	19.24	21
		12	13	19.35	19.29	19.26	21
		25	0	19.35	19.22	19.24	21
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.72	21.83	21.68	22.5
		1	25	21.45	21.44	21.54	22.5
		1	49	21.84	21.89	21.61	22.5
		25	0	21.73	21.75	21.63	22.5
		25	13	21.72	21.74	21.80	22.5
		25	25	21.74	21.81	21.72	22.5
		50	0	21.73	21.72	21.71	22.5
	16QAM	1	0	21.89	21.72	21.62	22.5
		1	25	21.70	21.52	21.43	22.5
		1	49	22.17	21.91	21.58	22.5
		25	0	20.95	20.71	20.61	21.5
		25	13	20.59	20.61	20.65	21.5
		25	25	20.69	20.69	20.63	21.5
		50	0	20.70	20.65	20.64	21.5
	64QAM	1	0	20.70	20.65	20.69	22
		1	25	20.34	20.46	20.38	22
		1	49	20.56	20.49	20.52	22
		25	0	19.43	19.35	19.41	21
		25	13	19.34	19.37	19.34	21
		25	25	19.45	19.39	19.36	21
		50	0	19.45	19.32	19.34	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.76	21.87	21.72	22.5
		1	38	21.48	21.53	21.58	22.5
		1	74	21.88	21.93	21.75	22.5
		36	0	21.79	21.79	21.73	22.5
		36	18	21.76	21.78	21.75	22.5
		36	39	21.80	21.85	21.76	22.5
		75	0	21.77	21.77	21.75	22.5
	16QAM	1	0	21.93	21.76	21.66	22.5
		1	38	21.74	21.56	21.47	22.5
		1	74	22.19	21.95	21.62	22.5
		36	0	20.69	20.75	20.65	21.5
		36	18	20.63	20.65	20.67	21.5
		36	39	20.73	20.73	20.67	21.5
		75	0	20.74	20.69	20.68	21.5
	64QAM	1	0	20.74	20.69	20.73	22
		1	38	20.38	20.50	20.42	22
		1	74	20.60	20.53	20.56	22
		36	0	19.47	19.39	19.45	21
		36	18	19.38	19.34	19.35	21
		36	39	19.49	19.35	19.40	21
		75	0	19.45	19.35	19.38	21

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	21.83	21.94	21.79	22.5
		1	50	21.45	21.60	21.64	22.5
		1	99	21.95	21.98	21.82	22.5
		50	0	21.86	21.86	21.80	22.5
		50	25	21.83	21.85	21.82	22.5
		50	50	21.87	21.90	21.83	22.5
		100	0	21.84	21.84	21.82	22.5
	16QAM	1	0	22.00	21.83	21.73	22.5
		1	50	21.78	21.63	21.49	22.5
		1	99	22.16	22.02	21.69	22.5
		50	0	20.76	20.79	20.72	21.5
		50	25	20.70	20.72	20.74	21.5
		50	50	20.80	20.80	20.74	21.5
		100	0	20.81	20.76	20.75	21.5
	64QAM	1	0	20.81	20.76	20.77	22
		1	50	20.45	20.57	20.45	22
		1	99	20.67	20.60	20.63	22
		50	0	19.49	19.46	19.51	21
		50	25	19.45	19.45	19.42	21
		50	50	19.56	19.44	19.47	21
		100	0	19.48	19.42	19.45	21

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LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	22.93	23.31	23.38	24
		1	2	22.82	23.34	23.26	24
		1	5	23.32	23.89	23.26	24
		3	0	22.92	23.27	23.23	24
		3	2	22.80	23.29	23.21	24
		3	3	22.82	23.45	22.95	24
		6	0	21.74	22.17	22.01	23
	16QAM	1	0	22.03	22.29	22.57	23
		1	2	21.92	22.45	22.42	23
		1	5	22.38	22.88	22.40	23
		3	0	21.77	22.19	22.23	23
		3	2	21.69	22.24	22.17	23
		3	3	21.69	22.29	21.88	23
		6	0	20.72	21.17	21.26	22
	64QAM	1	0	21.45	21.38	22.35	22.5
		1	2	21.06	22.15	21.34	22.5
		1	5	22.09	20.89	21.43	22.5
		3	0	21.42	21.34	22.38	22.5
		3	2	21.10	22.16	21.35	22.5
		3	3	22.05	20.85	21.37	22.5
		6	0	20.16	20.15	20.17	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	23.14	23.29	23.18	24
		1	7	23.33	23.91	23.94	24
		1	14	22.96	23.87	23.37	24
		8	0	21.65	22.18	22.54	23
		8	4	21.51	22.18	22.37	23
		8	7	21.86	22.98	22.66	23
		15	0	21.38	22.28	22.10	23
	16QAM	1	0	22.19	22.38	22.27	23
		1	7	22.54	22.94	23.41	23
		1	14	22.15	22.91	22.57	23
		8	0	20.68	21.28	21.71	22
		8	4	20.62	21.27	21.66	22
		8	7	20.96	22.03	21.85	22
		15	0	20.45	21.33	21.24	22
	64QAM	1	0	21.48	21.41	22.41	22.5
		1	7	21.05	22.15	21.43	22.5
		1	14	22.12	20.92	21.57	22.5
		8	0	20.11	20.97	21.05	21.5
		8	4	20.07	20.89	19.81	21.5
		8	7	20.17	19.87	20.23	21.5
		15	0	20.19	20.21	20.18	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	23.61	23.25	22.96	24
		1	13	23.28	23.92	23.90	24
		1	24	23.24	23.91	23.63	24
		12	0	22.23	22.55	22.27	23
		12	6	22.07	22.97	22.82	23
		12	13	22.14	22.94	22.91	23
		25	0	22.07	22.94	22.71	23
	16QAM	1	0	22.66	22.15	22.08	23
		1	13	22.43	22.95	22.97	23
		1	24	22.18	22.94	22.74	23
		12	0	21.11	21.47	21.33	22
		12	6	20.93	21.87	21.86	22
		12	13	21.04	21.88	21.92	22
		25	0	20.92	21.85	21.73	22
	64QAM	1	0	21.48	21.41	22.48	22.5
		1	13	21.05	22.15	21.32	22.5
		1	24	22.12	20.92	21.81	22.5
		12	0	20.11	20.97	21.22	21.5
		12	6	20.07	20.89	19.75	21.5
		12	13	20.17	19.87	20.24	21.5
		25	0	20.19	20.21	20.22	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.30	23.02	23.98	24
		1	25	22.99	23.88	22.82	24
		1	49	23.70	22.69	23.36	24
		25	0	21.92	22.66	22.67	23
		25	13	21.99	22.25	21.39	23
		25	25	21.87	21.59	21.97	23
		50	0	21.93	21.86	21.91	23
	16QAM	1	0	22.51	22.30	22.91	23
		1	25	22.01	22.90	21.96	23
		1	49	22.79	21.70	22.42	23
		25	0	20.99	21.67	21.68	22
		25	13	21.18	21.29	20.40	22
		25	25	21.08	20.55	20.97	22
		50	0	21.11	20.94	20.89	22
	64QAM	1	0	21.59	21.43	22.48	22.5
		1	25	21.11	22.18	21.22	22.5
		1	49	22.06	20.86	21.81	22.5
		25	0	20.05	20.87	21.18	21.5
		25	13	20.13	20.69	19.69	21.5
		25	25	20.25	19.82	20.24	21.5
		50	0	20.17	20.20	20.22	21.5

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LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	22.82	22.85	22.60	24
		1	13	22.82	22.74	23.65	24
		1	24	23.22	23.83	22.75	24
		12	0	22.36	22.91	22.83	23
		12	6	22.73	22.76	22.84	23
		12	13	22.79	22.32	22.58	23
		25	0	22.44	22.85	22.86	23
	16QAM	1	0	22.29	22.86	22.14	23
		1	13	22.49	21.90	22.88	23
		1	24	22.87	22.63	22.34	23
		12	0	21.38	21.89	21.83	22
		12	6	21.59	21.45	21.91	22
		12	13	21.65	21.27	21.36	22
		25	0	21.68	21.58	21.91	22
	64QAM	1	0	22.39	22.36	22.45	22.5
		1	13	22.40	21.41	21.34	22.5
		1	24	22.41	22.29	22.27	22.5
		12	0	22.43	22.24	22.21	22.5
		12	6	22.12	22.17	22.26	22.5
		12	13	22.25	22.24	22.35	22.5
		25	0	21.32	21.34	21.27	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	23.44	23.42	23.74	24
		1	25	23.69	23.18	23.41	24
		1	49	23.98	23.84	22.93	24
		25	0	22.91	22.79	22.69	23
		25	13	22.69	22.86	22.91	23
		25	25	22.98	22.68	22.92	23
		50	0	22.97	22.93	22.96	23
	16QAM	1	0	22.97	22.99	22.92	23
		1	25	22.95	22.81	22.97	23
		1	49	22.96	22.94	22.65	23
		25	0	21.81	21.74	21.91	22
		25	13	21.48	21.59	21.83	22
		25	25	21.71	21.70	21.83	22
		50	0	21.70	21.74	21.76	22
	64QAM	1	0	22.41	22.34	22.46	22.5
		1	25	22.42	21.83	22.06	22.5
		1	49	22.44	22.41	22.39	22.5
		25	0	21.42	21.36	21.33	21.5
		25	13	21.24	21.29	21.38	21.5
		25	25	21.37	21.36	21.37	21.5
		50	0	21.44	21.46	21.39	21.5

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LTE FDD Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	22.61	22.91	22.72	24
		1	2	22.78	22.87	22.84	24
		1	5	22.83	22.83	22.81	24
		3	0	22.71	22.90	22.82	24
		3	2	22.77	22.89	22.82	24
		3	3	22.86	22.87	22.87	24
		6	0	21.98	22.01	22.02	23
	16QAM	1	0	22.01	22.20	21.99	23
		1	2	22.16	22.20	22.12	23
		1	5	22.20	22.17	22.23	23
		3	0	21.84	22.02	21.87	23
		3	2	21.92	21.97	21.88	23
		3	3	22.00	21.96	22.08	23
		6	0	21.02	20.93	21.12	22
	64QAM	1	0	21.43	21.57	21.25	22.5
		1	2	21.75	21.27	21.20	22.5
		1	5	21.33	21.15	21.25	22.5
		3	0	21.45	21.51	21.27	22.5
		3	2	21.67	21.22	21.23	22.5
		3	3	21.31	21.17	21.26	22.5
		6	0	20.15	20.13	20.21	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.54	22.94	22.53	24
		1	7	22.99	22.88	22.81	24
		1	14	22.87	22.78	22.70	24
		8	0	21.99	22.05	21.88	23
		8	4	22.15	22.00	21.86	23
		8	7	22.16	21.94	21.99	23
		15	0	22.08	22.01	21.85	23
	16QAM	1	0	21.90	22.20	21.90	23
		1	7	22.39	22.18	22.09	23
		1	14	22.29	22.00	22.05	23
		8	0	21.11	20.93	20.77	22
		8	4	21.27	20.87	20.92	22
		8	7	21.17	20.83	21.04	22
		15	0	21.05	20.86	20.87	22
	64QAM	1	0	21.36	21.50	21.18	22.5
		1	7	21.69	21.20	21.13	22.5
		1	14	21.26	21.08	21.18	22.5
		8	0	20.31	20.21	20.25	21.5
		8	4	20.15	20.11	20.17	21.5
		8	7	20.14	20.12	20.15	21.5
		15	0	20.08	20.06	20.18	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	22.65	23.02	22.64	24
		1	13	23.04	22.83	22.80	24
		1	24	22.92	22.86	22.70	24
		12	0	22.11	22.12	21.90	23
		12	6	22.24	22.02	21.87	23
		12	13	22.27	21.98	21.83	23
		25	0	22.19	22.15	21.97	23
	16QAM	1	0	22.11	22.42	21.92	23
		1	13	22.48	22.23	22.11	23
		1	24	22.37	22.24	22.09	23
		12	0	21.21	21.11	20.78	22
		12	6	21.35	21.02	20.75	22
		12	13	21.37	20.86	20.84	22
		25	0	21.27	21.01	20.84	22
	64QAM	1	0	21.41	21.55	21.23	22.5
		1	13	21.73	21.25	21.13	22.5
		1	24	21.25	21.13	21.23	22.5
		12	0	20.36	20.25	20.30	21.5
		12	6	20.12	20.16	20.22	21.5
		12	13	20.16	20.17	20.15	21.5
		25	0	20.12	20.09	20.17	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	22.97	23.07	23.08	24
		1	25	23.70	23.54	23.57	24
		1	49	23.41	23.40	23.03	24
		25	0	22.19	22.20	22.02	23
		25	13	22.03	22.21	22.04	23
		25	25	22.05	21.98	22.00	23
		50	0	22.24	22.15	22.26	23
	16QAM	1	0	22.36	22.37	22.24	23
		1	25	22.86	22.88	22.92	23
		1	49	22.77	22.60	22.46	23
		25	0	21.22	21.09	21.05	22
		25	13	21.19	21.10	20.92	22
		25	25	21.07	20.88	20.91	22
		50	0	21.29	21.04	21.16	22
	64QAM	1	0	21.57	21.67	21.35	22.5
		1	25	21.84	21.37	21.27	22.5
		1	49	21.32	21.23	21.35	22.5
		25	0	20.50	20.34	20.42	21.5
		25	13	20.27	20.28	20.34	21.5
		25	25	20.28	20.27	20.26	21.5
		50	0	20.18	20.20	20.26	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.25	23.51	23.25	24
		1	38	23.33	22.89	23.05	24
		1	74	22.84	22.95	22.64	24
		36	0	22.25	22.26	22.24	23
		36	18	22.20	22.26	21.97	23
		36	39	22.31	22.22	22.22	23
		75	0	22.15	22.27	22.29	23
	16QAM	1	0	22.63	22.75	22.55	23
		1	38	22.73	22.26	22.16	23
		1	74	22.20	22.42	21.95	23
		36	0	21.52	21.22	21.30	22
		36	18	21.28	21.09	20.98	22
		36	39	21.27	21.07	21.08	22
		75	0	21.10	21.11	21.14	22
	64QAM	1	0	21.68	21.78	21.46	22.5
		1	38	21.95	21.28	21.35	22.5
		1	74	21.23	21.34	21.11	22.5
		36	0	20.61	20.45	20.53	21.5
		36	18	20.36	20.29	20.15	21.5
		36	39	20.39	20.28	20.27	21.5
		75	0	20.19	20.31	20.35	21.5

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LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	23.22	23.82	23.13	24
		1	13	23.24	23.66	23.08	24
		1	24	23.10	23.49	22.89	24
		12	0	22.57	22.85	22.39	23
		12	6	22.27	22.73	22.21	23
		12	13	22.48	22.58	22.30	23
		25	0	22.21	22.63	22.26	23
	16QAM	1	0	22.48	22.85	22.38	23
		1	13	22.50	22.75	22.52	23
		1	24	22.38	22.59	22.30	23
		12	0	21.16	21.73	21.23	22
		12	6	21.16	21.70	21.12	22
		12	13	21.11	21.53	20.97	22
		25	0	21.15	21.46	21.16	22
	64QAM	1	0	21.67	21.76	21.46	22.5
		1	13	21.59	21.42	21.73	22.5
		1	24	21.63	21.56	21.68	22.5
		12	0	20.52	20.57	20.52	21.5
		12	6	20.45	20.39	20.42	21.5
		12	13	20.43	20.55	20.47	21.5
		25	0	20.51	20.49	20.48	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.13	23.69	23.34	24
		1	25	23.30	23.57	23.10	24
		1	49	22.99	23.10	22.80	24
		25	0	22.31	22.75	22.07	23
		25	13	22.28	22.60	22.17	23
		25	25	22.19	22.48	22.09	23
		50	0	22.24	22.58	22.29	23
	16QAM	1	0	22.32	22.50	22.27	23
		1	25	22.42	22.45	22.08	23
		1	49	22.14	21.96	21.85	23
		25	0	21.26	21.70	21.10	22
		25	13	21.23	21.54	21.01	22
		25	25	21.15	21.42	20.95	22
		50	0	21.11	21.47	21.16	22
	64QAM	1	0	21.65	21.84	21.62	22.5
		1	25	21.57	21.35	21.75	22.5
		1	49	21.57	21.54	21.63	22.5
		25	0	20.46	20.55	20.46	21.5
		25	13	20.42	20.36	20.44	21.5
		25	25	20.45	20.51	20.41	21.5
		50	0	20.53	20.46	20.45	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	23.20	23.79	23.46	24
		1	38	23.36	23.57	23.09	24
		1	74	23.31	23.15	22.91	24
		36	0	22.36	22.73	22.11	23
		36	18	22.33	22.67	21.99	23
		36	39	22.36	22.44	22.18	23
		75	0	22.33	22.59	22.31	23
	16QAM	1	0	22.39	22.57	22.22	23
		1	38	22.52	22.43	21.89	23
		1	74	22.47	21.91	21.82	23
		36	0	21.26	21.64	21.18	22
		36	18	21.25	21.59	21.07	22
		36	39	21.28	21.35	21.07	22
		75	0	21.20	21.50	21.18	22
	64QAM	1	0	21.75	21.87	21.68	22.5
		1	38	21.61	21.32	21.75	22.5
		1	74	21.63	21.58	21.67	22.5
		36	0	20.51	20.57	20.53	21.5
		36	18	20.48	20.43	20.46	21.5
		36	39	20.47	20.55	20.43	21.5
		75	0	20.51	20.53	20.47	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	22.91	23.40	23.27	24
		1	50	23.24	23.34	22.86	24
		1	99	23.30	22.94	22.79	24
		50	0	22.27	22.59	22.06	23
		50	25	22.24	22.27	21.76	23
		50	50	22.24	22.19	21.93	23
		100	0	22.33	22.34	22.05	23
	16QAM	1	0	22.02	22.56	22.33	23
		1	50	22.24	22.37	21.78	23
		1	99	22.34	22.13	21.88	23
		50	0	21.14	21.40	21.08	22
		50	25	21.10	21.16	20.80	22
		50	50	21.12	21.22	20.97	22
		100	0	21.17	21.26	21.19	22
	64QAM	1	0	21.77	21.92	21.72	22.5
		1	50	21.66	21.27	21.83	22.5
		1	99	21.67	21.65	21.72	22.5
		50	0	20.54	20.53	20.50	21.5
		50	25	20.46	20.49	20.42	21.5
		50	50	20.51	20.51	20.47	21.5
		100	0	20.54	20.55	20.54	21.5

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LTE Band 38 hotspot actived reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.39	21.26	21.49	23
		1	13	21.44	21.49	21.48	23
		1	24	21.46	21.49	21.43	23
		12	0	21.42	21.46	21.52	23
		12	6	21.38	21.17	21.45	23
		12	13	21.51	21.48	21.53	23
		25	0	21.4	21.45	21.48	23
	16QAM	1	0	21.65	21.53	21.63	23
		1	13	21.66	21.61	21.69	23
		1	24	21.7	21.57	21.65	23
		12	0	20.27	20.44	20.45	22
		12	6	20.22	20.37	20.38	22
		12	13	20.3	20.4	20.41	22
		25	0	20.33	20.13	20.37	22
	64QAM	1	0	21.69	21.72	21.37	22.5
		1	13	21.22	21.37	21.62	22.5
		1	24	21.43	21.51	21.46	22.5
		12	0	20.56	20.55	20.45	21.5
		12	6	20.48	20.45	20.43	21.5
		12	13	20.51	20.49	20.51	21.5
		25	0	20.55	20.53	20.45	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.13	21.43	21.46	23
		1	25	21.06	21.18	21.21	23
		1	49	21.2	20.74	21.4	23
		25	0	20.98	21.25	21.46	23
		25	13	20.71	21.42	21.43	23
		25	25	21.22	20.78	21.49	23
		50	0	20.99	21.02	21.48	23
	16QAM	1	0	21.22	21.01	21.53	23
		1	25	21	20.38	21	23
		1	49	21.41	21.06	21.49	23
		25	0	20.1	19.43	20.39	22
		25	13	20.35	20.15	20.37	22
		25	25	20.16	20.17	20.41	22
		50	0	20.32	20.17	20.4	22
	64QAM	1	0	21.67	21.68	21.33	22.5
		1	25	21.23	21.37	21.63	22.5
		1	49	21.47	21.49	21.45	22.5
		25	0	20.54	20.53	20.43	21.5
		25	13	20.46	20.47	20.39	21.5
		25	25	20.46	20.43	20.45	21.5
		50	0	20.53	20.51	20.47	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	21.32	20.58	21.36	23
		1	38	21.24	21.03	21.53	23
		1	74	21.45	21.19	21.44	23
		36	0	21.25	21.26	21.52	23
		36	18	21.44	21.27	21.51	23
		36	39	21.52	21.32	21.55	23
		75	0	21.46	21.52	21.51	23
	16QAM	1	0	21.47	21.39	21.66	23
		1	38	21.52	21.01	21.78	23
		1	74	21.46	21.58	21.69	23
		36	0	20.41	20.5	20.49	22
		36	18	20.42	20.45	20.49	22
		36	39	20.49	20.24	20.5	22
		75	0	20.41	20.4	20.45	22
	64QAM	1	0	21.63	21.64	21.29	22.5
		1	38	21.19	21.32	21.61	22.5
		1	74	21.43	21.45	21.42	22.5
		36	0	20.51	20.49	20.39	21.5
		36	18	20.42	20.45	20.35	21.5
		36	39	20.43	20.42	20.45	21.5
		75	0	20.49	20.47	20.43	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	22.23	22.29	22.27	23
		1	50	22.12	22.21	21.79	23
		1	99	22.29	22.44	22.30	23
		50	0	22.18	22.21	22.22	23
		50	25	22.21	22.25	22.26	23
		50	50	22.17	22.31	22.33	23
		100	0	22.18	22.19	22.30	23
	16QAM	1	0	22.19	22.45	22.03	23
		1	50	21.20	21.70	22.13	23
		1	99	22.37	22.56	22.07	23
		50	0	21.14	21.23	21.27	22
		50	25	21.02	21.28	21.18	22
		50	50	21.22	21.33	21.16	22
		100	0	21.10	21.20	21.21	22
	64QAM	1	0	21.74	21.75	21.40	22.5
		1	50	21.30	21.42	21.71	22.5
		1	99	21.54	21.56	21.51	22.5
		50	0	20.61	20.60	20.50	21.5
		50	25	20.53	20.54	20.46	21.5
		50	50	20.53	20.54	20.56	21.5
		100	0	20.60	20.58	20.54	21.5

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LTE FDD Band 41				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	23.36	23.70	23.40	24
		1	13	23.36	23.65	23.36	24
		1	24	22.98	23.09	22.99	24
		12	0	22.48	22.63	22.49	23
		12	6	22.22	22.41	22.41	23
		12	13	22.18	22.22	22.25	23
		25	0	22.32	22.56	22.14	23
	16QAM	1	0	22.51	22.21	22.49	23
		1	13	22.46	22.63	22.42	23
		1	24	22.09	22.24	22.20	23
		12	0	21.33	21.39	21.39	22
		12	6	21.23	21.12	21.35	22
		12	13	20.94	20.93	21.18	22
		25	0	21.17	21.28	21.24	22
	64QAM	1	0	21.69	21.86	21.72	22.5
		1	13	21.64	21.42	21.52	22.5
		1	24	21.55	21.63	21.68	22.5
		12	0	20.49	20.54	20.50	21.5
		12	6	20.38	20.43	20.48	21.5
		12	13	20.52	20.56	20.42	21.5
		25	0	20.43	20.57	20.53	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	23.03	23.15	23.12	24
		1	25	23.25	23.19	23.31	24
		1	49	22.57	22.65	22.63	24
		25	0	22.35	22.70	22.44	23
		25	13	22.26	22.32	22.28	23
		25	25	21.94	21.96	22.10	23
		50	0	22.22	22.25	22.30	23
	16QAM	1	0	22.15	22.21	22.22	23
		1	25	22.40	22.51	22.47	23
		1	49	21.72	21.26	21.88	23
		25	0	21.20	21.20	21.15	22
		25	13	20.96	20.58	21.07	22
		25	25	20.71	21.04	21.06	22
		50	0	20.93	20.73	21.19	22
	64QAM	1	0	21.73	21.91	21.75	22.5
		1	25	21.65	21.47	21.57	22.5
		1	49	21.62	21.65	21.73	22.5
		25	0	20.54	20.59	20.55	21.5
		25	13	20.43	20.45	20.53	21.5
		25	25	20.57	20.61	20.49	21.5
		50	0	20.48	20.57	20.58	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	23.32	23.06	23.54	24
		1	38	23.26	23.25	23.57	24
		1	74	22.91	22.73	22.92	24
		36	0	22.45	22.78	22.62	23
		36	18	22.26	22.41	22.52	23
		36	39	22.08	22.09	22.31	23
		75	0	22.26	22.53	22.44	23
	16QAM	1	0	22.46	22.73	22.64	23
		1	38	22.36	22.71	22.68	23
		1	74	22.00	21.76	22.16	23
		36	0	20.94	21.47	21.27	22
		36	18	20.99	21.11	21.18	22
		36	39	20.83	20.81	21.05	22
		75	0	20.98	21.02	21.02	22
	64QAM	1	0	21.83	21.97	21.85	22.5
		1	38	21.72	21.53	21.86	22.5
		1	74	21.68	21.72	21.76	22.5
		36	0	20.63	20.65	20.61	21.5
		36	18	20.51	20.55	20.57	21.5
		36	39	20.63	20.67	20.55	21.5
		75	0	20.54	20.61	20.64	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	23.06	23.33	23.19	24
		1	50	22.90	23.12	23.20	24
		1	99	22.98	22.65	22.78	24
		50	0	22.09	22.27	22.35	23
		50	25	21.96	21.59	22.16	23
		50	50	21.98	21.50	22.04	23
		100	0	22.04	22.23	22.15	23
	16QAM	1	0	22.15	22.52	22.22	23
		1	50	22.01	22.35	22.24	23
		1	99	22.20	21.70	21.98	23
		50	0	20.82	20.82	21.05	22
		50	25	20.73	21.04	20.96	22
		50	50	20.69	20.83	20.90	22
		100	0	20.78	20.55	21.03	22
	64QAM	1	0	21.97	22.12	21.99	22.5
		1	50	21.89	21.53	22.02	22.5
		1	99	21.85	21.83	21.93	22.5
		50	0	20.77	20.74	20.75	21.5
		50	25	20.65	20.70	20.65	21.5
		50	50	20.73	20.72	20.68	21.5
		100	0	20.73	20.72	20.75	21.5

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LTE FDD Band 41 hotspot actived reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	20.56	20.28	20.59	23
		1	13	20.33	20.28	20.67	23
		1	24	20.54	20.29	20.68	23
		12	0	20.73	20.57	20.93	23
		12	6	20.68	20.76	20.86	23
		12	13	20.72	20.84	20.93	23
		25	0	20.72	20.58	20.91	23
	16QAM	1	0	20.58	20.73	20.89	23
		1	13	20.75	20.13	21.03	23
		1	24	20.76	20.93	21.12	23
		12	0	20.33	20.35	20.46	22
		12	6	20.26	19.85	20.36	22
		12	13	20.34	20.42	20.46	22
		25	0	20.28	20.17	20.43	22
	64QAM	1	0	21.75	21.87	21.83	22.5
		1	13	21.56	21.75	21.86	22.5
		1	24	21.68	21.82	21.83	22.5
		12	0	20.85	20.81	20.94	21.5
		12	6	20.73	20.81	20.68	21.5
		12	13	20.75	20.85	20.93	21.5
		25	0	20.93	20.96	21.02	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	20.5	20.6	20.62	23
		1	25	20.07	20.17	20.26	23
		1	49	20.43	20.63	20.54	23
		25	0	20.68	20.55	20.88	23
		25	13	20.73	20.53	20.8	23
		25	25	20.73	20.81	20.91	23
		50	0	20.77	20.6	20.71	23
	16QAM	1	0	20.97	20.87	20.98	23
		1	25	20.68	20.54	20.6	23
		1	49	21.21	20.45	20.8	23
		25	0	20.28	20.31	20.39	22
		25	13	20.22	20.31	20.44	22
		25	25	20.26	20.34	20.41	22
		50	0	20.24	20.37	20.37	22
	64QAM	1	0	21.64	21.72	21.81	22.5
		1	25	21.45	21.64	21.73	22.5
		1	49	21.57	21.71	21.75	22.5
		25	0	20.72	20.74	20.83	21.5
		25	13	20.61	20.73	20.57	21.5
		25	25	20.64	20.74	20.81	21.5
		50	0	20.82	20.85	20.93	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	20.5	20.09	20.58	23
		1	38	20.45	20.12	20.6	23
		1	74	20.62	20.24	20.76	23
		36	0	20.8	20.84	20.9	23
		36	18	20.74	20.84	20.61	23
		36	39	20.75	20.68	20.91	23
		75	0	20.81	20.86	20.9	23
	16QAM	1	0	21.15	21.3	20.94	23
		1	38	21.15	21.19	21.08	23
		1	74	21.01	21.26	21.33	23
		36	0	20.24	20.31	20.38	22
		36	18	20.18	20.32	20.35	22
		36	39	20.22	20.33	20.39	22
		75	0	20.28	20.16	20.39	22
	64QAM	1	0	21.66	21.75	21.82	22.5
		1	38	21.47	21.63	21.77	22.5
		1	74	21.59	21.73	21.76	22.5
		36	0	20.72	20.76	20.85	21.5
		36	18	20.62	20.73	20.59	21.5
		36	39	20.63	20.76	20.82	21.5
		75	0	20.84	20.87	20.95	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	22.39	21.67	21.93	23
		1	50	22.13	21.39	21.56	23
		1	99	22.40	21.73	22.04	23
		50	0	21.60	21.65	21.54	23
		50	25	21.57	21.62	21.62	23
		50	50	21.52	21.69	21.63	23
		100	0	21.46	21.60	21.69	23
	16QAM	1	0	22.18	21.27	22.14	23
		1	50	22.73	21.05	21.69	23
		1	99	22.23	21.32	22.25	23
		50	0	21.01	21.19	20.95	22
		50	25	20.93	21.15	21.01	22
		50	50	21.05	21.19	20.95	22
		100	0	21.06	21.11	21.18	22
	64QAM	1	0	21.79	21.91	21.95	22.5
		1	50	21.60	21.79	21.90	22.5
		1	99	21.72	21.86	21.93	22.5
		50	0	20.85	20.89	20.98	21.5
		50	25	20.75	20.85	20.72	21.5
		50	50	20.79	20.89	20.95	21.5
		100	0	20.97	21.00	21.08	21.5

Table 13： Conducted Power Of LTE

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8.1.2 Conducted Power of Antenna 2

8.1.2.1 Conducted Power Of GSM

GSM 850 full power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	33.12	33.34	33.47	33.5	-9.19	23.93	24.15	24.28	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	33.14	33.34	33.48	33.5	-9.19	23.95	24.15	24.29	24.31
	2 TX Slots	30.94	31.05	31.14	31.5	-6.18	24.76	24.87	24.96	**25.32**
	3 TX Slots	28.80	28.87	28.92	29.5	-4.42	24.38	24.45	24.5	25.08
	4 TX Slots	25.48	25.42	25.44	27.5	-3.17	22.31	22.25	22.27	24.33
EGPRS(8PSK)	1 TX Slot	26.32	26.35	26.32	27.5	-9.19	17.13	17.16	17.13	18.31
	2 TX Slots	24.30	24.48	25.01	25.5	-6.18	18.12	18.3	18.83	19.32
	3 TX Slots	22.38	22.50	22.58	23.5	-4.42	17.96	18.08	18.16	19.08
	4 TX Slots	19.92	19.91	20.16	21.5	-3.17	16.75	16.74	16.99	18.33
GSM 850 Left Head reduced power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	29.53	29.64	29.74	30.5	-9.19	20.34	20.45	20.55	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.57	29.67	29.76	30.5	-9.19	20.38	20.48	20.57	21.31
	2 TX Slots	27.38	27.46	27.49	28.5	-6.18	21.2	21.28	21.31	**22.32**
	3 TX Slots	25.14	25.26	25.37	26.5	-4.42	20.72	20.84	20.95	22.08
	4 TX Slots	23.15	23.06	23.18	24.5	-3.17	19.98	19.89	20.01	21.33
EGPRS(8PSK)	1 TX Slot	23.32	23.44	23.52	24.5	-9.19	14.13	14.25	14.33	15.31
	2 TX Slots	21.38	21.49	21.56	22.5	-6.18	15.2	15.31	15.38	16.32
	3 TX Slots	19.28	19.47	19.46	20.5	-4.42	14.86	15.05	15.04	16.08
	4 TX Slots	17.16	17.32	17.34	18.5	-3.17	13.99	14.15	14.17	15.33
GSM 850 Right Head reduced power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	29.04	29.12	29.25	30	-9.19	19.85	19.93	20.06	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.02	29.08	29.21	30	-9.19	19.83	19.89	20.02	20.81
	2 TX Slots	26.79	26.85	26.89	28	-6.18	20.61	20.67	20.71	**21.82**
	3 TX Slots	24.71	24.74	24.78	26	-4.42	20.29	20.32	20.36	21.58
	4 TX Slots	22.65	22.61	22.63	24	-3.17	19.48	19.44	19.46	20.83

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EGPRS(8PSK)	1 TX Slot	22.89	23.04	23.02	24	-9.19	13.7	13.85	13.83	14.81
	2 TX Slots	20.83	21.03	21.09	22	-6.18	14.65	14.85	14.91	15.82
	3 TX Slots	18.78	19.01	18.98	20	-4.42	14.36	14.59	14.56	15.58
	4 TX Slots	16.64	16.82	16.87	18	-3.17	13.47	13.65	13.7	14.83

GSM 850 hotspot actived for 2.4G WIFI

Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	30.04	30.14	30.27	31	-9.19	20.85	20.95	21.08	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.08	30.18	30.31	31	-9.19	20.89	20.99	21.12	21.81
	2 TX Slots	27.97	27.96	28.1	29	-6.18	21.79	21.78	21.92	**22.82**
	3 TX Slots	25.81	25.86	25.91	27	-4.42	21.39	21.44	21.49	22.58
	4 TX Slots	23.74	23.75	23.82	25	-3.17	20.57	20.58	20.65	21.83
EGPRS(8PSK)	1 TX Slot	23.81	23.9	23.97	25	-9.19	14.62	14.71	14.78	15.81
	2 TX Slots	21.84	21.94	22.03	23	-6.18	15.66	15.76	15.85	16.82
	3 TX Slots	19.76	19.92	20.01	21	-4.42	15.34	15.5	15.59	16.58
	4 TX Slots	17.73	17.87	17.89	19	-3.17	14.56	14.7	14.72	15.83

GSM 850 hotspot actived for 5G WIFI

Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	28.57	28.59	28.71	29.5	-9.19	19.38	19.4	19.52	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.49	28.62	28.74	29.5	-9.19	19.3	19.43	19.55	20.31
	2 TX Slots	26.42	26.45	26.51	27.5	-6.18	20.24	20.27	20.33	**21.32**
	3 TX Slots	24.27	24.31	24.34	25.5	-4.42	19.85	19.89	19.92	21.08
	4 TX Slots	22.21	22.19	22.24	23.5	-3.17	19.04	19.02	19.07	20.33
EGPRS(8PSK)	1 TX Slot	22.46	22.58	22.63	23.5	-9.19	13.27	13.39	13.44	14.31
	2 TX Slots	20.45	20.54	20.58	21.5	-6.18	14.27	14.36	14.4	15.32
	3 TX Slots	18.37	18.43	18.49	19.5	-4.42	13.95	14.01	14.07	15.08
	4 TX Slots	16.15	16.32	16.39	17.5	-3.17	12.98	13.15	13.22	14.33

GSM 850 Body-worn simultaneously transmit with 2.4G WIFI

Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	30.53	30.54	30.68	31	-9.19	21.34	21.35	21.49	21.34
GPRS/EGPRS (GMSK)	1 TX Slot	30.52	30.63	30.7	31	-9.19	21.33	21.44	21.51	21.33
	2 TX Slots	28.2	28.3	28.4	29	-6.18	22.02	22.12	22.22	**22.02**
	3 TX Slots	26.14	26.11	26.16	27	-4.42	21.72	21.69	21.74	21.72
	4 TX Slots	24.01	24.07	24.1	25	-3.17	20.84	20.9	20.93	20.84

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EGPRS(8PSK)	1 TX Slot	23.79	23.93	23.96	25	-9.19	14.6	14.74	14.77	14.6
	2 TX Slots	21.85	21.98	22.01	23	-6.18	15.67	15.8	15.83	15.67
	3 TX Slots	19.82	19.93	19.95	21	-4.42	15.4	15.51	15.53	15.4
	4 TX Slots	17.68	17.85	17.92	19	-3.17	14.51	14.68	14.75	14.51

GSM 850 Body-worn simultaneously transmit with 5G WIFI

Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	28.87	28.98	29.09	29.5	-9.19	19.68	19.79	19.9	19.9
GPRS/EGPRS (GMSK)	1 TX Slot	28.95	28.97	29.07	29.5	-9.19	19.76	19.78	19.88	19.88
	2 TX Slots	26.81	26.9	26.91	27.5	-6.18	20.63	20.72	20.73	**20.73**
	3 TX Slots	24.64	24.69	24.74	25.5	-4.42	20.22	20.27	20.32	20.32
	4 TX Slots	22.58	22.58	22.65	23.5	-3.17	19.41	19.41	19.48	19.48
EGPRS(8PSK)	1 TX Slot	22.47	22.58	22.63	23.5	-9.19	13.28	13.39	13.44	13.44
	2 TX Slots	20.42	20.55	20.58	21.5	-6.18	14.24	14.37	14.4	14.4
	3 TX Slots	18.32	18.45	18.5	19.5	-4.42	13.9	14.03	14.08	14.08
	4 TX Slots	16.17	16.31	16.35	17.5	-3.17	13	13.14	13.18	13.18

GSM 850 Left Head simultaneously transmit with 2.4G WIFI

Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	27.38	27.48	27.58	28	-9.19	18.19	18.29	18.39	18.81
GPRS/EGPRS (GMSK)	1 TX Slot	27.42	27.55	27.66	28	-9.19	18.23	18.36	18.47	18.81
	2 TX Slots	25.22	25.28	25.32	26	-6.18	19.04	19.1	19.14	**19.82**
	3 TX Slots	23.12	23.16	23.25	24	-4.42	18.7	18.74	18.83	19.58
	4 TX Slots	20.77	20.94	21.09	22	-3.17	17.6	17.77	17.92	18.83
EGPRS(8PSK)	1 TX Slot	21.03	21.18	21.25	22	-9.19	11.84	11.99	12.06	12.81
	2 TX Slots	18.98	19.15	19.23	20	-6.18	12.8	12.97	13.05	13.82
	3 TX Slots	16.83	17	17.05	18	-4.42	12.41	12.58	12.63	13.58
	4 TX Slots	15.25	15.35	15.36	16	-3.17	12.08	12.18	12.19	12.83

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GSM 850 Left Head simultaneously transmit with 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	25.93	26.01	26.1	26.5	-9.19	16.74	16.82	16.91	17.31
GPRS/EGPRS (GMSK)	1 TX Slot	25.96	25.94	26.02	26.5	-9.19	16.77	16.75	16.83	17.31
	2 TX Slots	23.76	23.86	23.92	24.5	-6.18	17.58	17.68	17.74	**18.32**
	3 TX Slots	21.38	21.57	21.62	22.5	-4.42	16.96	17.15	17.2	18.08
	4 TX Slots	19.58	19.57	19.6	20.5	-3.17	16.41	16.4	16.43	17.33
EGPRS(8PSK)	1 TX Slot	19.65	19.81	19.82	20.5	-9.19	10.46	10.62	10.63	11.31
	2 TX Slots	17.51	17.69	17.73	18.5	-6.18	11.33	11.51	11.55	12.32
	3 TX Slots	15.71	15.84	15.85	16.5	-4.42	11.29	11.42	11.43	12.08
	4 TX Slots	13.32	13.45	13.49	14.5	-3.17	10.15	10.28	10.32	11.33

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GSM 850 Right Head simultaneously transmit with 2.4G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	26.92	27	27.08	27.5	-9.19	17.73	17.81	17.89	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.95	27	27.1	27.5	-9.19	17.76	17.81	17.91	18.31
	2 TX Slots	24.79	24.86	24.94	25.5	-6.18	18.61	18.68	18.76	**19.32**
	3 TX Slots	22.7	22.72	22.78	23.5	-4.42	18.28	18.3	18.36	19.08
	4 TX Slots	20.35	20.48	20.52	21.5	-3.17	17.18	17.31	17.35	18.33
EGPRS(8PSK)	1 TX Slot	20.58	20.72	20.75	21.5	-9.19	11.39	11.53	11.56	12.31
	2 TX Slots	18.47	18.65	18.7	19.5	-6.18	12.29	12.47	12.52	13.32
	3 TX Slots	16.34	16.48	16.52	17.5	-4.42	11.92	12.06	12.1	13.08
	4 TX Slots	14.25	14.97	14.92	15.5	-3.17	11.08	11.8	11.75	12.33
GSM 850 Right Head simultaneously transmit with 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	25.41	25.48	25.52	26	-9.19	16.22	16.29	16.33	16.81
GPRS/EGPRS (GMSK)	1 TX Slot	25.39	25.45	25.52	26	-9.19	16.2	16.26	16.33	16.81
	2 TX Slots	23.34	23.38	23.43	24	-6.18	17.16	17.2	17.25	17.82
	3 TX Slots	20.86	20.98	21.06	22	-4.42	16.44	16.56	16.64	17.58
	4 TX Slots	19.16	19.24	19.29	20	-3.17	15.99	16.07	16.12	16.83
EGPRS(8PSK)	1 TX Slot	19.09	19.32	19.33	20	-9.19	9.9	10.13	10.14	10.81
	2 TX Slots	16.99	17.11	17.17	18	-6.18	10.81	10.93	10.99	11.82
	3 TX Slots	15.37	15.48	15.36	16	-4.42	10.95	11.06	10.94	11.58
	4 TX Slots	12.86	13	13.03	14	-3.17	9.69	9.83	9.86	10.83

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GSM 1900 full power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.63	30.66	30.67	31	-9.19	21.44	21.47	21.48	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.69	30.68	30.65	31	-9.19	21.5	21.49	21.46	21.81
	2 TX Slots	28.04	28.11	28.04	29	-6.18	21.86	21.93	21.86	**22.82**
	3 TX Slots	25.84	26.02	25.93	27	-4.42	21.42	21.6	21.51	22.58
	4 TX Slots	23.76	23.93	23.86	25	-3.17	20.59	20.76	20.69	21.83
EGPRS(8PSK)	1 TX Slot	26.2	26.18	26.35	27	-9.19	17.01	16.99	17.16	17.81
	2 TX Slots	23.82	23.8	23.92	25	-6.18	17.64	17.62	17.74	18.82
	3 TX Slots	21.45	21.52	21.54	23	-4.42	17.03	17.1	17.12	18.58
	4 TX Slots	19.19	19.21	19.28	20	-3.17	16.02	16.04	16.11	16.83
GSM 1900 Left Head reduced power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	29.00	29.15	29.09	30	-9.19	19.81	19.96	19.9	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.11	29.24	29.18	30	-9.19	19.92	20.05	19.99	20.81
	2 TX Slots	27.34	27.36	27.42	28	-6.18	21.16	21.18	21.24	**21.82**
	3 TX Slots	25.23	25.25	25.21	26	-4.42	20.81	20.83	20.79	21.58
	4 TX Slots	23.06	23.10	23.13	24	-3.17	19.89	19.93	19.96	20.83
EGPRS(8PSK)	1 TX Slot	24.8	24.88	24.95	26	-9.19	15.61	15.69	15.76	16.81
	2 TX Slots	22.61	22.59	22.71	24	-6.18	16.43	16.41	16.53	17.82
	3 TX Slots	20.57	20.56	20.71	22	-4.42	16.15	16.14	16.29	17.58
	4 TX Slots	18.46	18.45	18.56	19	-3.17	15.29	15.28	15.39	15.83
GSM 1900 Right Head reduced power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	25.45	25.55	25.50	26.5	-9.19	16.26	16.36	16.31	17.31
GPRS/EGPRS (GMSK)	1 TX Slot	25.56	25.62	25.69	26.5	-9.19	16.37	16.43	16.5	17.31
	2 TX Slots	23.8	23.77	23.77	24.5	-6.18	17.62	17.59	17.59	18.32
	3 TX Slots	21.7	21.65	21.71	22.5	-4.42	17.28	17.23	17.29	18.08
	4 TX Slots	19.97	19.96	19.93	20.5	-3.17	16.8	16.79	16.76	17.33
EGPRS(8PSK)	1 TX Slot	21.28	21.3	21.43	22.5	-9.19	12.09	12.11	12.24	13.31
	2 TX Slots	19.29	19.28	19.34	20.5	-6.18	13.11	13.1	13.16	14.32
	3 TX Slots	17.18	17.19	17.31	18.5	-4.42	12.76	12.77	12.89	14.08
	4 TX Slots	15.1	15.08	15.24	15.5	-3.17	11.93	11.91	12.07	12.33

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GSM 1900 hotspot actived for 2.4G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	27.71	27.72	27.74	28.5	-9.19	18.52	18.53	18.55	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	27.71	27.69	27.7	28.5	-9.19	18.52	18.5	18.51	19.31
	2 TX Slots	25.59	25.64	25.68	26.5	-6.18	19.41	19.46	19.5	**20.32**
	3 TX Slots	23.46	23.52	23.57	24.5	-4.42	19.04	19.1	19.15	20.08
	4 TX Slots	21.37	21.54	21.47	22.5	-3.17	18.2	18.37	18.3	19.33
EGPRS(8PSK)	1 TX Slot	23.78	24.02	24.12	24.5	-9.19	14.59	14.83	14.93	15.31
	2 TX Slots	21.51	21.62	21.74	22.5	-6.18	15.33	15.44	15.56	16.32
	3 TX Slots	19.39	19.45	19.58	20.5	-4.42	14.97	15.03	15.16	16.08
	4 TX Slots	17.2	17.31	17.38	17.5	-3.17	14.03	14.14	14.21	14.33
GSM 1900 hotspot actived for 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.17	26.16	26.22	27	-9.19	16.98	16.97	17.03	17.81
GPRS/EGPRS (GMSK)	1 TX Slot	26.11	26.23	26.19	27	-9.19	16.92	17.04	17	17.81
	2 TX Slots	23.93	24.01	24.02	25	-6.18	17.75	17.83	17.84	**18.82**
	3 TX Slots	21.81	21.86	21.85	23	-4.42	17.39	17.44	17.43	18.58
	4 TX Slots	19.95	19.83	19.93	21	-3.17	16.78	16.66	16.76	17.83
EGPRS(8PSK)	1 TX Slot	21.82	21.8	21.92	23	-9.19	12.63	12.61	12.73	13.81
	2 TX Slots	19.71	19.79	19.82	21	-6.18	13.53	13.61	13.64	14.82
	3 TX Slots	17.64	17.61	17.73	19	-4.42	13.22	13.19	13.31	14.58
	4 TX Slots	15.44	15.5	15.59	16	-3.17	12.27	12.33	12.42	12.83
GSM 1900 Body-worn simultaneously transmit with 2.4G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	27.87	27.86	27.94	28.5	-9.19	18.68	18.67	18.75	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	27.93	27.92	27.87	28.5	-9.19	18.74	18.73	18.68	19.31
	2 TX Slots	25.73	25.71	25.79	26.5	-6.18	19.55	19.53	19.61	20.32
	3 TX Slots	23.61	23.59	23.66	24.5	-4.42	19.19	19.17	19.24	20.08
	4 TX Slots	21.58	21.57	21.68	22.5	-3.17	18.41	18.4	18.51	19.33
EGPRS(8PSK)	1 TX Slot	23.16	23.19	23.33	24.5	-9.19	13.97	14	14.14	15.31
	2 TX Slots	21.63	21.66	21.82	22.5	-6.18	15.45	15.48	15.64	16.32
	3 TX Slots	19.55	19.62	19.77	20.5	-4.42	15.13	15.2	15.35	16.08
	4 TX Slots	16.96	16.97	17.11	17.5	-3.17	13.79	13.8	13.94	14.33

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GSM 1900 Body-worn simultaneously transmit with 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.41	26.39	26.42	27	-9.19	17.22	17.2	17.23	17.81
GPRS/EGPRS (GMSK)	1 TX Slot	26.43	26.39	26.43	27	-9.19	17.24	17.2	17.24	17.81
	2 TX Slots	24.4	24.41	24.37	25	-6.18	18.22	18.23	18.19	18.82
	3 TX Slots	22.22	22.27	22.28	23	-4.42	17.8	17.85	17.86	18.58
	4 TX Slots	20.19	20.25	20.27	21	-3.17	17.02	17.08	17.1	17.83
EGPRS(8PSK)	1 TX Slot	21.81	21.8	21.93	23	-9.19	12.62	12.61	12.74	13.81
	2 TX Slots	20.2	20.19	20.28	21	-6.18	14.02	14.01	14.1	14.82
	3 TX Slots	18.13	18.15	18.25	19	-4.42	13.71	13.73	13.83	14.58
	4 TX Slots	15.64	15.6	15.75	16	-3.17	12.47	12.43	12.58	12.83

GSM 1900 Left Head simultaneously transmit with 2.4G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.92	26.97	26.99	27.5	-9.19	17.73	17.78	17.8	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.95	26.96	26.93	27.5	-9.19	17.76	17.77	17.74	18.31
	2 TX Slots	24.88	24.85	24.82	25.5	-6.18	18.7	18.67	18.64	19.32
	3 TX Slots	22.75	22.74	22.77	23.5	-4.42	18.33	18.32	18.35	19.08
	4 TX Slots	20.67	20.69	20.71	21.5	-3.17	17.5	17.52	17.54	18.33
EGPRS(8PSK)	1 TX Slot	22.2	22.2	22.32	23.5	-9.19	13.01	13.01	13.13	14.31
	2 TX Slots	20.13	20.15	20.33	21.5	-6.18	13.95	13.97	14.15	15.32
	3 TX Slots	18.14	18.18	18.28	19.5	-4.42	13.72	13.76	13.86	15.08
	4 TX Slots	16.01	15.98	16.08	16.5	-3.17	12.84	12.81	12.91	13.33

GSM 1900 Left Head simultaneously transmit with 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	25.51	25.48	25.53	26	-9.19	16.32	16.29	16.34	16.81
GPRS/EGPRS (GMSK)	1 TX Slot	25.47	25.46	25.5	26	-9.19	16.28	16.27	16.31	16.81
	2 TX Slots	23.3	23.29	23.41	24	-6.18	17.12	17.11	17.23	17.82
	3 TX Slots	21.21	21.19	21.28	22	-4.42	16.79	16.77	16.86	17.58
	4 TX Slots	19.3	19.35	19.42	20	-3.17	16.13	16.18	16.25	16.83
EGPRS(8PSK)	1 TX Slot	20.84	20.82	20.96	22	-9.19	11.65	11.63	11.77	12.81
	2 TX Slots	18.79	18.75	18.9	20	-6.18	12.61	12.57	12.72	13.82
	3 TX Slots	16.65	16.62	16.81	18	-4.42	12.23	12.2	12.39	13.58
	4 TX Slots	14.66	14.65	14.72	15	-3.17	11.49	11.48	11.55	11.83

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GSM 1900 Right Head simultaneously transmit with 2.4G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	23.47	23.45	23.54	24	-9.19	14.28	14.26	14.35	14.81
GPRS/EGPRS (GMSK)	1 TX Slot	23.45	23.42	23.5	24	-9.19	14.26	14.23	14.31	14.81
	2 TX Slots	21.28	21.25	21.37	22	-6.18	15.1	15.07	15.19	15.82
	3 TX Slots	19.51	19.42	19.51	20	-4.42	15.09	15	15.09	15.58
	4 TX Slots	17.56	17.54	17.84	18	-3.17	14.39	14.37	14.67	14.83
EGPRS(8PSK)	1 TX Slot	18.88	18.91	19.02	20	-9.19	9.69	9.72	9.83	10.81
	2 TX Slots	16.83	16.81	16.94	18	-6.18	10.65	10.63	10.76	11.82
	3 TX Slots	14.79	14.81	14.91	16	-4.42	10.37	10.39	10.49	11.58
	4 TX Slots	12.1	12.54	12.31	13	-3.17	10.83	10.81	11.03	9.83
GSM 1900 Right Head simultaneously transmit with 5G WIFI										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	21.9	21.91	21.89	22.5	-9.19	12.71	12.72	12.7	13.31
GPRS/EGPRS (GMSK)	1 TX Slot	21.9	21.87	21.93	22.5	-9.19	12.71	12.68	12.74	13.31
	2 TX Slots	20.1	20.08	20.19	20.5	-6.18	13.92	13.9	14.01	14.32
	3 TX Slots	18.03	18	18.06	18.5	-4.42	13.61	13.58	13.64	14.08
	4 TX Slots	15.84	15.75	15.93	16.5	-3.17	12.67	12.58	12.76	13.33
EGPRS(8PSK)	1 TX Slot	17.43	17.48	17.58	18.5	-9.19	8.24	8.29	8.39	9.31
	2 TX Slots	15.49	15.47	15.52	16.5	-6.18	9.31	9.29	9.34	10.32
	3 TX Slots	12.96	12.9	13.06	14.5	-4.42	8.54	8.48	8.64	10.08
	4 TX Slots	10.24	11.05	11.18	11.5	-3.17	8.52	9.27	9.53	8.33

Table 14： Conducted Power Of GSM

Note:

1）. CMU200 measures GSM peak and average output power for active timeslots. For SAR the time based average power is relevant. The difference in between depends on the duty cycle of the TDMA signal:

No. of timeslots	1	2	3	4
Duty Cycle	1:8.3	1:4.15	1:2.77	1:2.075
Time based avg. power compared to slotted avg. power	-9.19	-6.18	-4.42	-3.17

2）. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:
Frame-averaged power = 10 x log (Burst-averaged power mW x Slot used / 8

3）. When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used

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8.1.2.2 Conducted Power Of WCDMA

WCDMA Band II full power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.43	23.49	23.46	23.5
	12.2kbps AMR	23.41	23.46	23.44	23.5
HSDPA	Subtest 1	23.15	23.21	23.2	23.5
	Subtest 2	22.82	22.93	22.89	23.5
	Subtest 3	21.57	21.63	21.59	22.5
	Subtest 4	21.71	21.88	21.84	22.5
HSUPA	Subtest 1	21.01	21.06	21.11	22
	Subtest 2	18.23	18.18	18.25	19.5
	Subtest 3	19.21	19.13	18.93	20.5
	Subtest 4	18.12	18.23	18.97	19.5
	Subtest 5	20.88	20.79	20.82	22
DC-HSDPA	Subtest 1	22.84	22.92	22.96	23.5
	Subtest 2	22.79	22.97	22.94	23.5
	Subtest 3	21.47	21.51	21.32	22.5
	Subtest 4	21.37	21.4	21.37	22.5
WCDMA Band II Left Head reduced power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.80	21.72	21.70	22
	12.2kbps AMR	21.78	21.7	21.68	22
HSDPA	Subtest 1	21.79	21.68	21.65	22
	Subtest 2	21.71	21.53	21.68	22
	Subtest 3	20.66	20.65	20.48	21
	Subtest 4	20.62	20.66	20.51	21
HSUPA	Subtest 1	20.42	20.33	20.28	20.5
	Subtest 2	17.31	17.41	17.32	18
	Subtest 3	18.98	18.88	18.79	19
	Subtest 4	17.28	17.08	17.25	18
	Subtest 5	19.73	19.58	19.81	20.5
DC-HSDPA	Subtest 1	21.39	21.3	21.25	22
	Subtest 2	21.33	21.38	21.3	22
	Subtest 3	20.91	20.85	20.77	21
	Subtest 4	20.29	20.09	20.26	21

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WCDMA Band II Right Head reduced power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.70	17.84	17.65	18
	12.2kbps AMR	17.67	17.81	17.63	18
HSDPA	Subtest 1	17.63	17.71	17.54	18
	Subtest 2	17.79	17.73	17.67	18
	Subtest 3	16.59	16.43	16.56	17
	Subtest 4	16.82	16.44	16.45	17
HSUPA	Subtest 1	15.78	15.64	15.69	16.5
	Subtest 2	13.83	13.38	13.05	14
	Subtest 3	14.59	14.53	14.62	15
	Subtest 4	13.64	13.63	13.59	14
	Subtest 5	16.27	16.12	16.06	16.5
DC-HSDPA	Subtest 1	17.53	17.73	17.41	18
	Subtest 2	17.89	17.68	17.76	18
	Subtest 3	16.58	16.56	16.32	17
	Subtest 4	16.22	16.48	16.19	17
WCDMA Band II hotspot actived for 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.94	20.94	20.98	21
	12.2kbps AMR	20.91	20.92	20.97	21
HSDPA	Subtest 1	20.46	20.43	20.39	21
	Subtest 2	20.52	20.49	20.31	21
	Subtest 3	19.14	19.07	19.09	20
	Subtest 4	19.15	19.03	19.06	20
HSUPA	Subtest 1	18.53	18.61	18.49	19.5
	Subtest 2	16.57	16.59	16.5	17
	Subtest 3	17.78	17.64	17.69	18
	Subtest 4	16.83	16.38	16.05	17
	Subtest 5	17.79	17.83	17.62	19.5
DC-HSDPA	Subtest 1	20.52	20.55	20.43	21
	Subtest 2	20.47	20.4	20.36	21
	Subtest 3	19.03	19.02	19.05	20
	Subtest 4	19.12	18.93	18.96	20

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WCDMA Band II hotspot actived for 5G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.44	19.48	19.49	19.5
	12.2kbps AMR	19.42	19.47	19.47	19.5
HSDPA	Subtest 1	19.41	19.36	19.48	19.5
	Subtest 2	19.38	19.42	19.46	19.5
	Subtest 3	18.36	18.31	18.37	18.5
	Subtest 4	18.16	18.31	18.07	18.5
HSUPA	Subtest 1	17.76	17.61	17.27	18
	Subtest 2	14.96	15.01	15.42	15.5
	Subtest 3	16.38	16.46	16.14	16.5
	Subtest 4	14.84	14.96	14.98	15.5
	Subtest 5	17.69	17.93	17.83	18
DC-HSDPA	Subtest 1	19.43	19.46	19.4	19.5
	Subtest 2	19.4	19.21	19.37	19.5
	Subtest 3	18.13	18.46	18.32	18.5
	Subtest 4	17.93	18.02	18.18	18.5
WCDMA Band II Body-worn simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.96	20.89	20.81	21
	12.2kbps AMR	20.93	20.88	20.8	21
HSDPA	Subtest 1	20.61	20.76	20.52	21
	Subtest 2	20.23	20.80	20.57	21
	Subtest 3	19.59	19.62	19.48	20
	Subtest 4	19.38	19.13	19.32	20
HSUPA	Subtest 1	19.33	19.39	19.28	19.5
	Subtest 2	16.86	16.78	16.9	17
	Subtest 3	17.53	17.73	17.41	18
	Subtest 4	16.9	16.77	16.59	17
	Subtest 5	18.34	18.38	18.34	19.5
DC-HSDPA	Subtest 1	20.68	20.88	20.19	21
	Subtest 2	20.47	20.51	20.69	21
	Subtest 3	19.63	19.62	19.48	20
	Subtest 4	19.85	19.33	19.31	20

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WCDMA Band II Body-worn simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.41	19.32	19.37	19.5
	12.2kbps AMR	19.4	19.29	19.34	19.5
HSDPA	Subtest 1	19.31	19.43	19.42	19.5
	Subtest 2	19.44	19.18	19.25	19.5
	Subtest 3	18.49	18.33	18.47	18.5
	Subtest 4	18.49	18.42	18.13	18.5
HSUPA	Subtest 1	17.45	17.31	17.82	18
	Subtest 2	15.21	15.31	15.34	15.5
	Subtest 3	16.33	16.17	16.01	16.5
	Subtest 4	15.29	15.32	15.37	15.5
	Subtest 5	17.56	17.5	17.66	18
DC-HSDPA	Subtest 1	19.28	19.24	19.11	19.5
	Subtest 2	19.13	19.31	19.22	19.5
	Subtest 3	18.18	18.22	18.17	18.5
	Subtest 4	18.04	18.06	18.15	18.5
WCDMA Band II Left Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.27	19.22	19.2	19.5
	12.2kbps AMR	19.26	19.21	19.17	19.5
HSDPA	Subtest 1	18.95	19.05	19.09	19.5
	Subtest 2	18.82	18.99	18.95	19.5
	Subtest 3	18.03	18.43	18.40	18.5
	Subtest 4	18.06	18.04	18.02	18.5
HSUPA	Subtest 1	17.38	17.14	17.41	18
	Subtest 2	15.23	15.19	14.52	15.5
	Subtest 3	16.43	16.47	16.4	16.5
	Subtest 4	15.25	15.2	15.19	15.5
	Subtest 5	17.21	17.16	17.1	18
DC-HSDPA	Subtest 1	18.85	19.13	19.13	19.5
	Subtest 2	18.50	19.04	18.90	19.5
	Subtest 3	18.32	18.18	18.04	18.5
	Subtest 4	18.39	18.01	18.23	18.5

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WCDMA Band II Left Head simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.91	17.83	17.82	18
	12.2kbps AMR	17.88	17.82	17.79	18
HSDPA	Subtest 1	17.85	17.53	17.55	18
	Subtest 2	17.42	17.52	17.92	18
	Subtest 3	16.47	16.64	16.11	17
	Subtest 4	16.41	16.56	16.62	17
HSUPA	Subtest 1	16.36	16.18	16.34	16.5
	Subtest 2	13.82	13.81	13.33	14
	Subtest 3	14.47	14.33	14.45	15
	Subtest 4	13.52	13.36	13.31	14
	Subtest 5	16.28	16.33	16.23	16.5
DC-HSDPA	Subtest 1	17.6	17.8	17.33	18
	Subtest 2	17.66	17.79	17.43	18
	Subtest 3	16.38	16.92	16.5	17
	Subtest 4	16.24	16.4	16.89	17
WCDMA Band II Right Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.21	15.25	15.23	15.5
	12.2kbps AMR	15.19	15.23	15.22	15.5
HSDPA	Subtest 1	15.25	15.25	15.38	15.5
	Subtest 2	15.23	15.27	15.37	15.5
	Subtest 3	14.30	14.25	14.13	14.5
	Subtest 4	14.13	14.16	14.13	14.5
HSUPA	Subtest 1	13.55	13.55	13.53	14
	Subtest 2	10.62	10.56	10.56	11.5
	Subtest 3	11.62	11.54	11.54	12.5
	Subtest 4	10.63	10.58	10.55	11.5
	Subtest 5	13.57	13.54	13.53	14
DC-HSDPA	Subtest 1	15.13	15.24	15.34	15.5
	Subtest 2	15.41	15.38	15.16	15.5
	Subtest 3	14.39	14.34	14.32	14.5
	Subtest 4	14.19	14.33	14.31	14.5

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WCDMA Band II Right Head simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	13.86	13.68	13.66	14
	12.2kbps AMR	13.83	13.67	13.65	14
HSDPA	Subtest 1	13.98	13.87	13.94	14
	Subtest 2	13.12	13.06	13.01	14
	Subtest 3	12.08	12.07	12.01	13
	Subtest 4	12.08	12.05	12.05	13
HSUPA	Subtest 1	12.11	12.07	12.07	12.5
	Subtest 2	9.14	9.09	9.07	10
	Subtest 3	10.1	10.03	10.05	11
	Subtest 4	9.29	9.24	9.23	10
	Subtest 5	12.41	12.39	12.35	12.5
DC-HSDPA	Subtest 1	13.37	13.24	13.26	14
	Subtest 2	13.11	13.29	13.04	14
	Subtest 3	12.1	12.01	12.03	13
	Subtest 4	12.08	12.09	12.08	13

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WCDMA Band IV full power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.72	23.70	23.82	24
	12.2kbps AMR	23.69	23.69	23.8	24
HSDPA	Subtest 1	23.21	23.35	23.29	24
	Subtest 2	23.21	23.35	23.28	24
	Subtest 3	22.70	22.85	22.75	23
	Subtest 4	22.71	22.85	22.75	23
HSUPA	Subtest 1	22.01	22.32	21.96	22.5
	Subtest 2	19.09	19.27	18.97	20
	Subtest 3	19.92	20.12	20.70	21
	Subtest 4	19.09	19.26	19.44	20
	Subtest 5	21.80	21.90	21.80	22.5
DC-HSDPA	Subtest 1	23.06	23.13	23.18	24
	Subtest 2	23.28	23.39	23.37	24
	Subtest 3	22.85	22.64	22.52	23
	Subtest 4	22.76	22.45	22.82	23
WCDMA Band IV Left Head reduced power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.53	18.52	18.51	19
	12.2kbps AMR	18.52	18.49	18.48	19
HSDPA	Subtest 1	18.32	18.38	18.38	19
	Subtest 2	18.27	18.29	18.3	19
	Subtest 3	17.71	17.87	17.71	18
	Subtest 4	17.57	17.44	17.47	18
HSUPA	Subtest 1	16.83	16.84	16.81	17
	Subtest 2	14.42	14.33	14.33	15
	Subtest 3	15.32	15.31	15.48	16
	Subtest 4	14.19	14.33	14.31	15
	Subtest 5	15.95	15.8	15.77	16.5
DC-HSDPA	Subtest 1	18.35	18.38	18.43	19
	Subtest 2	18.27	18.32	18.38	19
	Subtest 3	17.52	17.52	17.51	18
	Subtest 4	17.45	17.55	17.49	18

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WWCDMA Band IV Right Head reduced power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.06	16.25	16.36	16.5
	12.2kbps AMR	16.03	16.22	16.35	16.5
HSDPA	Subtest 1	16.16	16.24	16.05	16.5
	Subtest 2	16.21	16.17	16.24	16.5
	Subtest 3	15.04	15.07	15.03	15.5
	Subtest 4	14.97	14.91	15.05	15.5
HSUPA	Subtest 1	14.92	14.96	14.88	15
	Subtest 2	11.72	11.86	11.91	12.5
	Subtest 3	13.10	12.99	12.96	13.5
	Subtest 4	11.91	11.96	11.89	12.5
	Subtest 5	14.91	14.88	14.83	15
DC-HSDPA	Subtest 1	16.14	16.18	16.02	16.5
	Subtest 2	16.09	16.16	16.14	16.5
	Subtest 3	14.99	14.89	14.93	15.5
	Subtest 4	15.07	15.1	15.15	15.5
WCDMA Band IV hotspot actived for 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.04	21.05	21.07	21.5
	12.2kbps AMR	21.02	21.02	21.05	21.5
HSDPA	Subtest 1	21.19	21.34	21.12	21.5
	Subtest 2	21.21	21.26	21.23	21.5
	Subtest 3	20.25	20.12	20.15	20.5
	Subtest 4	20.19	20.06	20.16	20.5
HSUPA	Subtest 1	19.57	19.64	19.55	20
	Subtest 2	17.30	17.27	17.32	17.5
	Subtest 3	18.32	18.26	18.14	18.5
	Subtest 4	17.28	17.28	17.25	17.5
	Subtest 5	19.61	19.57	19.56	20
DC-HSDPA	Subtest 1	21.08	21.05	21.05	21.5
	Subtest 2	21.12	21.01	21.14	21.5
	Subtest 3	20.21	20.18	20.33	20.5
	Subtest 4	20.05	20.16	20.12	20.5

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WCDMA Band IV hotspot actived for 5G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.54	19.52	19.5	20
	12.2kbps AMR	19.51	19.51	19.49	20
HSDPA	Subtest 1	19.34	19.22	19.16	20
	Subtest 2	19.39	19.21	19.13	20
	Subtest 3	18.78	18.79	18.52	19
	Subtest 4	18.60	18.43	18.61	19
HSUPA	Subtest 1	18.25	18.29	18.27	18.5
	Subtest 2	15.61	15.6	15.53	16
	Subtest 3	16.42	16.33	16.33	17
	Subtest 4	15.77	15.81	15.78	16
	Subtest 5	18.22	18.05	18.28	18.5
DC-HSDPA	Subtest 1	19.31	19.30	19.54	20
	Subtest 2	19.33	19.26	19.59	20
	Subtest 3	18.72	18.54	18.50	19
	Subtest 4	18.73	18.64	18.43	19
WCDMA Band IV Body-worn simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.03	21.05	21.02	21.5
	12.2kbps AMR	21	21.04	20.99	21.5
HSDPA	Subtest 1	20.72	21.04	20.83	21.5
	Subtest 2	20.64	21.02	20.98	21.5
	Subtest 3	19.96	20.09	19.85	20.5
	Subtest 4	19.75	20.14	19.89	20.5
HSUPA	Subtest 1	19.05	19.16	19.29	20
	Subtest 2	16.51	16.52	16.54	17.5
	Subtest 3	17.48	17.46	17.44	18.5
	Subtest 4	17.18	17.13	17.12	17.5
	Subtest 5	17.32	17.30	17.31	19
DC-HSDPA	Subtest 1	20.78	20.68	20.73	21.5
	Subtest 2	20.89	20.83	20.81	21.5
	Subtest 3	19	19.89	19.92	20.5
	Subtest 4	19.98	19.92	19.92	20.5

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WCDMA Band IV Body-worn simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.53	19.49	19.48	20
	12.2kbps AMR	19.52	19.48	19.45	20
HSDPA	Subtest 1	19.25	19.16	19.14	20
	Subtest 2	19.25	19.28	19.24	20
	Subtest 3	18.68	18.64	18.57	19
	Subtest 4	18.26	18.35	18.22	19
HSUPA	Subtest 1	17.95	17.81	17.96	18.5
	Subtest 2	15.3	15.61	15.44	16
	Subtest 3	16.38	16.07	16.21	17
	Subtest 4	15.58	15.48	15.39	16
	Subtest 5	17.56	17.5	17.66	18.5
DC-HSDPA	Subtest 1	19.38	19.14	19.41	20
	Subtest 2	19.53	19.39	19.52	20
	Subtest 3	18.28	18.25	18.28	19
	Subtest 4	18.25	18.21	18.25	19
WCDMA Band IV Left Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.41	15.48	16.33	16.5
	12.2kbps AMR	16.4	15.47	16.3	16.5
HSDPA	Subtest 1	15.84	15.68	15.27	16.5
	Subtest 2	15.04	15	15.06	16.5
	Subtest 3	14.66	14.67	14.75	15.5
	Subtest 4	14.34	14.75	14.57	15.5
HSUPA	Subtest 1	14.56	14.92	14.92	15
	Subtest 2	11.86	12.18	11.98	12.5
	Subtest 3	12.82	12.83	12.7	13.5
	Subtest 4	11.06	11.73	12.12	12.5
	Subtest 5	14.53	14.62	14.54	15
DC-HSDPA	Subtest 1	15.24	15.81	15.46	16.5
	Subtest 2	15.24	15.91	15.55	16.5
	Subtest 3	14.83	14.89	14.62	15.5
	Subtest 4	14.83	14.92	14.94	15.5

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WCDMA Band IV Left Head simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.97	14.22	14.91	15
	12.2kbps AMR	14.95	14.19	14.9	15
HSDPA	Subtest 1	14.41	14.31	14.44	15
	Subtest 2	14.7	14.53	14.33	15
	Subtest 3	13.29	13.27	13.28	14
	Subtest 4	13.26	13.28	13.44	14
HSUPA	Subtest 1	12.76	12.84	12.64	13.5
	Subtest 2	10.62	10.76	10.56	11
	Subtest 3	11.18	11.37	11.54	12
	Subtest 4	10.62	10.72	10.38	11
	Subtest 5	12.86	12.81	12.74	13.5
DC-HSDPA	Subtest 1	14.46	14.39	14.48	15
	Subtest 2	14.38	14.41	14.33	15
	Subtest 3	13.3	13.25	13.25	14
	Subtest 4	13.29	13.43	13.3	14
WCDMA Band IV Right Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	13.85	13.06	13.87	14
	12.2kbps AMR	13.84	13.03	13.84	14
HSDPA	Subtest 1	13.39	13.44	13.78	14
	Subtest 2	13.35	13.56	13.63	14
	Subtest 3	12.25	12.31	12.71	13
	Subtest 4	12.32	12.3	12.7	13
HSUPA	Subtest 1	11.21	11.79	11.74	12.5
	Subtest 2	9.53	9.48	9.06	10
	Subtest 3	10.55	10.77	10.44	11
	Subtest 4	9.39	9.22	9.16	10
	Subtest 5	11.55	11.63	11.34	12.5
DC-HSDPA	Subtest 1	13.33	13.51	13.65	14
	Subtest 2	13.42	13.41	13.79	14
	Subtest 3	12.37	12.39	12.73	13
	Subtest 4	12.28	12.23	12.69	13

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WCDMA Band IV Right Head simultaneously transmit with 5G WIFI					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	12.47	11.76	12.42	12.5
	12.2kbps AMR	12.45	11.75	12.39	12.5
HSDPA	Subtest 1	11.49	11.47	11.74	12.5
	Subtest 2	11.21	11.38	11.82	12.5
	Subtest 3	10.13	10.06	10.55	11.5
	Subtest 4	10.16	10.12	10.53	11.5
HSUPA	Subtest 1	10.46	10.47	10.51	11
	Subtest 2	8.05	8.15	8.41	8.5
	Subtest 3	8.46	8.52	8.59	9.5
	Subtest 4	7.33	7.75	7.96	8.5
	Subtest 5	10.53	10.92	10.89	11
DC-HSDPA	Subtest 1	11.54	11.38	11.65	12.5
	Subtest 2	11.11	11.24	11.35	12.5
	Subtest 3	10.2	10.25	10.15	11.5
	Subtest 4	10.06	10.02	10.23	11.5

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WCDMA Band V full power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.74	23.84	23.66	24
	12.2kbps AMR	23.73	23.82	23.64	24
HSDPA	Subtest 1	22.42	22.21	22.24	23
	Subtest 2	22.41	22.1	22.24	23
	Subtest 3	22.43	22.01	22.27	22.5
	Subtest 4	22.4	21.98	22.2	22.5
HSUPA	Subtest 1	21.25	21.48	21.23	21.5
	Subtest 2	19.04	19.25	19.32	19.5
	Subtest 3	20.24	20.06	20.23	20.5
	Subtest 4	18.45	18.32	18.3	19.5
	Subtest 5	21.47	21.16	21.31	22
DC-HSDPA	Subtest 1	22.35	22.22	21.98	23
	Subtest 2	22.19	21.91	22.09	23
	Subtest 3	22.05	21.96	22.02	22.5
	Subtest 4	22.02	22.02	22.05	22.5
WCDMA Band V Left Head reduced power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.71	19.2	19.9	20
	12.2kbps AMR	19.68	19.17	19.88	20
HSDPA	Subtest 1	18.32	18.51	18.48	19
	Subtest 2	18.57	18.53	18.51	19
	Subtest 3	17.48	17.54	17.5	18.5
	Subtest 4	17.55	17.59	17.51	18.5
HSUPA	Subtest 1	16.55	16.54	16.48	17.5
	Subtest 2	15.31	15.26	15.33	15.5
	Subtest 3	15.48	15.53	15.48	16.5
	Subtest 4	15.09	15.14	15.11	15.5
	Subtest 5	17.95	17.8	17.77	18
DC-HSDPA	Subtest 1	18.77	18.81	18.78	19
	Subtest 2	18.46	18.53	18.48	19
	Subtest 3	17.47	17.11	17.4	18.5
	Subtest 4	17.51	17.52	17.54	18.5

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WCDMA Band V Right Head reduced power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.14	18.75	19.35	19.5
	12.2kbps AMR	19.11	18.72	19.34	19.5
HSDPA	Subtest 1	17.56	17.51	17.33	18.5
	Subtest 2	17.48	17.59	17.49	18.5
	Subtest 3	17.5	17.45	17.52	18
	Subtest 4	17.51	17.51	17.52	18
HSUPA	Subtest 1	16.57	16.52	16.51	17
	Subtest 2	14.44	14.53	14.55	15
	Subtest 3	15.6	15.47	15.5	16
	Subtest 4	14.78	14.53	14.86	15
	Subtest 5	16.4	16.97	16.43	17.5
DC-HSDPA	Subtest 1	17.57	17.61	17.75	18.5
	Subtest 2	17.51	17.46	17.44	18.5
	Subtest 3	17.52	17.46	17.42	18
	Subtest 4	17.42	17.48	16.47	18
WCDMA Band V hotspot actived for 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.2	20.7	21.28	21.5
	12.2kbps AMR	21.17	20.68	21.26	21.5
HSDPA	Subtest 1	19.24	19.43	19.10	20.5
	Subtest 2	19.25	19.22	19.30	20.5
	Subtest 3	18.92	19.14	19.39	20
	Subtest 4	19.33	19.39	19.28	20
HSUPA	Subtest 1	18.23	18.34	18.09	19
	Subtest 2	16.60	16.96	16.77	17
	Subtest 3	17.48	17.43	17.41	17.5
	Subtest 4	16.91	16.41	16.04	17
	Subtest 5	19.19	19.38	18.83	19.5
DC-HSDPA	Subtest 1	19.06	19.22	19.39	20.5
	Subtest 2	19.21	19.11	19.36	20.5
	Subtest 3	19.13	19.12	19.35	20
	Subtest 4	19.05	19.05	19.36	20

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WCDMA Band V hotspot actived for 5G WIFI					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.74	19.32	19.86	20
	12.2kbps AMR	19.71	19.29	19.84	20
HSDPA	Subtest 1	18.56	18.39	18.2	19
	Subtest 2	18.64	18.04	18.12	19
	Subtest 3	17.95	17.15	17.09	18.5
	Subtest 4	18.16	18.13	17.56	18.5
HSUPA	Subtest 1	17.22	17.49	17.21	17.5
	Subtest 2	14.57	14.47	14.16	15.5
	Subtest 3	15.87	16.02	15.89	16.5
	Subtest 4	14.91	15.4	14.87	15.5
	Subtest 5	17.63	17.89	17.94	18
DC-HSDPA	Subtest 1	18.88	18.89	18.47	19
	Subtest 2	18.77	18.78	18.82	19
	Subtest 3	17.92	17.46	17.81	18.5
	Subtest 4	17.58	17.92	17.77	18.5
WCDMA Band V Body-worn simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.05	21.14	21.11	21.5
	12.2kbps AMR	21.04	21.12	21.09	21.5
HSDPA	Subtest 1	19.19	19.57	19.92	20.5
	Subtest 2	19.35	19.58	19.24	20.5
	Subtest 3	19.66	19.8	19.73	20
	Subtest 4	19.47	19.71	19.8	20
HSUPA	Subtest 1	18.02	18.37	18.44	19
	Subtest 2	16.58	16.77	16.79	17
	Subtest 3	17.47	17.46	17.48	17.5
	Subtest 4	16.17	16.64	16.58	17
	Subtest 5	19.43	19.35	19.45	19.5
DC-HSDPA	Subtest 1	19.11	19.57	19.55	20.5
	Subtest 2	19.32	19.35	19.14	20.5
	Subtest 3	19.23	19.53	19.42	20
	Subtest 4	18.97	19.3	19.3	20

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WCDMA Band V Body-worn simultaneously transmit with 5G WIFI					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.52	19.64	19.62	20
	12.2kbps AMR	19.51	19.61	19.61	20
HSDPA	Subtest 1	18.56	18.32	18.26	19
	Subtest 2	18.93	18.55	18.54	19
	Subtest 3	17.59	17.63	17.29	18.5
	Subtest 4	18.15	17.77	17.46	18.5
HSUPA	Subtest 1	17.13	16.63	17.09	17.5
	Subtest 2	14.58	15.46	15.31	15.5
	Subtest 3	16.19	16.05	16.33	16.5
	Subtest 4	14.75	15.38	15.2	15.5
	Subtest 5	17.28	17.44	17.41	18
DC-HSDPA	Subtest 1	18.96	18.57	18.03	19
	Subtest 2	18.65	18.41	18.15	19
	Subtest 3	17.65	18.18	17.34	18.5
	Subtest 4	17.95	17.24	17.31	18.5
WCDMA Band V Left Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	17.01	17.13	17.07	17.5
	12.2kbps AMR	16.99	17.1	17.05	17.5
HSDPA	Subtest 1	16.27	16.11	16.15	16.5
	Subtest 2	16.23	16.06	16.14	16.5
	Subtest 3	15.29	15.45	15.27	16
	Subtest 4	15.33	15.36	15.29	16
HSUPA	Subtest 1	14.46	14.4	14.72	15
	Subtest 2	12.21	12.4	12.32	13
	Subtest 3	13.35	13.06	13.73	14
	Subtest 4	12.25	12.34	12.66	13
	Subtest 5	15.3	15.36	15.13	15.5
DC-HSDPA	Subtest 1	16.22	16.31	16.16	16.5
	Subtest 2	16	16.42	16.41	16.5
	Subtest 3	15.55	15.07	15.55	16
	Subtest 4	15.88	15.96	15.07	16

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WCDMA Band V Left Head simultaneously transmit with 5G WIFI					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	15.75	15.36	15.56	16
	12.2kbps AMR	15.74	15.35	15.54	16
HSDPA	Subtest 1	14.66	14.63	14.76	15
	Subtest 2	14.59	14.76	14.38	15
	Subtest 3	14.22	14.36	14.11	14.5
	Subtest 4	14.12	14.17	14.14	14.5
HSUPA	Subtest 1	13.16	13.21	13.41	13.5
	Subtest 2	11.02	11.02	11.23	11.5
	Subtest 3	11.95	12.06	11.97	12.5
	Subtest 4	10.83	10.93	11.06	11.5
	Subtest 5	13.6	13.15	13.12	14
DC-HSDPA	Subtest 1	14.7	14.15	14.26	15
	Subtest 2	14.79	14.14	14.2	15
	Subtest 3	13.88	14.04	14.25	14.5
	Subtest 4	13.76	14.08	14.14	14.5
WCDMA Band V Right Head simultaneously transmit with 2.4G WIFI					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.53	16.61	16.59	17.5
	12.2kbps AMR	16.51	16.58	16.56	17.5
HSDPA	Subtest 1	15.63	15.86	15.95	16.5
	Subtest 2	15.69	15.88	15.57	16.5
	Subtest 3	14.87	14.55	14.72	16
	Subtest 4	14.45	14.56	14.31	16
HSUPA	Subtest 1	13.51	13.57	13.56	14.5
	Subtest 2	11.55	11.34	11.51	12.5
	Subtest 3	13.24	13.23	13.1	13.5
	Subtest 4	12.02	12.03	12.07	12.5
	Subtest 5	14.09	14.54	14.46	15.5
DC-HSDPA	Subtest 1	15.56	15.73	15.68	16.5
	Subtest 2	15.86	15.7	15.96	16.5
	Subtest 3	15.08	15.19	15.13	16
	Subtest 4	15.28	15.13	15.14	16

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WCDMA Band V Right Head simultaneously transmit with 5G WIFI					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	15.24	14.86	15.49	15.5
	12.2kbps AMR	15.22	14.83	15.46	15.5
HSDPA	Subtest 1	14.02	14.3	14.23	14.5
	Subtest 2	14.14	14.05	14.22	14.5
	Subtest 3	13.91	13.97	13.07	14
	Subtest 4	13.88	13.86	13.04	14
HSUPA	Subtest 1	12.77	12.91	12.61	13
	Subtest 2	10.96	10.74	10.63	11
	Subtest 3	11.42	11.3	11.11	12
	Subtest 4	10.13	10.67	10.99	11
	Subtest 5	12.92	13.34	12.95	13.5
DC-HSDPA	Subtest 1	13.98	13.77	13.76	14.5
	Subtest 2	14.01	13.9	13.8	14.5
	Subtest 3	13.95	13.71	13.83	14
	Subtest 4	13.79	13.9	13.08	14

Table 15： Conducted Power Of WCDMA

Note:

1) when the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.

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8.1.2.3 Conducted Power Of LTE

LTE Band 2 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.05	23.12	23.46	24.5
		1	2	23.32	23.26	23.67	24.5
		1	5	23.25	23.26	23.65	24.5
		3	0	23.39	23.18	23.52	24.5
		3	2	23.38	23.29	23.61	24.5
		3	3	23.37	23.33	23.62	24.5
		6	0	22.04	22.25	22.53	23.5
	16QAM	1	0	21.86	22.35	22.38	23.5
		1	2	22.06	22.29	22.59	23.5
		1	5	22.01	22.27	22.61	23.5
		3	0	22.08	22.29	22.48	23.5
		3	2	22.10	22.42	22.55	23.5
		3	3	22.08	22.43	22.63	23.5
		6	0	21.29	21.29	21.39	22.5
	64QAM	1	0	21.71	22.68	21.75	23
		1	2	21.47	22.08	21.42	23
		1	5	21.67	22.61	21.95	23
		3	0	20.49	21.43	20.52	23
		3	2	20.46	21.43	20.59	23
		3	3	20.45	21.47	20.58	23
		6	0	20.5	20.77	20.6	22
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23.63	23.28	23.05	24.5
		1	7	23.77	23.49	23.74	24.5
		1	14	23.61	23.27	23.88	24.5
		8	0	22.39	22.43	21.81	23.5
		8	4	22.33	22.39	22.39	23.5
		8	7	22.41	22.33	22.56	23.5
		15	0	22.28	22.25	22.33	23.5
	16QAM	1	0	22.37	22.45	21.82	23.5
		1	7	22.48	22.58	22.45	23.5
		1	14	22.42	22.36	22.56	23.5
		8	0	21.55	21.44	21.46	22.5
		8	4	21.53	21.55	21.70	22.5
		8	7	21.57	21.61	21.81	22.5
		15	0	21.46	21.33	21.56	22.5
	64QAM	1	0	21.67	22.64	21.71	23
		1	7	21.44	22.05	21.36	23
		1	14	21.66	22.58	21.93	23
		8	0	21.69	21.41	21.71	22
		8	4	21.47	21.39	21.37	22
		8	7	21.68	21.41	21.93	22
		15	0	20.44	20.9	20.54	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.78	23.50	22.97	24.5
		1	13	23.85	23.51	23.10	24.5
		1	24	23.32	23.33	23.81	24.5
		12	0	22.48	22.47	21.89	23.5
		12	6	22.51	22.53	21.96	23.5
		12	13	22.36	22.47	22.35	23.5
		25	0	22.48	22.43	22.14	23.5
	16QAM	1	0	22.49	22.44	21.91	23.5
		1	13	22.62	22.53	22.07	23.5
		1	24	22.26	22.32	22.67	23.5
		12	0	21.56	21.80	21.23	22.5
		12	6	21.59	21.52	21.30	22.5
		12	13	21.52	21.52	21.67	22.5
		25	0	21.56	21.45	21.41	22.5
	64QAM	1	0	21.67	22.72	21.73	23
		1	13	21.48	22.11	21.41	23
		1	24	21.7	22.58	21.95	23
		12	0	20.52	21.43	20.52	22
		12	6	20.5	21.41	20.55	22
		12	13	20.47	21.47	20.59	22
		25	0	20.47	20.79	20.61	22

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.73	23.67	22.87	24.5
		1	25	23.36	23.45	23.01	24.5
		1	49	22.94	23.34	23.58	24.5
		25	0	22.42	22.38	22.03	23.5
		25	13	22.25	22.44	21.78	23.5
		25	25	21.98	22.29	21.92	23.5
		50	0	22.38	22.48	21.89	23.5
	16QAM	1	0	22.62	22.62	21.86	23.5
		1	25	22.38	22.67	21.79	23.5
		1	49	21.83	22.44	22.25	23.5
		25	0	21.58	21.69	21.37	22.5
		25	13	21.47	21.48	21.06	22.5
		25	25	21.22	21.32	21.26	22.5
		50	0	21.47	21.49	21.21	22.5
	64QAM	1	0	21.68	22.65	21.69	23
		1	25	21.46	22.06	21.36	23
		1	49	21.68	22.56	21.94	23
		25	0	20.45	21.42	20.5	22
		25	13	20.44	21.38	20.55	22
		25	25	20.43	21.42	20.56	22
		50	0	20.47	20.89	20.53	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.85	23.55	23.16	24.5
		1	38	23.62	23.46	22.98	24.5
		1	74	22.80	23.72	23.59	24.5
		36	0	22.47	22.27	22.03	23.5
		36	18	22.22	22.42	21.95	23.5
		36	39	21.76	22.76	21.81	23.5
		75	0	22.22	22.68	22.40	23.5
	16QAM	1	0	22.64	22.60	22.25	23.5
		1	38	22.36	22.71	22.16	23.5
		1	74	21.65	22.53	22.54	23.5
		36	0	21.65	21.57	21.16	22.5
		36	18	21.43	21.42	21.04	22.5
		36	39	20.98	21.76	21.14	22.5
		75	0	21.37	21.67	21.38	22.5
	64QAM	1	0	21.71	22.69	21.74	23
		1	38	21.49	22.08	21.39	23
		1	74	21.7	22.61	21.98	23
		36	0	20.49	21.44	20.53	22
		36	18	20.48	21.42	20.59	22
		36	39	20.46	21.44	20.58	22
		75	0	20.49	20.92	20.57	22

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.71	23.52	24.12	24.5
		1	50	23.18	23.49	22.86	24.5
		1	99	23.14	24.27	23.87	24.5
		50	0	22.60	22.39	22.37	23.5
		50	25	22.17	22.54	22.15	23.5
		50	50	22.32	22.43	21.89	23.5
		100	0	22.36	22.57	22.56	23.5
	16QAM	1	0	22.65	22.46	22.99	23.5
		1	50	21.96	22.58	22.15	23.5
		1	99	22.31	22.85	22.78	23.5
		50	0	21.76	21.70	21.57	22.5
		50	25	21.17	21.53	21.12	22.5
		50	50	21.13	21.48	20.89	22.5
		100	0	21.50	21.57	21.52	22.5
	64QAM	1	0	21.76	22.77	21.8	23
		1	50	21.55	22.17	21.48	23
		1	99	21.76	22.66	22.04	23
		50	0	20.57	21.52	20.61	22
		50	25	20.55	21.5	20.64	22
		50	50	20.54	21.53	20.64	22
		100	0	20.55	20.84	20.66	22

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LTE Band 2 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.45	20.49	20.33	21.5
		1	2	20.28	20.39	19.97	21.5
		1	5	20.46	20.54	20.59	21.5
		3	0	20.43	20.33	20.47	21.5
		3	2	20.39	20.33	20.52	21.5
		3	3	20.37	20.41	20.46	21.5
		6	0	20.36	20.43	20.45	21.5
	16QAM	1	0	20.49	20.52	20.4	21.5
		1	2	20.26	20.41	20.2	21.5
		1	5	20.66	20.58	20.54	21.5
		3	0	20.25	20.32	20.31	21.5
		3	2	20.22	20.29	20.44	21.5
		3	3	20.28	20.44	20.4	21.5
		6	0	20.39	20.31	20.31	21.5
	64QAM	1	0	20.82	20.76	20.65	21.5
		1	2	20.31	20.25	20.26	21.5
		1	5	20.83	20.67	20.97	21.5
		3	0	20.57	20.47	20.55	21.5
		3	2	20.45	20.45	20.6	21.5
		3	3	20.46	20.47	20.59	21.5
		6	0	20.49	20.46	20.53	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.38	20.47	20.43	21.5
		1	7	20.26	20.36	19.95	21.5
		1	14	20.5	20.55	20.57	21.5
		8	0	20.35	20.44	20.49	21.5
		8	4	20.3	20.26	20.48	21.5
		8	7	20.35	20.45	20.57	21.5
		15	0	20.34	20.4	20.46	21.5
	16QAM	1	0	20.48	20.53	20.31	21.5
		1	7	20.41	20.38	20.15	21.5
		1	14	20.54	20.51	20.42	21.5
		8	0	20.26	20.33	20.4	21.5
		8	4	20.26	20.26	20.35	21.5
		8	7	20.33	20.36	20.42	21.5
		15	0	20.37	20.29	20.29	21.5
	64QAM	1	0	20.82	20.71	20.67	21.5
		1	7	20.34	20.27	20.27	21.5
		1	14	20.81	20.67	20.96	21.5
		8	0	20.55	20.51	20.56	21.5
		8	4	20.45	20.47	20.55	21.5
		8	7	20.48	20.47	20.58	21.5
		15	0	20.48	20.44	20.54	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.37	20.43	20.36	21.5
		1	13	20.19	20.37	19.95	21.5
		1	24	20.48	20.58	20.51	21.5
		12	0	20.46	20.33	20.39	21.5
		12	6	20.41	20.28	20.4	21.5
		12	13	20.45	20.42	20.56	21.5
		25	0	20.42	20.44	20.4	21.5
	16QAM	1	0	20.46	20.52	20.3	21.5
		1	13	20.3	20.32	20.27	21.5
		1	24	20.54	20.56	20.52	21.5
		12	0	20.27	20.3	20.45	21.5
		12	6	20.27	20.36	20.45	21.5
		12	13	20.29	20.44	20.41	21.5
		25	0	20.29	20.27	20.34	21.5
	64QAM	1	0	20.82	20.76	20.66	21.5
		1	13	20.32	20.26	20.25	21.5
		1	24	20.78	20.68	20.98	21.5
		12	0	20.55	20.5	20.54	21.5
		12	6	20.43	20.44	20.57	21.5
		12	13	20.44	20.48	20.57	21.5
		25	0	20.5	20.47	20.57	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.35	20.48	20.43	21.5
		1	25	20.32	20.4	19.96	21.5
		1	49	20.5	20.49	20.47	21.5
		25	0	20.43	20.33	20.43	21.5
		25	13	20.29	20.3	20.44	21.5
		25	25	20.48	20.37	20.49	21.5
		50	0	20.39	20.34	20.46	21.5
	16QAM	1	0	20.35	20.55	20.32	21.5
		1	25	20.34	20.45	20.16	21.5
		1	49	20.63	20.49	20.47	21.5
		25	0	20.34	20.35	20.42	21.5
		25	13	20.36	20.23	20.46	21.5
		25	25	20.36	20.39	20.49	21.5
		50	0	20.37	20.25	20.32	21.5
	64QAM	1	0	20.85	20.71	20.64	21.5
		1	25	20.35	20.25	20.23	21.5
		1	49	20.78	20.68	21	21.5
		25	0	20.53	20.46	20.53	21.5
		25	13	20.44	20.44	20.59	21.5
		25	25	20.48	20.46	20.57	21.5
		50	0	20.52	20.47	20.56	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.41	20.39	20.41	21.5
		1	38	20.2	20.39	19.93	21.5
		1	74	20.56	20.59	20.51	21.5
		36	0	20.42	20.4	20.41	21.5
		36	18	20.28	20.25	20.51	21.5
		36	39	20.46	20.43	20.55	21.5
		75	0	20.33	20.39	20.42	21.5
	16QAM	1	0	20.37	20.54	20.37	21.5
		1	38	20.29	20.4	20.22	21.5
		1	74	20.67	20.59	20.44	21.5
		36	0	20.36	20.31	20.4	21.5
		36	18	20.32	20.35	20.34	21.5
		36	39	20.37	20.45	20.38	21.5
		75	0	20.36	20.24	20.3	21.5
	64QAM	1	0	20.82	20.75	20.65	21.5
		1	38	20.31	20.28	20.25	21.5
		1	74	20.81	20.68	20.99	21.5
		36	0	20.56	20.47	20.54	21.5
		36	18	20.43	20.47	20.58	21.5
		36	39	20.47	20.46	20.57	21.5
		75	0	20.49	20.46	20.53	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.47	20.53	20.46	21.5
		1	50	20.34	20.47	20.03	21.5
		1	99	20.60	20.60	20.61	21.5
		50	0	20.49	20.46	20.52	21.5
		50	25	20.43	20.37	20.55	21.5
		50	50	20.48	20.50	20.60	21.5
		100	0	20.47	20.44	20.52	21.5
	16QAM	1	0	20.50	20.56	20.42	21.5
		1	50	20.41	20.46	20.29	21.5
		1	99	20.69	20.60	20.56	21.5
		50	0	20.38	20.38	20.45	21.5
		50	25	20.36	20.36	20.49	21.5
		50	50	20.39	20.49	20.52	21.5
		100	0	20.43	20.34	20.37	21.5
	64QAM	1	0	20.93	20.83	20.76	21.5
		1	50	20.43	20.35	20.34	21.5
		1	99	20.9	20.76	21.08	21.5
		50	0	20.64	20.58	20.65	21.5
		50	25	20.55	20.56	20.67	21.5
		50	50	20.56	20.56	20.68	21.5
		100	0	20.6	20.55	20.65	21.5

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LTE Band 2 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.98	15.91	15.86	17
		1	2	15.8	15.24	15.38	17
		1	5	16.03	16.04	15.98	17
		3	0	15.99	15.89	15.88	17
		3	2	15.9	15.84	15.95	17
		3	3	15.88	15.99	15.95	17
		6	0	15.94	15.84	15.91	17
	16QAM	1	0	15.92	15.96	15.83	17
		1	2	15.57	15.46	15.77	17
		1	5	16.05	15.99	15.97	17
		3	0	15.89	15.86	15.83	17
		3	2	15.9	15.78	15.84	17
		3	3	15.8	15.83	15.97	17
		6	0	15.87	15.73	15.94	17
	64QAM	1	0	16.28	16.43	16.23	17
		1	2	15.99	15.44	16.16	17
		1	5	16.21	16.12	16.58	17
		3	0	16.07	16.02	16.12	17
		3	2	16.03	16.01	16.1	17
		3	3	16.01	15.98	16.11	17
		6	0	16.01	15.99	16.08	17
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.97	15.93	15.93	17
		1	7	15.84	15.35	15.46	17
		1	14	16.03	15.95	15.96	17
		8	0	15.9	15.82	15.82	17
		8	4	15.88	15.9	15.93	17
		8	7	15.94	15.9	16.01	17
		15	0	15.95	15.85	15.88	17
	16QAM	1	0	15.94	15.91	15.81	17
		1	7	15.51	15.42	15.72	17
		1	14	15.98	16.03	15.98	17
		8	0	15.92	15.92	15.84	17
		8	4	15.92	15.87	15.88	17
		8	7	15.81	15.82	15.96	17
		15	0	15.81	15.71	15.85	17
	64QAM	1	0	16.26	16.42	16.18	17
		1	7	15.98	15.46	16.11	17
		1	14	16.18	16.08	16.59	17
		8	0	16.08	15.98	16.13	17
		8	4	16.05	15.99	16.05	17
		8	7	16.03	16	16.08	17
		15	0	16.03	16.01	16.1	17

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	15.93	15.93	15.82	17
		1	13	15.79	15.28	15.46	17
		1	24	15.99	16	15.96	17
		12	0	15.96	15.89	15.87	17
		12	6	15.87	15.89	15.96	17
		12	13	15.84	15.95	16.03	17
		25	0	15.95	15.81	15.97	17
	16QAM	1	0	15.98	16.02	15.88	17
		1	13	15.55	15.43	15.69	17
		1	24	16.07	16.01	15.97	17
		12	0	15.92	15.88	15.8	17
		12	6	15.86	15.79	15.92	17
		12	13	15.88	15.9	16	17
		25	0	15.83	15.85	15.92	17
	64QAM	1	0	16.26	16.41	16.22	17
		1	13	16.02	15.41	16.15	17
		1	24	16.19	16.11	16.57	17
		12	0	16.04	16.02	16.12	17
		12	6	16.02	16.01	16.07	17
		12	13	16	16.01	16.07	17
		25	0	16.02	16.01	16.11	17

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.95	15.85	15.95	17
		1	25	15.82	15.36	15.43	17
		1	49	15.98	16	16.02	17
		25	0	15.99	15.9	15.86	17
		25	13	15.84	15.81	16.02	17
		25	25	15.93	15.98	16	17
		50	0	15.98	15.85	15.98	17
	16QAM	1	0	15.94	16.03	15.78	17
		1	25	15.48	15.49	15.69	17
		1	49	16.04	16.07	16.02	17
		25	0	15.9	15.94	15.83	17
		25	13	15.92	15.82	15.95	17
		25	25	15.84	15.85	16	17
		50	0	15.88	15.76	15.92	17
	64QAM	1	0	16.28	16.4	16.23	17
		1	25	15.99	15.43	16.16	17
		1	49	16.17	16.12	16.58	17
		25	0	16.03	16.02	16.08	17
		25	13	16	15.99	16.08	17
		25	25	16.02	16.01	16.1	17
		50	0	16.01	16.02	16.11	17

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.94	15.96	15.95	17
		1	38	15.85	15.33	15.43	17
		1	74	16.09	16	15.97	17
		36	0	15.98	15.91	15.93	17
		36	18	15.96	15.82	15.98	17
		36	39	15.85	15.95	16.07	17
		75	0	15.86	15.79	15.94	17
	16QAM	1	0	15.98	15.92	15.82	17
		1	38	15.58	15.41	15.67	17
		1	74	16.04	16.04	15.94	17
		36	0	15.97	15.88	15.84	17
		36	18	15.89	15.75	15.91	17
		36	39	15.8	15.85	16.02	17
		75	0	15.82	15.82	15.93	17
	64QAM	1	0	16.24	16.4	16.19	17
		1	38	15.99	15.43	16.11	17
		1	74	16.19	16.08	16.57	17
		36	0	16.07	16.02	16.11	17
		36	18	16	16	16.09	17
		36	39	15.99	16.02	16.1	17
		75	0	16.03	16.03	16.08	17

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	16.04	16.00	15.97	17
		1	50	15.86	15.38	15.51	17
		1	99	16.09	16.07	16.06	17
		50	0	16.00	15.95	15.97	17
		50	25	15.98	15.92	16.06	17
		50	50	15.95	15.99	16.07	17
		100	0	16.01	15.94	15.99	17
	16QAM	1	0	16.01	16.06	15.92	17
		1	50	15.59	15.54	15.80	17
		1	99	16.12	16.13	16.07	17
		50	0	16.00	15.95	15.95	17
		50	25	15.95	15.88	15.98	17
		50	50	15.91	15.94	16.02	17
		100	0	15.89	15.86	15.95	17
	64QAM	1	0	16.31	16.45	16.25	17
		1	50	16.05	15.48	16.18	17
		1	99	16.23	16.14	16.62	17
		50	0	16.1	16.04	16.15	17
		50	25	16.07	16.04	16.12	17
		50	50	16.05	16.05	16.13	17
		100	0	16.07	16.06	16.13	17

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LTE Band 2 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.69	21.21	21.43	22
		1	2	20.85	21.33	21.7	22
		1	5	20.92	21.4	21.93	22
		3	0	20.95	21.33	21.69	22
		3	2	20.95	21.34	21.78	22
		3	3	20.94	21.43	21.89	22
		6	0	20.92	21.38	21.76	22
	16QAM	1	0	20.98	21.56	21.75	22
		1	2	21.23	21.69	21.92	22
		1	5	21.2	21.65	21.98	22
		3	0	20.95	21.39	21.74	22
		3	2	20.95	21.41	21.84	22
		3	3	20.95	21.45	21.92	22
		6	0	20.89	21.4	21.76	22
	64QAM	1	0	21.16	21.04	21.25	22
		1	2	21.16	21.25	21.3	22
		1	5	21.06	21.1	21.33	22
		3	0	20.58	20.62	20.64	22
		3	2	20.58	20.52	20.67	22
		3	3	20.59	20.57	20.69	22
		6	0	20.48	20.53	20.59	22
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.89	21.52	21.05	22
		1	7	21.32	21.67	21.67	22
		1	14	21.42	21.37	21.98	22
		8	0	21.2	21.6	21.41	22
		8	4	21.26	21.71	21.67	22
		8	7	21.35	21.72	21.97	22
		15	0	21.26	21.51	21.73	22
	16QAM	1	0	21.23	21.96	21.33	22
		1	7	21.57	21.96	21.99	22
		1	14	21.67	21.71	21.98	22
		8	0	21.21	21.58	21.4	22
		8	4	21.25	21.68	21.76	22
		8	7	21.45	21.69	21.96	22
		15	0	21.2	21.47	21.67	22
	64QAM	1	0	21.16	21.12	21.25	22
		1	7	21.18	21.24	21.37	22
		1	14	21.03	21.14	21.28	22
		8	0	20.58	20.57	20.62	22
		8	4	20.54	20.49	20.61	22
		8	7	20.57	20.6	20.66	22
		15	0	20.49	20.54	20.64	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	21.17	21.62	21.15	22
		1	13	21.55	21.72	21.33	22
		1	24	21.67	21.41	21.94	22
		12	0	21.38	21.79	21.21	22
		12	6	21.68	21.64	21.27	22
		12	13	21.8	21.55	21.68	22
		25	0	21.62	21.61	21.44	22
	16QAM	1	0	21.36	21.91	21.39	22
		1	13	21.89	21.99	21.63	22
		1	24	21.86	21.68	21.98	22
		12	0	21.29	21.86	21.16	22
		12	6	21.67	21.72	21.22	22
		12	13	21.85	21.49	21.78	22
		25	0	21.66	21.55	21.49	22
	64QAM	1	0	21.22	21.08	21.21	22
		1	13	21.16	21.23	21.34	22
		1	24	21.03	21.17	21.26	22
		12	0	20.62	20.59	20.66	22
		12	6	20.56	20.54	20.63	22
		12	13	20.57	20.61	20.68	22
		25	0	20.54	20.48	20.61	22

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	21.21	21.91	21.08	22
		1	25	21.65	21.61	21.09	22
		1	49	21.25	21.38	21.7	22
		25	0	21.73	21.73	21.46	22
		25	13	21.83	21.46	21	22
		25	25	21.63	21.36	21.26	22
		50	0	21.82	21.49	21.25	22
	16QAM	1	0	21.49	21.89	21.33	22
		1	25	21.95	21.81	21.35	22
		1	49	21.67	21.82	21.84	22
		25	0	21.74	21.65	21.41	22
		25	13	21.73	21.38	20.96	22
		25	25	21.55	21.3	21.21	22
		50	0	21.72	21.41	21.19	22
	64QAM	1	0	21.2	21.09	21.2	22
		1	25	21.14	21.32	21.32	22
		1	49	21.05	21.12	21.25	22
		25	0	20.53	20.58	20.59	22
		25	13	20.57	20.54	20.62	22
		25	25	20.52	20.53	20.76	22
		50	0	20.47	20.48	20.6	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	21.83	21.86	21.76	22
		1	38	21.89	21.81	21.12	22
		1	74	21.18	21.94	21.81	22
		36	0	21.91	21.7	21.4	22
		36	18	21.9	21.61	21.07	22
		36	39	21.59	21.95	21.13	22
		75	0	21.97	21.89	21.69	22
	16QAM	1	0	21.76	21.96	21.82	22
		1	38	21.94	21.99	21.39	22
		1	74	21.29	21.95	21.89	22
		36	0	21.96	21.67	21.36	22
		36	18	21.9	21.56	21.06	22
		36	39	21.5	21.88	21.08	22
		75	0	21.77	21.81	21.66	22
	64QAM	1	0	21.25	21.14	21.29	22
		1	38	21.24	21.33	21.4	22
		1	74	21.07	21.2	21.34	22
		36	0	20.63	20.63	20.68	22
		36	18	20.62	20.57	20.68	22
		36	39	20.6	20.62	20.76	22
		75	0	20.57	20.57	20.67	22

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	21.91	21.94	21.97	22
		1	50	21.73	21.71	21.11	22
		1	99	20.94	21.14	21.43	22
		50	0	21.75	21.13	21.35	22
		50	25	21.93	21.74	21.37	22
		50	50	21.78	21.67	20.97	22
		100	0	21.93	21.82	21.83	22
	16QAM	1	0	21.89	21.96	21.95	22
		1	50	21.97	21.85	21.39	22
		1	99	21.14	21.42	21.72	22
		50	0	21.57	21.07	21.28	22
		50	25	21.79	21.67	21.33	22
		50	50	21.59	21.56	20.96	22
		100	0	21.89	21.73	21.68	22
	64QAM	1	0	21.32	20.58	20.65	22
		1	50	21.42	20.55	20.65	22
		1	99	21.33	21.42	21.24	22
		50	0	20.91	20.89	20.69	22
		50	25	21.24	21.59	20.71	22
		50	50	20.58	20.68	20.79	22
		100	0	20.55	20.64	20.77	22

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LTE Band 2 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	19.4	19.89	19.89	20.5
		1	2	19.55	20.05	20.17	20.5
		1	5	19.53	20.07	20.31	20.5
		3	0	19.56	20.03	20.07	20.5
		3	2	19.58	20.05	20.17	20.5
		3	3	19.56	20.08	20.28	20.5
		6	0	19.56	20.03	20.16	20.5
	16QAM	1	0	19.27	20.18	20.22	20.5
		1	2	19.7	20.33	20.43	20.5
		1	5	19.59	20.36	20.48	20.5
		3	0	19.44	20.04	20.2	20.5
		3	2	19.43	20.08	20.26	20.5
		3	3	19.41	20.09	20.38	20.5
		6	0	19.39	20.07	20.21	20.5
	64QAM	1	0	19.72	20.37	20.23	20.5
		1	2	20.38	20.38	20.46	20.5
		1	5	20.19	20.33	20.45	20.5
		3	0	20.45	20.43	20.44	20.5
		3	2	20.44	20.41	20.34	20.5
		3	3	20.43	20.41	20.44	20.5
		6	0	20.47	20.48	20.45	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	19.37	20.13	19.59	20.5
		1	7	19.66	20.21	20.02	20.5
		1	14	19.8	19.9	20.35	20.5
		8	0	19.62	20.16	19.81	20.5
		8	4	19.74	20.25	20.06	20.5
		8	7	19.85	20.29	20.29	20.5
		15	0	19.69	20.08	20.09	20.5
	16QAM	1	0	19.61	20.41	19.86	20.5
		1	7	19.91	20.44	20.3	20.5
		1	14	19.99	20.29	20.47	20.5
		8	0	19.66	20.18	19.81	20.5
		8	4	19.73	20.23	20.15	20.5
		8	7	19.84	20.32	20.29	20.5
		15	0	19.64	20.07	20.06	20.5
	64QAM	1	0	19.72	20.33	20.25	20.5
		1	7	20.39	20.41	20.49	20.5
		1	14	20.22	20.32	20.43	20.5
		8	0	20.45	20.44	20.45	20.5
		8	4	20.45	20.48	20.43	20.5
		8	7	20.44	20.44	20.47	20.5
		15	0	20.43	20.47	20.45	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	19.75	20.1	19.62	20.5
		1	13	20.14	20.26	19.68	20.5
		1	24	20.09	20.07	20.37	20.5
		12	0	19.94	20.28	19.7	20.5
		12	6	20.24	20.2	19.76	20.5
		12	13	20.25	20.17	20.15	20.5
		25	0	20.19	20.14	19.93	20.5
	16QAM	1	0	19.95	20.49	19.86	20.5
		1	13	20.35	20.42	20.05	20.5
		1	24	20.28	20.27	20.48	20.5
		12	0	19.73	20.22	19.62	20.5
		12	6	20.02	20.26	19.68	20.5
		12	13	20.28	20.19	20.06	20.5
		25	0	20.06	20.17	19.82	20.5
	64QAM	1	0	19.74	20.34	20.25	20.5
		1	13	20.39	20.49	20.39	20.5
		1	24	20.42	20.31	20.49	20.5
		12	0	20.44	20.41	20.43	20.5
		12	6	20.44	20.49	20.43	20.5
		12	13	20.42	20.42	20.45	20.5
		25	0	20.43	20.45	20.41	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.69	20.48	19.87	20.5
		1	25	20.2	20.3	19.61	20.5
		1	49	19.79	20.04	20.1	20.5
		25	0	20.22	20.21	19.95	20.5
		25	13	20.24	20.15	19.46	20.5
		25	25	20.06	19.96	19.7	20.5
		50	0	20.23	20.19	19.72	20.5
	16QAM	1	0	20.05	20.46	20.09	20.5
		1	25	20.45	20.39	19.92	20.5
		1	49	20	20.33	20.38	20.5
		25	0	20.12	20.14	19.88	20.5
		25	13	20.16	20.1	19.39	20.5
		25	25	19.97	19.91	19.65	20.5
		50	0	20.13	20.12	19.64	20.5
	64QAM	1	0	19.71	20.33	20.37	20.5
		1	25	20.42	20.48	20.46	20.5
		1	49	20.43	20.32	20.49	20.5
		25	0	20.45	20.45	20.43	20.5
		25	13	20.45	20.42	20.44	20.5
		25	25	20.42	20.45	20.46	20.5
		50	0	20.43	20.45	20.44	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.04	20.41	20.25	20.5
		1	38	20.37	20.3	19.66	20.5
		1	74	19.78	20.35	20.16	20.5
		36	0	20.48	20.21	20.09	20.5
		36	18	20.33	20.21	19.79	20.5
		36	39	20.14	20.33	19.58	20.5
		75	0	20.3	20.49	20.25	20.5
	16QAM	1	0	20.12	20.49	20.41	20.5
		1	38	20.42	20.39	20.05	20.5
		1	74	19.97	20.26	20.43	20.5
		36	0	20.32	20.18	20.1	20.5
		36	18	20.3	20.17	19.75	20.5
		36	39	19.81	20.44	19.5	20.5
		75	0	20.16	20.41	20.22	20.5
	64QAM	1	0	19.75	20.36	20.47	20.5
		1	38	20.42	20.49	20.46	20.5
		1	74	20.19	21.3	21.49	20.5
		36	0	20.44	20.45	20.45	20.5
		36	18	20.46	20.45	20.44	20.5
		36	39	20.41	20.41	20.46	20.5
		75	0	20.44	20.47	20.43	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.15	20.46	20.27	20.5
		1	50	20.23	20.25	19.8	20.5
		1	99	19.35	19.24	19.79	20.5
		50	0	19.97	19.75	19.83	20.5
		50	25	20.43	20.21	20.11	20.5
		50	50	20.37	20.23	19.57	20.5
		100	0	20.47	20.41	20.43	20.5
	16QAM	1	0	20.22	20.48	20.49	20.5
		1	50	20.18	20.41	20.08	20.5
		1	99	19.6	19.4	20	20.5
		50	0	19.88	19.69	19.75	20.5
		50	25	20.35	20.22	19.94	20.5
		50	50	20.23	20.12	19.5	20.5
		100	0	20.45	20.32	20.46	20.5
	64QAM	1	0	19.77	19.56	19.65	20.5
		1	50	19.56	19.53	19.64	20.5
		1	99	19.76	19.91	19.13	20.5
		50	0	19.37	19.36	19.19	20.5
		50	25	19.74	19.98	19.11	20.5
		50	50	19.55	19.66	19.22	20.5
		100	0	19.52	19.63	20.05	20.5

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LTE Band 2 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	20.64	20.83	20.85	22
		1	2	20.49	20.57	20.53	22
		1	5	20.77	20.81	20.75	22
		3	0	20.65	20.77	20.89	22
		3	2	20.63	20.7	20.74	22
		3	3	20.7	20.77	20.84	22
		6	0	20.74	20.79	20.78	22
	16QAM	1	0	20.92	20.99	21.1	22
		1	2	20.79	20.93	20.9	22
		1	5	21.01	20.82	21.07	22
		3	0	20.58	20.5	20.78	22
		3	2	20.61	20.69	20.67	22
		3	3	20.62	20.64	20.79	22
		6	0	20.69	20.69	20.78	22
	64QAM	1	0	21.28	21.35	21.26	22
		1	2	20.91	20.82	21.08	22
		1	5	21.23	21.33	21.53	22
		3	0	21.26	21.34	21.24	22
		3	2	20.9	20.81	21.08	22
		3	3	21.21	21.32	21.51	22
		6	0	20.56	20.5	20.63	22
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.64	20.82	20.78	22
		1	7	20.55	20.6	20.66	22
		1	14	20.83	20.79	20.85	22
		8	0	20.63	20.85	20.87	22
		8	4	20.63	20.79	20.74	22
		8	7	20.8	20.83	20.8	22
		15	0	20.74	20.81	20.87	22
	16QAM	1	0	20.96	21.08	21.1	22
		1	7	20.87	20.9	20.93	22
		1	14	21.03	20.82	21.1	22
		8	0	20.59	20.51	20.72	22
		8	4	20.6	20.63	20.72	22
		8	7	20.62	20.7	20.73	22
		15	0	20.63	20.65	20.76	22
	64QAM	1	0	21.26	21.35	21.24	22
		1	7	20.89	20.78	21.05	22
		1	14	21.23	21.32	21.49	22
		8	0	20.56	20.51	20.63	22
		8	4	20.57	20.51	20.61	22
		8	7	20.52	20.51	20.63	22
		15	0	20.56	20.49	20.61	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.68	20.8	20.88	22
		1	13	20.47	20.65	20.62	22
		1	24	20.81	20.73	20.73	22
		12	0	20.66	20.8	20.83	22
		12	6	20.77	20.78	20.83	22
		12	13	20.72	20.71	20.91	22
		25	0	20.78	20.8	20.82	22
	16QAM	1	0	20.99	21.03	21.08	22
		1	13	20.75	20.95	20.86	22
		1	24	20.9	20.71	21.12	22
		12	0	20.69	20.54	20.7	22
		12	6	20.68	20.73	20.75	22
		12	13	20.64	20.65	20.73	22
		25	0	20.65	20.74	20.79	22
	64QAM	1	0	21.27	21.34	21.26	22
		1	13	20.92	20.81	21.07	22
		1	24	21.2	21.33	21.5	22
		12	0	20.57	20.51	20.63	22
		12	6	20.53	20.48	20.62	22
		12	13	20.52	20.52	20.67	22
		25	0	20.53	20.51	20.62	22

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.75	20.86	20.77	22
		1	25	20.5	20.57	20.6	22
		1	49	20.78	20.77	20.77	22
		25	0	20.71	20.71	20.78	22
		25	13	20.68	20.76	20.84	22
		25	25	20.77	20.79	20.85	22
		50	0	20.76	20.79	20.9	22
	16QAM	1	0	21.03	21.02	21.03	22
		1	25	20.84	21.03	20.87	22
		1	49	20.9	20.83	20.99	22
		25	0	20.67	20.48	20.67	22
		25	13	20.65	20.74	20.7	22
		25	25	20.74	20.73	20.75	22
		50	0	20.66	20.75	20.74	22
	64QAM	1	0	21.28	21.36	21.25	22
		1	25	20.91	20.8	21.09	22
		1	49	21.21	21.32	21.52	22
		25	0	20.56	20.54	20.65	22
		25	13	20.56	20.51	20.65	22
		25	25	20.55	20.53	20.65	22
		50	0	20.55	20.49	20.65	22

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.72	20.75	20.78	22
		1	38	20.56	20.65	20.67	22
		1	74	20.84	20.72	20.83	22
		36	0	20.63	20.83	20.8	22
		36	18	20.7	20.79	20.76	22
		36	39	20.79	20.81	20.89	22
		75	0	20.77	20.76	20.87	22
	16QAM	1	0	20.92	21.01	21.05	22
		1	38	20.79	20.91	20.86	22
		1	74	20.95	20.72	20.98	22
		36	0	20.64	20.49	20.74	22
		36	18	20.72	20.65	20.72	22
		36	39	20.64	20.75	20.7	22
		75	0	20.69	20.76	20.73	22
	64QAM	1	0	21.28	21.37	21.26	22
		1	38	20.92	20.81	21.08	22
		1	74	21.22	21.32	21.51	22
		36	0	20.55	20.54	20.64	22
		36	18	20.57	20.5	20.65	22
		36	39	20.53	20.53	20.66	22
		75	0	20.55	20.5	20.64	22

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.79	20.89	20.9	22
		1	50	20.59	20.67	20.68	22
		1	99	20.88	20.86	20.86	22
		50	0	20.78	20.85	20.9	22
		50	25	20.77	20.84	20.88	22
		50	50	20.84	20.85	20.91	22
		100	0	20.81	20.84	20.91	22
	16QAM	1	0	21.05	21.09	21.12	22
		1	50	20.89	21.05	20.94	22
		1	99	21.04	20.84	21.12	22
		50	0	20.7	20.56	20.8	22
		50	25	20.72	20.78	20.82	22
		50	50	20.75	20.76	20.82	22
		100	0	20.72	20.79	20.79	22
	64QAM	1	0	21.32	21.39	21.29	22
		1	50	20.94	20.84	21.11	22
		1	99	21.25	21.36	21.55	22
		50	0	20.59	20.56	20.67	22
		50	25	20.59	20.54	20.67	22
		50	50	20.57	20.56	20.69	22
		100	0	20.59	20.53	20.67	22

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LTE Band 2 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	19.41	19.57	19.5	20.5
		1	2	19.26	19.43	19.36	20.5
		1	5	19.43	19.54	19.55	20.5
		3	0	19.34	19.51	19.43	20.5
		3	2	19.27	19.34	19.32	20.5
		3	3	19.32	19.52	19.43	20.5
		6	0	19.34	19.48	19.39	20.5
	16QAM	1	0	19.67	19.81	19.75	20.5
		1	2	19.27	19.49	19.59	20.5
		1	5	19.61	19.82	19.8	20.5
		3	0	19.31	19.47	19.31	20.5
		3	2	19.18	19.34	19.31	20.5
		3	3	19.35	19.43	19.44	20.5
		6	0	19.22	19.38	19.29	20.5
	64QAM	1	0	19.78	19.49	19.6	20.5
		1	2	19.04	19.53	19.58	20.5
		1	5	19.25	19.52	19.62	20.5
		3	0	19.91	19.84	19.08	20.5
		3	2	19.21	19.8	18.99	20.5
		3	3	19.84	20.05	18.83	20.5
		6	0	19.52	19.62	19.2	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	19.44	19.57	19.49	20.5
		1	7	19.18	19.29	19.19	20.5
		1	14	19.43	19.54	19.53	20.5
		8	0	19.38	19.52	19.43	20.5
		8	4	19.34	19.5	19.34	20.5
		8	7	19.36	19.52	19.43	20.5
		15	0	19.42	19.51	19.47	20.5
	16QAM	1	0	19.67	19.75	19.78	20.5
		1	7	19.24	19.35	19.27	20.5
		1	14	19.58	19.78	19.81	20.5
		8	0	19.32	19.45	19.39	20.5
		8	4	19.3	19.51	19.38	20.5
		8	7	19.34	19.49	19.44	20.5
		15	0	19.33	19.49	19.38	20.5
	64QAM	1	0	19.77	19.47	19.6	20.5
		1	7	19.03	19.53	19.6	20.5
		1	14	19.22	19.5	19.59	20.5
		8	0	19.93	19.88	19.1	20.5
		8	4	19.25	19.78	19.01	20.5
		8	7	19.85	20.06	18.87	20.5
		15	0	19.52	19.63	19.24	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	19.42	19.6	19.53	20.5
		1	13	19.42	19.56	19.52	20.5
		1	24	19.38	19.53	19.55	20.5
		12	0	19.43	19.59	19.53	20.5
		12	6	19.39	19.51	19.44	20.5
		12	13	19.45	19.56	19.51	20.5
		25	0	19.41	19.51	19.47	20.5
	16QAM	1	0	19.69	19.88	19.78	20.5
		1	13	19.7	19.92	19.77	20.5
		1	24	19.68	19.84	19.86	20.5
		12	0	19.4	19.55	19.51	20.5
		12	6	19.26	19.45	19.39	20.5
		12	13	19.38	19.52	19.45	20.5
		25	0	19.31	19.49	19.43	20.5
	64QAM	1	0	19.82	19.49	19.59	20.5
		1	13	19.05	19.5	19.59	20.5
		1	24	19.25	19.51	19.63	20.5
		12	0	19.9	19.84	19.1	20.5
		12	6	19.26	19.8	18.99	20.5
		12	13	19.85	20.05	18.82	20.5
		25	0	19.51	19.6	19.22	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.63	19.63	19.55	20.5
		1	25	19.35	19.48	19.32	20.5
		1	49	19.49	19.58	19.48	20.5
		25	0	19.65	19.63	19.62	20.5
		25	13	19.57	19.68	19.59	20.5
		25	25	19.56	19.65	19.58	20.5
		50	0	19.58	19.62	19.57	20.5
	16QAM	1	0	19.77	19.94	19.88	20.5
		1	25	19.24	19.48	19.58	20.5
		1	49	19.65	19.74	19.8	20.5
		25	0	19.35	19.49	19.49	20.5
		25	13	19.31	19.5	19.47	20.5
		25	25	19.33	19.46	19.38	20.5
		50	0	19.3	19.46	19.45	20.5
	64QAM	1	0	19.8	19.48	19.6	20.5
		1	25	19.07	19.49	19.59	20.5
		1	49	19.23	19.49	19.64	20.5
		25	0	19.91	19.88	19.06	20.5
		25	13	19.22	19.81	19.01	20.5
		25	25	19.87	20.05	18.83	20.5
		50	0	19.54	19.62	19.24	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	19.75	20.47	20.24	20.5
		1	38	20.32	20.25	19.85	20.5
		1	74	19.69	20.03	20.09	20.5
		36	0	20.18	20.23	20.11	20.5
		36	18	20.2	20.17	19.85	20.5
		36	39	19.99	20.44	19.65	20.5
		75	0	20.2	20.44	20.36	20.5
	16QAM	1	0	19.98	20.48	20.4	20.5
		1	38	20.37	20.39	20.12	20.5
		1	74	19.93	20.27	20.37	20.5
		36	0	20.22	20.19	20.08	20.5
		36	18	20.21	20.1	19.85	20.5
		36	39	19.87	20.38	19.6	20.5
		75	0	20.07	20.33	20.36	20.5
	64QAM	1	0	19.79	19.5	19.58	20.5
		1	38	19.03	19.51	19.59	20.5
		1	74	19.22	19.54	19.6	20.5
		36	0	19.88	19.89	19.06	20.5
		36	18	19.24	19.81	19.04	20.5
		36	39	19.83	20.05	18.86	20.5
		75	0	19.52	19.63	19.2	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	19.73	20.42	20.35	20.5
		1	50	19.94	20.24	19.87	20.5
		1	99	20.05	19.8	20.19	20.5
		50	0	20.47	20.33	20.24	20.5
		50	25	20.12	20.22	19.94	20.5
		50	50	20.16	20.04	19.76	20.5
		100	0	20.41	20.29	20.41	20.5
	16QAM	1	0	19.82	20.49	20.37	20.5
		1	50	20.11	20.47	20.05	20.5
		1	99	20.33	19.88	20.44	20.5
		50	0	20.25	20.28	20.26	20.5
		50	25	19.96	20.16	19.88	20.5
		50	50	20.03	19.61	19.65	20.5
		100	0	20.39	20.24	20.38	20.5
	64QAM	1	0	19.84	19.52	19.63	20.5
		1	50	19.1	19.56	19.65	20.5
		1	99	19.28	19.56	19.66	20.5
		50	0	19.95	19.91	19.12	20.5
		50	25	19.28	19.84	19.06	20.5
		50	50	19.89	20.09	18.89	20.5
		100	0	19.58	19.67	19.27	20.5

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LTE Band 2 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.66	17.76	17.85	19
		1	2	17.55	17.51	17.55	19
		1	5	17.72	17.72	17.79	19
		3	0	17.6	17.8	17.77	19
		3	2	17.68	17.71	17.86	19
		3	3	17.8	17.8	17.86	19
		6	0	17.73	17.78	17.74	19
	16QAM	1	0	17.83	18.2	17.99	19
		1	2	17.73	17.74	17.64	19
		1	5	18.04	17.96	17.95	19
		3	0	17.69	17.67	17.71	19
		3	2	17.6	17.8	17.74	19
		3	3	17.66	17.7	17.78	19
		6	0	17.66	17.74	17.78	19
	64QAM	1	0	18.05	18.16	18.05	19
		1	2	17.67	17.86	17.59	19
		1	5	18.05	18.22	18.01	19
		3	0	18.03	17.94	18.04	19
		3	2	17.93	17.99	18.09	19
		3	3	17.99	18.01	18.07	19
		6	0	17.96	17.93	18.03	19
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	17.7	17.79	17.73	19
		1	7	17.54	17.6	17.48	19
		1	14	17.78	17.81	17.77	19
		8	0	17.74	17.78	17.74	19
		8	4	17.73	17.78	17.77	19
		8	7	17.73	17.77	17.81	19
		15	0	17.64	17.85	17.79	19
	16QAM	1	0	17.85	18.14	18.05	19
		1	7	17.7	17.75	17.59	19
		1	14	18.01	17.95	17.97	19
		8	0	17.57	17.7	17.68	19
		8	4	17.66	17.72	17.64	19
		8	7	17.74	17.76	17.72	19
		15	0	17.61	17.73	17.7	19
	64QAM	1	0	18	17.96	18.03	19
		1	7	17.61	17.43	17.71	19
		1	14	18.09	17.89	17.98	19
		8	0	17.88	17.94	17.97	19
		8	4	17.83	17.89	18	19
		8	7	17.93	17.95	18.04	19
		15	0	17.93	17.92	18.01	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.66	17.8	17.77	19
		1	13	17.55	17.55	17.58	19
		1	24	17.79	17.83	17.76	19
		12	0	17.72	17.81	17.82	19
		12	6	17.75	17.72	17.81	19
		12	13	17.69	17.69	17.74	19
		25	0	17.72	17.76	17.73	19
	16QAM	1	0	17.92	18.08	18.03	19
		1	13	17.74	17.77	17.59	19
		1	24	18.01	18.02	18.07	19
		12	0	17.65	17.75	17.75	19
		12	6	17.65	17.7	17.7	19
		12	13	17.61	17.67	17.75	19
		25	0	17.64	17.75	17.73	19
	64QAM	1	0	18.06	18.11	18.08	19
		1	13	17.63	17.86	17.55	19
		1	24	18.04	18.16	18.03	19
		12	0	17.97	17.95	18.04	19
		12	6	17.98	17.94	18.09	19
		12	13	17.96	18.04	18.05	19
		25	0	18	17.95	18.02	19

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.74	17.73	17.84	19
		1	25	17.41	17.55	17.55	19
		1	49	17.74	17.8	17.75	19
		25	0	17.7	17.8	17.74	19
		25	13	17.62	17.76	17.82	19
		25	25	17.69	17.82	17.83	19
		50	0	17.71	17.79	17.73	19
	16QAM	1	0	17.93	18.08	18.08	19
		1	25	17.69	17.74	17.63	19
		1	49	18.04	17.99	17.94	19
		25	0	17.61	17.75	17.66	19
		25	13	17.7	17.73	17.65	19
		25	25	17.72	17.72	17.78	19
		50	0	17.67	17.65	17.71	19
	64QAM	1	0	18	17.92	18.02	19
		1	25	17.62	17.4	17.72	19
		1	49	18.06	17.96	17.98	19
		25	0	17.93	17.92	17.98	19
		25	13	17.84	17.93	17.99	19
		25	25	17.94	17.95	18.02	19
		50	0	17.9	17.89	18.04	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.65	17.85	17.81	19
		1	38	17.49	17.51	17.55	19
		1	74	17.78	17.81	17.78	19
		36	0	17.68	17.73	17.75	19
		36	18	17.63	17.77	17.72	19
		36	39	17.78	17.67	17.78	19
		75	0	17.68	17.81	17.85	19
	16QAM	1	0	17.94	18.09	18.07	19
		1	38	17.67	17.64	17.62	19
		1	74	18.02	17.95	18.03	19
		36	0	17.69	17.73	17.75	19
		36	18	17.59	17.66	17.71	19
		36	39	17.6	17.77	17.82	19
		75	0	17.64	17.74	17.75	19
	64QAM	1	0	18.12	18.05	18.17	19
		1	38	17.75	17.55	17.86	19
		1	74	18.17	18.04	18.13	19
		36	0	18.03	18.03	18.12	19
		36	18	17.98	18.02	18.1	19
		36	39	18.02	18.08	18.12	19
		75	0	18.03	18.04	18.12	19

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.78	17.88	17.86	19
		1	50	17.56	17.62	17.63	19
		1	99	17.84	17.83	17.86	19
		50	0	17.74	17.87	17.87	19
		50	25	17.76	17.81	17.86	19
		50	50	17.8	17.82	17.88	19
		100	0	17.78	17.87	17.87	19
	16QAM	1	0	17.95	18.22	18.09	19
		1	50	17.74	17.78	17.66	19
		1	99	18.11	18.07	18.08	19
		50	0	17.7	17.8	17.8	19
		50	25	17.71	17.8	17.79	19
		50	50	17.75	17.79	17.84	19
		100	0	17.68	17.77	17.79	19
	64QAM	1	0	18.15	18.23	18.15	19
		1	50	17.74	17.93	17.65	19
		1	99	18.14	18.29	18.14	19
		50	0	18.1	18.06	18.15	19
		50	25	18.06	18.07	18.15	19
		50	50	18.07	18.1	18.17	19
		100	0	18.08	18.05	18.15	19

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LTE Band 2 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	16.19	16.21	16.34	17.5
		1	2	16.03	15.2	16.17	17.5
		1	5	16.2	16.19	16.31	17.5
		3	0	16.21	16.34	16.26	17.5
		3	2	16.23	16.24	16.25	17.5
		3	3	16.14	16.22	16.27	17.5
		6	0	16.22	16.37	16.24	17.5
	16QAM	1	0	16.49	16.53	16.56	17.5
		1	2	14.88	14.87	16.37	17.5
		1	5	16.5	16.48	16.56	17.5
		3	0	16.07	16.31	16.27	17.5
		3	2	16.16	16.2	16.22	17.5
		3	3	16.22	16.2	16.32	17.5
		6	0	16.23	16.2	16.15	17.5
	64QAM	1	0	16.4	16.85	16.82	17.5
		1	2	15.79	15.41	15.71	17.5
		1	5	16.66	16.79	16.04	17.5
		3	0	16.49	16.49	16.57	17.5
		3	2	16.47	16.44	16.58	17.5
		3	3	16.5	16.52	16.58	17.5
		6	0	16.47	16.46	16.59	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	16.24	16.32	16.22	17.5
		1	7	15.97	15.22	16.02	17.5
		1	14	16.3	16.26	16.33	17.5
		8	0	16.14	16.28	16.37	17.5
		8	4	16.19	16.35	16.24	17.5
		8	7	16.18	16.31	16.33	17.5
		15	0	16.21	16.36	16.25	17.5
	16QAM	1	0	16.48	16.56	16.59	17.5
		1	7	14.97	14.88	16.38	17.5
		1	14	16.46	16.46	16.58	17.5
		8	0	16.14	16.28	16.29	17.5
		8	4	16.13	16.15	16.23	17.5
		8	7	16.1	16.22	16.25	17.5
		15	0	16.13	16.18	16.26	17.5
	64QAM	1	0	16.35	16.05	16.63	17.5
		1	7	14.87	15.54	16.11	17.5
		1	14	16.58	16.51	16.57	17.5
		8	0	16.45	16.4	16.47	17.5
		8	4	16.39	16.37	16.5	17.5
		8	7	16.45	16.43	16.51	17.5
		15	0	16.47	16.37	16.5	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.22	16.24	16.27	17.5
		1	13	15.96	15.22	16.08	17.5
		1	24	16.27	16.25	16.31	17.5
		12	0	16.26	16.25	16.25	17.5
		12	6	16.17	16.32	16.23	17.5
		12	13	16.16	16.21	16.28	17.5
		25	0	16.2	16.27	16.3	17.5
	16QAM	1	0	16.51	16.47	16.49	17.5
		1	13	14.99	14.94	16.36	17.5
		1	24	16.54	16.52	16.56	17.5
		12	0	16.1	16.31	16.25	17.5
		12	6	16.08	16.15	16.2	17.5
		12	13	16.11	16.27	16.2	17.5
		25	0	16.14	16.24	16.18	17.5
	64QAM	1	0	16.37	16	16.63	17.5
		1	13	14.86	15.5	16.11	17.5
		1	24	16.58	16.5	16.59	17.5
		12	0	16.42	16.43	16.47	17.5
		12	6	16.4	16.38	16.48	17.5
		12	13	16.41	16.48	16.48	17.5
		25	0	16.45	16.38	16.5	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	16.18	16.33	16.32	17.5
		1	25	15.98	15.22	16.06	17.5
		1	49	16.21	16.24	16.35	17.5
		25	0	16.26	16.24	16.37	17.5
		25	13	16.19	16.28	16.26	17.5
		25	25	16.28	16.28	16.36	17.5
		50	0	16.27	16.24	16.25	17.5
	16QAM	1	0	16.43	16.59	16.44	17.5
		1	25	14.94	14.84	16.38	17.5
		1	49	16.47	16.5	16.58	17.5
		25	0	16.16	16.27	16.2	17.5
		25	13	16.05	16.22	16.2	17.5
		25	25	16.09	16.17	16.2	17.5
		50	0	16.15	16.25	16.14	17.5
	64QAM	1	0	16.39	16.85	16.78	17.5
		1	25	15.83	15.37	15.71	17.5
		1	49	16.66	16.82	16	17.5
		25	0	16.48	16.49	16.56	17.5
		25	13	16.48	16.45	16.54	17.5
		25	25	16.51	16.49	16.6	17.5
		50	0	16.5	16.48	16.56	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	16.18	16.25	16.23	17.5
		1	38	16.01	15.28	16.16	17.5
		1	74	16.19	16.22	16.37	17.5
		36	0	16.24	16.23	16.35	17.5
		36	18	16.16	16.25	16.27	17.5
		36	39	16.15	16.19	16.3	17.5
		75	0	16.25	16.35	16.37	17.5
	16QAM	1	0	16.57	16.58	16.44	17.5
		1	38	14.92	14.85	16.48	17.5
		1	74	16.53	16.46	16.6	17.5
		36	0	16.1	16.2	16.26	17.5
		36	18	16.11	16.16	16.19	17.5
		36	39	16.21	16.17	16.24	17.5
		75	0	16.14	16.16	16.18	17.5
	64QAM	1	0	16.46	16.13	16.7	17.5
		1	38	14.99	15.61	16.2	17.5
		1	74	16.69	16.6	16.7	17.5
		36	0	16.54	16.52	16.58	17.5
		36	18	16.51	16.49	16.59	17.5
		36	39	16.52	16.55	16.6	17.5
		75	0	16.55	16.48	16.6	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	16.28	16.34	16.36	17.5
		1	50	16.04	15.99	16.17	17.5
		1	99	16.31	16.31	16.42	17.5
		50	0	16.27	16.37	16.37	17.5
		50	25	16.26	16.36	16.34	17.5
		50	50	16.29	16.33	16.4	17.5
		100	0	16.28	16.37	16.37	17.5
	16QAM	1	0	16.57	16.61	16.59	17.5
		1	50	15.56	15.97	16.48	17.5
		1	99	16.59	16.59	16.6	17.5
		50	0	16.2	16.32	16.29	17.5
		50	25	16.18	16.28	16.29	17.5
		50	50	16.23	16.28	16.33	17.5
		100	0	16.24	16.29	16.27	17.5
	64QAM	1	0	16.49	16.94	16.89	17.5
		1	50	15.89	15.57	15.78	17.5
		1	99	16.77	16.89	16.11	17.5
		50	0	16.57	16.57	16.64	17.5
		50	25	16.57	16.54	16.65	17.5
		50	50	16.58	16.58	16.66	17.5
		100	0	16.56	16.56	16.65	17.5

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LTE Band 2 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	13.21	13.37	13.72	14.5
		1	2	12.91	13.33	12.67	14.5
		1	5	12.85	13.52	13.37	14.5
		3	0	13.44	13.21	13.44	14.5
		3	2	13.11	13.19	12.94	14.5
		3	3	12.91	13.08	12.71	14.5
		6	0	13.29	13.19	13.33	14.5
	16QAM	1	0	13.33	13.35	13.64	14.5
		1	2	12.99	13.48	12.76	14.5
		1	5	13.07	13.59	13.33	14.5
		3	0	13.11	12.92	13.1	14.5
		3	2	12.79	12.89	12.59	14.5
		3	3	12.68	12.81	12.63	14.5
		6	0	12.95	12.95	12.99	14.5
	64QAM	1	0	13.76	13.46	13.71	14.5
		1	2	13.14	13.72	12.8	14.5
		1	5	13	13.81	13.84	14.5
		3	0	13.67	13.36	13.34	14.5
		3	2	13.1	13.28	12.81	14.5
		3	3	12.87	13.21	12.94	14.5
		6	0	13.29	13.35	13.23	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	13.19	13.32	13.64	14.5
		1	7	12.94	13.3	12.74	14.5
		1	14	12.89	13.64	13.32	14.5
		8	0	13.4	13.18	13.48	14.5
		8	4	13.02	13.26	12.94	14.5
		8	7	12.94	13.05	12.75	14.5
		15	0	13.24	13.2	13.38	14.5
	16QAM	1	0	13.34	13.34	13.7	14.5
		1	7	13.11	13.49	12.78	14.5
		1	14	13.09	13.54	13.25	14.5
		8	0	13.22	12.98	13.09	14.5
		8	4	12.84	12.99	12.57	14.5
		8	7	12.56	12.85	12.65	14.5
		15	0	13.02	13.03	13.07	14.5
	64QAM	1	0	13.82	13.69	13.83	14.5
		1	7	13.28	13.76	12.85	14.5
		1	14	13.2	13.97	13.91	14.5
		8	0	13.79	13.49	13.41	14.5
		8	4	13.19	13.42	13.04	14.5
		8	7	12.96	13.39	13.06	14.5
		15	0	13.45	13.55	13.49	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	13.21	13.32	13.61	14.5
		1	13	12.94	13.3	12.67	14.5
		1	24	12.89	13.63	13.35	14.5
		12	0	13.52	13.2	13.49	14.5
		12	6	13.11	13.22	12.83	14.5
		12	13	12.88	13.14	12.76	14.5
		25	0	13.23	13.13	13.31	14.5
	16QAM	1	0	13.2	13.34	13.63	14.5
		1	13	13.11	13.41	12.72	14.5
		1	24	13.04	13.53	13.23	14.5
		12	0	13.18	12.96	12.98	14.5
		12	6	12.8	12.91	12.58	14.5
		12	13	12.69	12.82	12.61	14.5
		25	0	12.94	12.98	13	14.5
	64QAM	1	0	13.76	13.52	13.77	14.5
		1	13	13.15	13.69	12.83	14.5
		1	24	12.98	13.83	13.82	14.5
		12	0	13.66	13.33	13.3	14.5
		12	6	13.12	13.3	12.83	14.5
		12	13	12.85	13.21	12.96	14.5
		25	0	13.28	13.39	13.28	14.5

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	13.24	13.35	13.61	14.5
		1	25	13.02	13.34	12.67	14.5
		1	49	12.98	13.55	13.33	14.5
		25	0	13.51	13.2	13.45	14.5
		25	13	13.03	13.2	12.96	14.5
		25	25	12.95	13.13	12.75	14.5
		50	0	13.31	13.15	13.4	14.5
	16QAM	1	0	13.3	13.4	13.69	14.5
		1	25	12.98	13.45	12.75	14.5
		1	49	13.06	13.51	13.29	14.5
		25	0	13.12	12.92	12.99	14.5
		25	13	12.76	12.87	12.62	14.5
		25	25	12.67	12.78	12.59	14.5
		50	0	13.01	13.05	13.01	14.5
	64QAM	1	0	13.82	13.69	13.85	14.5
		1	25	13.31	13.76	12.89	14.5
		1	49	13.2	13.95	13.9	14.5
		25	0	13.78	13.46	13.39	14.5
		25	13	13.18	13.42	13.04	14.5
		25	25	12.98	13.37	13.08	14.5
		50	0	13.43	13.51	13.49	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	13.21	13.29	13.62	14.5
		1	38	12.93	13.25	12.72	14.5
		1	74	12.87	13.55	13.31	14.5
		36	0	13.47	13.14	13.44	14.5
		36	18	12.99	13.23	12.96	14.5
		36	39	12.91	13.17	12.77	14.5
		75	0	13.19	13.13	13.4	14.5
	16QAM	1	0	13.29	13.43	13.73	14.5
		1	38	12.99	13.47	12.64	14.5
		1	74	13.08	13.51	13.24	14.5
		36	0	13.21	12.97	13.06	14.5
		36	18	12.73	12.94	12.59	14.5
		36	39	12.68	12.85	12.6	14.5
		75	0	12.89	13.05	12.94	14.5
	64QAM	1	0	13.83	13.59	13.84	14.5
		1	38	13.23	13.79	12.92	14.5
		1	74	13.09	13.94	13.94	14.5
		36	0	13.76	13.44	13.42	14.5
		36	18	13.19	13.38	12.91	14.5
		36	39	12.96	13.32	13.03	14.5
		75	0	13.4	13.48	13.36	14.5

Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	13.3	13.43	13.74	14.5
		1	50	13.03	13.35	12.76	14.5
		1	99	12.98	13.66	13.38	14.5
		50	0	13.53	13.28	13.49	14.5
		50	25	13.14	13.27	12.97	14.5
		50	50	12.97	13.18	12.8	14.5
		100	0	13.33	13.26	13.44	14.5
	16QAM	1	0	13.34	13.44	13.75	14.5
		1	50	13.12	13.55	12.78	14.5
		1	99	13.15	13.6	13.37	14.5
		50	0	13.24	13.06	13.12	14.5
		50	25	12.88	13.02	12.63	14.5
		50	50	12.57	12.91	12.65	14.5
		100	0	13.03	13.06	13.09	14.5
	64QAM	1	0	13.92	13.76	13.93	14.5
		1	50	13.38	13.87	12.95	14.5
		1	99	13.26	14.06	14.01	14.5
		50	0	13.88	13.56	13.5	14.5
		50	25	13.29	13.49	13.1	14.5
		50	50	13.07	13.45	13.15	14.5
		100	0	13.51	13.61	13.59	14.5

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LTE Band 2 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	11.89	11.95	12.33	13
		1	2	11.54	11.66	11.37	13
		1	5	11.44	12.05	11.75	13
		3	0	12.08	11.85	12.05	13
		3	2	11.62	11.52	11.6	13
		3	3	11.54	11.56	11.16	13
		6	0	11.89	11.82	11.92	13
	16QAM	1	0	11.9	11.96	12.48	13
		1	2	11.61	11.8	11.49	13
		1	5	11.6	12.18	12.03	13
		3	0	11.8	11.56	11.77	13
		3	2	11.51	11.52	11.38	13
		3	3	11.3	11.42	11.06	13
		6	0	11.66	11.67	11.85	13
	64QAM	1	0	12.22	12.14	12.09	13
		1	2	11.96	12.24	11.57	13
		1	5	11.68	12.71	12.26	13
		3	0	12.08	11.96	12.08	13
		3	2	11.87	11.93	11.54	13
		3	3	11.6	11.96	11.59	13
		6	0	12.1	12.03	12.03	13
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	11.81	11.93	12.34	13
		1	7	11.57	11.65	11.36	13
		1	14	11.54	12.09	11.77	13
		8	0	11.97	11.85	12.11	13
		8	4	11.59	11.58	11.54	13
		8	7	11.47	11.59	11.14	13
		15	0	11.99	11.78	12	13
	16QAM	1	0	11.96	11.88	12.47	13
		1	7	11.58	11.9	11.56	13
		1	14	11.56	12.24	11.96	13
		8	0	11.8	11.68	11.9	13
		8	4	11.44	11.46	11.49	13
		8	7	11.3	11.38	11.02	13
		15	0	11.62	11.61	11.85	13
	64QAM	1	0	12.21	11.75	12.22	13
		1	7	11.8	12.22	11.49	13
		1	14	11.55	12.23	12.22	13
		8	0	12.12	11.86	11.93	13
		8	4	11.67	11.87	11.45	13
		8	7	11.45	11.81	11.4	13
		15	0	11.92	11.9	11.91	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	11.84	11.95	12.35	13
		1	13	11.45	11.62	11.27	13
		1	24	11.42	12.01	11.74	13
		12	0	11.97	11.75	12.09	13
		12	6	11.68	11.52	11.48	13
		12	13	11.57	11.54	11.13	13
		25	0	11.99	11.69	11.96	13
	16QAM	1	0	11.9	11.93	12.44	13
		1	13	11.61	11.78	11.56	13
		1	24	11.67	12.18	11.97	13
		12	0	11.82	11.6	11.77	13
		12	6	11.43	11.47	11.51	13
		12	13	11.25	11.37	11.07	13
		25	0	11.64	11.64	11.89	13
	64QAM	1	0	12.17	11.82	12.21	13
		1	13	11.81	12.2	11.47	13
		1	24	11.53	12.24	12.18	13
		12	0	12.13	11.85	11.99	13
		12	6	11.65	11.86	11.47	13
		12	13	11.5	11.84	11.39	13
		25	0	11.94	11.9	11.92	13

Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	11.75	11.94	12.35	13
		1	25	11.57	11.62	11.27	13
		1	49	11.47	12.08	11.83	13
		25	0	12.1	11.85	12.02	13
		25	13	11.7	11.5	11.54	13
		25	25	11.57	11.58	11.11	13
		50	0	11.93	11.74	12.02	13
	16QAM	1	0	11.9	11.87	12.43	13
		1	25	11.51	11.83	11.47	13
		1	49	11.54	12.16	12.09	13
		25	0	11.8	11.67	11.91	13
		25	13	11.39	11.45	11.42	13
		25	25	11.35	11.48	11.11	13
		50	0	11.65	11.63	11.81	13
	64QAM	1	0	12.2	12.18	12.11	13
		1	25	11.95	12.22	11.6	13
		1	49	11.64	12.65	12.24	13
		25	0	12.05	11.96	12.07	13
		25	13	11.82	11.95	11.56	13
		25	25	11.64	11.97	11.58	13
		50	0	12.09	12.04	12	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	11.78	11.98	12.46	13
		1	38	11.49	11.58	11.4	13
		1	74	11.47	12.1	11.88	13
		36	0	12.01	11.81	12.08	13
		36	18	11.7	11.5	11.5	13
		36	39	11.5	11.51	11.06	13
		75	0	11.94	11.77	11.93	13
	16QAM	1	0	12.02	11.85	12.41	13
		1	38	11.49	11.82	11.49	13
		1	74	11.63	12.12	12.02	13
		36	0	11.87	11.66	11.81	13
		36	18	11.42	11.54	11.45	13
		36	39	11.33	11.47	11.1	13
		75	0	11.71	11.6	11.84	13
	64QAM	1	0	12.32	11.9	12.34	13
		1	38	11.92	12.31	11.59	13
		1	74	11.63	12.38	12.31	13
		36	0	12.22	11.95	12.08	13
		36	18	11.8	11.95	11.55	13
		36	39	11.58	11.96	11.54	13
		75	0	12.04	12.03	12	13
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	11.89	11.98	12.47	13
		1	50	11.6	11.7	11.41	13
		1	99	11.56	12.14	11.88	13
		50	0	12.12	11.87	12.12	13
		50	25	11.73	11.65	11.6	13
		50	50	11.58	11.6	11.2	13
		100	0	12	11.82	12.03	13
	16QAM	1	0	12.04	11.99	12.53	13
		1	50	11.64	11.92	11.61	13
		1	99	11.68	12.25	12.1	13
		50	0	11.88	11.68	11.92	13
		50	25	11.52	11.54	11.52	13
		50	50	11.37	11.5	11.11	13
		100	0	11.76	11.71	11.93	13
	64QAM	1	0	12.27	12.24	12.17	13
		1	50	12.03	12.32	11.65	13
		1	99	11.75	12.76	12.34	13
		50	0	12.15	12.03	12.18	13
		50	25	11.93	12.04	11.65	13
		50	50	11.71	12.06	11.65	13
		100	0	12.18	12.14	12.09	13

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LTE Band 4 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	21.22	21.17	21.03	21.5
		1	2	21.05	21.14	21.25	21.5
		1	5	20.86	20.95	21.10	21.5
		3	0	20.83	21.03	21.10	21.5
		3	2	21.04	20.96	21.23	21.5
		3	3	20.84	20.97	21.13	21.5
		6	0	20.84	20.99	20.99	21.5
	16QAM	1	0	21.18	21.13	21.17	21.5
		1	2	20.97	21.24	21.37	21.5
		1	5	21.08	21.08	21.35	21.5
		3	0	21.03	21.31	21.09	21.5
		3	2	21.17	21.22	21.19	21.5
		3	3	20.94	21.27	21.21	21.5
		6	0	20.87	20.87	21.04	21.5
	64QAM	1	0	20.08	20.27	20.24	21.5
		1	2	19.91	20.03	19.92	21.5
		1	5	20.32	20.21	20.22	21.5
		3	0	20.06	20.04	19.99	21.5
		3	2	19.99	19.98	19.95	21.5
		3	3	19.99	19.97	20	21.5
		6	0	20.04	20.06	19.98	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	20.99	21.06	20.80	21.5
		1	7	21.04	20.97	21.05	21.5
		1	14	20.97	20.47	21.13	21.5
		8	0	21.29	21.27	20.72	21.5
		8	4	20.85	20.98	20.92	21.5
		8	7	20.96	20.82	21.11	21.5
		15	0	20.75	21.06	20.84	21.5
	16QAM	1	0	21.30	21.29	21.12	21.5
		1	7	21.21	21.21	21.14	21.5
		1	14	21.01	20.81	20.93	21.5
		8	0	20.89	21.24	20.71	21.5
		8	4	20.91	21.02	20.87	21.5
		8	7	20.75	20.87	20.84	21.5
		15	0	20.79	20.97	20.73	21.5
	64QAM	1	0	20.07	20.26	20.26	21.5
		1	7	19.9	20	19.94	21.5
		1	14	20.33	20.21	20.24	21.5
		8	0	20.08	20.04	19.99	21.5
		8	4	20.02	19.99	19.96	21.5
		8	7	19.99	19.98	19.99	21.5
		15	0	20.05	20.03	19.96	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	21.13	21.46	21.20	21.5
		1	13	21.02	21.03	20.94	21.5
		1	24	21.08	20.62	20.98	21.5
		12	0	20.93	21.08	21.00	21.5
		12	6	21.08	20.91	20.74	21.5
		12	13	21.17	20.68	20.85	21.5
		25	0	21.18	20.89	20.76	21.5
	16QAM	1	0	21.10	21.42	21.09	21.5
		1	13	21.18	21.19	20.75	21.5
		1	24	21.04	20.79	20.94	21.5
		12	0	21.05	21.23	21.16	21.5
		12	6	20.97	21.02	20.69	21.5
		12	13	21.14	20.77	20.84	21.5
		25	0	21.00	20.97	20.71	21.5
	64QAM	1	0	20.09	20.25	20.26	21.5
		1	13	19.88	20.02	19.94	21.5
		1	24	20.33	20.23	20.25	21.5
		12	0	20.06	20.04	20.01	21.5
		12	6	20.02	19.97	19.96	21.5
		12	13	19.99	19.95	19.99	21.5
		25	0	20.03	20.05	19.97	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.21	20.69	19.83	21.5
		1	25	21.24	21.05	20.94	21.5
		1	49	21.07	20.37	20.72	21.5
		25	0	21.24	21.31	20.86	21.5
		25	13	21.18	20.87	20.85	21.5
		25	25	21.18	20.41	20.71	21.5
		50	0	20.96	20.91	20.74	21.5
	16QAM	1	0	20.45	20.62	20.07	21.5
		1	25	21.49	21.23	21.26	21.5
		1	49	21.43	20.58	20.92	21.5
		25	0	21.11	21.19	20.83	21.5
		25	13	21.02	20.77	20.68	21.5
		25	25	20.98	20.35	20.78	21.5
		50	0	20.90	20.87	20.66	21.5
	64QAM	1	0	20.07	20.24	20.26	21.5
		1	25	19.9	20.03	19.92	21.5
		1	49	20.3	20.22	20.24	21.5
		25	0	20.08	20.02	19.98	21.5
		25	13	20.02	19.97	19.96	21.5
		25	25	20.01	19.95	19.98	21.5
		50	0	20.04	20.05	19.97	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.39	20.83	20.06	21.5
		1	38	21.19	20.98	20.79	21.5
		1	74	21.37	20.38	20.73	21.5
		36	0	20.99	21.37	20.75	21.5
		36	18	21.12	20.97	20.85	21.5
		36	39	21.18	20.61	20.92	21.5
		75	0	21.15	20.96	20.86	21.5
	16QAM	1	0	20.60	20.95	20.17	21.5
		1	38	21.41	21.09	20.81	21.5
		1	74	21.43	20.56	20.99	21.5
		36	0	21.04	21.30	20.91	21.5
		36	18	21.14	21.04	20.79	21.5
		36	39	21.11	20.73	20.87	21.5
		75	0	20.96	20.89	20.71	21.5
	64QAM	1	0	20.11	20.29	20.28	21.5
		1	38	19.93	20.05	19.97	21.5
		1	74	20.35	20.26	20.27	21.5
		36	0	20.1	20.07	20.03	21.5
		36	18	20.04	20.02	20	21.5
		36	39	20.03	20	20.02	21.5
		75	0	20.08	20.08	20.01	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	20.73	21.34	20.11	21.5
		1	50	21.46	21.16	20.88	21.5
		1	99	21.04	20.49	20.57	21.5
		50	0	21.09	21.43	20.80	21.5
		50	25	21.37	20.98	20.69	21.5
		50	50	21.32	20.82	20.93	21.5
		100	0	21.37	20.96	20.82	21.5
	16QAM	1	0	20.75	21.37	20.56	21.5
		1	50	21.47	21.16	21.07	21.5
		1	99	21.30	20.53	20.80	21.5
		50	0	21.15	21.34	20.72	21.5
		50	25	21.18	20.96	20.75	21.5
		50	50	21.37	20.70	20.93	21.5
		100	0	21.23	21.07	20.80	21.5
	64QAM	1	0	20.14	20.33	20.31	21.5
		1	50	19.98	20.1	20.01	21.5
		1	99	20.38	20.29	20.3	21.5
		50	0	20.14	20.1	20.06	21.5
		50	25	20.07	20.07	20.04	21.5
		50	50	20.08	20.04	20.05	21.5
		100	0	20.12	20.11	20.04	21.5

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LTE Band 4 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	20.92	20.95	20.74	21.5
		1	2	20.83	20.89	20.96	21.5
		1	5	20.61	20.76	20.99	21.5
		3	0	20.73	20.83	20.82	21.5
		3	2	20.81	20.80	20.94	21.5
		3	3	20.69	20.73	20.98	21.5
		6	0	20.71	20.78	20.87	21.5
	16QAM	1	0	20.94	21.01	20.95	21.5
		1	2	20.79	20.98	21.18	21.5
		1	5	20.84	20.86	21.19	21.5
		3	0	20.77	21.10	20.87	21.5
		3	2	20.87	21.00	21.00	21.5
		3	3	20.74	21.00	21.02	21.5
		6	0	20.73	20.75	20.88	21.5
	64QAM	1	0	20.58	20.29	20.26	21.5
		1	2	19.85	19.75	19.78	21.5
		1	5	20.46	20.22	20.23	21.5
		3	0	20.12	20.11	20.03	21.5
		3	2	20.06	20.09	20.01	21.5
		3	3	20.09	20.03	19.98	21.5
		6	0	20.04	20.11	20.04	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	20.88	20.88	20.61	21.5
		1	7	20.78	20.83	20.75	21.5
		1	14	20.71	20.35	20.91	21.5
		8	0	21.03	21.05	20.61	21.5
		8	4	20.69	20.74	20.66	21.5
		8	7	20.83	20.55	20.82	21.5
		15	0	20.63	20.78	20.66	21.5
	16QAM	1	0	21.02	21.06	20.97	21.5
		1	7	20.95	21.04	21.02	21.5
		1	14	20.88	20.56	20.81	21.5
		8	0	20.77	20.95	20.60	21.5
		8	4	20.63	20.81	20.68	21.5
		8	7	20.62	20.73	20.69	21.5
		15	0	20.58	20.78	20.60	21.5
	64QAM	1	0	20.52	20.28	20.22	21.5
		1	7	19.82	19.71	19.73	21.5
		1	14	20.42	20.16	20.2	21.5
		8	0	20.11	20.08	20.02	21.5
		8	4	20.03	20.04	19.97	21.5
		8	7	20.06	20	19.96	21.5
		15	0	19.98	20.06	20.01	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	20.88	21.22	20.92	21.5
		1	13	20.88	20.84	20.67	21.5
		1	24	20.89	20.39	20.79	21.5
		12	0	20.82	20.95	20.88	21.5
		12	6	20.82	20.80	20.58	21.5
		12	13	20.96	20.51	20.59	21.5
		25	0	20.88	20.69	20.51	21.5
	16QAM	1	0	20.95	21.29	20.81	21.5
		1	13	20.95	20.97	20.59	21.5
		1	24	20.90	20.55	20.71	21.5
		12	0	20.79	20.97	20.87	21.5
		12	6	20.79	20.85	20.55	21.5
		12	13	20.95	20.55	20.59	21.5
		25	0	20.85	20.68	20.51	21.5
	64QAM	1	0	20.57	20.31	20.27	21.5
		1	13	19.86	19.75	19.77	21.5
		1	24	20.46	20.21	20.22	21.5
		12	0	20.14	20.13	20.03	21.5
		12	6	20.07	20.08	19.99	21.5
		12	13	20.11	20.03	20	21.5
		25	0	20.05	20.11	20.04	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.04	20.44	19.71	21.5
		1	25	21.01	20.87	20.84	21.5
		1	49	20.85	20.24	20.51	21.5
		25	0	21.01	21.02	20.59	21.5
		25	13	20.94	20.71	20.59	21.5
		25	25	20.90	20.27	20.59	21.5
		50	0	20.75	20.63	20.55	21.5
	16QAM	1	0	20.18	20.51	19.89	21.5
		1	25	21.20	20.99	21.02	21.5
		1	49	21.20	20.32	20.70	21.5
		25	0	20.92	20.97	20.56	21.5
		25	13	20.88	20.66	20.57	21.5
		25	25	20.84	20.22	20.58	21.5
		50	0	20.70	20.61	20.52	21.5
	64QAM	1	0	20.52	20.27	20.23	21.5
		1	25	19.81	19.71	19.73	21.5
		1	49	20.41	20.15	20.2	21.5
		25	0	20.1	20.1	20	21.5
		25	13	20.03	20.03	19.95	21.5
		25	25	20.05	20.01	19.96	21.5
		50	0	20	20.06	20.02	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.19	20.68	19.88	21.5
		1	38	21.06	20.81	20.51	21.5
		1	74	21.18	20.19	20.60	21.5
		36	0	20.89	21.12	20.52	21.5
		36	18	20.96	20.77	20.56	21.5
		36	39	21.03	20.47	20.63	21.5
		75	0	20.89	20.70	20.65	21.5
	16QAM	1	0	20.46	20.79	20.06	21.5
		1	38	21.43	20.92	20.69	21.5
		1	74	21.47	20.29	20.78	21.5
		36	0	20.81	21.09	20.61	21.5
		36	18	20.90	20.75	20.67	21.5
		36	39	20.98	20.45	20.60	21.5
		75	0	20.82	20.67	20.61	21.5
	64QAM	1	0	20.57	20.31	20.26	21.5
		1	38	19.86	19.75	19.77	21.5
		1	74	20.45	20.2	20.24	21.5
		36	0	20.14	20.13	20.05	21.5
		36	18	20.07	20.08	20	21.5
		36	39	20.09	20.04	19.99	21.5
		75	0	20.03	20.1	20.05	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	20.47	21.14	19.97	21.5
		1	50	21.25	20.95	20.61	21.5
		1	99	20.80	20.32	20.32	21.5
		50	0	20.99	21.21	20.65	21.5
		50	25	21.12	20.76	20.51	21.5
		50	50	21.13	20.62	20.65	21.5
		100	0	21.07	20.86	20.69	21.5
	16QAM	1	0	20.55	21.19	20.45	21.5
		1	50	21.46	20.98	20.92	21.5
		1	99	21.00	20.35	20.66	21.5
		50	0	20.89	21.18	20.61	21.5
		50	25	21.05	20.75	20.47	21.5
		50	50	21.19	20.60	20.63	21.5
		100	0	21.03	20.82	20.65	21.5
	64QAM	1	0	20.62	20.34	20.31	21.5
		1	50	19.89	19.8	19.82	21.5
		1	99	20.5	20.25	20.27	21.5
		50	0	20.17	20.16	20.08	21.5
		50	25	20.11	20.13	20.04	21.5
		50	50	20.14	20.07	20.03	21.5
		100	0	20.08	20.15	20.09	21.5

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LTE Band 4 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.88	18.77	18.52	19
		1	2	18.89	18.78	18.57	19
		1	5	18.72	18.68	18.65	19
		3	0	18.94	18.70	18.52	19
		3	2	18.94	18.68	18.63	19
		3	3	18.82	18.63	18.68	19
		6	0	18.88	18.76	18.59	19
	16QAM	1	0	18.86	18.84	18.46	19
		1	2	18.91	18.86	18.53	19
		1	5	18.75	18.91	18.60	19
		3	0	18.98	18.77	18.58	19
		3	2	18.90	18.73	18.64	19
		3	3	18.94	18.82	18.74	19
		6	0	18.91	18.67	18.58	19
	64QAM	1	0	17.97	17.7	17.9	19
		1	2	17.93	17.65	17.3	19
		1	5	17.83	17.74	17.62	19
		3	0	17.62	17.57	17.54	19
		3	2	17.55	17.57	17.49	19
		3	3	17.52	17.5	17.51	19
		6	0	17.58	17.58	17.52	19
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.89	18.84	18.43	19
		1	7	18.78	18.79	18.52	19
		1	14	18.60	18.43	18.61	19
		8	0	18.79	18.74	18.53	19
		8	4	18.78	18.73	18.47	19
		8	7	18.76	18.57	18.72	19
		15	0	18.78	18.67	18.47	19
	16QAM	1	0	18.86	18.98	18.53	19
		1	7	18.98	18.94	18.61	19
		1	14	18.99	18.35	18.69	19
		8	0	18.84	18.72	18.52	19
		8	4	18.88	18.72	18.46	19
		8	7	18.93	18.54	18.50	19
		15	0	18.73	18.64	18.43	19
	64QAM	1	0	17.98	17.7	17.9	19
		1	7	17.94	17.65	17.3	19
		1	14	17.82	17.74	17.63	19
		8	0	17.63	17.59	17.56	19
		8	4	17.54	17.57	17.5	19
		8	7	17.52	17.51	17.5	19
		15	0	17.59	17.57	17.54	19

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.79	18.87	18.81	19
		1	13	18.86	18.81	18.60	19
		1	24	18.90	18.30	18.58	19
		12	0	18.87	18.89	18.72	19
		12	6	18.86	18.77	18.45	19
		12	13	18.74	18.51	18.45	19
		25	0	18.77	18.67	18.37	19
	16QAM	1	0	18.89	18.88	18.94	19
		1	13	18.76	18.95	18.70	19
		1	24	18.90	18.46	18.70	19
		12	0	18.88	18.94	18.68	19
		12	6	18.78	18.81	18.41	19
		12	13	18.89	18.55	18.41	19
		25	0	18.86	18.64	18.32	19
	64QAM	1	0	17.99	17.69	17.9	19
		1	13	16.94	17.64	17.3	19
		1	24	17.82	17.76	17.64	19
		12	0	17.62	17.58	17.56	19
		12	6	17.53	17.55	17.51	19
		12	13	17.52	17.49	17.52	19
		25	0	17.6	17.57	17.52	19

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.14	18.32	17.56	19
		1	25	18.84	18.80	18.61	19
		1	49	18.93	18.25	18.17	19
		25	0	18.89	18.99	18.49	19
		25	13	18.87	18.70	18.38	19
		25	25	18.77	18.30	18.40	19
		50	0	18.76	18.65	18.37	19
	16QAM	1	0	18.85	18.24	17.75	19
		1	25	18.86	18.88	18.81	19
		1	49	18.81	18.28	18.37	19
		25	0	18.84	18.98	18.47	19
		25	13	18.80	18.67	18.37	19
		25	25	18.79	18.28	18.39	19
		50	0	18.78	18.62	18.32	19
	64QAM	1	0	17.98	17.7	17.9	19
		1	25	17.94	17.64	17.3	19
		1	49	17.81	17.75	17.61	19
		25	0	17.62	17.58	17.55	19
		25	13	17.52	17.56	17.51	19
		25	25	17.52	17.48	17.51	19
		50	0	17.6	17.56	17.54	19

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.16	18.53	17.76	19
		1	38	18.84	18.80	18.42	19
		1	74	18.85	18.52	18.26	19
		36	0	18.82	18.87	18.50	19
		36	18	18.81	18.76	18.56	19
		36	39	18.87	18.64	18.45	19
		75	0	18.85	18.71	18.63	19
	16QAM	1	0	18.30	18.70	17.67	19
		1	38	18.94	18.85	18.44	19
		1	74	18.86	18.76	18.23	19
		36	0	18.81	18.77	18.59	19
		36	18	18.82	18.75	18.62	19
		36	39	18.88	18.63	18.42	19
		75	0	18.79	18.64	18.57	19
	64QAM	1	0	17.97	17.68	17.88	19
		1	38	17.91	17.64	17.29	19
		1	74	17.8	17.74	17.61	19
		36	0	17.63	17.57	17.53	19
		36	18	17.53	17.55	17.48	19
		36	39	17.51	17.48	17.5	19
		75	0	17.59	17.58	17.53	19
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.47	18.84	17.99	19
		1	50	18.97	18.84	18.55	19
		1	99	18.67	18.12	18.06	19
		50	0	18.83	18.87	18.60	19
		50	25	18.89	18.69	18.52	19
		50	50	18.96	18.71	18.51	19
		100	0	18.81	18.72	18.70	19
	16QAM	1	0	18.72	18.94	18.28	19
		1	50	18.98	18.98	18.85	19
		1	99	18.87	18.25	18.34	19
		50	0	18.89	18.89	18.77	19
		50	25	18.88	18.64	18.44	19
		50	50	18.87	18.68	18.43	19
		100	0	18.82	18.66	18.64	19
	64QAM	1	0	18.02	17.74	17.93	19
		1	50	17.97	17.68	17.35	19
		1	99	17.86	17.79	17.67	19
		50	0	17.66	17.62	17.59	19
		50	25	17.58	17.6	17.54	19
		50	50	17.55	17.54	17.55	19
		100	0	17.63	17.62	17.57	19

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LTE Band 4 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.2	17.62	17.51	19
		1	2	17.65	17.39	17.31	19
		1	5	17.47	17.58	17.5	19
		3	0	17.11	17.52	17.43	19
		3	2	17.25	17.57	17.21	19
		3	3	17.14	17.38	17.41	19
		6	0	17.58	17.5	17.33	19
	16QAM	1	0	17.01	17.88	17.71	19
		1	2	17.61	17.67	17.54	19
		1	5	17.42	17.86	17.74	19
		3	0	17.04	17.56	17.49	19
		3	2	17.48	17.56	17.5	19
		3	3	17.3	17.59	17.49	19
		6	0	17.12	17.48	17.44	19
	64QAM	1	0	17.56	17.51	17.5	19
		1	2	17.58	17.58	17.52	19
		1	5	17.8	17.82	17.69	19
		3	0	17.45	17.33	17.71	19
		3	2	17.76	17.82	17.65	19
		3	3	17.62	17.54	17.58	19
		6	0	17.55	17.48	17.55	19
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.59	17.6	17.52	19
		1	7	17.01	17.17	17.15	19
		1	14	17.6	17.57	17.46	19
		8	0	17.61	17.57	17.51	19
		8	4	17.54	17.54	17.45	19
		8	7	17.46	17.54	17.5	19
		15	0	17.56	17.55	17.45	19
	16QAM	1	0	17.87	17.89	17.87	19
		1	7	17.24	17.08	17.19	19
		1	14	17.79	17.89	17.8	19
		8	0	17.56	17.56	17.42	19
		8	4	17.58	17.59	17.47	19
		8	7	17.49	17.47	17.48	19
		15	0	17.54	17.56	17.46	19
	64QAM	1	0	17.75	17.65	17.66	19
		1	7	17.79	17.79	17.76	19
		1	14	17.71	17.6	17.59	19
		8	0	17.65	17.64	17.59	19
		8	4	17.55	17.55	17.57	19
		8	7	17.58	17.6	17.59	19
		15	0	17.58	17.58	17.53	19

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.44	17.59	17.55	19
		1	13	17.12	17.59	17.52	19
		1	24	17.59	17.53	17.49	19
		12	0	17.44	17.65	17.55	19
		12	6	17.09	17.56	17.47	19
		12	13	17.39	17.64	17.5	19
		25	0	17.43	17.56	17.5	19
	16QAM	1	0	17.86	17.87	17.78	19
		1	13	17.88	17.8	17.74	19
		1	24	17.82	17.8	17.74	19
		12	0	17.61	17.61	17.49	19
		12	6	17.56	17.51	17.43	19
		12	13	17.55	17.58	17.48	19
		25	0	17.34	17.55	17.45	19
	64QAM	1	0	17.76	17.66	17.65	19
		1	13	17.8	17.79	17.78	19
		1	24	17.72	17.59	17.6	19
		12	0	17.63	17.64	17.6	19
		12	6	17.57	17.54	17.56	19
		12	13	17.59	17.61	17.6	19
		25	0	17.59	17.56	17.51	19

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.16	17.61	17.55	19
		1	25	17.12	17.46	17.33	19
		1	49	17.5	17.5	17.43	19
		25	0	17.41	17.62	17.6	19
		25	13	17.55	17.57	17.49	19
		25	25	17.57	17.53	17.51	19
		50	0	17.12	17.58	17.51	19
	16QAM	1	0	17.8	17.85	17.8	19
		1	25	17.55	17.62	17.63	19
		1	49	17.89	17.83	17.7	19
		25	0	17.57	17.51	17.5	19
		25	13	17.49	17.46	17.43	19
		25	25	17.49	17.48	17.41	19
		50	0	17.29	17.5	17.45	19
	64QAM	1	0	17.57	17.51	17.53	19
		1	25	17.57	17.6	17.54	19
		1	49	17.8	17.81	17.64	19
		25	0	17.45	17.32	17.67	19
		25	13	17.76	17.8	17.66	19
		25	25	17.62	17.54	17.56	19
		50	0	17.54	17.48	17.5	19

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.58	17.51	17.52	19
		1	38	17.57	17.57	17.56	19
		1	74	17.41	17.46	17.32	19
		36	0	17.64	17.62	17.59	19
		36	18	17.59	17.61	17.59	19
		36	39	17.58	17.59	17.55	19
		75	0	17.6	17.57	17.53	19
	16QAM	1	0	17.83	17.84	17.83	19
		1	38	17.87	17.84	17.94	19
		1	74	17.66	17.69	17.64	19
		36	0	17.55	17.57	17.52	19
		36	18	17.54	17.53	17.54	19
		36	39	17.51	17.52	17.44	19
		75	0	17.5	17.48	17.45	19
	64QAM	1	0	17.82	17.7	17.71	19
		1	38	17.84	17.85	17.82	19
		1	74	17.77	17.64	17.65	19
		36	0	17.69	17.68	17.66	19
		36	18	17.62	17.6	17.61	19
		36	39	17.65	17.65	17.66	19
		75	0	17.63	17.63	17.57	19

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.22	17.64	17.67	19
		1	50	17.72	17.35	17.38	19
		1	99	17.51	17.46	17.41	19
		50	0	17.63	17.55	17.61	19
		50	25	17.54	17.55	17.51	19
		50	50	17.49	17.51	17.5	19
		100	0	17.56	17.54	17.5	19
	16QAM	1	0	17.92	17.91	17.97	19
		1	50	17.62	17.64	17.57	19
		1	99	17.8	17.77	17.73	19
		50	0	17.52	17.54	17.52	19
		50	25	17.49	17.51	17.45	19
		50	50	17.42	17.43	17.43	19
		100	0	17.49	17.48	17.47	19
	64QAM	1	0	17.62	17.56	17.56	19
		1	50	17.61	17.63	17.57	19
		1	99	17.86	17.87	17.75	19
		50	0	17.49	17.38	17.68	19
		50	25	17.82	17.86	17.72	19
		50	50	17.65	17.58	17.76	19
		100	0	17.59	17.54	17.63	19

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LTE Band 4 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	16.31	17.08	16.45	17.5
		1	2	16.38	17.1	16.43	17.5
		1	5	16.6	17.01	16.47	17.5
		3	0	16.59	17.12	16.39	17.5
		3	2	16.17	17.13	16.43	17.5
		3	3	15.8	17.08	16.48	17.5
		6	0	16.1	17.09	16.42	17.5
	16QAM	1	0	16.17	17.17	16.63	17.5
		1	2	16.38	16.98	16.63	17.5
		1	5	15.8	17.15	16.64	17.5
		3	0	16.03	17.02	16.37	17.5
		3	2	15.46	16.79	16.31	17.5
		3	3	16.18	16.94	16.31	17.5
		6	0	16.44	16.94	16.27	17.5
	64QAM	1	0	16.05	16.01	15.99	17.5
		1	2	16.09	16.02	16.01	17.5
		1	5	16.09	16.35	16.05	17.5
		3	0	16.11	16.05	15.91	17.5
		3	2	16.16	15.93	16.23	17.5
		3	3	16.08	16.04	16.38	17.5
		6	0	16.06	16.01	16.68	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.08	16.95	16.26	17.5
		1	7	16.67	17.01	16.28	17.5
		1	14	16.4	16.64	16.17	17.5
		8	0	16.36	16.97	16.26	17.5
		8	4	16.36	16.94	16.26	17.5
		8	7	16.45	16.84	16.16	17.5
		15	0	16.83	16.67	16.27	17.5
	16QAM	1	0	16.32	17.24	16.51	17.5
		1	7	16.72	17.26	16.5	17.5
		1	14	16.6	16.95	16.37	17.5
		8	0	16.86	16.97	16.23	17.5
		8	4	16.46	16.89	16.2	17.5
		8	7	16.83	16.85	16.14	17.5
		15	0	16.67	16.84	16.21	17.5
	64QAM	1	0	16.05	16.01	15.98	17.5
		1	7	16.09	16.03	16.03	17.5
		1	14	16.1	16.36	16.06	17.5
		8	0	16.11	16.06	15.93	17.5
		8	4	16.17	15.92	16.22	17.5
		8	7	16.09	16.03	16.39	17.5
		15	0	16.03	16.03	16.69	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	16.88	17.37	16.88	17.5
		1	13	17.05	17.07	16.4	17.5
		1	24	16.87	16.74	16.31	17.5
		12	0	17	17.17	16.88	17.5
		12	6	16.86	17.07	16.4	17.5
		12	13	16.88	16.87	16.34	17.5
		25	0	17.05	17	16.33	17.5
	16QAM	1	0	16.67	17.46	17.14	17.5
		1	13	17.08	17.34	16.69	17.5
		1	24	17.22	17.04	16.52	17.5
		12	0	16.96	17.15	16.85	17.5
		12	6	16.17	17.07	16.37	17.5
		12	13	16.83	16.76	16.33	17.5
		25	0	16.48	16.84	16.19	17.5
	64QAM	1	0	16.05	16.01	16.01	17.5
		1	13	16.07	16.02	16.03	17.5
		1	24	16.08	16.35	16.07	17.5
		12	0	16.1	16.05	15.91	17.5
		12	6	16.17	15.91	16.24	17.5
		12	13	16.07	16.04	16.4	17.5
		25	0	16.05	16.01	16.69	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	16.09	16.2	15.93	17.5
		1	25	17.36	16.99	16.76	17.5
		1	49	16.86	16.5	15.88	17.5
		25	0	17.41	17.11	16.83	17.5
		25	13	17.47	16.9	16.32	17.5
		25	25	17.25	16.56	16.15	17.5
		50	0	17.31	16.82	16.33	17.5
	16QAM	1	0	15.9	16.49	16.15	17.5
		1	25	17.39	17.31	17.09	17.5
		1	49	17.04	16.86	16.24	17.5
		25	0	17.42	17.02	16.74	17.5
		25	13	17.21	16.82	16.23	17.5
		25	25	16.99	16.5	16.07	17.5
		50	0	17.23	16.73	16.25	17.5
	64QAM	1	0	16.02	16.04	15.98	17.5
		1	25	16.06	16.02	16.03	17.5
		1	49	16.09	16.37	16.05	17.5
		25	0	16.11	16.07	15.91	17.5
		25	13	16.17	15.93	16.21	17.5
		25	25	16.07	16.03	16.39	17.5
		50	0	16.03	16.02	16.67	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	16.34	16.53	16.05	17.5
		1	38	17.07	16.97	16.67	17.5
		1	74	16.96	16.49	16.01	17.5
		36	0	17.14	17.31	16.95	17.5
		36	18	17.23	16.93	16.76	17.5
		36	39	17.18	16.78	16.17	17.5
		75	0	16.97	16.89	16.46	17.5
	16QAM	1	0	16.35	16.67	16.18	17.5
		1	38	17.47	17.28	16.95	17.5
		1	74	17.45	17.03	16.3	17.5
		36	0	17.3	17.13	16.89	17.5
		36	18	16.79	16.77	16.71	17.5
		36	39	17.18	16.6	16.12	17.5
		75	0	17.14	16.24	16.37	17.5
	64QAM	1	0	16.03	16.01	15.99	17.5
		1	38	16.08	16.04	16.02	17.5
		1	74	16.09	16.34	16.08	17.5
		36	0	16.1	16.07	15.91	17.5
		36	18	16.14	15.92	16.21	17.5
		36	39	16.08	16.04	16.4	17.5
		75	0	16.03	16.02	16.68	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.78	17.48	16.46	17.5
		1	50	17.44	17.44	17.2	17.5
		1	99	17.24	16.76	16.09	17.5
		50	0	17.41	17.45	17.21	17.5
		50	25	17.39	17.18	17.07	17.5
		50	50	17.44	17.13	16.67	17.5
		100	0	17.41	17.24	17	17.5
	16QAM	1	0	16.7	17.42	16.73	17.5
		1	50	17.48	17.43	17.45	17.5
		1	99	17.37	16.94	16.35	17.5
		50	0	17.43	17.42	17.14	17.5
		50	25	17.44	17.09	17	17.5
		50	50	17.33	16.97	16.61	17.5
		100	0	17.32	17.16	16.94	17.5
	64QAM	1	0	16.07	16.06	16.03	17.5
		1	50	16.11	16.06	16.06	17.5
		1	99	16.12	16.39	16.1	17.5
		50	0	16.14	16.1	15.95	17.5
		50	25	16.19	15.96	16.26	17.5
		50	50	16.12	16.08	16.43	17.5
		100	0	16.08	16.06	16.71	17.5

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LTE Band 4 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.58	17.4	17.44	19
		1	2	16.36	17.1	17.07	19
		1	5	17.28	17.32	17.22	19
		3	0	17.36	17.39	17.45	19
		3	2	17.34	17.35	17.29	19
		3	3	17.27	17.37	17.36	19
		6	0	17.33	17.35	17.24	19
	16QAM	1	0	17.58	17.73	17.67	19
		1	2	16	17.53	17.5	19
		1	5	17.63	17.51	17.56	19
		3	0	17.28	17.27	17.26	19
		3	2	17.29	17.3	17.21	19
		3	3	17.28	17.28	17.18	19
		6	0	17.27	17.31	17.25	19
	64QAM	1	0	17.47	17.76	17.78	19
		1	2	17.55	17.81	17.5	19
		1	5	17.86	17.69	17.76	19
		3	0	17.59	17.57	17.48	19
		3	2	17.52	17.53	17.5	19
		3	3	17.54	17.5	17.54	19
		6	0	17.56	17.52	17.48	19
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.54	17.41	17.44	19
		1	7	16.37	17.16	17.13	19
		1	14	17.31	17.25	17.31	19
		8	0	17.37	17.38	17.45	19
		8	4	17.26	17.39	17.3	19
		8	7	17.25	17.3	17.29	19
		15	0	17.27	17.38	17.31	19
	16QAM	1	0	17.72	17.73	17.64	19
		1	7	16.02	17.53	17.59	19
		1	14	17.68	17.58	17.47	19
		8	0	17.38	17.2	17.24	19
		8	4	17.33	17.18	17.25	19
		8	7	17.21	17.27	17.19	19
		15	0	17.22	17.23	17.24	19
	64QAM	1	0	17.48	17.79	17.81	19
		1	7	17.58	17.81	17.51	19
		1	14	17.88	17.7	17.79	19
		8	0	17.62	17.59	17.49	19
		8	4	17.49	17.53	17.48	19
		8	7	17.55	17.53	17.51	19
		15	0	17.56	17.52	17.46	19

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.46	17.39	17.43	19
		1	13	16.25	17.12	17.17	19
		1	24	17.27	17.3	17.27	19
		12	0	17.38	17.36	17.47	19
		12	6	17.28	17.35	17.34	19
		12	13	17.38	17.31	17.35	19
		25	0	17.24	17.26	17.33	19
	16QAM	1	0	17.72	17.79	17.73	19
		1	13	16.07	17.42	17.49	19
		1	24	17.64	17.47	17.55	19
		12	0	17.33	17.24	17.29	19
		12	6	17.33	17.21	17.21	19
		12	13	17.23	17.24	17.16	19
		25	0	17.25	17.25	17.18	19
	64QAM	1	0	17.45	17.77	17.81	19
		1	13	17.59	17.79	17.52	19
		1	24	17.87	17.71	17.77	19
		12	0	17.6	17.58	17.49	19
		12	6	17.51	17.53	17.5	19
		12	13	17.56	17.53	17.53	19
		25	0	17.54	17.54	17.46	19

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.58	17.47	17.4	19
		1	25	16.31	17.18	17.19	19
		1	49	17.37	17.34	17.23	19
		25	0	17.46	17.43	17.45	19
		25	13	17.31	17.39	17.25	19
		25	25	17.38	17.29	17.32	19
		50	0	17.36	17.32	17.26	19
	16QAM	1	0	17.64	17.7	17.61	19
		1	25	16.04	17.44	17.47	19
		1	49	17.59	17.58	17.43	19
		25	0	17.37	17.23	17.35	19
		25	13	17.2	17.32	17.15	19
		25	25	17.35	17.18	17.2	19
		50	0	17.22	17.34	17.17	19
	64QAM	1	0	17.47	17.78	17.79	19
		1	25	17.59	17.8	17.5	19
		1	49	17.86	17.71	17.77	19
		25	0	17.6	17.58	17.5	19
		25	13	17.52	17.55	17.51	19
		25	25	17.53	17.51	17.53	19
		50	0	17.55	17.53	17.49	19

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.47	17.35	17.52	19
		1	38	16.31	17.21	17.08	19
		1	74	17.32	17.27	17.24	19
		36	0	17.49	17.35	17.32	19
		36	18	17.28	17.28	17.34	19
		36	39	17.32	17.3	17.32	19
		75	0	17.32	17.38	17.33	19
	16QAM	1	0	17.7	17.8	17.73	19
		1	38	16.08	17.55	17.47	19
		1	74	17.68	17.59	17.45	19
		36	0	17.33	17.28	17.24	19
		36	18	17.34	17.25	17.17	19
		36	39	17.27	17.17	17.2	19
		75	0	17.24	17.37	17.24	19
	64QAM	1	0	17.48	17.79	17.8	19
		1	38	17.56	17.82	17.53	19
		1	74	17.89	17.71	17.76	19
		36	0	17.62	17.59	17.48	19
		36	18	17.52	17.56	17.49	19
		36	39	17.54	17.5	17.53	19
		75	0	17.56	17.52	17.47	19

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.59	17.49	17.55	19
		1	50	17.38	17.24	17.22	19
		1	99	17.4	17.35	17.35	19
		50	0	17.5	17.46	17.47	19
		50	25	17.41	17.41	17.39	19
		50	50	17.4	17.4	17.36	19
		100	0	17.38	17.41	17.37	19
	16QAM	1	0	17.73	17.83	17.76	19
		1	50	16.09	17.57	17.6	19
		1	99	17.69	17.6	17.58	19
		50	0	17.41	17.34	17.36	19
		50	25	17.34	17.33	17.28	19
		50	50	17.36	17.3	17.28	19
		100	0	17.34	17.37	17.3	19
	64QAM	1	0	17.53	17.85	17.87	19
		1	50	17.64	17.87	17.58	19
		1	99	17.94	17.78	17.84	19
		50	0	17.68	17.66	17.55	19
		50	25	17.57	17.61	17.56	19
		50	50	17.61	17.58	17.59	19
		100	0	17.61	17.6	17.54	19

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LTE Band 4 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	14.65	16.06	15.99	17.5
		1	2	15.68	15.22	15.16	17.5
		1	5	15.2	16.02	15.97	17.5
		3	0	14.94	16.02	15.94	17.5
		3	2	15.92	15.64	15.43	17.5
		3	3	15.22	15.65	15.88	17.5
		6	0	14.58	15.62	15.53	17.5
	16QAM	1	0	15.71	16.33	16.22	17.5
		1	2	15.27	15.89	15.88	17.5
		1	5	15.72	16.29	16.17	17.5
		3	0	14.73	15.75	15.68	17.5
		3	2	15.09	15.75	15.62	17.5
		3	3	15.91	15.51	15.13	17.5
		6	0	15.46	15.01	15.58	17.5
	64QAM	1	0	16.12	16.09	16	17.5
		1	2	16	16.02	16	17.5
		1	5	16.05	16.04	15.97	17.5
		3	0	16.13	16.38	16.05	17.5
		3	2	15.1	15.81	15.92	17.5
		3	3	16.32	16.21	16.27	17.5
		6	0	16.1	15.97	16.34	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.23	16.07	16.01	17.5
		1	7	15.97	15.07	14.89	17.5
		1	14	15.71	16.05	15.98	17.5
		8	0	15.49	15.7	15.55	17.5
		8	4	15.66	15.47	15.16	17.5
		8	7	15.99	16.07	15.56	17.5
		15	0	16.05	16.01	15.95	17.5
	16QAM	1	0	16.23	16.34	16.27	17.5
		1	7	15.75	15.76	15.68	17.5
		1	14	16.29	16.34	16.23	17.5
		8	0	16.14	15.66	15.89	17.5
		8	4	15.56	15.47	15.96	17.5
		8	7	16.19	15.95	15.9	17.5
		15	0	15.94	15.97	15.73	17.5
	64QAM	1	0	16.1	16.06	16.04	17.5
		1	7	16.04	16.02	15.99	17.5
		1	14	16.03	16.03	15.96	17.5
		8	0	16.13	16.37	16.02	17.5
		8	4	15.13	15.8	15.93	17.5
		8	7	16.33	16.22	16.27	17.5
		15	0	16.07	15.98	16.36	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	16.06	16.18	15.97	17.5
		1	13	16.12	16.09	16.03	17.5
		1	24	15.62	16.02	15.95	17.5
		12	0	15.88	16.12	16	17.5
		12	6	15.06	16.02	15.96	17.5
		12	13	15.77	16.1	16.03	17.5
		25	0	15.6	16.06	16	17.5
	16QAM	1	0	16.17	16.28	16.3	17.5
		1	13	16.51	16.37	16.31	17.5
		1	24	16.27	16.29	16.27	17.5
		12	0	15.7	15.84	15.94	17.5
		12	6	15.92	15.97	15.57	17.5
		12	13	15.78	16.03	15.95	17.5
		25	0	15.65	16	15.72	17.5
	64QAM	1	0	16.11	16.09	16.03	17.5
		1	13	16.02	16.02	15.97	17.5
		1	24	16.06	16.06	15.97	17.5
		12	0	16.12	16.38	16.04	17.5
		12	6	15.12	15.81	15.9	17.5
		12	13	16.31	16.2	16.25	17.5
		25	0	16.11	15.98	16.37	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	16.28	15.89	16.14	17.5
		1	25	15.73	15.59	15.79	17.5
		1	49	15.76	16.21	16.1	17.5
		25	0	16.09	16.29	15.98	17.5
		25	13	15.58	16.21	16.17	17.5
		25	25	16.17	16.18	16.17	17.5
		50	0	15.77	16.21	16.17	17.5
	16QAM	1	0	16.51	16.54	16.4	17.5
		1	25	14.69	16.01	15.71	17.5
		1	49	15.46	16.3	15.59	17.5
		25	0	15.96	15.85	16	17.5
		25	13	15.91	16.02	15.95	17.5
		25	25	15.71	15.99	15.93	17.5
		50	0	16.13	15.98	15.95	17.5
	64QAM	1	0	16.1	16.09	16.04	17.5
		1	25	16.04	16	15.99	17.5
		1	49	16.05	16.04	15.96	17.5
		25	0	16.15	16.37	16.03	17.5
		25	13	15.12	15.78	15.93	17.5
		25	25	16.31	16.23	16.27	17.5
		50	0	16.11	15.98	16.33	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.12	17.28	16.99	17.5
		1	38	17.1	16.58	16.41	17.5
		1	74	17.11	16.56	15.87	17.5
		36	0	17.35	16.9	16.66	17.5
		36	18	17.1	16.23	16.5	17.5
		36	39	16.96	16.2	15.95	17.5
		75	0	17.07	16.39	16.3	17.5
	16QAM	1	0	17.4	17.48	17.26	17.5
		1	38	17.41	17.31	16.74	17.5
		1	74	16.63	16.92	16.27	17.5
		36	0	17.2	17.03	16.56	17.5
		36	18	17.17	15.98	16.41	17.5
		36	39	17.04	16.5	16.01	17.5
		75	0	16.61	16.37	16.34	17.5
	64QAM	1	0	16.12	16.06	16.03	17.5
		1	38	16.03	16.03	16	17.5
		1	74	16.03	16.07	15.98	17.5
		36	0	16.15	16.37	16.01	17.5
		36	18	15.1	15.78	15.91	17.5
		36	39	16.35	16.2	16.25	17.5
		75	0	16.1	16	16.35	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.31	16.53	16	17.5
		1	50	17.02	16.28	16.43	17.5
		1	99	16.7	16.43	15.93	17.5
		50	0	17.14	16.61	16.55	17.5
		50	25	16.71	16.15	16.25	17.5
		50	50	16.39	16.11	15.94	17.5
		100	0	16.46	16.2	16.19	17.5
	16QAM	1	0	16.71	17.07	16.29	17.5
		1	50	17.43	16.85	16.75	17.5
		1	99	17.38	16.81	16.16	17.5
		50	0	17.25	16.67	16.54	17.5
		50	25	16.94	16.21	16.32	17.5
		50	50	16.86	16.16	15.96	17.5
		100	0	16.94	16.27	16.27	17.5
	64QAM	1	0	16.16	16.13	16.08	17.5
		1	50	16.08	16.08	16.05	17.5
		1	99	16.1	16.11	16.04	17.5
		50	0	16.19	16.44	16.09	17.5
		50	25	15.18	15.86	15.97	17.5
		50	50	16.39	16.28	16.32	17.5
		100	0	16.15	16.05	16.41	17.5

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LTE Band 4 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.49	17.49	17.43	19
		1	2	16.23	17.14	17.16	19
		1	5	17.23	17.24	17.26	19
		3	0	17.39	17.28	17.4	19
		3	2	17.27	17.31	17.24	19
		3	3	17.26	17.26	17.26	19
		6	0	17.45	17.32	17.21	19
	16QAM	1	0	17.75	17.55	17.7	19
		1	2	16.14	17.29	17.41	19
		1	5	17.57	17.57	17.44	19
		3	0	17.37	17.36	17.34	19
		3	2	17.25	17.31	17.15	19
		3	3	17.18	17.23	17.24	19
		6	0	17.29	17.22	17.18	19
	64QAM	1	0	17.74	17.65	17.62	19
		1	2	17.39	17.11	17.33	19
		1	5	17.67	17.49	17.56	19
		3	0	17.53	17.48	17.38	19
		3	2	17.44	17.47	17.44	19
		3	3	17.48	17.44	17.47	19
		6	0	17.48	17.47	17.4	19
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.43	17.42	17.44	19
		1	7	16.2	17.07	17.18	19
		1	14	17.26	17.27	17.25	19
		8	0	17.35	17.25	17.35	19
		8	4	17.27	17.37	17.3	19
		8	7	17.29	17.22	17.27	19
		15	0	17.43	17.33	17.3	19
	16QAM	1	0	17.78	17.62	17.67	19
		1	7	16.15	17.25	17.45	19
		1	14	17.63	17.49	17.49	19
		8	0	17.28	17.35	17.33	19
		8	4	17.25	17.26	17.18	19
		8	7	17.29	17.21	17.18	19
		15	0	17.21	17.33	17.23	19
	64QAM	1	0	17.78	17.69	17.59	19
		1	7	17.42	17.1	17.3	19
		1	14	17.67	17.49	17.58	19
		8	0	17.51	17.44	17.41	19
		8	4	17.47	17.48	17.45	19
		8	7	17.45	17.43	17.42	19
		15	0	17.5	17.48	17.37	19

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5MHz	QPSK	1	0	17.48	17.45	17.42	19
		1	13	16.23	17.17	17.1	19
		1	24	17.31	17.24	17.31	19
		12	0	17.41	17.34	17.32	19
		12	6	17.28	17.25	17.27	19
		12	13	17.31	17.26	17.23	19
		25	0	17.36	17.38	17.32	19
	16QAM	1	0	17.65	17.55	17.77	19
		1	13	16.09	17.27	17.34	19
		1	24	17.62	17.56	17.44	19
		12	0	17.4	17.23	17.37	19
		12	6	17.21	17.31	17.23	19
		12	13	17.26	17.23	17.25	19
		25	0	17.23	17.24	17.22	19
	64QAM	1	0	17.8	17.77	17.69	19
		1	13	17.29	17.23	17.28	19
		1	24	17.81	17.8	17.7	19
		12	0	17.57	17.55	17.49	19
		12	6	17.52	17.51	17.46	19
		12	13	17.52	17.51	17.5	19
		25	0	17.52	17.49	17.46	19

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.48	17.47	17.49	19
		1	25	16.28	17.12	17.18	19
		1	49	17.32	17.29	17.29	19
		25	0	17.43	17.38	17.4	19
		25	13	17.4	17.31	17.28	19
		25	25	17.33	17.3	17.27	19
		50	0	17.44	17.32	17.27	19
	16QAM	1	0	17.72	17.61	17.69	19
		1	25	16.14	17.37	17.45	19
		1	49	17.57	17.54	17.52	19
		25	0	17.41	17.28	17.29	19
		25	13	17.22	17.27	17.14	19
		25	25	17.3	17.29	17.19	19
		50	0	17.32	17.35	17.31	19
	64QAM	1	0	17.82	17.79	17.66	19
		1	25	17.89	17.23	17.3	19
		1	49	17.82	17.79	17.73	19
		25	0	17.57	17.57	17.5	19
		25	13	17.52	17.55	17.43	19
		25	25	17.54	17.52	17.47	19
		50	0	17.54	17.51	17.48	19

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.42	17.37	17.38	19
		1	38	16.18	17.17	17.11	19
		1	74	17.34	17.34	17.33	19
		36	0	17.37	17.39	17.39	19
		36	18	17.33	17.32	17.21	19
		36	39	17.34	17.32	17.32	19
		75	0	17.37	17.29	17.35	19
	16QAM	1	0	17.69	17.6	17.69	19
		1	38	16.05	17.3	17.43	19
		1	74	17.55	17.47	17.44	19
		36	0	17.35	17.25	17.36	19
		36	18	17.26	17.34	17.14	19
		36	39	17.26	17.21	17.18	19
		75	0	17.33	17.25	17.21	19
	64QAM	1	0	17.87	17.77	17.72	19
		1	38	17.52	17.19	17.43	19
		1	74	17.78	17.59	17.68	19
		36	0	17.61	17.57	17.51	19
		36	18	17.56	17.56	17.54	19
		36	39	17.56	17.54	17.55	19
		75	0	17.6	17.6	17.5	19
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.5	17.49	17.52	19
		1	50	16.28	17.19	17.19	19
		1	99	17.38	17.36	17.33	19
		50	0	17.48	17.39	17.43	19
		50	25	17.41	17.38	17.33	19
		50	50	17.35	17.34	17.37	19
		100	0	17.46	17.38	17.36	19
	16QAM	1	0	17.78	17.67	17.79	19
		1	50	16.17	17.38	17.47	19
		1	99	17.69	17.58	17.56	19
		50	0	17.42	17.37	17.37	19
		50	25	17.36	17.37	17.28	19
		50	50	17.32	17.35	17.29	19
		100	0	17.33	17.35	17.33	19
	64QAM	1	0	17.9	17.86	17.75	19
		1	50	17.95	17.3	17.38	19
		1	99	17.89	17.86	17.8	19
		50	0	17.66	17.64	17.58	19
		50	25	17.59	17.61	17.53	19
		50	50	17.61	17.59	17.56	19
		100	0	17.6	17.59	17.54	19

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LTE Band 4 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.75	15.69	15.89	17.5
		1	2	15.99	15.13	15.2	17.5
		1	5	15.72	15.68	15.45	17.5
		3	0	15.88	15.74	15.86	17.5
		3	2	15.77	15.89	15.85	17.5
		3	3	15.75	15.77	15.81	17.5
		6	0	15.86	15.8	15.85	17.5
	16QAM	1	0	15.99	16.26	16.24	17.5
		1	2	15.71	15.13	14.59	17.5
		1	5	15.98	15.97	15.76	17.5
		3	0	16	15.72	15.81	17.5
		3	2	15.79	15.7	15.74	17.5
		3	3	15.78	15.67	15.69	17.5
		6	0	15.8	15.75	15.79	17.5
	64QAM	1	0	16.05	15.6	16.19	17.5
		1	2	16.08	14.82	14.88	17.5
		1	5	16.35	16.14	15.9	17.5
		3	0	16.1	16.05	15.97	17.5
		3	2	16.02	16	15.96	17.5
		3	3	16.04	15.99	15.94	17.5
		6	0	16.02	16.05	15.97	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.72	15.82	15.93	17.5
		1	7	15.9	15.16	15.27	17.5
		1	14	15.76	15.75	15.51	17.5
		8	0	15.97	15.87	15.84	17.5
		8	4	15.84	15.79	15.75	17.5
		8	7	15.83	15.88	15.82	17.5
		15	0	15.92	15.85	15.76	17.5
	16QAM	1	0	15.91	16.24	16.15	17.5
		1	7	15.66	15.15	14.62	17.5
		1	14	15.92	16.06	15.79	17.5
		8	0	15.95	15.75	15.76	17.5
		8	4	15.82	15.72	15.77	17.5
		8	7	15.81	15.75	15.79	17.5
		15	0	15.79	15.81	15.75	17.5
	64QAM	1	0	15.95	15.76	16.11	17.5
		1	7	15.78	14.64	14.93	17.5
		1	14	16.09	16.09	15.67	17.5
		8	0	15.88	16.04	15.95	17.5
		8	4	15.97	15.99	15.93	17.5
		8	7	15.97	16	15.92	17.5
		15	0	15.98	15.98	15.92	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.63	15.8	15.92	17.5
		1	13	15.86	15.16	15.17	17.5
		1	24	15.71	15.64	15.49	17.5
		12	0	15.98	15.82	15.87	17.5
		12	6	15.8	15.78	15.8	17.5
		12	13	15.74	15.77	15.72	17.5
		25	0	15.89	15.75	15.81	17.5
	16QAM	1	0	15.86	16.22	16.2	17.5
		1	13	15.71	15.14	14.59	17.5
		1	24	16	16.05	15.69	17.5
		12	0	16.07	15.79	15.78	17.5
		12	6	15.81	15.8	15.74	17.5
		12	13	15.77	15.7	15.67	17.5
		25	0	15.81	15.81	15.76	17.5
	64QAM	1	0	15.95	15.79	16.14	17.5
		1	13	15.76	14.64	14.9	17.5
		1	24	16.11	16.07	15.66	17.5
		12	0	15.85	16.02	15.91	17.5
		12	6	15.97	15.98	15.93	17.5
		12	13	15.98	15.99	15.96	17.5
		25	0	15.98	15.99	15.95	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.73	15.82	15.92	17.5
		1	25	15.98	15.16	15.23	17.5
		1	49	15.81	15.7	15.55	17.5
		25	0	15.86	15.73	15.98	17.5
		25	13	15.79	15.75	15.83	17.5
		25	25	15.8	15.78	15.72	17.5
		50	0	15.94	15.85	15.76	17.5
	16QAM	1	0	15.97	16.23	16.29	17.5
		1	25	15.74	15.14	14.58	17.5
		1	49	15.99	16.03	15.73	17.5
		25	0	15.96	15.71	15.79	17.5
		25	13	15.77	15.83	15.77	17.5
		25	25	15.8	15.71	15.71	17.5
		50	0	15.79	15.84	15.7	17.5
	64QAM	1	0	16.06	15.6	16.17	17.5
		1	25	16.06	14.84	14.9	17.5
		1	49	16.38	16.14	15.89	17.5
		25	0	16.12	16.05	15.96	17.5
		25	13	16.04	16.01	15.96	17.5
		25	25	16.03	15.98	15.95	17.5
		50	0	16.03	16.05	15.97	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.64	15.69	16.02	17.5
		1	38	15.91	15.18	15.27	17.5
		1	74	15.71	15.75	15.56	17.5
		36	0	15.94	15.74	15.85	17.5
		36	18	15.88	15.79	15.84	17.5
		36	39	15.78	15.81	15.84	17.5
		75	0	15.94	15.84	15.85	17.5
	16QAM	1	0	15.9	16.22	16.23	17.5
		1	38	15.63	15.16	14.66	17.5
		1	74	16.04	16.05	15.68	17.5
		36	0	15.97	15.69	15.73	17.5
		36	18	15.84	15.81	15.79	17.5
		36	39	15.81	15.66	15.68	17.5
		75	0	15.85	15.77	15.77	17.5
	64QAM	1	0	16.05	15.85	16.21	17.5
		1	38	15.86	14.72	14.99	17.5
		1	74	16.17	16.15	15.75	17.5
		36	0	15.94	16.12	16.01	17.5
		36	18	16.03	16.08	16.01	17.5
		36	39	16.04	16.06	16.02	17.5
		75	0	16.08	16.07	16.01	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.76	15.83	16.03	17.5
		1	50	16.01	15.63	15.58	17.5
		1	99	15.83	15.79	15.59	17.5
		50	0	16	15.88	15.99	17.5
		50	25	15.89	15.89	15.88	17.5
		50	50	15.84	15.89	15.85	17.5
		100	0	15.96	15.9	15.9	17.5
	16QAM	1	0	16.01	16.33	16.29	17.5
		1	50	15.75	15.27	14.67	17.5
		1	99	16.04	16.1	15.83	17.5
		50	0	16.09	15.83	15.86	17.5
		50	25	15.88	15.84	15.84	17.5
		50	50	15.82	15.78	15.81	17.5
		100	0	15.91	15.86	15.84	17.5
	64QAM	1	0	16.12	15.66	16.24	17.5
		1	50	16.13	14.89	14.95	17.5
		1	99	16.43	16.19	15.97	17.5
		50	0	16.17	16.12	16.04	17.5
		50	25	16.09	16.08	16.04	17.5
		50	50	16.09	16.05	16	17.5
		100	0	16.08	16.1	16.05	17.5

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LTE Band 4 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.32	15.34	14.42	16.5
		1	2	15.49	14.91	14.81	16.5
		1	5	15.5	14.74	15	16.5
		3	0	15.69	15.34	14.86	16.5
		3	2	15.32	14.74	14.62	16.5
		3	3	15.35	14.71	14.66	16.5
		6	0	15.39	14.93	14.8	16.5
	16QAM	1	0	15.32	15.46	14.43	16.5
		1	2	15.58	14.96	15.02	16.5
		1	5	15.66	14.93	14.97	16.5
		3	0	15.42	15.08	14.67	16.5
		3	2	15.14	14.62	14.39	16.5
		3	3	15.18	14.42	14.41	16.5
		6	0	15.24	14.78	14.64	16.5
	64QAM	1	0	15.45	15.43	14.68	16.5
		1	2	15.51	14.88	14.89	16.5
		1	5	15.38	14.63	15.59	16.5
		3	0	15.42	15.04	14.57	16.5
		3	2	15.43	14.56	14.55	16.5
		3	3	15.15	14.43	15.09	16.5
		6	0	15.27	14.73	14.64	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.28	15.33	14.4	16.5
		1	7	15.5	14.84	14.72	16.5
		1	14	15.51	14.8	14.93	16.5
		8	0	15.59	15.33	14.89	16.5
		8	4	15.31	14.84	14.7	16.5
		8	7	15.28	14.63	14.77	16.5
		15	0	15.47	15	14.84	16.5
	16QAM	1	0	15.27	15.4	14.4	16.5
		1	7	15.59	14.95	15.02	16.5
		1	14	15.67	14.85	15.02	16.5
		8	0	15.5	15.08	14.63	16.5
		8	4	15.18	14.66	14.43	16.5
		8	7	15.21	14.53	14.42	16.5
		15	0	15.26	14.7	14.52	16.5
	64QAM	1	0	15.4	15.39	14.51	16.5
		1	7	15.11	14.64	14.62	16.5
		1	14	15.32	14.45	15.36	16.5
		8	0	15.37	14.95	14.44	16.5
		8	4	15.17	14.38	14.4	16.5
		8	7	14.98	14.25	14.96	16.5
		15	0	15.14	14.54	14.59	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.34	15.29	14.34	16.5
		1	13	15.42	14.91	14.82	16.5
		1	24	15.55	14.81	14.87	16.5
		12	0	15.62	15.29	14.88	16.5
		12	6	15.33	14.74	14.67	16.5
		12	13	15.42	14.63	14.78	16.5
		25	0	15.38	14.98	14.83	16.5
	16QAM	1	0	15.31	15.4	14.43	16.5
		1	13	15.5	14.96	14.97	16.5
		1	24	15.54	14.95	15.04	16.5
		12	0	15.4	15.01	14.73	16.5
		12	6	15.15	14.64	14.5	16.5
		12	13	15.23	14.46	14.39	16.5
		25	0	15.31	14.68	14.57	16.5
	64QAM	1	0	15.4	15.39	14.5	16.5
		1	13	15.11	14.6	14.64	16.5
		1	24	15.31	14.44	15.36	16.5
		12	0	15.39	14.95	14.45	16.5
		12	6	15.14	14.39	14.42	16.5
		12	13	14.98	14.25	14.97	16.5
		25	0	15.14	14.54	14.56	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.34	15.36	14.46	16.5
		1	25	15.43	14.87	14.78	16.5
		1	49	15.51	14.7	14.95	16.5
		25	0	15.67	15.33	14.99	16.5
		25	13	15.27	14.86	14.65	16.5
		25	25	15.36	14.69	14.7	16.5
		50	0	15.37	14.94	14.87	16.5
	16QAM	1	0	15.3	15.48	14.43	16.5
		1	25	15.49	15.08	14.91	16.5
		1	49	15.66	14.89	15.07	16.5
		25	0	15.39	14.97	14.64	16.5
		25	13	15.12	14.53	14.4	16.5
		25	25	15.22	14.52	14.41	16.5
		50	0	15.25	14.71	14.53	16.5
	64QAM	1	0	15.48	15.39	14.7	16.5
		1	25	15.49	14.88	14.89	16.5
		1	49	15.38	14.64	15.62	16.5
		25	0	15.4	15.03	14.56	16.5
		25	13	15.42	14.6	14.52	16.5
		25	25	15.13	14.42	15.07	16.5
		50	0	15.29	14.71	14.67	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.31	15.29	14.46	16.5
		1	38	15.48	14.87	14.84	16.5
		1	74	15.54	14.72	14.95	16.5
		36	0	15.58	15.34	14.84	16.5
		36	18	15.26	14.78	14.66	16.5
		36	39	15.4	14.69	14.72	16.5
		75	0	15.33	14.93	14.87	16.5
	16QAM	1	0	15.21	15.45	14.4	16.5
		1	38	15.55	14.93	14.89	16.5
		1	74	15.58	14.83	15.03	16.5
		36	0	15.54	15.1	14.63	16.5
		36	18	15.13	14.54	14.43	16.5
		36	39	15.21	14.5	14.3	16.5
		75	0	15.31	14.74	14.62	16.5
	64QAM	1	0	15.48	15.48	14.6	16.5
		1	38	15.18	14.7	14.7	16.5
		1	74	15.4	14.53	15.44	16.5
		36	0	15.45	15.01	14.53	16.5
		36	18	15.23	14.48	14.5	16.5
		36	39	15.07	14.33	15.04	16.5
		75	0	15.2	14.64	14.65	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.35	15.39	14.59	16.5
		1	50	15.54	14.94	14.85	16.5
		1	99	15.62	14.83	15.02	16.5
		50	0	15.7	15.35	14.99	16.5
		50	25	15.37	14.88	14.74	16.5
		50	50	15.42	14.76	14.79	16.5
		100	0	15.48	15.04	14.9	16.5
	16QAM	1	0	15.33	15.52	14.54	16.5
		1	50	15.63	15.08	15.03	16.5
		1	99	15.67	14.96	15.08	16.5
		50	0	15.54	15.12	14.77	16.5
		50	25	15.23	14.68	14.53	16.5
		50	50	15.26	14.55	14.42	16.5
		100	0	15.37	14.82	14.67	16.5
	64QAM	1	0	15.53	15.47	14.75	16.5
		1	50	15.56	14.93	14.94	16.5
		1	99	15.45	14.69	15.66	16.5
		50	0	15.46	15.09	14.62	16.5
		50	25	15.5	14.64	14.59	16.5
		50	50	15.2	14.49	15.15	16.5
		100	0	15.34	14.79	14.71	16.5

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LTE Band 4 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	14.31	13.81	12.95	15
		1	2	13.96	13.29	13.12	15
		1	5	14	12.97	13.54	15
		3	0	14.12	13.63	13.15	15
		3	2	13.79	13.14	13.08	15
		3	3	13.59	13.08	13.19	15
		6	0	13.79	13.35	13.21	15
	16QAM	1	0	14.27	13.93	13.25	15
		1	2	14.1	13.52	13.34	15
		1	5	14.09	13.42	13.7	15
		3	0	14.02	13.48	13.2	15
		3	2	13.66	13.03	12.81	15
		3	3	13.56	12.97	13.05	15
		6	0	13.69	13.26	13.15	15
	64QAM	1	0	14.28	14.2	13.26	15
		1	2	14.23	13.49	13.41	15
		1	5	13.98	13.18	14.3	15
		3	0	14.16	13.69	13.07	15
		3	2	13.77	13.14	13.13	15
		3	3	13.59	12.99	13.74	15
		6	0	13.69	13.28	13.21	15
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	14.25	13.78	12.97	15
		1	7	13.96	13.32	13.13	15
		1	14	14	13.05	13.54	15
		8	0	14.21	13.72	13.23	15
		8	4	13.83	13.23	12.99	15
		8	7	13.6	13.05	13.1	15
		15	0	13.86	13.4	13.19	15
	16QAM	1	0	14.22	13.86	13.25	15
		1	7	14.06	13.54	13.34	15
		1	14	14.2	13.48	13.69	15
		8	0	13.95	13.48	13.12	15
		8	4	13.57	13.1	12.92	15
		8	7	13.52	12.91	12.99	15
		15	0	13.65	13.16	13.2	15
	64QAM	1	0	14.25	12.95	13.26	15
		1	7	14.16	13.16	13.43	15
		1	14	14	13.1	13.98	15
		8	0	14.16	13.54	13.09	15
		8	4	13.79	12.95	13.17	15
		8	7	13.58	12.88	13.68	15
		15	0	13.67	13.21	13.19	15

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Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	14.19	13.77	12.91	15
		1	13	13.93	13.23	13.03	15
		1	24	13.94	13.03	13.58	15
		12	0	14.12	13.66	13.2	15
		12	6	13.75	13.27	13.04	15
		12	13	13.69	13.08	13.16	15
		25	0	13.78	13.41	13.16	15
	16QAM	1	0	14.21	13.94	13.27	15
		1	13	14.03	13.47	13.31	15
		1	24	14.09	13.42	13.76	15
		12	0	14.04	13.51	13.2	15
		12	6	13.66	12.96	12.84	15
		12	13	13.55	12.98	13.01	15
		25	0	13.62	13.19	13.12	15
	64QAM	1	0	14.26	13.02	13.29	15
		1	13	14.23	13.16	13.43	15
		1	24	14.03	13.17	14.04	15
		12	0	14.21	13.57	13.13	15
		12	6	13.82	13	13.09	15
		12	13	13.51	12.9	13.66	15
		25	0	13.71	13.14	13.17	15

Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	14.2	13.76	12.9	15
		1	25	13.9	13.31	13.15	15
		1	49	14.01	12.96	13.55	15
		25	0	14.15	13.75	13.2	15
		25	13	13.75	13.28	13	15
		25	25	13.69	13.17	13.13	15
		50	0	13.73	13.4	13.17	15
	16QAM	1	0	14.22	13.89	13.2	15
		1	25	14.12	13.55	13.32	15
		1	49	14.18	13.44	13.71	15
		25	0	13.93	13.46	13.1	15
		25	13	13.59	12.98	12.9	15
		25	25	13.55	12.95	13.01	15
		50	0	13.57	13.23	13.17	15
	64QAM	1	0	14.25	14.18	13.23	15
		1	25	14.22	13.47	13.35	15
		1	49	13.93	13.19	14.27	15
		25	0	14.18	13.67	13.08	15
		25	13	13.81	13.14	13.12	15
		25	25	13.57	12.99	13.75	15
		50	0	13.72	13.32	13.19	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.3	13.71	12.94	15
		1	38	13.85	13.31	13.11	15
		1	74	13.91	13.03	13.49	15
		36	0	14.14	13.68	13.2	15
		36	18	13.74	13.28	13.02	15
		36	39	13.72	13.16	13.21	15
		75	0	13.72	13.4	13.26	15
	16QAM	1	0	14.21	13.97	13.15	15
		1	38	14	13.5	13.39	15
		1	74	14.07	13.41	13.82	15
		36	0	13.99	13.52	13.17	15
		36	18	13.63	13	12.83	15
		36	39	13.56	12.93	13.09	15
		75	0	13.68	13.17	13.22	15
	64QAM	1	0	14.32	13.1	13.37	15
		1	38	14.29	13.31	13.5	15
		1	74	14.12	13.25	14.12	15
		36	0	14.31	13.64	13.21	15
		36	18	13.88	13.1	13.23	15
		36	39	13.66	13.02	13.79	15
		75	0	13.81	13.28	13.32	15

Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	14.32	13.81	13.04	15
		1	50	13.99	13.35	13.17	15
		1	99	14.03	13.11	13.59	15
		50	0	14.21	13.78	13.27	15
		50	25	13.84	13.29	13.09	15
		50	50	13.73	13.18	13.23	15
		100	0	13.87	13.46	13.27	15
	16QAM	1	0	14.35	13.99	13.3	15
		1	50	14.14	13.58	13.44	15
		1	99	14.22	13.48	13.84	15
		50	0	14.05	13.57	13.21	15
		50	25	13.69	13.11	12.95	15
		50	50	13.64	13.05	13.09	15
		100	0	13.71	13.31	13.24	15
	64QAM	1	0	14.33	14.26	13.34	15
		1	50	14.29	13.57	13.47	15
		1	99	14.05	13.27	14.38	15
		50	0	14.28	13.76	13.16	15
		50	25	13.86	13.2	13.18	15
		50	50	13.66	13.08	13.8	15
		100	0	13.79	13.38	13.29	15

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LTE Band 5 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.19	22.99	23.12	24
		1	2	23.26	22.96	23.17	24
		1	5	23.39	23.01	23.12	24
		3	0	23.36	22.97	23.3	24
		3	2	23.4	22.96	23.28	24
		3	3	23.41	22.97	23.17	24
		6	0	22.32	21.96	22.34	23
	16QAM	1	0	22.45	22.17	22.41	23
		1	2	22.55	22.14	22.47	23
		1	5	22.32	22.16	22.28	23
		3	0	22.28	21.99	22.21	23
		3	2	22.29	21.93	22.32	23
		3	3	21.85	21.69	22.21	23
		6	0	21.38	21.13	21.32	22
	64QAM	1	0	21.25	21.2	21.17	22.5
		1	2	20.94	20.86	20.87	22.5
		1	5	21.14	21.06	21.03	22.5
		3	0	20.04	19.94	19.94	22.5
		3	2	19.94	19.9	19.96	22.5
		3	3	19.92	19.84	19.93	22.5
		6	0	19.89	19.92	19.93	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.33	22.96	23.12	24
		1	7	23.48	23.07	23.3	24
		1	14	23.39	22.78	23.05	24
		8	0	22.35	22.19	22.16	23
		8	4	22.36	22.09	22.35	23
		8	7	22.34	21.99	22.34	23
		15	0	22.34	22.1	22.35	23
	16QAM	1	0	22.46	22.32	22.26	23
		1	7	22.61	22.15	22.55	23
		1	14	22.55	22.12	22.27	23
		8	0	21.41	21.25	21.25	22
		8	4	21.44	21.18	21.25	22
		8	7	21.4	21.06	21.2	22
		15	0	21.36	21.14	21.21	22
	64QAM	1	0	21.3	21.26	21.23	22.5
		1	7	21.03	20.95	20.95	22.5
		1	14	21.2	21.13	21.09	22.5
		8	0	20.1	20.01	20.04	21.5
		8	4	20.02	19.99	20.01	21.5
		8	7	19.99	19.94	20	21.5
		15	0	19.99	19.99	19.99	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.43	23.09	23.11	24
		1	13	23.5	23.06	23.21	24
		1	24	23.28	22.85	23.02	24
		12	0	22.42	22.21	22.24	23
		12	6	22.41	22.1	22.24	23
		12	13	22.43	22.01	22.27	23
		25	0	22.4	21.98	22.2	23
	16QAM	1	0	22.5	22.48	22.23	23
		1	13	22.64	22.25	22.32	23
		1	24	22.44	22.06	22.23	23
		12	0	21.45	21.32	21.3	22
		12	6	21.47	21.16	21.31	22
		12	13	21.48	21.05	21.15	22
		25	0	21.42	21.01	21.24	22
	64QAM	1	0	21.37	21.34	21.32	22.5
		1	13	21.09	21.01	21.02	22.5
		1	24	21.28	21.22	21.18	22.5
		12	0	20.15	20.08	20.12	21.5
		12	6	20.1	20.08	20.09	21.5
		12	13	20.07	20.01	20.07	21.5
		25	0	20.07	20.08	20.07	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.58	23.37	23.2	24
		1	25	23.82	23.55	23.57	24
		1	49	23.47	23.01	23.38	24
		25	0	22.35	22.22	21.98	23
		25	13	22.19	21.91	22.09	23
		25	25	22.01	21.85	22.08	23
		50	0	22.25	21.86	22.22	23
	16QAM	1	0	22.72	22.62	22.45	23
		1	25	22.98	22.77	22.79	23
		1	49	22.76	22.2	22.75	23
		25	0	21.49	21.34	21.12	22
		25	13	21.31	21.06	21.23	22
		25	25	21.15	20.99	21.22	22
		50	0	21.38	20.99	21.35	22
	64QAM	1	0	21.46	21.41	21.38	22.5
		1	25	21.19	21.1	21.09	22.5
		1	49	21.35	21.32	21.27	22.5
		25	0	20.22	20.16	20.19	21.5
		25	13	20.2	20.16	20.18	21.5
		25	25	20.15	20.09	20.13	21.5
		50	0	20.16	20.14	20.15	21.5

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LTE Band 5 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	17.73	17.81	17.78	19
		1	2	17.59	17.46	17.5	19
		1	5	17.74	17.77	17.78	19
		3	0	17.44	17.72	17.74	19
		3	2	17.51	17.59	17.47	19
		3	3	17.7	17.67	17.65	19
		6	0	17.43	17.7	17.66	19
	16QAM	1	0	17.98	17.99	17.98	19
		1	2	17.77	17.73	17.77	19
		1	5	18.01	18.02	18	19
		3	0	17.69	17.68	17.68	19
		3	2	17.58	17.73	17.66	19
		3	3	17.7	17.63	17.73	19
		6	0	17.49	17.66	17.6	19
	64QAM	1	0	17.58	17.56	17.58	19
		1	2	16.46	17.1	17.09	19
		1	5	17.3	17.42	17.48	19
		3	0	17.22	16.97	17.29	19
		3	2	17.27	17.22	17.2	19
		3	3	17.23	17.21	17.24	19
		6	0	17.24	17.18	17.24	19
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	17.69	17.73	17.83	19
		1	7	17.25	17.3	17.38	19
		1	14	17.75	17.73	17.75	19
		8	0	17.49	17.7	17.71	19
		8	4	17.76	17.74	17.78	19
		8	7	17.65	17.68	17.66	19
		15	0	17.75	17.75	17.77	19
	16QAM	1	0	17.92	18.01	18.09	19
		1	7	17.45	17.58	17.65	19
		1	14	18.03	18.03	18.02	19
		8	0	17.68	17.65	17.67	19
		8	4	17.71	17.74	17.73	19
		8	7	17.72	17.67	17.65	19
		15	0	17.69	17.69	17.69	19
	64QAM	1	0	17.63	17.65	17.64	19
		1	7	16.54	17.16	17.17	19
		1	14	17.38	17.48	17.55	19
		8	0	17.31	17.05	17.35	19
		8	4	17.34	17.31	17.28	19
		8	7	17.28	17.29	17.32	19
		15	0	17.34	17.28	17.31	19

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	17.7	17.75	17.77	19
		1	13	17.77	17.54	17.77	19
		1	24	17.75	17.51	17.75	19
		12	0	17.78	17.54	17.85	19
		12	6	17.73	17.68	17.71	19
		12	13	17.79	17.81	17.77	19
		25	0	17.72	17.74	17.73	19
	16QAM	1	0	17.95	17.68	17.97	19
		1	13	17.92	17.51	17.99	19
		1	24	17.82	17.7	17.92	19
		12	0	17.77	17.5	17.81	19
		12	6	17.69	17.69	17.73	19
		12	13	17.7	17.55	17.75	19
		25	0	17.71	17.45	17.69	19
	64QAM	1	0	17.68	17.72	17.69	19
		1	13	16.59	17.21	17.26	19
		1	24	17.46	17.55	17.62	19
		12	0	17.38	17.14	17.41	19
		12	6	17.4	17.36	17.37	19
		12	13	17.38	17.36	17.4	19
		25	0	17.41	17.37	17.37	19

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	17.73	17.30	17.28	19
		1	25	**17.58**	17.33	17.82	19
		1	49	17.74	17.73	17.72	19
		25	0	**17.82**	17.79	17.80	19
		25	13	17.82	17.84	17.80	19
		25	25	17.81	17.81	17.88	19
		50	0	**17.81**	17.85	17.84	19
	16QAM	1	0	17.81	17.68	17.97	19
		1	25	17.69	17.72	17.69	19
		1	49	17.81	17.87	17.92	19
		25	0	17.76	17.79	17.74	19
		25	13	17.80	17.81	17.76	19
		25	25	17.80	17.82	17.81	19
		50	0	17.78	17.78	17.76	19
	64QAM	1	0	17.74	17.78	17.77	19
		1	25	16.66	17.31	17.33	19
		1	49	17.56	17.62	17.7	19
		25	0	17.48	17.24	17.47	19
		25	13	17.47	17.45	17.45	19
		25	25	17.44	17.46	17.48	19
		50	0	17.48	17.44	17.46	19

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LTE Band 5 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	17.25	17.29	17.27	18.5
		1	2	16.81	17.18	17.05	18.5
		1	5	17.22	17.09	17.28	18.5
		3	0	16.7	17.2	17.16	18.5
		3	2	16.84	17	16.98	18.5
		3	3	17.17	16.94	17.14	18.5
		6	0	16.91	17.1	17.13	18.5
	16QAM	1	0	17.42	17.45	17.46	18.5
		1	2	17.26	17.26	17.02	18.5
		1	5	17.43	17.44	17.47	18.5
		3	0	17.16	17.18	17.16	18.5
		3	2	17.18	17.21	17.14	18.5
		3	3	17.2	17.16	17.2	18.5
		6	0	17.06	17.11	17.12	18.5
	64QAM	1	0	17.07	16.68	16.78	18.5
		1	2	16.19	15.54	15.82	18.5
		1	5	16.86	16.87	16.9	18.5
		3	0	16.76	16.77	16.79	18.5
		3	2	16.74	16.75	16.75	18.5
		3	3	16.73	16.72	16.73	18.5
		6	0	16.76	16.48	16.75	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	17.22	17.26	17.28	18.5
		1	7	16.8	17.04	17.2	18.5
		1	14	17.23	17.24	17.24	18.5
		8	0	17.16	17.2	17.24	18.5
		8	4	17.2	17.24	17.27	18.5
		8	7	17.14	17.17	17.18	18.5
		15	0	17.25	17.24	17.25	18.5
	16QAM	1	0	17.41	17.49	17.64	18.5
		1	7	17.36	17.14	17.03	18.5
		1	14	17.49	17.45	17.58	18.5
		8	0	17.19	17.18	17.17	18.5
		8	4	17.24	17.27	17.27	18.5
		8	7	17.18	17.11	17.16	18.5
		15	0	17.24	17.22	17.24	18.5
	64QAM	1	0	17.13	16.77	16.85	18.5
		1	7	16.26	15.61	15.89	18.5
		1	14	16.92	16.95	16.98	18.5
		8	0	16.85	16.83	16.84	18.5
		8	4	16.81	16.85	16.81	18.5
		8	7	16.81	16.8	16.82	18.5
		15	0	16.82	16.56	16.81	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	17.22	17.26	17.31	18.5
		1	13	17.26	17.23	17.28	18.5
		1	24	17.25	17.23	17.29	18.5
		12	0	17.29	17.05	17.32	18.5
		12	6	17.26	17.24	17.27	18.5
		12	13	17.29	17.3	17.31	18.5
		25	0	17.24	17.24	17.27	18.5
	16QAM	1	0	17.4	17.21	17.44	18.5
		1	13	17.5	17.49	17.5	18.5
		1	24	17.47	17.25	17.48	18.5
		12	0	17.28	17.02	17.3	18.5
		12	6	17.16	16.92	17.22	18.5
		12	13	17.22	17.05	17.28	18.5
		25	0	17.17	17.17	17.22	18.5
	64QAM	1	0	17.21	16.84	16.91	18.5
		1	13	16.35	15.67	15.95	18.5
		1	24	17	17.05	17.05	18.5
		12	0	16.93	16.91	16.92	18.5
		12	6	16.88	16.91	16.89	18.5
		12	13	16.91	16.89	16.9	18.5
		25	0	16.91	16.66	16.87	18.5

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	17.17	17.23	17.30	18.5
		1	25	17.20	17.19	17.06	18.5
		1	49	17.27	17.33	17.30	18.5
		25	0	17.32	17.30	17.31	18.5
		25	13	17.37	17.36	17.25	18.5
		25	25	17.34	17.37	17.37	18.5
		50	0	17.30	17.32	17.21	18.5
	16QAM	1	0	17.35	17.27	17.33	18.5
		1	25	16.00	17.41	17.44	18.5
		1	49	17.41	17.37	17.39	18.5
		25	0	17.33	17.25	17.25	18.5
		25	13	17.28	17.30	17.31	18.5
		25	25	17.30	17.27	17.32	18.5
		50	0	17.28	17.28	17.25	18.5
	64QAM	1	0	17.27	16.93	16.98	18.5
		1	25	16.45	15.77	16.03	18.5
		1	49	17.09	17.12	17.11	18.5
		25	0	17.01	16.98	16.99	18.5
		25	13	16.98	16.97	16.98	18.5
		25	25	16.97	16.94	16.95	18.5
		50	0	16.98	16.76	16.96	18.5

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LTE Band 5 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	21.12	20.89	21.25	21.5
		1	2	21.16	20.81	21.35	21.5
		1	5	21.27	20.91	21.16	21.5
		3	0	21.2	20.98	21.32	21.5
		3	2	21.23	20.95	21.28	21.5
		3	3	21.25	20.92	21.18	21.5
		6	0	21.2	20.93	21.21	21.5
	16QAM	1	0	21.39	21.04	21.42	21.5
		1	2	21.4	21.11	21.43	21.5
		1	5	21.4	21.06	21.3	21.5
		3	0	21.03	21.03	21.34	21.5
		3	2	21.06	21.01	21.28	21.5
		3	3	21.27	20.99	21.17	21.5
		6	0	21.2	20.91	21.16	21.5
	64QAM	1	0	20.67	20.35	20.57	21.5
		1	2	20.19	20.29	20.17	21.5
		1	5	20.55	20.51	20.54	21.5
		3	0	19.93	19.83	19.81	21.5
		3	2	19.86	19.82	19.78	21.5
		3	3	19.83	19.85	19.75	21.5
		6	0	19.86	19.84	19.85	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	21.21	21.05	21.12	21.5
		1	7	21.37	20.87	21.38	21.5
		1	14	21.27	20.78	21.09	21.5
		8	0	21.31	21.09	21.19	21.5
		8	4	21.33	20.95	21.26	21.5
		8	7	21.29	20.83	21.22	21.5
		15	0	21.26	20.95	21.25	21.5
	16QAM	1	0	21.39	21.23	21.42	21.5
		1	7	21.43	21.25	21.47	21.5
		1	14	21.47	21.12	21.3	21.5
		8	0	21.2	21.03	21.14	21.5
		8	4	21.25	20.91	21.23	21.5
		8	7	21.21	20.79	21.18	21.5
		15	0	21.18	20.86	21.14	21.5
	64QAM	1	0	20.63	20.32	20.54	21.5
		1	7	20.17	20.26	20.15	21.5
		1	14	20.52	20.47	20.51	21.5
		8	0	19.87	19.81	19.78	21.5
		8	4	19.83	19.78	19.76	21.5
		8	7	19.79	19.83	19.72	21.5
		15	0	19.85	19.85	19.86	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	21.21	21.24	21.15	21.5
		1	13	21.31	20.87	21.22	21.5
		1	24	21.31	20.65	21.06	21.5
		12	0	21.36	21.11	21.22	21.5
		12	6	21.37	20.97	21.22	21.5
		12	13	21.41	20.84	21.14	21.5
		25	0	21.33	20.82	21.16	21.5
	16QAM	1	0	21.46	21.45	21.49	21.5
		1	13	21.42	21.26	21.47	21.5
		1	24	21.45	21.07	21.37	21.5
		12	0	21.35	21.04	21.16	21.5
		12	6	21.35	20.91	21.16	21.5
		12	13	21.17	20.77	21.08	21.5
		25	0	21.26	20.75	21.08	21.5
	64QAM	1	0	20.84	20.53	20.73	21.5
		1	13	20.35	20.47	20.32	21.5
		1	24	20.73	20.68	20.71	21.5
		12	0	20.11	20.01	19.97	21.5
		12	6	20.04	20.01	19.95	21.5
		12	13	19.97	20.04	19.93	21.5
		25	0	20.04	20.02	20.07	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	21.46	21.47	21.11	21.5
		1	25	21.49	21.48	21.47	21.5
		1	49	21.45	20.94	21.36	21.5
		25	0	21.34	21.22	20.98	21.5
		25	13	21.22	20.84	21.14	21.5
		25	25	21.04	20.76	21.18	21.5
		50	0	21.25	20.82	21.24	21.5
	16QAM	1	0	21.48	21.44	21.39	21.5
		1	25	21.44	21.45	21.44	21.5
		1	49	21.47	21.1	21.49	21.5
		25	0	21.27	21.08	20.79	21.5
		25	13	21.14	20.69	20.95	21.5
		25	25	20.95	20.6	20.98	21.5
		50	0	21.14	20.66	21.05	21.5
	64QAM	1	0	20.74	20.43	20.65	21.5
		1	25	20.26	20.37	20.23	21.5
		1	49	20.63	20.58	20.61	21.5
		25	0	19.99	19.91	19.89	21.5
		25	13	19.94	19.9	19.87	21.5
		25	25	19.89	19.94	19.83	21.5
		50	0	19.94	19.92	19.97	21.5

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LTE Band 5 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	19.76	19.62	19.92	20
		1	2	19.9	19.56	19.95	20
		1	5	19.9	19.52	19.77	20
		3	0	19.78	19.59	19.96	20
		3	2	19.56	19.56	19.92	20
		3	3	19.63	19.52	19.82	20
		6	0	19.79	19.51	19.85	20
	16QAM	1	0	19.89	19.89	19.87	20
		1	2	19.89	19.82	19.92	20
		1	5	19.87	19.79	19.96	20
		3	0	19.79	19.58	19.93	20
		3	2	19.61	19.57	19.84	20
		3	3	19.87	19.53	19.73	20
		6	0	19.71	19.44	19.83	20
	64QAM	1	0	19.71	19.44	19.66	20
		1	2	19.28	19.37	19.24	20
		1	5	19.66	19.59	19.62	20
		3	0	19.05	18.92	18.91	20
		3	2	18.95	18.91	18.88	20
		3	3	18.91	18.95	18.84	20
		6	0	18.95	18.97	18.95	20
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	19.84	19.71	19.78	20
		1	7	19.87	19.53	19.93	20
		1	14	19.92	19.45	19.65	20
		8	0	19.83	19.64	19.77	20
		8	4	19.86	19.5	19.86	20
		8	7	19.83	19.38	19.94	20
		15	0	19.79	19.5	19.95	20
	16QAM	1	0	19.87	19.94	19.89	20
		1	7	19.89	19.76	19.92	20
		1	14	19.91	19.69	19.95	20
		8	0	19.78	19.58	19.7	20
		8	4	19.77	19.43	19.79	20
		8	7	19.76	19.31	19.76	20
		15	0	19.73	19.44	19.76	20
	64QAM	1	0	19.64	19.33	19.55	20
		1	7	19.19	19.27	19.17	20
		1	14	19.55	19.49	19.53	20
		8	0	18.91	18.81	18.79	20
		8	4	18.84	18.83	18.78	20
		8	7	18.79	18.84	18.75	20
		15	0	18.84	18.82	18.87	20

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	19.83	19.91	19.83	20
		1	13	19.92	19.57	19.88	20
		1	24	19.94	18.97	19.71	20
		12	0	19.99	19.52	19.87	20
		12	6	19.99	19.58	19.85	20
		12	13	19.89	18.74	19.79	20
		25	0	19.95	19.44	19.8	20
	16QAM	1	0	19.98	19.94	19.87	20
		1	13	19.97	19.66	19.94	20
		1	24	19.92	19.47	19.84	20
		12	0	19.91	19.66	19.79	20
		12	6	19.91	19.49	19.77	20
		12	13	19.96	19.37	19.72	20
		25	0	19.87	19.34	19.81	20
	64QAM	1	0	19.62	19.31	19.53	20
		1	13	19.21	19.25	19.23	20
		1	24	19.53	19.46	19.49	20
		12	0	18.85	18.79	18.77	20
		12	6	18.82	18.75	18.75	20
		12	13	18.77	18.82	18.71	20
		25	0	18.82	18.81	18.85	20

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	19.89	19.91	19.55	20
		1	25	**19.98**	19.92	19.95	20
		1	49	19.87	19.48	19.93	20
		25	0	**19.86**	19.77	19.45	20
		25	13	19.85	19.21	19.65	20
		25	25	19.71	19.12	19.71	20
		50	0	**19.92**	19.17	19.77	20
	16QAM	1	0	19.91	19.97	19.91	20
		1	25	19.97	19.94	19.95	20
		1	49	19.92	19.73	19.93	20
		25	0	19.89	19.8	19.36	20
		25	13	19.86	19.38	19.68	20
		25	25	19.67	19.29	19.73	20
		50	0	19.87	19.34	19.77	20
	64QAM	1	0	19.72	19.41	19.63	20
		1	25	19.25	19.35	19.21	20
		1	49	19.63	19.56	19.59	20
		25	0	18.99	18.89	18.87	20
		25	13	18.92	18.88	18.85	20
		25	25	18.87	18.92	18.81	20
		50	0	18.92	18.9	18.95	20

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LTE Band 5 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	20.80	20.53	20.74	21.5
		1	2	20.81	20.47	20.75	21.5
		1	5	20.87	20.45	20.58	21.5
		3	0	20.80	20.45	20.82	21.5
		3	2	20.88	20.43	20.75	21.5
		3	3	20.89	20.40	20.68	21.5
		6	0	20.76	20.40	20.69	21.5
	16QAM	1	0	20.97	20.76	20.82	21.5
		1	2	21.00	20.71	20.80	21.5
		1	5	20.90	20.72	20.57	21.5
		3	0	20.75	20.55	20.81	21.5
		3	2	20.94	20.47	20.64	21.5
		3	3	20.85	20.50	20.68	21.5
		6	0	20.85	20.35	20.50	21.5
	64QAM	1	0	20.91	20.67	20.82	21.5
		1	2	20.75	20.64	20.72	21.5
		1	5	20.82	20.73	20.76	21.5
		3	0	20.18	20.08	20.06	21.5
		3	2	20.12	20.07	20.04	21.5
		3	3	20.08	20.13	20.02	21.5
		6	0	20.11	20.07	20.14	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.74	20.72	20.88	21.5
		1	7	20.98	20.53	20.87	21.5
		1	14	20.95	20.47	20.65	21.5
		8	0	20.74	20.71	20.85	21.5
		8	4	20.88	20.50	20.83	21.5
		8	7	21.11	20.50	20.72	21.5
		15	0	20.91	20.50	20.83	21.5
	16QAM	1	0	20.83	20.73	20.86	21.5
		1	7	21.02	20.55	20.88	21.5
		1	14	20.98	20.50	20.67	21.5
		8	0	20.79	20.63	20.74	21.5
		8	4	20.89	20.49	20.75	21.5
		8	7	20.83	20.38	20.69	21.5
		15	0	20.82	20.43	20.74	21.5
	64QAM	1	0	20.85	20.67	20.82	21.5
		1	7	20.74	20.64	20.7	21.5
		1	14	20.82	20.45	20.78	21.5
		8	0	20.18	20.08	20.1	21.5
		8	4	20.11	20.07	20.04	21.5
		8	7	20.08	20.12	20.03	21.5
		15	0	20.11	20.09	20.14	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	20.86	20.88	20.94	21.5
		1	13	21.09	20.53	20.93	21.5
		1	24	21.03	20.31	20.71	21.5
		12	0	21.06	20.70	20.93	21.5
		12	6	21.11	20.57	20.88	21.5
		12	13	21.16	20.44	20.76	21.5
		25	0	21.04	20.43	20.82	21.5
	16QAM	1	0	21.03	20.84	20.94	21.5
		1	13	21.31	20.55	20.97	21.5
		1	24	21.23	20.35	20.77	21.5
		12	0	20.97	20.63	20.93	21.5
		12	6	21.02	20.49	20.86	21.5
		12	13	21.08	20.37	20.75	21.5
		25	0	20.96	20.30	20.75	21.5
	64QAM	1	0	21.02	20.88	21.03	21.5
		1	13	20.95	20.87	20.87	21.5
		1	24	21.04	20.96	20.95	21.5
		12	0	20.39	20.29	20.27	21.5
		12	6	20.32	20.25	20.25	21.5
		12	13	20.25	20.32	20.21	21.5
		25	0	20.32	20.31	20.35	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	21.46	21.12	20.76	21.5
		1	25	21.48	21.11	21.38	21.5
		1	49	21.15	20.69	21.05	21.5
		25	0	21.03	20.81	20.57	21.5
		25	13	21.01	20.40	20.75	21.5
		25	25	20.80	20.36	20.77	21.5
		50	0	20.95	20.39	20.83	21.5
	16QAM	1	0	21.22	21.20	20.63	21.5
		1	25	21.45	21.22	21.30	21.5
		1	49	21.25	20.83	21.01	21.5
		25	0	21.04	20.73	20.49	21.5
		25	13	20.91	20.33	20.67	21.5
		25	25	20.71	20.30	20.68	21.5
		50	0	20.86	20.32	20.75	21.5
	64QAM	1	0	21.02	20.78	20.93	21.5
		1	25	20.85	20.75	20.81	21.5
		1	49	20.93	20.86	20.89	21.5
		25	0	20.29	20.19	20.17	21.5
		25	13	20.22	20.18	20.15	21.5
		25	25	20.19	20.22	20.13	21.5
		50	0	20.22	20.20	20.25	21.5

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LTE Band 5 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	19.54	19.11	19.50	20
		1	2	19.65	19.05	19.53	20
		1	5	19.65	19.03	19.39	20
		3	0	19.39	19.08	19.58	20
		3	2	19.49	19.07	19.52	20
		3	3	19.48	19.02	19.47	20
		6	0	19.37	19.14	19.47	20
	16QAM	1	0	19.44	19.28	19.61	20
		1	2	19.58	19.23	19.67	20
		1	5	19.60	19.21	19.53	20
		3	0	19.21	19.20	19.62	20
		3	2	19.45	19.12	19.56	20
		3	3	19.46	19.15	19.54	20
		6	0	19.40	19.04	19.47	20
	64QAM	1	0	19.29	19.12	19.3	20
		1	2	19.52	19.07	19.28	20
		1	5	19.53	19.13	19.26	20
		3	0	19.06	18.96	18.94	20
		3	2	18.99	18.94	18.91	20
		3	3	18.96	19.01	18.95	20
		6	0	18.98	18.98	19.03	20
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	19.42	19.30	19.49	20
		1	7	19.65	19.11	19.48	20
		1	14	19.62	19.04	19.30	20
		8	0	19.41	19.48	19.40	20
		8	4	19.54	19.09	19.44	20
		8	7	19.60	19.24	19.30	20
		15	0	19.47	19.10	19.44	20
	16QAM	1	0	19.43	19.17	19.43	20
		1	7	19.67	18.99	19.46	20
		1	14	19.62	19.25	19.30	20
		8	0	19.41	19.23	19.37	20
		8	4	19.50	19.11	19.39	20
		8	7	19.47	18.99	19.40	20
		15	0	19.35	19.04	19.39	20
	64QAM	1	0	19.34	19.23	19.35	20
		1	7	19.57	19.17	19.33	20
		1	14	19.55	19.18	19.31	20
		8	0	19.11	19.01	18.99	20
		8	4	19.04	18.99	18.95	20
		8	7	19.01	19.05	18.95	20
		15	0	19.03	19.03	19.05	20

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	19.51	19.50	19.52	20
		1	13	19.70	19.14	19.50	20
		1	24	19.67	18.81	19.32	20
		12	0	19.61	19.32	19.56	20
		12	6	19.72	19.16	19.50	20
		12	13	19.77	19.03	19.37	20
		25	0	19.64	19.01	19.43	20
	16QAM	1	0	19.62	19.46	19.55	20
		1	13	19.84	19.14	19.54	20
		1	24	19.80	18.78	19.38	20
		12	0	19.57	19.26	19.48	20
		12	6	19.59	19.10	19.41	20
		12	13	19.67	18.97	19.30	20
		25	0	19.57	18.98	19.35	20
	64QAM	1	0	19.61	19.37	19.52	20
		1	13	19.45	19.34	19.43	20
		1	24	19.52	19.45	19.48	20
		12	0	18.91	18.79	18.76	20
		12	6	18.83	18.76	18.74	20
		12	13	18.78	18.82	18.78	20
		25	0	18.81	18.84	18.85	20

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	19.78	19.76	19.40	20
		1	25	19.96	19.64	19.88	20
		1	49	19.69	19.23	19.81	20
		25	0	19.64	19.46	19.08	20
		25	13	19.62	19.04	19.40	20
		25	25	19.43	18.99	19.42	20
		50	0	19.60	19.02	19.50	20
	16QAM	1	0	19.85	19.76	19.36	20
		1	25	19.97	19.73	19.90	20
		1	49	19.89	19.36	19.78	20
		25	0	19.66	19.37	18.98	20
		25	13	19.52	18.95	19.31	20
		25	25	19.33	18.91	19.32	20
		50	0	19.50	18.94	19.43	20
	64QAM	1	0	19.72	19.48	19.63	20
		1	25	19.55	19.45	19.51	20
		1	49	19.63	19.56	19.59	20
		25	0	19.02	18.89	18.87	20
		25	13	18.92	18.87	18.85	20
		25	25	18.89	18.93	18.83	20
		50	0	18.92	18.95	18.97	20

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LTE Band 5 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	15.44	15.21	14.76	16.5
		1	2	15.98	15.12	15.34	16.5
		1	5	15.2	14.62	15.3	16.5
		3	0	15.09	14.83	14.57	16.5
		3	2	15.13	14.15	14.82	16.5
		3	3	14.92	14.28	14.87	16.5
		6	0	15.04	14.11	14.94	16.5
	16QAM	1	0	15.63	15.65	15.11	16.5
		1	2	16.12	15.53	15.54	16.5
		1	5	15.33	14.9	15.68	16.5
		3	0	15.15	14.55	14.52	16.5
		3	2	15.04	14.22	14.8	16.5
		3	3	14.8	14.38	14.82	16.5
		6	0	15.02	14.37	14.92	16.5
	64QAM	1	0	15.62	15.37	14.92	16.5
		1	2	16.15	15.36	15.54	16.5
		1	5	15.36	14.77	15.48	16.5
		3	0	15.2	14.81	14.64	16.5
		3	2	15.1	14.45	14.8	16.5
		3	3	14.86	14.24	14.89	16.5
		6	0	15.04	14.24	14.93	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	15.52	15.31	14.83	16.5
		1	7	16.07	15.18	15.42	16.5
		1	14	15.27	14.68	15.37	16.5
		8	0	15.19	14.89	14.65	16.5
		8	4	15.23	14.21	14.87	16.5
		8	7	14.99	14.37	14.94	16.5
		15	0	15.12	14.19	15.01	16.5
	16QAM	1	0	15.69	15.73	15.2	16.5
		1	7	16.17	15.62	15.63	16.5
		1	14	15.39	14.99	15.74	16.5
		8	0	15.21	14.63	14.61	16.5
		8	4	15.11	14.27	14.89	16.5
		8	7	14.87	14.44	14.87	16.5
		15	0	15.11	14.44	14.97	16.5
	64QAM	1	0	15.72	15.46	15.01	16.5
		1	7	16.2	15.43	15.6	16.5
		1	14	15.44	14.87	15.53	16.5
		8	0	15.26	14.91	14.74	16.5
		8	4	15.16	14.52	14.9	16.5
		8	7	14.95	14.3	14.97	16.5
		15	0	15.14	14.34	15	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	15.6	15.38	14.9	16.5
		1	13	16.13	15.28	15.5	16.5
		1	24	15.36	14.75	15.45	16.5
		12	0	15.29	14.96	14.73	16.5
		12	6	15.28	14.27	14.93	16.5
		12	13	15.07	14.43	15.03	16.5
		25	0	15.18	14.28	15.08	16.5
	16QAM	1	0	15.78	15.79	15.29	16.5
		1	13	16.27	15.69	15.71	16.5
		1	24	15.44	15.07	15.82	16.5
		12	0	15.28	14.71	14.71	16.5
		12	6	15.16	14.33	14.95	16.5
		12	13	14.95	14.49	14.92	16.5
		25	0	15.18	14.53	15.06	16.5
	64QAM	1	0	15.82	15.55	15.06	16.5
		1	13	16.26	15.52	15.68	16.5
		1	24	15.5	14.97	15.61	16.5
		12	0	15.34	14.97	14.79	16.5
		12	6	15.21	14.6	14.95	16.5
		12	13	15	14.36	15.06	16.5
		25	0	15.21	14.44	15.09	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	15.68	15.45	14.99	16.5
		1	25	16.22	15.34	15.59	16.5
		1	49	15.42	14.84	15.54	16.5
		25	0	15.35	15.02	14.81	16.5
		25	13	15.36	14.37	15.03	16.5
		25	25	15.16	14.53	15.09	16.5
		50	0	15.26	14.36	15.13	16.5
	16QAM	1	0	15.86	15.85	15.35	16.5
		1	25	16.37	15.76	15.78	16.5
		1	49	15.52	15.14	15.9	16.5
		25	0	15.35	14.8	14.8	16.5
		25	13	15.25	14.39	15.01	16.5
		25	25	15.04	14.55	14.97	16.5
		50	0	15.24	14.59	15.12	16.5
	64QAM	1	0	15.89	15.61	15.13	16.5
		1	25	16.33	15.61	15.74	16.5
		1	49	15.57	15.06	15.67	16.5
		25	0	15.41	15.05	14.84	16.5
		25	13	15.29	14.65	15.04	16.5
		25	25	15.09	14.45	15.12	16.5
		50	0	15.3	14.53	15.14	16.5

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LTE Band 5 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.62	14.07	13.54	15
		1	2	14.74	14.07	14.12	15
		1	5	14.5	13.46	14.26	15
		3	0	14.52	13.49	13.26	15
		3	2	14.36	12.96	13.43	15
		3	3	14.02	12.82	13.52	15
		6	0	14.24	13.07	13.44	15
	16QAM	1	0	14.58	14.06	13.44	15
		1	2	14.79	14.04	14.02	15
		1	5	14.44	13.36	14.17	15
		3	0	14.5	13.41	13.3	15
		3	2	14.37	13.01	13.36	15
		3	3	14.01	12.74	13.49	15
		6	0	14.18	13	13.35	15
	64QAM	1	0	14.54	14.03	13.39	15
		1	2	14.77	13.97	14.06	15
		1	5	14.43	13.36	14.19	15
		3	0	14.42	13.43	13.23	15
		3	2	14.27	12.94	13.35	15
		3	3	13.97	12.72	13.42	15
		6	0	14.13	12.88	13.35	15
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.72	14.15	13.63	15
		1	7	14.83	14.16	14.22	15
		1	14	14.59	13.52	14.32	15
		8	0	14.6	13.57	13.34	15
		8	4	14.43	13.05	13.5	15
		8	7	14.08	12.89	13.57	15
		15	0	14.32	13.14	13.49	15
	16QAM	1	0	14.65	14.11	13.5	15
		1	7	14.85	14.12	14.11	15
		1	14	14.54	13.44	14.26	15
		8	0	14.57	13.5	13.37	15
		8	4	14.46	13.07	13.45	15
		8	7	14.08	12.82	13.55	15
		15	0	14.27	13.06	13.45	15
	64QAM	1	0	14.64	14.11	13.48	15
		1	7	14.82	14.06	14.14	15
		1	14	14.5	13.45	14.26	15
		8	0	14.51	13.49	13.33	15
		8	4	14.37	13	13.44	15
		8	7	14.05	12.79	13.48	15
		15	0	14.21	12.97	13.4	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.8	14.22	13.71	15
		1	13	14.89	14.24	14.28	15
		1	24	14.64	13.62	14.41	15
		12	0	14.66	13.64	13.44	15
		12	6	14.48	13.14	13.55	15
		12	13	14.15	12.98	13.64	15
		25	0	14.4	13.2	13.55	15
	16QAM	1	0	14.72	14.2	13.6	15
		1	13	14.93	14.17	14.2	15
		1	24	14.61	13.54	14.34	15
		12	0	14.67	13.6	13.44	15
		12	6	14.51	13.16	13.51	15
		12	13	14.15	12.92	13.63	15
		25	0	14.37	13.15	13.51	15
	64QAM	1	0	14.71	14.17	13.57	15
		1	13	14.91	14.13	14.2	15
		1	24	14.56	13.54	14.34	15
		12	0	14.6	13.56	13.41	15
		12	6	14.45	13.09	13.5	15
		12	13	14.13	12.87	13.56	15
		25	0	14.3	13.06	13.49	15
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.85	14.3	13.76	15
		1	25	14.98	14.29	14.34	15
		1	49	14.73	13.68	14.48	15
		25	0	14.72	13.73	13.53	15
		25	13	14.58	13.23	13.61	15
		25	25	14.25	13.05	13.71	15
		50	0	14.49	13.25	13.6	15
	16QAM	1	0	14.82	14.27	13.7	15
		1	25	14.99	14.26	14.3	15
		1	49	14.68	13.63	14.43	15
		25	0	14.74	13.69	13.53	15
		25	13	14.58	13.23	13.58	15
		25	25	14.21	13	13.69	15
		50	0	14.44	13.23	13.6	15
	64QAM	1	0	14.8	14.23	13.67	15
		1	25	14.96	14.21	14.27	15
		1	49	14.63	13.61	14.41	15
		25	0	14.67	13.65	13.47	15
		25	13	14.51	13.16	13.55	15
		25	25	14.18	12.97	13.64	15
		50	0	14.4	13.16	13.54	15

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LTE Band 5 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	15.44	15.41	14.94	16
		1	2	15.64	15.35	15.54	16
		1	5	15.25	14.88	15.54	16
		3	0	15.19	14.82	14.62	16
		3	2	15.03	14.43	14.82	16
		3	3	14.89	14.41	14.86	16
		6	0	15.02	14.41	14.99	16
	16QAM	1	0	15.4	15.39	14.92	16
		1	2	15.6	15.3	15.58	16
		1	5	15.27	14.8	15.55	16
		3	0	15.16	14.83	14.59	16
		3	2	15	14.43	14.79	16
		3	3	14.78	14.29	14.94	16
		6	0	15.02	14.4	14.92	16
	64QAM	1	0	15.39	15.31	14.88	16
		1	2	15.52	15.21	15.46	16
		1	5	15.16	14.79	15.46	16
		3	0	15.14	14.75	14.5	16
		3	2	14.96	14.37	14.72	16
		3	3	14.8	14.3	14.83	16
		6	0	14.97	14.33	14.87	16
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	15.5	15.46	15.03	16
		1	7	15.72	15.44	15.61	16
		1	14	15.33	14.97	15.61	16
		8	0	15.25	14.9	14.71	16
		8	4	15.11	14.51	14.9	16
		8	7	14.95	14.46	14.95	16
		15	0	15.09	14.47	15.08	16
	16QAM	1	0	15.47	15.46	14.99	16
		1	7	15.69	15.38	15.63	16
		1	14	15.33	14.87	15.62	16
		8	0	15.25	14.89	14.66	16
		8	4	15.09	14.49	14.87	16
		8	7	14.87	14.38	15.01	16
		15	0	15.11	14.45	14.98	16
	64QAM	1	0	15.48	15.39	14.96	16
		1	7	15.58	15.3	15.54	16
		1	14	15.26	14.86	15.54	16
		8	0	15.2	14.84	14.58	16
		8	4	15.04	14.45	14.82	16
		8	7	14.87	14.37	14.9	16
		15	0	15.03	14.42	14.96	16

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	15.59	15.51	15.13	16
		1	13	15.82	15.5	15.68	16
		1	24	15.42	15.06	15.66	16
		12	0	15.34	15	14.77	16
		12	6	15.21	14.57	15	16
		12	13	15.02	14.52	15.05	16
		25	0	15.18	14.54	15.13	16
	16QAM	1	0	15.56	15.53	15.08	16
		1	13	15.75	15.43	15.69	16
		1	24	15.4	14.97	15.69	16
		12	0	15.34	14.98	14.74	16
		12	6	15.18	14.56	14.97	16
		12	13	14.96	14.46	15.07	16
		25	0	15.18	14.52	15.04	16
	64QAM	1	0	15.56	15.46	15.05	16
		1	13	15.67	15.39	15.59	16
		1	24	15.35	14.95	15.6	16
		12	0	15.26	14.93	14.67	16
		12	6	15.12	14.5	14.89	16
		12	13	14.93	14.45	14.99	16
		25	0	15.12	14.5	15.04	16

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	15.67	15.59	15.21	16
		1	25	15.87	15.57	15.75	16
		1	49	15.49	15.12	15.75	16
		25	0	15.43	15.06	14.82	16
		25	13	15.27	14.66	15.06	16
		25	25	15.09	14.57	15.13	16
		50	0	15.28	14.64	15.18	16
	16QAM	1	0	15.65	15.61	15.18	16
		1	25	15.82	15.5	15.75	16
		1	49	15.48	15.05	15.74	16
		25	0	15.4	15.04	14.8	16
		25	13	15.24	14.63	15.04	16
		25	25	15.05	14.54	15.14	16
		50	0	15.24	14.59	15.11	16
	64QAM	1	0	15.61	15.54	15.12	16
		1	25	15.77	15.47	15.69	16
		1	49	15.43	15.03	15.69	16
		25	0	15.33	14.98	14.76	16
		25	13	15.21	14.57	14.98	16
		25	25	15.01	14.5	15.07	16
		50	0	15.22	14.57	15.09	16

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LTE Band 5 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.2	14.17	13.68	14.5
		1	2	14.26	14.21	14.24	14.5
		1	5	14.31	13.48	14.04	14.5
		3	0	14.01	13.49	13.29	14.5
		3	2	13.62	12.84	13.41	14.5
		3	3	13.32	12.8	13.6	14.5
		6	0	13.79	13.13	13.35	14.5
	16QAM	1	0	14.11	14.2	13.7	14.5
		1	2	14.29	14.08	14.23	14.5
		1	5	14.2	13.41	14.06	14.5
		3	0	13.95	13.56	13.28	14.5
		3	2	13.59	12.83	13.32	14.5
		3	3	13.29	12.82	13.58	14.5
		6	0	13.79	13.03	13.29	14.5
	64QAM	1	0	14.13	14.09	13.58	14.5
		1	2	14.18	14.08	14.27	14.5
		1	5	14.15	13.36	14.03	14.5
		3	0	13.98	13.46	13.19	14.5
		3	2	13.54	12.81	13.29	14.5
		3	3	13.28	12.77	13.53	14.5
		6	0	13.74	13	13.28	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.29	14.25	13.73	14.5
		1	7	14.34	14.29	14.3	14.5
		1	14	14.37	13.57	14.13	14.5
		8	0	14.09	13.58	13.35	14.5
		8	4	13.72	12.91	13.48	14.5
		8	7	13.4	12.88	13.67	14.5
		15	0	13.87	13.19	13.42	14.5
	16QAM	1	0	14.18	14.28	13.75	14.5
		1	7	14.36	14.18	14.32	14.5
		1	14	14.28	13.5	14.12	14.5
		8	0	14.02	13.61	13.33	14.5
		8	4	13.65	12.88	13.41	14.5
		8	7	13.37	12.91	13.63	14.5
		15	0	13.84	13.12	13.37	14.5
	64QAM	1	0	14.23	14.19	13.66	14.5
		1	7	14.27	14.14	14.33	14.5
		1	14	14.22	13.45	14.11	14.5
		8	0	14.04	13.55	13.26	14.5
		8	4	13.62	12.87	13.36	14.5
		8	7	13.34	12.85	13.61	14.5
		15	0	13.8	13.09	13.35	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.35	14.34	13.82	14.5
		1	13	14.4	14.35	14.38	14.5
		1	24	14.42	13.62	14.21	14.5
		12	0	14.15	13.66	13.43	14.5
		12	6	13.79	13	13.54	14.5
		12	13	13.5	12.98	13.72	14.5
		25	0	13.94	13.25	13.51	14.5
	16QAM	1	0	14.28	14.37	13.81	14.5
		1	13	14.42	14.28	14.39	14.5
		1	24	14.36	13.58	14.18	14.5
		12	0	14.1	13.67	13.41	14.5
		12	6	13.75	12.97	13.48	14.5
		12	13	13.45	12.99	13.72	14.5
		25	0	13.92	13.21	13.46	14.5
	64QAM	1	0	14.28	14.27	13.74	14.5
		1	13	14.36	14.23	14.4	14.5
		1	24	14.3	13.53	14.16	14.5
		12	0	14.12	13.63	13.36	14.5
		12	6	13.71	12.93	13.43	14.5
		12	13	13.42	12.93	13.68	14.5
		25	0	13.86	13.15	13.45	14.5

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.42	14.43	13.89	14.5
		1	25	14.48	14.41	14.47	14.5
		1	49	14.47	13.7	14.3	14.5
		25	0	14.23	13.75	13.5	14.5
		25	13	13.87	13.1	13.62	14.5
		25	25	13.57	13.07	13.82	14.5
		50	0	14.02	13.32	13.6	14.5
	16QAM	1	0	14.36	14.42	13.87	14.5
		1	25	14.47	14.36	14.47	14.5
		1	49	14.45	13.65	14.28	14.5
		25	0	14.19	13.75	13.48	14.5
		25	13	13.83	13.04	13.55	14.5
		25	25	13.54	13.08	13.77	14.5
		50	0	14.01	13.27	13.54	14.5
	64QAM	1	0	14.33	14.37	13.81	14.5
		1	25	14.45	14.31	14.48	14.5
		1	49	14.39	13.63	14.22	14.5
		25	0	14.17	13.69	13.42	14.5
		25	13	13.79	13	13.53	14.5
		25	25	13.48	13.02	13.73	14.5
		50	0	13.94	13.23	13.52	14.5

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LTE Band 7 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	16.04	16.02	16.14	17
		1	13	15.95	16.09	16.12	17
		1	24	16.01	16.06	16.12	17
		12	0	16.1	16.13	16.13	17
		12	6	15.76	16.03	16.1	17
		12	13	16.08	16.08	16.1	17
		25	0	15.71	16.05	16.05	17
	16QAM	1	0	16.36	16.33	16.41	17
		1	13	16.25	16.42	16.49	17
		1	24	16.32	16.43	16.41	17
		12	0	16.03	16.07	16.06	17
		12	6	15.93	16.04	16.03	17
		12	13	15.97	16.05	16.1	17
		25	0	15.84	16.03	16.01	17
	64QAM	1	0	16.25	16.28	16.22	17
		1	13	16.32	15.72	15.81	17
		1	24	16.42	16.27	16.37	17
		12	0	16.24	16.17	16.11	17
		12	6	16.09	16.07	16.09	17
		12	13	16.19	16.08	16.11	17
		25	0	16.17	16.18	16.08	17
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.81	15.99	16.07	17
		1	25	16.05	15.74	15.3	17
		1	49	15.93	16.1	16.13	17
		25	0	16.04	16.05	16.14	17
		25	13	15.88	16.05	16.1	17
		25	25	16.07	16.06	16.12	17
		50	0	16.06	16.08	16.09	17
	16QAM	1	0	16.27	16.29	16.48	17
		1	25	16.34	15.89	15.64	17
		1	49	16.21	16.32	16.42	17
		25	0	15.79	15.99	16.04	17
		25	13	15.96	16.08	16.05	17
		25	25	16.04	16.02	16.06	17
		50	0	16	16.02	16.04	17
	64QAM	1	0	16.25	16.26	16.21	17
		1	25	16.31	15.7	15.81	17
		1	49	16.37	16.27	16.37	17
		25	0	16.21	16.17	16.12	17
		25	13	16.05	16.07	16.07	17
		25	25	16.19	16.09	16.13	17
		50	0	16.17	16.2	16.09	17

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.85	15.94	16.02	17
		1	38	16.09	16.07	16.13	17
		1	74	16.08	16.06	16.09	17
		36	0	16.08	16.04	16.12	17
		36	18	15.98	16.09	16.14	17
		36	39	16	16.12	16.15	17
		75	0	16.08	16.06	16.13	17
	16QAM	1	0	16.12	16.17	16.37	17
		1	38	16.42	16.35	16.46	17
		1	74	16.43	16.31	16.34	17
		36	0	16.01	15.99	16.06	17
		36	18	15.91	16.04	16.1	17
		36	39	15.93	16.09	16.12	17
		75	0	16.03	15.98	16.08	17
	64QAM	1	0	16.38	16.36	16.34	17
		1	38	16.39	15.79	15.94	17
		1	74	16.5	16.39	16.44	17
		36	0	16.33	16.29	16.22	17
		36	18	16.16	16.2	16.2	17
		36	39	16.31	16.21	16.23	17
		75	0	16.25	16.27	16.21	17
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	16.04	15.98	16.09	17
		1	50	15.84	15.85	16	17
		1	99	16.21	16.03	16.19	17
		50	0	15.98	16.02	16.1	17
		50	25	15.97	16.08	16.14	17
		50	50	16.15	16.1	16.13	17
		100	0	15.91	16.07	16.12	17
	16QAM	1	0	16.32	16.37	16.36	17
		1	50	16.31	14.59	15.25	17
		1	99	16.53	16.17	16.6	17
		50	0	16.08	15.99	16.04	17
		50	25	15.99	16.01	16.08	17
		50	50	16.11	16.05	16.13	17
		100	0	15.92	16	16.11	17
	64QAM	1	0	16.51	16.46	16.47	17
		1	50	16.49	15.92	16.03	17
		1	99	16.63	16.52	16.56	17
		50	0	16.44	16.38	16.34	17
		50	25	16.27	16.33	16.27	17
		50	50	16.40	16.31	16.32	17
		100	0	16.37	16.34	16.32	17

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LTE Band 7 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	15.59	15.67	15.64	16.5
		1	13	15.48	15.65	15.69	16.5
		1	24	15.69	15.64	15.71	16.5
		12	0	15.64	15.7	15.69	16.5
		12	6	15.32	15.63	15.64	16.5
		12	13	15.67	15.67	15.72	16.5
		25	0	15.44	15.6	15.66	16.5
	16QAM	1	0	15.75	15.89	15.89	16.5
		1	13	15.66	15.91	15.9	16.5
		1	24	15.84	15.9	15.91	16.5
		12	0	15.6	15.63	15.7	16.5
		12	6	15.45	15.57	15.63	16.5
		12	13	15.54	15.62	15.65	16.5
		25	0	15.4	15.57	15.61	16.5
	64QAM	1	0	15.96	15.98	15.75	16.5
		1	13	15.99	14.82	14.55	16.5
		1	24	15.95	15.92	15.91	16.5
		12	0	15.98	15.76	15.59	16.5
		12	6	15.74	15.68	15.66	16.5
		12	13	15.64	15.68	15.66	16.5
		25	0	15.54	15.74	15.74	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.65	15.58	15.6	16.5
		1	25	15.05	15.11	15.09	16.5
		1	49	15.64	15.65	15.67	16.5
		25	0	15.63	15.6	15.66	16.5
		25	13	15.64	15.63	15.66	16.5
		25	25	15.77	15.67	15.71	16.5
		50	0	15.5	15.63	15.67	16.5
	16QAM	1	0	16.02	15.86	15.9	16.5
		1	25	14.45	15.86	14.14	16.5
		1	49	15.92	15.93	15.97	16.5
		25	0	15.58	15.59	15.61	16.5
		25	13	15.85	15.57	15.63	16.5
		25	25	15.71	15.61	15.67	16.5
		50	0	15.43	15.57	15.6	16.5
	64QAM	1	0	15.99	16.01	15.78	16.5
		1	25	15.98	14.8	14.58	16.5
		1	49	15.92	15.89	15.93	16.5
		25	0	15.97	15.76	15.57	16.5
		25	13	15.75	15.68	15.68	16.5
		25	25	15.64	15.67	15.64	16.5
		50	0	15.55	15.7	15.72	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.6	15.5	15.51	16.5
		1	38	15.75	15.64	15.68	16.5
		1	74	15.72	15.63	15.68	16.5
		36	0	15.71	15.61	15.67	16.5
		36	18	15.71	15.64	15.7	16.5
		36	39	15.79	15.71	15.74	16.5
		75	0	15.82	15.65	15.66	16.5
	16QAM	1	0	15.75	15.81	15.75	16.5
		1	38	15.98	15.9	15.99	16.5
		1	74	16	15.9	15.9	16.5
		36	0	15.64	15.57	15.58	16.5
		36	18	15.63	15.6	15.63	16.5
		36	39	15.72	15.64	15.68	16.5
		75	0	15.75	15.6	15.63	16.5
	64QAM	1	0	16.06	16.07	15.85	16.5
		1	38	16.08	14.9	14.64	16.5
		1	74	16.02	15.99	16	16.5
		36	0	16.05	15.86	15.66	16.5
		36	18	15.81	15.75	15.74	16.5
		36	39	15.71	15.75	15.74	16.5
		75	0	15.61	15.8	15.8	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	15.61	15.61	15.6	16.5
		1	50	15.54	14.76	14.77	16.5
		1	99	15.82	15.79	15.8	16.5
		50	0	15.75	15.61	15.52	16.5
		50	25	15.73	15.62	15.67	16.5
		50	50	15.76	15.71	15.58	16.5
		100	0	15.71	15.68	15.69	16.5
	16QAM	1	0	15.8	15.85	15.83	16.5
		1	50	15.57	14.27	14.31	16.5
		1	99	16.06	15.87	16.12	16.5
		50	0	15.71	15.57	15.46	16.5
		50	25	15.61	15.55	15.62	16.5
		50	50	15.55	15.64	15.71	16.5
		100	0	15.63	15.61	15.65	16.5
	64QAM	1	0	16.09	16.08	15.92	16.5
		1	50	16.07	14.99	14.72	16.5
		1	99	15.98	16.05	16.09	16.5
		50	0	16.04	15.93	15.73	16.5
		50	25	15.81	15.84	15.83	16.5
		50	50	15.72	15.81	15.83	16.5
		100	0	15.61	15.87	15.87	16.5

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LTE Band 7 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	11.56	10.69	10.39	12
		1	13	11.74	10.64	10.25	12
		1	24	11.91	10.62	10.16	12
		12	0	11.55	10.59	10.36	12
		12	6	11.75	10.61	10.24	12
		12	13	11.73	10.62	10.11	12
		25	0	11.69	10.58	10.21	12
	16QAM	1	0	11.92	11.13	10.82	12
		1	13	11.85	11.09	10.63	12
		1	24	11.59	11.07	10.62	12
		12	0	11.6	10.65	10.41	12
		12	6	11.78	10.66	10.33	12
		12	13	11.75	10.68	10.17	12
		25	0	11.71	10.61	10.24	12
	64QAM	1	0	11.18	11.43	11.12	12
		1	13	11.33	10.98	11.32	12
		1	24	11.19	11.38	11.01	12
		12	0	11.25	10.95	11.69	12
		12	6	11.57	10.69	10.93	12
		12	13	11.49	11.17	10.72	12
		25	0	11.56	11.04	11.08	12
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.88	10.62	10.88	12
		1	25	11.85	11.6	11.3	12
		1	49	11.69	11.12	10.41	12
		25	0	11.84	10.67	10.33	12
		25	13	11.85	10.54	10.21	12
		25	25	11.96	10.74	10.98	12
		50	0	11.68	10.54	10.34	12
	16QAM	1	0	11.89	11.13	11.34	12
		1	25	11.87	11.95	11.75	12
		1	49	11.76	11.56	10.9	12
		25	0	11.86	10.71	10.37	12
		25	13	11.98	10.56	10.24	12
		25	25	11.96	10.76	10.03	12
		50	0	11.7	10.57	10.38	12
	64QAM	1	0	11.21	11.46	11.15	12
		1	25	11.36	11.12	11.35	12
		1	49	11.22	11.46	11.07	12
		25	0	11.28	10.98	11.73	12
		25	13	11.6	10.72	10.96	12
		25	25	11.52	11.25	10.75	12
		50	0	11.66	11.07	11.13	12

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.72	10.57	11.49	12
		1	38	11.96	10.55	10.32	12
		1	74	11.92	11.14	10.28	12
		36	0	11.89	10.6	10.98	12
		36	18	11.89	10.51	10.4	12
		36	39	11.86	10.82	10.32	12
		75	0	11.92	10.76	10.55	12
	16QAM	1	0	11.89	11.07	11.85	12
		1	38	11.95	11.02	10.78	12
		1	74	11.93	11.46	10.75	12
		36	0	11.88	10.63	11	12
		36	18	11.75	10.53	10.42	12
		36	39	11.86	10.83	10.37	12
		75	0	11.95	10.77	10.56	12
	64QAM	1	0	11.28	11.53	11.22	12
		1	38	11.43	11.08	11.42	12
		1	74	11.29	11.53	11.14	12
		36	0	11.35	11.05	11.79	12
		36	18	11.67	10.79	11.03	12
		36	39	11.59	11.27	10.82	12
		75	0	11.73	11.14	11.18	12

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	11.64	10.62	11.47	12
		1	50	11.98	10.68	10.68	12
		1	99	11.99	11.98	10.59	12
		50	0	11.89	10.63	11.45	12
		50	25	11.87	10.66	10.59	12
		50	50	11.89	11.14	10.35	12
		100	0	10.89	11.93	10.76	12
	16QAM	1	0	11.88	11.07	11.68	12
		1	50	11.89	11.1	11.09	12
		1	99	11.98	11.89	11.03	12
		50	0	11.86	10.67	11.46	12
		50	25	11.87	10.69	10.62	12
		50	50	11.78	11.17	10.39	12
		100	0	11.8	10.91	10.76	12
	64QAM	1	0	11.33	11.36	11.37	12
		1	50	11.28	11.13	11.47	12
		1	99	11.34	11.68	11.19	12
		50	0	11.4	11.1	11.54	12
		50	25	11.72	10.84	11.06	12
		50	50	11.64	11.32	10.85	12
		100	0	11.78	11.19	11.23	12

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LTE Band 7 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	13.63	13.63	13.7	14.5
		1	13	13.64	13.68	13.7	14.5
		1	24	13.69	13.67	13.7	14.5
		12	0	13.66	13.7	13.69	14.5
		12	6	13.63	13.66	13.61	14.5
		12	13	13.71	13.68	13.68	14.5
		25	0	13.63	13.64	13.65	14.5
	16QAM	1	0	13.91	13.89	14.02	14.5
		1	13	13.91	13.97	14.01	14.5
		1	24	14.04	13.95	13.98	14.5
		12	0	13.6	13.62	13.67	14.5
		12	6	13.53	13.58	13.58	14.5
		12	13	13.63	13.63	13.66	14.5
		25	0	13.56	13.56	13.61	14.5
	64QAM	1	0	13.65	13.63	13.65	14.5
		1	13	13.85	13.84	13.86	14.5
		1	24	13.76	13.75	13.85	14.5
		12	0	13.48	13.42	13.47	14.5
		12	6	13.46	13.46	13.54	14.5
		12	13	13.51	13.51	13.56	14.5
		25	0	13.42	13.46	13.51	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.62	13.58	13.6	14.5
		1	25	13.5	13.28	13.34	14.5
		1	49	13.68	13.67	13.67	14.5
		25	0	13.62	13.61	13.61	14.5
		25	13	13.64	13.64	13.66	14.5
		25	25	13.66	13.68	13.66	14.5
		50	0	13.63	13.64	13.63	14.5
	16QAM	1	0	13.79	13.84	13.83	14.5
		1	25	12.33	13.69	13.66	14.5
		1	49	13.99	13.89	14.01	14.5
		25	0	13.57	13.57	13.59	14.5
		25	13	13.6	13.56	13.59	14.5
		25	25	13.63	13.6	13.63	14.5
		50	0	13.58	13.56	13.6	14.5
	64QAM	1	0	13.69	13.67	13.67	14.5
		1	25	13.85	13.84	13.83	14.5
		1	49	13.76	13.74	13.85	14.5
		25	0	13.47	13.45	13.48	14.5
		25	13	13.46	13.46	13.54	14.5
		25	25	13.48	13.47	13.57	14.5
		50	0	13.43	13.46	13.52	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.56	13.52	13.53	14.5
		1	38	13.66	13.67	13.69	14.5
		1	74	13.62	13.66	13.69	14.5
		36	0	13.68	13.65	13.63	14.5
		36	18	13.72	13.65	13.68	14.5
		36	39	13.75	13.76	13.76	14.5
		75	0	13.72	13.68	13.72	14.5
	16QAM	1	0	13.85	13.83	13.83	14.5
		1	38	14.01	14	14.04	14.5
		1	74	14.05	13.92	14.01	14.5
		36	0	13.64	13.59	13.64	14.5
		36	18	13.62	13.62	13.67	14.5
		36	39	13.67	13.67	13.72	14.5
		75	0	13.59	13.63	13.66	14.5
	64QAM	1	0	13.75	13.73	13.73	14.5
		1	38	13.95	13.78	13.87	14.5
		1	74	13.82	13.78	13.91	14.5
		36	0	13.54	13.49	13.54	14.5
		36	18	13.52	13.52	13.61	14.5
		36	39	13.57	13.55	13.62	14.5
		75	0	13.49	13.52	13.58	14.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	13.58	13.65	13.58	14.5
		1	50	13.48	13.52	13.41	14.5
		1	99	13.81	13.72	13.8	14.5
		50	0	13.66	13.67	13.65	14.5
		50	25	13.7	13.62	13.67	14.5
		50	50	13.78	13.79	13.77	14.5
		100	0	13.74	13.71	13.72	14.5
	16QAM	1	0	13.88	13.99	13.89	14.5
		1	50	13.68	13.7	13.8	14.5
		1	99	14.04	14.08	14.2	14.5
		50	0	13.59	13.56	13.63	14.5
		50	25	13.59	13.59	13.6	14.5
		50	50	13.69	13.68	13.68	14.5
		100	0	13.61	13.6	13.63	14.5
	64QAM	1	0	13.8	13.78	13.78	14.5
		1	50	13.96	13.95	13.97	14.5
		1	99	13.87	13.85	13.96	14.5
		50	0	13.59	13.54	13.59	14.5
		50	25	13.57	13.57	13.65	14.5
		50	50	13.62	13.62	13.67	14.5
		100	0	13.54	13.57	13.63	14.5

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LTE Band 7 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.1	12.11	12.11	13
		1	13	12.13	12.13	12.14	13
		1	24	12.14	12.14	12.14	13
		12	0	12.13	12.17	12.2	13
		12	6	12.09	12.14	12.14	13
		12	13	12.16	12.19	12.19	13
		25	0	12.11	12.17	12.14	13
	16QAM	1	0	12.21	12.15	12.05	13
		1	13	12.25	12.21	12.11	13
		1	24	12.15	12.11	12.12	13
		12	0	12.1	12.12	12.13	13
		12	6	12.08	12.13	12.12	13
		12	13	12.05	12.12	12.15	13
		25	0	12.07	12.15	12.14	13
	64QAM	0	0	11.96	12.03	12.11	13
		1	13	11.92	11.93	12.06	13
		1	24	12.11	12.06	12.07	13
		12	0	12.05	12.07	12.08	13
		12	6	12.05	12.08	12.07	13
		12	13	12.1	12.07	12.12	13
		25	0	12.02	12.12	12.09	13
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	12.1	12.04	12.12	13
		1	25	11.89	12.01	11.81	13
		1	49	12.19	12.13	12.25	13
		25	0	12.11	12.15	12.17	13
		25	13	12.13	12.14	12.16	13
		25	25	12.14	12.17	12.16	13
		50	0	12.13	12.13	12.14	13
	16QAM	1	0	12.52	12.46	12.42	13
		1	25	11.98	11.98	12.42	13
		1	49	12.64	12.48	12.59	13
		25	0	12.07	12.06	12.08	13
		25	13	12.05	12.05	12.05	13
		25	25	12.1	12.1	12.12	13
		50	0	12.05	12.04	12.06	13
	64QAM	1	0	12.01	12.06	12.05	13
		1	25	11.97	11.98	12.13	13
		1	49	12.12	12.11	12.12	13
		25	0	12.1	12.15	12.13	13
		25	13	12.08	12.13	12.12	13
		25	25	12.05	12.14	12.15	13
		50	0	12.09	12.15	12.17	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.99	12.04	12.01	13
		1	38	12.16	12.13	12.15	13
		1	74	12.17	12.12	12.15	13
		36	0	12.16	12.17	12.14	13
		36	18	12.15	12.17	12.16	13
		36	39	12.2	12.2	12.21	13
		75	0	12.15	12.13	12.14	13
	16QAM	1	0	12.36	12.39	12.37	13
		1	38	12.5	12.61	12.51	13
		1	74	12.57	12.49	12.56	13
		36	0	12.11	12.06	12.09	13
		36	18	12.11	12.1	12.11	13
		36	39	12.17	12.17	12.17	13
		75	0	12.11	12.08	12.12	13
	64QAM	1	0	11.98	12.03	12.02	13
		1	38	11.95	11.95	12.08	13
		1	74	12.13	12.08	12.09	13
		36	0	12.07	12.09	12.05	13
		36	18	12.07	12.12	12.09	13
		36	39	12.02	12.09	12.12	13
		75	0	12.04	12.12	12.07	13

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.09	12.09	12.10	13
		1	50	11.87	11.94	11.92	13
		1	99	12.29	12.22	12.28	13
		50	0	12.12	12.12	12.11	13
		50	25	12.24	12.15	12.13	13
		50	50	12.15	12.18	12.17	13
		100	0	12.18	12.17	12.16	13
	16QAM	1	0	12.48	12.59	12.49	13
		1	50	11.67	12.39	12.23	13
		1	99	12.73	12.63	12.80	13
		50	0	12.07	12.06	12.06	13
		50	25	12.11	12.09	12.05	13
		50	50	12.18	12.10	12.16	13
		100	0	12.06	12.11	12.10	13
	64QAM	1	0	12.06	12.11	12.1	13
		1	50	12.02	12.03	12.16	13
		1	99	12.21	12.16	12.17	13
		50	0	12.15	12.17	12.18	13
		50	25	12.13	12.18	12.17	13
		50	50	12.1	12.17	12.2	13
		100	0	12.12	12.2	12.19	13

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LTE Band 7 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	13.63	13.68	13.67	14.5
		1	13	13.64	13.69	13.68	14.5
		1	24	13.65	13.70	13.70	14.5
		12	0	13.67	13.72	13.70	14.5
		12	6	13.66	13.66	13.64	14.5
		12	13	13.73	13.73	13.75	14.5
		25	0	13.62	13.67	13.70	14.5
	16QAM	1	0	13.88	13.94	13.82	14.5
		1	13	13.96	13.90	13.71	14.5
		1	24	13.97	13.95	13.90	14.5
		12	0	13.64	13.70	13.59	14.5
		12	6	13.60	13.65	13.58	14.5
		12	13	13.68	13.69	13.64	14.5
		25	0	13.58	13.65	13.62	14.5
	64QAM	0	0	13.53	13.06	13.52	14.5
		1	13	13.28	13.38	13.32	14.5
		1	24	13.77	13.48	13.56	14.5
		12	0	13.82	13.62	13.14	14.5
		12	6	12.96	13.28	13.51	14.5
		12	13	13.67	13.66	13.1	14.5
		25	0	13.6	13.39	13.47	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.61	13.62	13.63	14.5
		1	25	13.40	13.51	13.46	14.5
		1	49	13.69	13.68	13.70	14.5
		25	0	13.66	13.67	13.66	14.5
		25	13	13.66	13.65	13.69	14.5
		25	25	13.75	13.69	13.69	14.5
		50	0	13.64	13.71	13.68	14.5
	16QAM	1	0	13.89	13.89	13.84	14.5
		1	25	13.78	13.76	13.75	14.5
		1	49	13.98	13.87	13.96	14.5
		25	0	13.59	13.62	13.61	14.5
		25	13	13.60	13.64	13.61	14.5
		25	25	13.66	13.69	13.65	14.5
		50	0	13.57	13.61	13.62	14.5

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10MHz	64QAM	1	0	13.56	13.12	13.5	14.5
		1	25	13.27	13.34	13.31	14.5
		1	49	13.77	13.45	13.52	14.5
		25	0	13.81	13.57	13.15	14.5
		25	13	12.96	13.27	13.5	14.5
		25	25	13.67	13.66	13.12	14.5
		50	0	13.56	13.4	13.47	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.57	13.55	13.55	14.5
		1	38	13.72	13.66	13.71	14.5
		1	74	13.65	13.64	13.68	14.5
		36	0	13.66	13.67	13.68	14.5
		36	18	13.72	13.71	13.74	14.5
		36	39	13.75	13.73	13.73	14.5
		75	0	13.67	13.67	13.70	14.5
	16QAM	1	0	13.80	13.85	13.89	14.5
		1	38	14.03	13.91	14.02	14.5
		1	74	14.01	13.86	14.00	14.5
		36	0	13.63	13.64	13.61	14.5
		36	18	13.65	13.63	13.65	14.5
		36	39	13.68	13.66	13.68	14.5
		75	0	13.63	13.63	13.64	14.5
	64QAM	1	0	13.53	13.06	13.51	14.5
		1	38	13.22	13.36	13.27	14.5
		1	74	13.73	13.49	13.54	14.5
		36	0	13.8	13.6	13.18	14.5
		36	18	12.95	13.32	13.47	14.5
		36	39	13.63	13.65	13.07	14.5
		75	0	13.58	13.39	13.49	14.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	13.60	13.67	13.58	14.5
		1	50	13.42	13.42	13.45	14.5
		1	99	13.78	13.72	13.79	14.5
		50	0	13.65	13.70	13.64	14.5
		50	25	13.69	13.68	13.67	14.5
		50	50	13.81	13.74	13.75	14.5
		100	0	13.69	13.70	13.67	14.5
	16QAM	1	0	13.83	13.86	13.80	14.5
		1	50	13.61	13.64	13.68	14.5
		1	99	14.16	14.04	14.10	14.5
		50	0	13.58	13.59	13.57	14.5
		50	25	13.63	13.59	13.58	14.5
		50	50	13.69	13.65	13.68	14.5
		100	0	13.60	13.64	13.65	14.5
	64QAM	1	0	13.59	13.15	13.56	14.5
		1	50	13.31	13.41	13.35	14.5
		1	99	13.81	13.53	13.59	14.5
		50	0	13.85	13.65	13.23	14.5
		50	25	13.01	13.36	13.56	14.5
		50	50	13.71	13.7	13.15	14.5
		100	0	13.64	13.48	13.52	14.5

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LTE Band 7 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.11	12.09	12.10	13
		1	13	12.14	12.17	12.15	13
		1	24	12.13	12.15	12.14	13
		12	0	12.11	12.16	12.20	13
		12	6	12.09	12.14	12.09	13
		12	13	12.14	12.19	12.20	13
		25	0	12.12	12.13	12.13	13
	16QAM	1	0	12.42	12.51	12.52	13
		1	13	12.46	12.55	12.61	13
		1	24	12.47	12.55	12.57	13
		12	0	12.11	12.12	12.11	13
		12	6	12.04	12.05	12.07	13
		12	13	12.11	12.12	12.12	13
		25	0	12.05	12.09	12.08	13
	64QAM	0	0	12	11.81	11.95	13
		1	13	12.18	12.34	11.82	13
		1	24	12.07	12.17	12.26	13
		12	0	12.18	12.04	12.06	13
		12	6	12.05	12.33	12.09	13
		12	13	12.29	12.13	12.09	13
		25	0	12.02	12.01	11.94	13
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	12.12	12.06	12.07	13
		1	25	11.93	11.43	12.06	13
		1	49	12.18	12.19	12.23	13
		25	0	12.09	12.14	12.11	13
		25	13	12.14	12.16	12.17	13
		25	25	12.15	12.15	12.17	13
		50	0	12.12	12.17	12.18	13
	16QAM	1	0	12.34	12.38	12.33	13
		1	25	11.36	10.45	10.92	13
		1	49	12.41	12.48	12.56	13
		25	0	12.03	12.09	12.08	13
		25	13	12.09	12.08	12.10	13
		25	25	12.13	12.12	12.12	13
		50	0	12.04	12.07	12.03	13
	64QAM	1	0	11.98	11.79	11.95	13
		1	25	12.16	12.3	11.8	13
		1	49	12.1	12.19	12.28	13
		25	0	12.18	12.02	12.06	13
		25	13	12.03	12.29	12.11	13
		25	25	12.33	12.16	12.06	13
		50	0	12.02	11.95	11.93	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.00	12.02	12.03	13
		1	38	12.16	12.14	12.16	13
		1	74	12.18	12.13	12.17	13
		36	0	12.14	12.13	12.14	13
		36	18	12.18	12.14	12.20	13
		36	39	12.19	12.21	12.20	13
		75	0	12.15	12.15	12.17	13
	16QAM	1	0	12.37	12.38	12.30	13
		1	38	12.54	12.50	12.49	13
		1	74	12.49	12.45	12.53	13
		36	0	12.13	12.05	12.05	13
		36	18	12.10	12.10	12.13	13
		36	39	12.15	12.13	12.14	13
		75	0	12.09	12.07	12.12	13
	64QAM	1	0	12.01	11.84	11.93	13
		1	38	12.18	12.35	11.85	13
		1	74	12.12	12.19	12.26	13
		36	0	12.23	12.02	12.09	13
		36	18	12.09	12.33	12.11	13
		36	39	12.32	12.17	12.11	13
		75	0	12.01	11.97	11.96	13

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.14	12.14	12.13	13
		1	50	11.12	11.89	11.82	13
		1	99	12.32	12.2	12.31	13
		50	0	12.18	12.16	12.15	13
		50	25	12.14	12.18	12.14	13
		50	50	12.27	12.22	12.25	13
		100	0	12.2	12.19	12.16	13
	16QAM	1	0	12.42	12.5	12.4	13
		1	50	11.46	12.42	12.43	13
		1	99	12.59	12.57	12.69	13
		50	0	12.08	12.07	12.07	13
		50	25	12.09	12.09	12.08	13
		50	50	12.16	12.11	12.16	13
		100	0	12.07	12.11	12.11	13
	64QAM	1	0	12.04	11.88	12.02	13
		1	50	12.23	12.38	11.89	13
		1	99	12.16	12.23	12.33	13
		50	0	12.27	12.09	12.13	13
		50	25	12.12	12.38	12.16	13
		50	50	12.37	12.22	12.15	13
		100	0	12.07	12.04	12.02	13

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LTE Band 7 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.95	12.93	13	14
		1	13	13.35	13.29	13.35	14
		1	24	13.34	13.25	13.31	14
		12	0	13.41	13.33	13.41	14
		12	6	13.36	13.25	13.37	14
		12	13	13.41	13.33	13.35	14
		25	0	13.35	13.28	13.32	14
	16QAM	1	0	13.43	12.88	13.44	14
		1	13	13.63	13.48	13.55	14
		1	24	13.55	13.49	13.63	14
		12	0	13.37	13.29	13.34	14
		12	6	13.32	13.25	13.33	14
		12	13	13.4	13.28	13.34	14
		25	0	13.31	13.17	13.23	14
	64QAM	0	0	13.49	13.58	13.67	14
		1	13	13.61	13.41	13.64	14
		1	24	13.59	13.33	13.56	14
		12	0	13.37	13.33	13.36	14
		12	6	13.38	13.24	13.3	14
		12	13	13.38	13.27	13.35	14
		25	0	13.35	13.25	13.32	14
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.39	13.3	13.24	14
		1	25	13.11	12.95	12.94	14
		1	49	13.34	13.22	13.21	14
		25	0	13.39	13.32	13.35	14
		25	13	13.36	13.29	13.34	14
		25	25	13.38	13.27	13.34	14
		50	0	13.38	13.24	13.33	14
		1	0	13.59	13.63	13.63	14
		1	25	12.91	13.35	13.14	14
		1	49	13.57	13.45	13.69	14
		25	0	13.31	13.22	13.27	14
		25	13	13.29	13.22	13.28	14
		25	25	13.3	13.17	13.25	14
		50	0	13.27	13.18	13.23	14
	64QAM	1	0	13.47	13.45	13.49	14
		1	25	13.14	13.33	13.17	14
		1	49	13.36	13.37	13.52	14
		25	0	13.39	13.29	13.33	14
		25	13	13.3	13.24	13.23	14
		25	25	13.36	13.23	13.27	14
		50	0	13.29	13.21	13.25	14

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.3	13.26	13.21	14
		1	38	13.37	13.24	13.31	14
		1	74	13.23	13.15	13.2	14
		36	0	13.41	13.29	13.35	14
		36	18	13.37	13.27	13.3	14
		36	39	13.37	13.27	13.3	14
		75	0	13.36	13.28	13.33	14
	16QAM	1	0	13.57	13.61	13.37	14
		1	38	13.67	13.71	13.54	14
		1	74	13.51	13.49	13.37	14
		36	0	13.32	13.25	13.21	14
		36	18	13.28	13.23	13.23	14
		36	39	13.29	13.19	13.21	14
		75	0	13.24	13.22	13.24	14
	64QAM	1	0	13.45	13.45	13.44	14
		1	38	13.56	13.51	13.56	14
		1	74	13.44	13.37	13.44	14
		36	0	13.37	13.28	13.28	14
		36	18	13.32	13.24	13.3	14
		36	39	13.33	13.24	13.28	14
		75	0	13.28	13.22	13.29	14

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	13.38	13.41	13.32	14
		1	50	13.14	13.00	12.93	14
		1	99	13.30	13.24	13.28	14
		50	0	13.41	13.34	13.31	14
		50	25	13.35	13.30	13.24	14
		50	50	13.34	13.26	13.27	14
		100	0	13.34	13.30	13.31	14
	16QAM	1	0	13.67	13.69	13.49	14
		1	50	13.31	13.24	13.29	14
		1	99	13.64	13.58	13.63	14
		50	0	13.34	13.25	13.24	14
		50	25	13.26	13.21	13.19	14
		50	50	13.26	13.15	13.21	14
		100	0	13.28	13.21	13.23	14
	64QAM	1	0	13.6	13.62	13.44	14
		1	50	13.46	12.96	12.86	14
		1	99	13.55	13.5	13.45	14
		50	0	13.33	13.27	13.29	14
		50	25	13.29	13.23	13.21	14
		50	50	13.25	13.16	13.21	14
		100	0	13.34	13.24	13.27	14

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LTE Band 7 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	11.81	11.71	11.78	12.5
		1	13	11.85	11.76	11.75	12.5
		1	24	11.83	11.72	11.71	12.5
		12	0	11.89	11.79	11.85	12.5
		12	6	11.83	11.74	11.83	12.5
		12	13	11.85	11.79	11.87	12.5
		25	0	11.82	11.75	11.77	12.5
	16QAM	1	0	12.15	12.01	12.14	12.5
		1	13	12.08	11.96	12.23	12.5
		1	24	12.13	12.18	12.09	12.5
		12	0	11.82	11.76	11.79	12.5
		12	6	11.82	11.73	11.71	12.5
		12	13	11.84	11.72	11.75	12.5
		25	0	11.78	11.68	11.74	12.5
	64QAM	1	0	11.95	11.81	11.96	12.5
		1	13	12.04	11.99	11.95	12.5
		1	24	12.02	11.94	11.96	12.5
		12	0	11.87	11.82	11.85	12.5
		12	6	11.79	11.72	11.78	12.5
		12	13	11.84	11.76	11.76	12.5
		25	0	11.77	11.7	11.75	12.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.81	11.73	11.69	12.5
		1	25	11.86	10.25	10.22	12.5
		1	49	11.78	11.69	11.7	12.5
		25	0	11.84	11.77	11.81	12.5
		25	13	11.83	11.73	11.78	12.5
		25	25	11.84	11.76	11.77	12.5
		50	0	11.82	11.75	11.78	12.5
	16QAM	1	0	12.04	12.16	12.03	12.5
		1	25	11.83	10.16	10.62	12.5
		1	49	11.68	11.98	12.1	12.5
		25	0	11.8	11.73	11.73	12.5
		25	13	11.78	11.73	11.74	12.5
		25	25	11.74	11.64	11.71	12.5
		50	0	11.76	11.73	11.72	12.5
	64QAM	1	0	12.03	11.98	11.98	12.5
		1	25	11.65	10.72	10.73	12.5
		1	49	11.69	11.93	12.1	12.5
		25	0	11.84	11.76	11.76	12.5
		25	13	11.79	11.76	11.75	12.5
		25	25	11.77	11.71	11.73	12.5
		50	0	11.74	11.69	11.72	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.8	11.71	11.71	12.5
		1	38	11.84	11.76	11.76	12.5
		1	74	11.73	11.6	11.68	12.5
		36	0	11.84	11.79	11.82	12.5
		36	18	11.89	11.76	11.75	12.5
		36	39	11.84	11.76	11.76	12.5
		75	0	11.81	11.78	11.79	12.5
	16QAM	1	0	12.16	12.13	12.08	12.5
		1	38	12.06	12.21	12	12.5
		1	74	12.07	11.99	12.16	12.5
		36	0	11.82	11.74	11.71	12.5
		36	18	11.75	11.73	11.75	12.5
		36	39	11.78	11.68	11.67	12.5
		75	0	11.75	11.65	11.69	12.5
	64QAM	1	0	11.99	11.83	11.99	12.5
		1	38	12.05	11.98	11.92	12.5
		1	74	11.86	11.82	11.84	12.5
		36	0	11.84	11.76	11.72	12.5
		36	18	11.8	11.71	11.77	12.5
		36	39	11.77	11.71	11.74	12.5
		75	0	11.76	11.68	11.74	12.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	11.89	11.87	11.82	12.5
		1	50	11.41	11.37	11.40	12.5
		1	99	11.83	11.70	11.71	12.5
		50	0	11.89	11.86	11.81	12.5
		50	25	11.87	11.77	11.76	12.5
		50	50	11.81	11.77	11.78	12.5
		100	0	11.81	11.76	11.83	12.5
	16QAM	1	0	12.16	12.18	11.98	12.5
		1	50	11.19	11.87	11.68	12.5
		1	99	12.09	11.98	12.00	12.5
		50	0	11.83	11.74	11.72	12.5
		50	25	11.76	11.71	11.67	12.5
		50	50	11.78	11.66	11.69	12.5
		100	0	11.76	11.66	11.73	12.5
	64QAM	1	0	12.18	12.06	11.95	12.5
		1	50	10.93	11.32	11.52	12.5
		1	99	11.94	11.92	12.13	12.5
		50	0	11.86	11.77	11.72	12.5
		50	25	11.76	11.73	11.69	12.5
		50	50	11.78	11.69	11.75	12.5
		100	0	11.77	11.69	11.77	12.5

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LTE Band 7 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	9.19	8.59	8.07	9.5
		1	13	9.16	8.59	8.08	9.5
		1	24	9.3	8.59	7.98	9.5
		12	0	9.14	8.54	8.25	9.5
		12	6	9.18	8.58	8.13	9.5
		12	13	9.2	8.46	7.99	9.5
		25	0	9.16	8.41	8.1	9.5
	16QAM	1	0	9.31	8.81	8.32	9.5
		1	13	9.18	8.69	8.38	9.5
		1	24	9.4	8.71	8.27	9.5
		12	0	9.15	8.43	8.2	9.5
		12	6	9.22	8.46	8.1	9.5
		12	13	9.28	8.49	7.96	9.5
		25	0	9.17	8.38	8.02	9.5
	64QAM	1	0	9.41	8.96	8.49	9.5
		1	13	9.4	8.69	8.54	9.5
		1	24	9.28	8.81	8.37	9.5
		12	0	9.25	8.51	8.27	9.5
		12	6	9.32	8.57	8.17	9.5
		12	13	9.31	8.61	7.99	9.5
		25	0	9.18	8.5	8.06	9.5
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	9.21	8.73	8.84	9.5
		1	25	9.18	9.29	9.04	9.5
		1	49	9.3	8.94	8.28	9.5
		25	0	9.11	8.75	8.28	9.5
		25	13	9.2	8.52	8.06	9.5
		25	25	9.2	8.72	7.85	9.5
		50	0	9.18	8.51	8.2	9.5
	16QAM	1	0	9.31	9.05	9.14	9.5
		1	25	9.19	9.48	9.4	9.5
		1	49	9.39	9.2	8.59	9.5
		25	0	9.16	8.69	8.25	9.5
		25	13	9.23	8.46	8.04	9.5
		25	25	9.28	8.66	7.83	9.5
		50	0	9.17	8.45	8.18	9.5
	64QAM	1	0	9.39	9.01	9.24	9.5
		1	25	9.39	9.36	9.33	9.5
		1	49	9.28	9.36	8.72	9.5
		25	0	9.26	8.68	8.33	9.5
		25	13	9.31	8.44	8.12	9.5
		25	25	9.31	8.64	7.91	9.5
		50	0	9.2	8.39	8.25	9.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	9.2	8.52	9.2	9.5
		1	38	9.18	8.53	8	9.5
		1	74	9.29	9.09	7.89	9.5
		36	0	9.13	8.51	8.8	9.5
		36	18	9.21	8.44	8.1	9.5
		36	39	9.23	8.75	7.99	9.5
		75	0	9.15	8.67	8.26	9.5
	16QAM	1	0	9.3	8.86	9.41	9.5
		1	38	9.16	8.76	8.38	9.5
		1	74	9.4	9.38	8.2	9.5
		36	0	9.13	8.44	8.76	9.5
		36	18	9.24	8.38	8.07	9.5
		36	39	9.25	8.69	7.98	9.5
		75	0	9.19	8.6	8.22	9.5
	64QAM	1	0	9.42	9.06	9.38	9.5
		1	38	9.37	8.8	8.75	9.5
		1	74	9.29	9.42	8.44	9.5
		36	0	9.27	8.8	9.33	9.5
		36	18	9.3	8.52	8.58	9.5
		36	39	9.3	8.99	8.25	9.5
		75	0	9.21	8.82	8.78	9.5

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	9.27	8.58	9.48	9.5
		1	50	9.23	8.45	8.39	9.5
		1	99	9.36	9.39	8.17	9.5
		50	0	9.19	8.59	9.24	9.5
		50	25	9.27	8.55	8.33	9.5
		50	50	9.29	9.10	8.17	9.5
		100	0	9.23	8.84	8.69	9.5
	16QAM	1	0	9.36	9.08	9.43	9.5
		1	50	9.25	8.81	8.87	9.5
		1	99	9.47	9.47	8.47	9.5
		50	0	9.22	8.66	9.20	9.5
		50	25	9.3	8.50	8.44	9.5
		50	50	9.34	9.02	8.17	9.5
		100	0	9.24	8.75	8.64	9.5
	64QAM	1	0	9.48	9.24	9.38	9.5
		1	50	9.45	8.99	8.78	9.5
		1	99	9.35	9.45	8.65	9.5
		50	0	9.32	8.82	9.33	9.5
		50	25	9.39	8.53	8.56	9.5
		50	50	9.37	8.99	8.24	9.5
		100	0	9.27	8.8	8.89	9.5

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LTE Band 7 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	7.76	6.82	6.75	8
		1	13	7.76	6.7	6.76	8
		1	24	7.93	6.72	6.64	8
		12	0	7.71	6.66	6.9	8
		12	6	7.77	6.69	6.79	8
		12	13	7.72	6.7	6.66	8
		25	0	7.71	6.64	6.75	8
	16QAM	1	0	7.89	7.03	7.24	8
		1	13	7.92	6.9	7.09	8
		1	24	7.93	6.99	6.87	8
		12	0	7.68	6.61	6.87	8
		12	6	7.76	6.66	6.76	8
		12	13	7.71	6.65	6.62	8
		25	0	7.67	6.59	6.71	8
	64QAM	0	0	7.91	7.11	7.23	8
		1	13	7.99	7.14	7.08	8
		1	24	7.97	7.02	6.81	8
		12	0	7.73	6.77	6.93	8
		12	6	7.82	6.81	6.83	8
		12	13	7.75	6.82	6.72	8
		25	0	7.71	6.76	6.73	8
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	7.96	6.81	7.33	8
		1	25	7.93	7.77	7.38	8
		1	49	7.85	7.31	6.58	8
		25	0	7.92	6.82	6.76	8
		25	13	7.86	6.66	6.62	8
		25	25	7.89	6.88	6.45	8
		50	0	7.76	6.67	6.81	8
	16QAM	1	0	7.93	7.12	7.62	8
		1	25	7.88	7.96	7.9	8
		1	49	7.92	7.53	7	8
		25	0	7.85	6.77	6.71	8
		25	13	7.82	6.59	6.56	8
		25	25	7.81	6.8	6.42	8
		50	0	7.71	6.6	6.78	8
	64QAM	1	0	7.87	6.98	7.57	8
		1	25	7.94	7.92	7.61	8
		1	49	7.77	7.59	6.89	8
		25	0	7.88	6.82	6.79	8
		25	13	7.84	6.65	6.64	8
		25	25	7.85	6.86	6.49	8
		50	0	7.73	6.64	6.8	8

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Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	7.52	6.71	7.85	8
		1	38	7.53	6.66	6.59	8
		1	74	7.53	7.31	6.46	8
		36	0	7.64	6.68	7.28	8
		36	18	7.51	6.61	6.67	8
		36	39	7.83	6.95	6.56	8
		75	0	7.88	6.86	6.79	8
	16QAM	1	0	7.92	6.98	7.85	8
		1	38	7.81	6.96	6.85	8
		1	74	7.91	7.51	6.7	8
		36	0	7.82	6.63	7.23	8
		36	18	7.68	6.56	6.6	8
		36	39	7.82	6.91	6.5	8
		75	0	7.85	6.8	6.72	8
	64QAM	1	0	7.39	7.01	7.84	8
		1	38	7.38	6.99	6.82	8
		1	74	7.34	7.59	6.7	8
		36	0	7.2	6.69	7.26	8
		36	18	7.29	6.62	6.64	8
		36	39	7.58	6.97	6.53	8
		75	0	7.76	6.86	6.75	8

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	7.56	6.89	7.83	8
		1	50	7.58	6.7	6.97	8
		1	99	7.57	7.81	6.74	8
		50	0	7.68	6.83	7.73	8
		50	25	7.54	6.71	6.9	8
		50	50	7.86	7.28	6.73	8
		100	0	7.93	7.01	7.22	8
	16QAM	1	0	7.95	7.19	7.83	8
		1	50	7.84	7.05	7.3	8
		1	99	7.94	7.83	6.93	8
		50	0	7.85	6.75	7.68	8
		50	25	7.73	6.63	6.86	8
		50	50	7.86	7.21	6.57	8
		100	0	7.9	6.94	7.03	8
	64QAM	1	0	7.43	7.12	7.97	8
		1	50	7.41	7.01	7.16	8
		1	99	7.39	7.82	7	8
		50	0	7.24	6.78	7.73	8
		50	25	7.34	6.8	6.88	8
		50	50	7.62	7.3	6.73	8
		100	0	7.81	7.04	7.19	8

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LTE Band 12 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	22.52	22.99	22.66	24
		1	2	22.33	23.22	22.67	24
		1	5	22.8	22.68	22.76	24
		3	0	22.49	23.14	22.67	24
		3	2	22.34	23.21	22.65	24
		3	3	22.34	23.41	22.44	24
		6	0	21.26	22.04	21.45	23
	16QAM	1	0	21.75	22.19	21.96	23
		1	2	21.56	22.31	21.89	23
		1	5	22.05	22.91	22.1	23
		3	0	21.42	21.88	21.7	23
		3	2	21.27	21.96	21.66	23
		3	3	21.27	22.16	21.45	23
		6	0	20.34	21.07	20.77	22
	64QAM	1	0	21.36	21.31	21.34	22.5
		1	2	21.25	21.06	20.92	22.5
		1	5	21.16	21.22	21.19	22.5
		3	0	20.03	20.07	20.08	22.5
		3	2	20.08	20.08	20.08	22.5
		3	3	20.04	20.1	20.04	22.5
		6	0	20.02	20.03	20.06	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	22.89	22.99	22.55	24
		1	7	22.99	24.21	23.76	24
		1	14	22.55	23.89	22.94	24
		8	0	21.24	22.03	21.83	23
		8	4	21.08	22	21.76	23
		8	7	21.4	22.88	22.04	23
		15	0	20.95	22.11	21.42	23
	16QAM	1	0	21.67	21.93	21.58	23
		1	7	21.82	22.96	22.8	23
		1	14	21.38	22.83	22	23
		8	0	20.18	21.16	21.01	22
		8	4	20.05	21.15	21.02	22
		8	7	20.44	22	21.3	22
		15	0	19.93	21.16	20.53	22
	64QAM	1	0	21.42	21.37	21.4	22.5
		1	7	21.31	21.13	21.02	22.5
		1	14	21.22	21.29	21.27	22.5
		8	0	20.12	20.16	20.14	21.5
		8	4	20.16	20.17	20.18	21.5
		8	7	20.13	20.15	20.1	21.5
		15	0	20.1	20.11	20.13	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	23.26	22.85	22.98	24
		1	13	22.79	23.58	23.23	24
		1	24	22.77	23.61	23.21	24
		12	0	21.76	22.29	21.86	23
		12	6	21.55	22.89	22.16	23
		12	13	21.62	22.88	22.43	23
		25	0	21.56	22.73	22.21	23
	16QAM	1	0	22.31	21.95	22.05	23
		1	13	21.9	22.34	22.31	23
		1	24	21.86	22.57	22.05	23
		12	0	20.75	21.32	20.93	22
		12	6	20.55	21.9	21.27	22
		12	13	20.63	21.95	21.64	22
		25	0	20.51	21.75	21.2	22
	64QAM	1	0	21.51	21.42	21.47	22.5
		1	13	21.37	21.21	21.09	22.5
		1	24	21.3	21.36	21.33	22.5
		12	0	20.18	20.22	20.22	21.5
		12	6	20.23	20.24	20.23	21.5
		12	13	20.2	20.23	20.18	21.5
		25	0	20.18	20.19	20.21	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	22.94	22.65	23.95	24
		1	25	22.53	23.82	22.9	24
		1	49	23.53	22.42	22.9	24
		25	0	21.53	22.25	22.62	23
		25	13	21.66	22.12	21.15	23
		25	25	21.69	21.53	21.42	23
		50	0	21.64	21.67	21.57	23
	16QAM	1	0	21.76	21.45	22.81	23
		1	25	21.3	22.56	21.99	23
		1	49	22.25	21.27	22.01	23
		25	0	20.41	21.23	21.7	22
		25	13	20.64	21.14	20.22	22
		25	25	20.68	20.51	20.45	22
		50	0	20.64	20.66	20.51	22
	64QAM	1	0	21.56	21.51	21.54	22.5
		1	25	21.43	21.27	21.15	22.5
		1	49	21.38	21.41	21.39	22.5
		25	0	20.25	20.31	20.31	21.5
		25	13	20.29	20.29	20.3	21.5
		25	25	20.27	20.3	20.27	21.5
		50	0	20.24	20.28	20.28	21.5

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LTE Band 12 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	19.65	20.23	20.12	21.5
		1	2	19.54	20.35	20.07	21.5
		1	5	20.05	20.95	20.23	21.5
		3	0	19.69	20.26	20.07	21.5
		3	2	19.52	20.31	20.05	21.5
		3	3	19.55	20.41	19.83	21.5
		6	0	19.53	20.2	19.95	21.5
	16QAM	1	0	20.03	20.45	20.35	21.5
		1	2	19.77	20.54	20.28	21.5
		1	5	20.21	21.16	20.43	21.5
		3	0	19.71	20.24	20.05	21.5
		3	2	19.52	20.33	20.05	21.5
		3	3	19.56	20.39	19.85	21.5
		6	0	19.5	20.14	19.89	21.5
	64QAM	1	0	19.96	20	20.11	21.5
		1	2	19.73	19.7	19.7	21.5
		1	5	20.1	19.96	19.86	21.5
		3	0	19.79	19.93	19.81	21.5
		3	2	19.82	19.87	19.91	21.5
		3	3	19.86	19.87	19.81	21.5
		6	0	19.85	19.94	19.87	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.05	20.21	19.78	21.5
		1	7	20.08	21.06	21.26	21.5
		1	14	19.73	20.87	20.5	21.5
		8	0	19.45	20.32	20.32	21.5
		8	4	19.28	20.27	20.34	21.5
		8	7	19.65	21.13	20.69	21.5
		15	0	19.15	20.34	19.87	21.5
	16QAM	1	0	20.27	20.39	20.07	21.5
		1	7	20.35	21.25	21.41	21.5
		1	14	20.01	21.06	20.7	21.5
		8	0	19.41	20.27	20.28	21.5
		8	4	19.26	20.24	20.32	21.5
		8	7	19.6	21.06	20.65	21.5
		15	0	19.1	20.26	19.83	21.5
	64QAM	1	0	20.06	20.08	20.18	21.5
		1	7	19.81	19.79	19.79	21.5
		1	14	20.15	20.02	19.94	21.5
		8	0	19.87	19.99	19.91	21.5
		8	4	19.92	19.95	19.98	21.5
		8	7	19.93	19.94	19.88	21.5
		15	0	19.93	20.01	19.93	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.37	20.12	20.14	21.5
		1	13	19.9	21.17	20.55	21.5
		1	24	20.02	21.19	20.7	21.5
		12	0	19.96	20.53	20.08	21.5
		12	6	19.82	21.04	20.5	21.5
		12	13	19.87	21.02	20.9	21.5
		25	0	19.77	20.91	20.45	21.5
	16QAM	1	0	20.67	20.32	20.4	21.5
		1	13	20.2	21.32	20.84	21.5
		1	24	20.22	21.44	20.95	21.5
		12	0	19.86	20.53	20.1	21.5
		12	6	19.73	21.06	20.51	21.5
		12	13	19.8	21.03	20.91	21.5
		25	0	19.65	20.89	20.44	21.5
	64QAM	1	0	20.14	20.18	20.25	21.5
		1	13	19.87	19.85	19.86	21.5
		1	24	20.22	20.08	20.02	21.5
		12	0	19.95	20.05	20.01	21.5
		12	6	19.99	20.04	20.04	21.5
		12	13	20	20.02	19.97	21.5
		25	0	20.01	20.07	19.99	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	19.97	19.83	21.01	21.5
		1	25	19.73	20.87	19.88	21.5
		1	49	20.64	19.38	20.16	21.5
		25	0	19.62	20.49	20.88	21.5
		25	13	19.84	20.24	19.33	21.5
		25	25	19.81	19.64	19.71	21.5
		50	0	19.78	19.89	19.75	21.5
	16QAM	1	0	20.27	20.11	21.3	21.5
		1	25	19.89	21.18	20.15	21.5
		1	49	20.84	19.66	20.49	21.5
		25	0	19.63	20.47	20.75	21.5
		25	13	19.84	20.21	19.27	21.5
		25	25	19.8	19.57	19.64	21.5
		50	0	19.75	19.75	19.69	21.5
	64QAM	1	0	20.23	20.25	20.35	21.5
		1	25	19.92	19.9	19.95	21.5
		1	49	20.31	20.15	20.08	21.5
		25	0	20.03	20.13	20.1	21.5
		25	13	20.08	20.1	20.12	21.5
		25	25	20.05	20.07	20.06	21.5
		50	0	20.07	20.12	20.06	21.5

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LTE Band 12 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.31	20.75	20.67	22
		1	2	20.02	20.81	20.52	22
		1	5	20.51	21.33	20.71	22
		3	0	20.16	20.7	20.6	22
		3	2	19.95	20.86	20.54	22
		3	3	19.94	20.95	20.32	22
		6	0	19.95	20.72	20.42	22
	16QAM	1	0	20.47	20.95	20.96	22
		1	2	20.22	21.04	20.83	22
		1	5	20.64	21.62	20.98	22
		3	0	20.09	20.76	20.63	22
		3	2	19.93	20.84	20.57	22
		3	3	19.94	20.91	20.3	22
		6	0	20	20.65	20.38	22
	64QAM	1	0	20.56	20.55	20.74	22
		1	2	20.14	20.29	20.34	22
		1	5	20.56	20.6	20.37	22
		3	0	19.89	19.92	19.9	22
		3	2	19.93	19.86	19.87	22
		3	3	19.86	19.89	19.83	22
		6	0	19.82	19.87	19.87	22
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.54	20.65	20.34	22
		1	7	20.55	21.48	21.83	22
		1	14	20.17	21.29	20.96	22
		8	0	19.86	20.76	20.8	22
		8	4	19.76	20.7	20.81	22
		8	7	20.07	21.55	21.15	22
		15	0	19.62	20.77	20.35	22
	16QAM	1	0	20.81	20.9	20.54	22
		1	7	20.78	21.7	21.76	22
		1	14	20.39	21.62	21.18	22
		8	0	19.85	20.69	20.78	22
		8	4	19.71	20.66	20.81	22
		8	7	20.03	21.51	21.13	22
		15	0	19.55	20.71	20.29	22
	64QAM	1	0	20.63	20.61	20.82	22
		1	7	20.22	20.35	20.41	22
		1	14	20.64	20.68	20.45	22
		8	0	19.95	20	19.98	22
		8	4	19.99	19.95	19.97	22
		8	7	19.94	19.98	19.92	22
		15	0	19.9	19.94	19.93	22

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.85	20.53	20.55	22
		1	13	20.42	21.52	20.92	22
		1	24	20.47	21.64	21.11	22
		12	0	20.41	20.96	20.62	22
		12	6	20.21	21.51	20.95	22
		12	13	20.32	21.57	21.35	22
		25	0	20.2	21.39	20.96	22
	16QAM	1	0	21.1	20.75	20.82	22
		1	13	20.6	21.8	21.33	22
		1	24	20.66	21.79	21.43	22
		12	0	20.38	20.92	20.5	22
		12	6	20.24	21.4	20.89	22
		12	13	20.35	21.37	21.36	22
		25	0	20.22	21.37	20.86	22
	64QAM	1	0	20.72	20.68	20.88	22
		1	13	20.31	20.4	20.47	22
		1	24	20.72	20.74	20.53	22
		12	0	20.01	20.09	20.03	22
		12	6	20.05	20.01	20.05	22
		12	13	20.01	20.05	19.99	22
		25	0	20	20.04	20.02	22

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.43	20.2	21.37	22
		1	25	20.07	21.29	20.37	22
		1	49	21.06	19.83	20.62	22
		25	0	20.14	20.99	21.29	22
		25	13	20.34	20.76	19.76	22
		25	25	20.34	20.07	20.07	22
		50	0	20.3	20.31	20.17	22
	16QAM	1	0	20.65	20.38	21.62	22
		1	25	20.34	21.45	20.58	22
		1	49	21.24	20.08	20.96	22
		25	0	20.01	20.87	21.24	22
		25	13	20.23	20.73	19.75	22
		25	25	20.2	20.06	20.06	22
		50	0	20.15	20.28	20.16	22
	64QAM	1	0	20.81	20.74	20.96	22
		1	25	20.39	20.47	20.55	22
		1	49	20.8	20.81	20.61	22
		25	0	20.07	20.15	20.12	22
		25	13	20.1	20.11	20.13	22
		25	25	20.11	20.11	20.09	22
		50	0	20.07	20.11	20.1	22

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LTE Band 12 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.09	20.69	20.56	21.5
		1	2	19.94	20.77	20.4	21.5
		1	5	20.5	21.39	20.5	21.5
		3	0	20.14	20.76	20.48	21.5
		3	2	19.99	20.82	20.44	21.5
		3	3	19.97	20.99	20.23	21.5
		6	0	20	20.82	20.33	21.5
	16QAM	1	0	20.57	20.98	20.87	21.5
		1	2	20.23	21	20.76	21.5
		1	5	20.69	21.47	20.8	21.5
		3	0	20.17	20.74	20.5	21.5
		3	2	20.05	20.83	20.45	21.5
		3	3	19.99	21.01	20.26	21.5
		6	0	20	20.78	20.3	21.5
	64QAM	1	0	20.32	20.15	20.69	21.5
		1	2	20.48	20.53	20.47	21.5
		1	5	20.65	20.51	20.51	21.5
		3	0	19.92	19.97	19.98	21.5
		3	2	19.95	19.97	19.97	21.5
		3	3	19.97	19.94	19.93	21.5
		6	0	19.91	19.97	19.95	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.3	20.45	19.97	21.5
		1	7	20.4	21.45	21.37	21.5
		1	14	19.94	21.33	20.52	21.5
		8	0	19.74	20.69	20.49	21.5
		8	4	19.57	20.67	20.47	21.5
		8	7	19.9	21.47	20.83	21.5
		15	0	19.45	20.54	20.04	21.5
	16QAM	1	0	20.64	20.76	20.33	21.5
		1	7	20.79	21.45	21.42	21.5
		1	14	20.36	21.44	20.89	21.5
		8	0	19.75	20.66	20.46	21.5
		8	4	19.56	20.64	20.44	21.5
		8	7	19.9	21.43	20.79	21.5
		15	0	19.39	20.68	20.01	21.5
	64QAM	1	0	20.34	20.17	20.71	21.5
		1	7	20.31	20.55	20.49	21.5
		1	14	20.53	20.53	20.53	21.5
		8	0	19.94	19.99	20.05	21.5
		8	4	19.97	19.95	19.95	21.5
		8	7	19.99	19.96	19.95	21.5
		15	0	19.93	19.93	19.97	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.69	20.37	20.52	21.5
		1	13	20.17	21.48	20.73	21.5
		1	24	20.22	21.47	20.8	21.5
		12	0	20.28	20.88	20.39	21.5
		12	6	20.04	21.42	20.73	21.5
		12	13	20.23	21.46	21.1	21.5
		25	0	20.17	21.43	20.75	21.5
	16QAM	1	0	21.09	20.61	20.73	21.5
		1	13	20.58	21.48	21.12	21.5
		1	24	20.62	21.46	21.14	21.5
		12	0	20.27	20.87	20.36	21.5
		12	6	20.04	21.38	20.71	21.5
		12	13	20.09	21.4	21.08	21.5
		25	0	20.02	21.28	20.73	21.5
	64QAM	1	0	20.32	20.15	20.68	21.5
		1	13	20.47	20.52	20.46	21.5
		1	24	20.65	20.51	20.53	21.5
		12	0	19.91	19.96	19.97	21.5
		12	6	19.95	19.95	19.95	21.5
		12	13	19.97	19.93	19.92	21.5
		25	0	19.92	19.96	19.93	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.38	20	21.27	21.5
		1	25	19.98	21.3	20.3	21.5
		1	49	20.99	19.77	20.45	21.5
		25	0	19.98	20.86	21.35	21.5
		25	13	20.17	20.82	19.79	21.5
		25	25	20.23	20.14	20	21.5
		50	0	20.16	20.34	20.19	21.5
	16QAM	1	0	20.65	20.45	21.46	21.5
		1	25	20.25	21.45	20.67	21.5
		1	49	21.44	20.12	20.8	21.5
		25	0	20	20.86	21.23	21.5
		25	13	20.19	20.69	19.73	21.5
		25	25	20.24	20.02	19.92	21.5
		50	0	20.14	20.19	20.06	21.5
	64QAM	1	0	20.41	20.24	20.78	21.5
		1	25	20.57	20.62	20.56	21.5
		1	49	20.74	20.6	20.6	21.5
		25	0	20.01	20.06	20.07	21.5
		25	13	20.04	20.06	20.06	21.5
		25	25	20.06	20.03	20.02	21.5
		50	0	20	20.06	20.04	21.5

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LTE Band 12 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.79	19.3	19.37	20
		1	2	18.58	19.35	19.24	20
		1	5	19.09	19.95	19.38	20
		3	0	18.77	19.36	19.21	20
		3	2	18.59	19.42	19.18	20
		3	3	18.57	19.52	18.96	20
		6	0	18.61	19.32	19.06	20
	16QAM	1	0	19.1	19.56	19.57	20
		1	2	18.98	19.6	19.43	20
		1	5	19.39	19.97	19.56	20
		3	0	18.77	19.38	19.26	20
		3	2	18.66	19.43	19.17	20
		3	3	18.63	19.54	19.07	20
		6	0	18.62	19.26	19.14	20
	64QAM	1	0	19.13	19.16	19.18	20
		1	2	18.93	19.06	18.82	20
		1	5	19.16	19.13	18.97	20
		3	0	18.93	19.03	19.02	20
		3	2	18.97	19.02	18.98	20
		3	3	18.95	18.96	18.95	20
		6	0	18.83	18.77	18.69	20
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	19.14	19.34	18.81	20
		1	7	19.16	19.97	19.98	20
		1	14	18.8	19.99	19.49	20
		8	0	18.52	19.33	19.42	20
		8	4	18.42	19.26	19.46	20
		8	7	18.8	19.96	19.8	20
		15	0	18.27	19.46	18.99	20
	16QAM	1	0	19.36	19.48	19.14	20
		1	7	19.49	19.97	19.99	20
		1	14	19.17	19.95	19.82	20
		8	0	18.55	19.35	19.35	20
		8	4	18.33	19.26	19.39	20
		8	7	18.72	19.97	19.72	20
		15	0	18.13	19.36	18.86	20
	64QAM	1	0	19.11	19.13	19.17	20
		1	7	18.98	19.05	18.75	20
		1	14	19.13	19.07	18.96	20
		8	0	18.88	19.02	18.99	20
		8	4	18.94	18.99	18.95	20
		8	7	18.94	18.93	18.92	20
		15	0	18.8	18.75	18.66	20

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	19.52	19.15	19.25	20
		1	13	19.05	19.96	19.69	20
		1	24	19.06	19.98	19.84	20
		12	0	19.08	19.61	19.19	20
		12	6	18.92	19.98	19.58	20
		12	13	18.98	19.98	19.95	20
		25	0	18.86	19.97	19.59	20
	16QAM	1	0	19.8	19.43	19.37	20
		1	13	19.33	19.95	19.87	20
		1	24	19.36	19.96	19.93	20
		12	0	19.06	19.54	19.15	20
		12	6	18.91	19.91	19.58	20
		12	13	18.97	19.92	19.93	20
		25	0	18.84	19.91	19.56	20
	64QAM	1	0	19.08	19.11	19.13	20
		1	13	18.88	19.01	18.75	20
		1	24	19.13	19.05	18.94	20
		12	0	18.86	18.97	18.97	20
		12	6	18.92	18.95	18.93	20
		12	13	18.92	18.91	18.91	20
		25	0	18.78	18.75	18.64	20

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	19.16	18.91	19.98	20
		1	25	18.78	19.97	19.08	20
		1	49	19.69	18.37	19.34	20
		25	0	18.76	19.56	19.97	20
		25	13	18.92	19.45	18.38	20
		25	25	18.91	18.75	18.77	20
		50	0	18.9	19	18.83	20
	16QAM	1	0	19.33	19.22	19.97	20
		1	25	19.15	19.96	19.24	20
		1	49	19.93	18.72	19.56	20
		25	0	18.7	19.55	19.78	20
		25	13	18.99	19.28	18.28	20
		25	25	18.91	18.65	18.63	20
		50	0	18.89	18.86	18.75	20
	64QAM	1	0	19.19	19.22	19.24	20
		1	25	18.99	19.12	18.88	20
		1	49	19.22	19.16	19.05	20
		25	0	18.97	19.09	19.08	20
		25	13	19.03	19.08	19.04	20
		25	25	19.03	19.02	19.01	20
		50	0	18.89	18.83	18.75	20

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LTE Band 12 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.42	20.51	20.24	21.5
		1	2	20.56	21.20	20.49	21.5
		1	5	20.55	21.28	20.23	21.5
		3	0	20.28	20.43	20.10	21.5
		3	2	20.02	20.73	20.04	21.5
		3	3	20.02	20.79	19.85	21.5
		6	0	20.03	20.57	19.96	21.5
	16QAM	1	0	20.31	20.43	20.26	21.5
		1	2	20.55	21.21	20.53	21.5
		1	5	20.62	21.30	20.28	21.5
		3	0	20.19	20.60	19.89	21.5
		3	2	19.97	20.86	20.02	21.5
		3	3	19.97	20.87	19.85	21.5
		6	0	19.97	20.56	19.88	21.5
	64QAM	1	0	20.16	20.05	20.43	21.5
		1	2	19.88	20.22	20.29	21.5
		1	5	20.49	20.05	20.15	21.5
		3	0	19.76	19.81	19.82	21.5
		3	2	19.79	19.83	19.79	21.5
		3	3	19.81	19.78	19.83	21.5
		6	0	19.75	19.81	19.75	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.66	20.40	19.99	21.5
		1	7	20.62	21.42	21.21	21.5
		1	14	20.01	21.39	20.42	21.5
		8	0	20.83	20.29	20.12	21.5
		8	4	19.76	20.57	20.34	21.5
		8	7	20.21	21.40	20.54	21.5
		15	0	19.60	20.62	19.91	21.5
	16QAM	1	0	20.75	20.32	20.05	21.5
		1	7	20.73	21.46	21.21	21.5
		1	14	20.15	21.38	20.54	21.5
		8	0	19.89	20.41	20.44	21.5
		8	4	19.71	20.47	20.36	21.5
		8	7	19.90	21.39	20.68	21.5
		15	0	19.52	20.63	19.86	21.5
	64QAM	1	0	20.18	20.01	20.45	21.5
		1	7	19.92	20.24	20.31	21.5
		1	14	20.51	20.07	20.15	21.5
		8	0	19.78	19.83	19.84	21.5
		8	4	19.82	19.82	19.81	21.5
		8	7	19.83	19.85	19.82	21.5
		15	0	19.77	19.83	19.81	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.52	20.24	20.69	21.5
		1	13	20.79	21.41	20.74	21.5
		1	24	20.20	21.45	20.69	21.5
		12	0	20.45	20.61	20.52	21.5
		12	6	20.07	21.21	20.70	21.5
		12	13	19.98	21.44	20.96	21.5
		25	0	20.12	21.20	20.75	21.5
	16QAM	1	0	21.16	19.87	20.78	21.5
		1	13	20.41	21.28	20.88	21.5
		1	24	20.28	21.48	20.85	21.5
		12	0	20.34	20.52	20.47	21.5
		12	6	20.12	21.13	20.66	21.5
		12	13	20.01	21.35	20.89	21.5
		25	0	20.06	21.21	20.69	21.5
	64QAM	1	0	20.24	20.07	20.5	21.5
		1	13	19.95	20.32	20.35	21.5
		1	24	20.57	20.13	20.23	21.5
		12	0	19.84	19.89	19.81	21.5
		12	6	19.87	19.85	19.85	21.5
		12	13	19.89	19.86	19.83	21.5
		25	0	19.83	19.85	19.87	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.38	19.91	21.22	21.5
		1	25	19.93	21.18	20.49	21.5
		1	49	21.06	19.86	20.18	21.5
		25	0	19.91	20.59	21.35	21.5
		25	13	20.03	20.63	19.76	21.5
		25	25	20.04	20.08	19.91	21.5
		50	0	20.02	20.26	20.11	21.5
	16QAM	1	0	20.70	19.96	21.24	21.5
		1	25	19.85	21.20	20.53	21.5
		1	49	21.09	19.94	20.20	21.5
		25	0	19.93	20.44	21.27	21.5
		25	13	19.93	20.51	19.71	21.5
		25	25	19.97	20.07	19.86	21.5
		50	0	19.93	20.19	20.00	21.5
	64QAM	1	0	20.29	20.12	20.56	21.5
		1	25	20.01	20.35	20.42	21.5
		1	49	20.62	20.18	20.28	21.5
		25	0	19.89	19.94	19.95	21.5
		25	13	19.92	19.93	19.92	21.5
		25	25	19.94	19.91	19.93	21.5
		50	0	19.88	19.94	19.92	21.5

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LTE Band 12 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.80	19.10	18.95	20
		1	2	19.01	19.88	19.27	20
		1	5	19.10	19.96	19.00	20
		3	0	18.84	19.01	18.84	20
		3	2	18.65	19.27	18.75	20
		3	3	18.63	19.32	18.60	20
		6	0	18.63	19.05	18.69	20
	16QAM	1	0	18.99	18.90	18.96	20
		1	2	19.00	19.71	19.24	20
		1	5	19.02	19.81	18.99	20
		3	0	18.91	19.03	18.81	20
		3	2	18.55	19.34	18.70	20
		3	3	18.67	19.37	18.57	20
		6	0	18.58	19.06	18.56	20
	64QAM	1	0	19.09	19.05	19.23	20
		1	2	18.29	18.89	18.65	20
		1	5	19.09	18.44	18.69	20
		3	0	18.49	18.89	18.62	20
		3	2	18.3	18.71	18.31	20
		3	3	18.58	18.49	18.51	20
		6	0	18.49	18.63	18.52	20
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	19.11	18.96	18.61	20
		1	7	19.14	19.97	19.79	20
		1	14	18.60	19.98	19.05	20
		8	0	19.31	18.82	18.60	20
		8	4	18.31	19.11	18.94	20
		8	7	18.68	19.95	19.10	20
		15	0	18.15	19.28	18.54	20
	16QAM	1	0	19.46	18.89	18.60	20
		1	7	19.35	19.96	19.80	20
		1	14	18.74	19.64	19.09	20
		8	0	18.46	19.10	19.00	20
		8	4	18.24	19.24	18.92	20
		8	7	18.48	19.96	19.27	20
		15	0	18.08	19.17	18.50	20
	64QAM	1	0	19.36	19.28	19.51	20
		1	7	18.56	19.16	18.91	20
		1	14	19.32	18.73	18.96	20
		8	0	18.76	19.16	18.89	20
		8	4	18.57	18.95	18.58	20
		8	7	18.85	18.76	18.75	20
		15	0	18.73	18.85	18.76	20

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	19.40	18.76	19.21	20
		1	13	18.81	19.89	19.27	20
		1	24	18.71	19.98	19.33	20
		12	0	18.99	19.31	19.09	20
		12	6	18.63	19.92	19.28	20
		12	13	18.56	19.94	19.53	20
		25	0	18.60	19.90	19.35	20
	16QAM	1	0	19.71	18.77	19.17	20
		1	13	18.99	19.87	19.31	20
		1	24	18.82	19.91	19.34	20
		12	0	18.95	19.26	19.13	20
		12	6	18.59	19.87	19.31	20
		12	13	18.52	19.90	19.56	20
		25	0	18.55	19.86	19.28	20
	64QAM	1	0	19.13	19.05	19.26	20
		1	13	18.32	18.92	18.68	20
		1	24	19.12	18.45	18.73	20
		12	0	18.52	18.92	18.65	20
		12	6	18.33	18.74	18.34	20
		12	13	18.61	18.52	18.52	20
		25	0	18.52	18.63	18.55	20

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	19.56	18.47	19.90	20
		1	25	18.46	19.79	19.09	20
		1	49	19.69	18.36	18.89	20
		25	0	18.56	19.15	19.90	20
		25	13	18.55	19.18	18.33	20
		25	25	18.59	18.68	18.51	20
		50	0	18.56	18.80	18.70	20
	16QAM	1	0	19.34	18.45	19.97	20
		1	25	18.55	19.80	19.22	20
		1	49	19.77	18.36	19.03	20
		25	0	18.46	19.13	19.89	20
		25	13	18.45	19.19	18.32	20
		25	25	18.51	18.65	18.49	20
		50	0	18.47	18.74	18.61	20
	64QAM	1	0	19.23	19.15	19.37	20
		1	25	18.43	19.03	18.79	20
		1	49	19.23	18.58	18.83	20
		25	0	18.63	19.03	18.76	20
		25	13	18.44	18.85	18.45	20
		25	25	18.72	18.63	18.65	20
		50	0	18.63	18.74	18.66	20

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LTE Band 12 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.13	17.57	17.92	19
		1	2	16.87	17.65	17.85	19
		1	5	17.35	18.32	17.96	19
		3	0	17.04	17.67	17.8	19
		3	2	16.84	17.71	17.8	19
		3	3	16.81	17.8	17.57	19
		6	0	16.84	17.58	17.69	19
	16QAM	1	0	17.4	17.88	18.14	19
		1	2	17.16	17.96	17.97	19
		1	5	17.68	18.48	18.24	19
		3	0	17.07	17.64	17.83	19
		3	2	16.95	17.8	17.87	19
		3	3	16.88	17.85	17.65	19
		6	0	16.9	17.62	17.74	19
	64QAM	1	0	17.76	17.47	18.12	19
		1	2	17.33	18.25	17.56	19
		1	5	18.22	17.02	18.13	19
		3	0	17.95	17.86	18.24	19
		3	2	17.18	17.65	17.73	19
		3	3	17.21	17.02	17.22	19
		6	0	17.11	17.22	17.21	19
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.33	17.65	17.18	19
		1	7	17.54	18.51	18.73	19
		1	14	17.12	18.37	17.91	19
		8	0	16.85	17.67	17.69	19
		8	4	16.67	17.62	17.7	19
		8	7	17.03	18.45	18.09	19
		15	0	16.54	17.7	17.27	19
	16QAM	1	0	17.62	17.81	17.43	19
		1	7	17.72	18.65	18.94	19
		1	14	17.33	18.66	18.2	19
		8	0	16.74	17.7	17.7	19
		8	4	16.63	17.64	17.72	19
		8	7	16.93	18.47	18.13	19
		15	0	16.5	17.68	17.29	19
	64QAM	1	0	17.82	17.53	18.17	19
		1	7	17.39	18.34	17.62	19
		1	14	18.28	17.08	18.17	19
		8	0	18.05	17.92	18.23	19
		8	4	17.24	17.71	17.79	19
		8	7	17.27	17.08	17.28	19
		15	0	17.17	17.28	17.26	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.75	17.53	17.55	19
		1	13	17.38	18.55	18.05	19
		1	24	17.42	18.54	18.26	19
		12	0	17.37	17.94	17.5	19
		12	6	17.18	18.44	17.91	19
		12	13	17.31	18.39	18.46	19
		25	0	17.2	18.31	17.94	19
	16QAM	1	0	17.95	17.78	17.76	19
		1	13	17.64	18.81	18.28	19
		1	24	17.67	18.76	18.52	19
		12	0	17.33	17.89	17.48	19
		12	6	17.17	18.42	17.91	19
		12	13	17.28	18.36	18.45	19
		25	0	17.14	18.25	17.88	19
	64QAM	1	0	17.78	17.52	18.18	19
		1	13	17.38	18.33	17.56	19
		1	24	18.21	17.07	18.16	19
		12	0	18.04	17.91	18.29	19
		12	6	17.23	17.7	17.78	19
		12	13	17.26	17.11	17.27	19
		25	0	17.16	17.27	17.25	19

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.38	17.11	18.37	19
		1	25	17.05	18.27	17.45	19
		1	49	18.02	16.86	17.81	19
		25	0	16.99	18	18.28	19
		25	13	17.18	17.72	17.76	19
		25	25	17.3	17.04	17.13	19
		50	0	17.25	17.26	17.2	19
	16QAM	1	0	17.74	17.45	18.68	19
		1	25	17.31	18.49	17.54	19
		1	49	18.28	17	18.09	19
		25	0	17.97	17.84	18.22	19
		25	13	17.16	17.63	17.71	19
		25	25	17.19	17	17.17	19
		50	0	17.09	17.2	17.15	19
	64QAM	1	0	17.79	17.5	18.23	19
		1	25	17.36	18.31	17.59	19
		1	49	18.25	17.05	18.14	19
		25	0	18.02	17.89	18.27	19
		25	13	17.21	17.68	17.76	19
		25	25	17.24	17.05	17.25	19
		50	0	17.14	17.25	17.23	19

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LTE Band 12 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.71	16.14	16.58	17.5
		1	2	15.47	16.25	16.48	17.5
		1	5	15.95	16.88	16.63	17.5
		3	0	15.64	16.24	16.51	17.5
		3	2	15.44	16.29	16.48	17.5
		3	3	15.4	16.38	16.2	17.5
		6	0	15.57	16.16	16.37	17.5
	16QAM	1	0	15.98	16.33	16.83	17.5
		1	2	15.66	16.56	16.76	17.5
		1	5	16.12	17.1	16.87	17.5
		3	0	15.79	16.2	16.51	17.5
		3	2	15.63	16.31	16.49	17.5
		3	3	15.54	16.4	16.19	17.5
		6	0	15.58	16.16	16.37	17.5
	64QAM	1	0	16.41	16.24	16.92	17.5
		1	2	16.17	16.98	16.42	17.5
		1	5	16.92	15.87	16.99	17.5
		3	0	15.78	16.53	16.79	17.5
		3	2	15.96	16.29	15.46	17.5
		3	3	15.87	15.73	15.9	17.5
		6	0	15.85	15.89	15.89	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	15.99	16.17	16	17.5
		1	7	16.05	17	17.42	17.5
		1	14	15.74	16.82	16.81	17.5
		8	0	15.4	16.2	16.55	17.5
		8	4	15.32	16.24	16.61	17.5
		8	7	15.63	17.07	17.01	17.5
		15	0	15.2	16.33	16.17	17.5
	16QAM	1	0	16.23	16.47	16.13	17.5
		1	7	16.31	17.23	17.45	17.5
		1	14	16	17.06	17.07	17.5
		8	0	15.39	16.28	16.5	17.5
		8	4	15.29	16.22	16.57	17.5
		8	7	15.62	17.06	16.99	17.5
		15	0	15.14	16.29	16.1	17.5
	64QAM	1	0	16.42	16.24	16.92	17.5
		1	7	16.19	16.98	16.45	17.5
		1	14	16.92	15.87	16.99	17.5
		8	0	15.83	16.57	16.79	17.5
		8	4	15.96	16.29	15.46	17.5
		8	7	15.89	15.66	15.93	17.5
		15	0	15.93	15.89	15.89	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	16.36	15.99	16.25	17.5
		1	13	15.93	17.12	16.76	17.5
		1	24	15.99	17.15	16.98	17.5
		12	0	15.92	16.6	16.23	17.5
		12	6	15.74	17.03	16.62	17.5
		12	13	15.84	17.01	17.17	17.5
		25	0	15.88	16.89	16.62	17.5
	16QAM	1	0	16.58	16.34	16.43	17.5
		1	13	16.17	17.34	16.98	17.5
		1	24	16.28	17.32	17.21	17.5
		12	0	16	16.56	16.16	17.5
		12	6	15.84	17	16.56	17.5
		12	13	15.94	16.97	17.12	17.5
		25	0	15.82	16.83	16.56	17.5
	64QAM	1	0	16.36	16.25	16.79	17.5
		1	13	16.15	16.93	16.35	17.5
		1	24	16.87	15.82	16.94	17.5
		12	0	15.73	16.52	16.74	17.5
		12	6	15.93	16.24	15.58	17.5
		12	13	15.82	15.61	15.85	17.5
		25	0	15.85	15.84	15.84	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	16.04	15.83	17.04	17.5
		1	25	15.72	16.75	15.98	17.5
		1	49	16.57	15.48	16.45	17.5
		25	0	15.67	16.52	16.84	17.5
		25	13	15.87	16.2	15.5	17.5
		25	25	15.8	15.69	15.82	17.5
		50	0	15.8	15.84	15.76	17.5
	16QAM	1	0	16.31	16.12	17.36	17.5
		1	25	16.07	17.06	16.28	17.5
		1	49	16.89	15.75	16.87	17.5
		25	0	15.66	16.5	16.7	17.5
		25	13	15.84	16.17	15.58	17.5
		25	25	15.77	15.54	15.78	17.5
		50	0	15.78	15.77	15.74	17.5
	64QAM	1	0	16.47	16.3	16.98	17.5
		1	25	16.25	17.04	16.46	17.5
		1	49	16.98	15.93	17.05	17.5
		25	0	15.84	16.63	16.85	17.5
		25	13	16.02	16.35	15.52	17.5
		25	25	15.95	15.72	15.96	17.5
		50	0	15.96	15.95	15.95	17.5

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LTE Band 12 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.65	18.1	18.44	19.5
		1	2	17.42	18.16	18.27	19.5
		1	5	17.85	18.7	18.42	19.5
		3	0	17.56	18.16	18.29	19.5
		3	2	17.37	18.21	18.19	19.5
		3	3	17.34	18.3	17.96	19.5
		6	0	17.37	18.08	18.07	19.5
	16QAM	1	0	17.84	18.35	18.69	19.5
		1	2	17.69	18.38	18.52	19.5
		1	5	18.02	18.99	18.66	19.5
		3	0	17.55	18.2	18.33	19.5
		3	2	17.37	18.22	18.24	19.5
		3	3	17.35	18.33	17.97	19.5
		6	0	17.38	18.04	18.05	19.5
	64QAM	1	0	17.76	18.27	18.61	19.5
		1	2	17.65	18.33	18.45	19.5
		1	5	17.94	18.87	18.63	19.5
		3	0	17.66	18.12	18.25	19.5
		3	2	17.73	18.14	18.14	19.5
		3	3	17.65	18.25	17.89	19.5
		6	0	17.71	17.96	17.83	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.86	18.03	17.73	19.5
		1	7	17.92	18.8	19.38	19.5
		1	14	17.57	18.77	18.55	19.5
		8	0	17.27	18.16	18.34	19.5
		8	4	17.1	18.09	18.37	19.5
		8	7	17.48	18.89	18.76	19.5
		15	0	16.98	18.17	17.93	19.5
	16QAM	1	0	18.18	18.3	17.94	19.5
		1	7	18.11	19.05	19.43	19.5
		1	14	17.86	19.04	18.79	19.5
		8	0	17.2	18.1	18.28	19.5
		8	4	17.05	18.06	18.33	19.5
		8	7	17.45	18.87	18.72	19.5
		15	0	16.91	18.1	17.87	19.5
	64QAM	1	0	17.79	18.3	18.64	19.5
		1	7	17.68	18.33	18.47	19.5
		1	14	17.97	18.94	18.63	19.5
		8	0	17.69	18.15	18.28	19.5
		8	4	17.73	18.17	18.17	19.5
		8	7	17.67	18.28	17.92	19.5
		15	0	17.74	17.99	17.86	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	18.29	17.88	18.01	19.5
		1	13	17.83	18.93	18.59	19.5
		1	24	17.68	19.03	18.74	19.5
		12	0	17.79	18.44	17.96	19.5
		12	6	17.62	18.87	18.44	19.5
		12	13	17.71	18.87	18.96	19.5
		25	0	17.74	18.73	18.42	19.5
	16QAM	1	0	18.56	18.1	18.23	19.5
		1	13	18.08	19.1	18.86	19.5
		1	24	18.09	19.26	19	19.5
		12	0	17.74	18.4	17.93	19.5
		12	6	17.59	18.85	18.42	19.5
		12	13	17.68	18.83	18.94	19.5
		25	0	17.57	18.69	18.37	19.5
	64QAM	1	0	17.67	18.18	18.52	19.5
		1	13	17.52	18.23	18.35	19.5
		1	24	17.85	18.82	18.47	19.5
		12	0	17.57	18.11	18.16	19.5
		12	6	17.58	18.05	18.07	19.5
		12	13	17.59	18.16	17.83	19.5
		25	0	17.62	17.87	17.88	19.5

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.84	17.73	18.88	19.5
		1	25	17.58	18.68	17.78	19.5
		1	49	18.52	17.58	18.52	19.5
		25	0	17.59	18.43	18.63	19.5
		25	13	17.81	18.1	17.56	19.5
		25	25	17.72	17.53	17.59	19.5
		50	0	17.73	17.67	17.62	19.5
	16QAM	1	0	18.09	17.97	19.17	19.5
		1	25	17.81	18.93	18.05	19.5
		1	49	18.78	17.54	18.62	19.5
		25	0	17.53	18.38	18.6	19.5
		25	13	17.76	18.05	17.52	19.5
		25	25	17.67	17.59	17.55	19.5
		50	0	17.67	17.63	17.57	19.5
	64QAM	1	0	17.72	18.23	18.57	19.5
		1	25	17.57	18.26	18.4	19.5
		1	49	17.9	18.87	18.54	19.5
		25	0	17.58	18.08	18.21	19.5
		25	13	17.63	18.1	18.12	19.5
		25	25	17.58	18.21	17.85	19.5
		50	0	17.67	17.92	17.93	19.5

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LTE Band 12 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	16.23	16.69	17.1	18
		1	2	16.35	16.74	17	18
		1	5	16.42	17.3	17.11	18
		3	0	16.13	16.67	16.99	18
		3	2	16.28	16.71	16.96	18
		3	3	16.24	16.87	16.73	18
		6	0	16.32	16.71	16.85	18
	16QAM	1	0	16.52	16.91	17.37	18
		1	2	16.25	16.99	17.22	18
		1	5	16.74	17.54	17.34	18
		3	0	16.16	16.69	17.02	18
		3	2	16.56	16.77	17	18
		3	3	16.01	16.9	16.8	18
		6	0	16.38	16.71	16.83	18
	64QAM	1	0	16.33	16.75	17.18	18
		1	2	16.28	16.79	17.07	18
		1	5	16.55	17.35	17.15	18
		3	0	16.15	16.57	16.83	18
		3	2	16.37	16.58	16.85	18
		3	3	16.15	16.71	16.57	18
		6	0	16.19	16.52	16.64	18
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	16.46	16.6	16.42	18
		1	7	16.48	17.51	17.87	18
		1	14	16.18	17.32	17.21	18
		8	0	16.35	16.7	17.02	18
		8	4	16.31	16.66	17.18	18
		8	7	16.09	17.52	17.57	18
		15	0	16.27	16.75	16.69	18
	16QAM	1	0	16.77	16.92	16.66	18
		1	7	16.78	17.76	17.98	18
		1	14	16.43	17.57	17.49	18
		8	0	16.24	16.7	16.96	18
		8	4	16.35	16.67	17.06	18
		8	7	16.09	17.54	17.46	18
		15	0	16.23	16.73	16.68	18
	64QAM	1	0	16.37	16.79	17.22	18
		1	7	16.35	16.83	17.15	18
		1	14	16.59	17.39	17.17	18
		8	0	16.21	16.54	16.83	18
		8	4	16.38	16.54	16.85	18
		8	7	16.19	16.75	16.63	18
		15	0	16.23	16.56	16.68	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	16.87	16.55	16.72	18
		1	13	16.45	17.56	17.31	18
		1	24	16.51	17.57	17.56	18
		12	0	16.42	16.96	16.68	18
		12	6	16.24	17.47	17.14	18
		12	13	16.39	17.43	17.73	18
		25	0	16.27	17.46	17.17	18
	16QAM	1	0	17.03	16.86	16.95	18
		1	13	16.69	17.88	17.57	18
		1	24	16.77	17.84	17.82	18
		12	0	16.42	16.97	16.63	18
		12	6	16.26	17.48	17.14	18
		12	13	16.4	17.36	17.72	18
		25	0	16.23	17.27	17.13	18
	64QAM	1	0	16.36	16.75	17.21	18
		1	13	16.31	16.82	17.13	18
		1	24	16.58	17.38	17.18	18
		12	0	16.23	16.53	16.86	18
		12	6	16.41	16.61	16.85	18
		12	13	16.25	16.74	16.62	18
		25	0	16.22	16.55	16.67	18

Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	16.55	16.34	17.51	18
		1	25	16.24	17.23	16.5	18
		1	49	17.02	16.03	17.07	18
		25	0	16.12	16.94	17.31	18
		25	13	16.31	16.78	15.91	18
		25	25	16.27	16.1	16.33	18
		50	0	16.3	16.39	16.3	18
	16QAM	1	0	16.76	16.58	17.85	18
		1	25	16.49	17.42	16.77	18
		1	49	17.28	16.28	17.33	18
		25	0	16.08	16.9	17.13	18
		25	13	16.28	16.63	16.53	18
		25	25	16.22	16.27	16.28	18
		50	0	16.26	16.21	16.25	18
	64QAM	1	0	16.41	16.83	17.26	18
		1	25	16.36	16.87	17.15	18
		1	49	16.63	17.43	17.23	18
		25	0	16.25	16.58	16.91	18
		25	13	16.45	16.66	16.89	18
		25	25	16.23	16.79	16.67	18
		50	0	16.27	16.6	16.72	18

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LTE Band 17 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	22.48	22.7	22.55	24
		1	13	22.59	22.74	22.89	24
		1	24	23.26	23.7	22.29	24
		12	0	21.93	22.87	22.42	23
		12	6	22.44	22.74	22.19	23
		12	13	22.69	22.24	21.94	23
		25	0	22.6	22.81	22.67	23
	16QAM	1	0	21.62	22.55	22.19	23
		1	13	22.39	21.76	22.28	23
		1	24	22.63	22.57	22.45	23
		12	0	21.08	21.97	21.47	22
		12	6	21.39	21.6	21.27	22
		12	13	21.62	21.32	20.82	22
		25	0	21.48	21.56	21.46	22
	64QAM	1	0	20.93	20.91	20.98	22.5
		1	13	19.79	20.45	20.59	22.5
		1	24	20.84	20.9	20.98	22.5
		12	0	19.69	19.69	19.67	21.5
		12	6	19.7	19.73	19.71	21.5
		12	13	19.66	19.72	19.73	21.5
		25	0	19.73	19.69	19.71	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	23.07	22.88	23.52	24
		1	25	23.74	23.25	23.47	24
		1	49	23.54	23.24	22.48	24
		25	0	22.72	22.75	22.73	23
		25	13	22.64	22.88	22.91	23
		25	25	22.35	22.39	22.67	23
		50	0	22.64	22.72	22.71	23
	16QAM	1	0	22.69	22.62	22.87	23
		1	25	23.36	22.88	22.68	23
		1	49	23.08	22.71	22.22	23
		25	0	21.62	21.69	21.4	22
		25	13	21.53	21.63	21.61	22
		25	25	21.54	21.4	21.37	22
		50	0	21.51	21.49	21.49	22
	64QAM	1	0	21.02	21	21.04	22.5
		1	25	19.87	20.51	20.69	22.5
		1	49	20.92	21	21.05	22.5
		25	0	19.75	19.77	19.76	21.5
		25	13	19.79	19.79	19.78	21.5
		25	25	19.73	19.79	19.81	21.5
		50	0	19.78	19.74	19.8	21.5

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LTE Band 17 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	18.6	18.7	18.64	20
		1	13	18.76	18.7	18.68	20
		1	24	18.69	18.69	18.67	20
		12	0	18.75	18.72	18.73	20
		12	6	18.71	18.63	18.65	20
		12	13	18.78	18.74	18.7	20
		25	0	18.73	18.67	18.68	20
	16QAM	1	0	18.8	18.92	18.88	20
		1	13	19	18.89	18.92	20
		1	24	18.98	18.92	18.92	20
		12	0	18.76	18.7	18.69	20
		12	6	18.75	18.6	18.62	20
		12	13	18.75	18.7	18.73	20
		25	0	18.65	18.57	18.63	20
	64QAM	1	0	18.51	18.51	18.57	20
		1	13	18.14	17.58	18.13	20
		1	24	18.13	18.13	18.36	20
		12	0	18.48	17.82	18.08	20
		12	6	18.11	17.91	17.92	20
		12	13	18.13	18.09	17.88	20
		25	0	17.85	17.94	17.94	20
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	18.46	18.52	18.51	20
		1	25	18.20	18.13	18.13	20
		1	49	18.54	18.52	18.49	20
		25	0	18.57	18.52	18.53	20
		25	13	18.55	18.47	18.48	20
		25	25	18.54	18.54	18.55	20
		50	0	18.57	18.46	18.53	20
	16QAM	1	0	18.62	18.65	18.57	20
		1	25	18.26	18.35	18.22	20
		1	49	18.68	18.64	18.57	20
		25	0	18.51	18.47	18.49	20
		25	13	18.42	18.39	18.48	20
		25	25	18.44	18.49	18.51	20
		50	0	18.45	18.44	18.45	20
	64QAM	1	0	18.61	18.59	18.63	20
		1	25	18.23	17.67	18.22	20
		1	49	18.19	18.21	18.44	20
		25	0	18.55	17.91	18.18	20
		25	13	18.18	17.98	18	20
		25	25	18.18	18.15	17.94	20
		50	0	17.91	18.02	18	20

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LTE Band 17 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	19.38	19.14	19.41	20
		1	13	19.53	19.39	19.52	20
		1	24	19.43	19.47	19.4	20
		12	0	19.25	19.2	19.19	20
		12	6	19.21	19.16	19.1	20
		12	13	19.27	19.17	19.21	20
		25	0	19.17	19.12	19.16	20
	16QAM	1	0	19.13	19.22	19.19	20
		1	13	19.3	19.2	19.2	20
		1	24	19.21	19.22	19.22	20
		12	0	19.3	19.21	19.21	20
		12	6	19.25	19.16	19.14	20
		12	13	19.25	19.28	19.24	20
		25	0	19.21	19.17	19.18	20
	64QAM	1	0	18.67	18.82	19.4	20
		1	13	18.28	18.04	18.08	20
		1	24	18.72	18.67	18.39	20
		12	0	18.73	18.81	18.12	20
		12	6	18.05	18.43	18.56	20
		12	13	18.52	18.53	18.52	20
		25	0	18.04	18.07	18.18	20
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	18.95	19.05	19.09	20
		1	25	18.82	18.99	18.95	20
		1	49	18.91	19.01	19.03	20
		25	0	19.06	19.04	19.02	20
		25	13	19.03	19.09	19.05	20
		25	25	19.02	19.02	19.09	20
		50	0	19.01	19.05	19.02	20
	16QAM	1	0	18.85	19.13	19.13	20
		1	25	18.50	19.04	18.90	20
		1	49	18.92	19.18	19.04	20
		25	0	18.99	19.01	18.98	20
		25	13	18.97	18.99	18.95	20
		25	25	19.00	18.97	19.06	20
		50	0	18.91	18.92	18.93	20
	64QAM	1	0	18.76	18.91	19.46	20
		1	25	18.37	18.09	18.17	20
		1	49	18.8	18.76	18.48	20
		25	0	18.79	18.88	18.2	20
		25	13	18.13	18.49	18.63	20
		25	25	18.59	18.61	18.58	20
		50	0	18.12	18.13	18.25	20

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LTE Band 17 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	20.14	21.32	20.67	21.5
		1	13	21.12	20.52	20.69	21.5
		1	24	21.43	21.42	20.91	21.5
		12	0	20.42	21.33	21.1	21.5
		12	6	21.11	21.33	20.87	21.5
		12	13	21.34	21	20.32	21.5
		25	0	21.26	21.34	21.02	21.5
	16QAM	1	0	20.43	21.48	21.03	21.5
		1	13	21.42	20.81	21.15	21.5
		1	24	21.47	21.42	21.31	21.5
		12	0	20.27	21.26	21.08	21.5
		12	6	21.01	21.24	20.87	21.5
		12	13	21.24	20.92	20.34	21.5
		25	0	21.18	21.19	21.03	21.5
	64QAM	1	0	21.13	21.21	21.25	21.5
		1	13	20.77	20.73	20.68	21.5
		1	24	21.06	21.11	21.03	21.5
		12	0	20.51	20.51	20.57	21.5
		12	6	20.47	20.49	20.52	21.5
		12	13	20.45	20.45	20.48	21.5
		25	0	20.5	20.53	20.52	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	21.45	21.44	21.41	21.5
		1	25	21.49	21.16	21.31	21.5
		1	49	21.35	20.95	21.05	21.5
		25	0	21.32	21.43	21.16	21.5
		25	13	21.21	21.29	21.21	21.5
		25	25	21.14	21.02	20.93	21.5
		50	0	21.2	21.18	21.11	21.5
	16QAM	1	0	21.42	21.47	21.48	21.5
		1	25	21.49	21.4	21.47	21.5
		1	49	21.42	21.24	21.35	21.5
		25	0	21.29	21.39	21.11	21.5
		25	13	21.19	21.26	21.18	21.5
		25	25	21.13	21.01	20.9	21.5
		50	0	21.18	21.16	21.06	21.5
	64QAM	1	0	21.18	21.26	21.28	21.5
		1	25	20.82	20.78	20.73	21.5
		1	49	21.11	21.19	21.08	21.5
		25	0	20.56	20.56	20.58	21.5
		25	13	20.52	20.54	20.57	21.5
		25	25	20.49	20.49	20.53	21.5
		50	0	20.55	20.58	20.57	21.5

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LTE Band 17 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	18.94	18.89	18.87	20
		1	13	18.91	18.9	18.91	20
		1	24	18.93	18.9	18.89	20
		12	0	18.9	18.94	18.91	20
		12	6	18.9	18.91	18.87	20
		12	13	18.93	18.93	18.92	20
		25	0	18.86	18.88	18.89	20
	16QAM	1	0	19.16	19.1	19.08	20
		1	13	19.13	19.2	19.14	20
		1	24	19.17	19.2	19.08	20
		12	0	18.88	18.91	18.88	20
		12	6	18.84	18.82	18.79	20
		12	13	18.9	18.9	18.87	20
		25	0	18.81	18.82	18.83	20
	64QAM	1	0	18.51	18.74	18.72	20
		1	13	18.24	18.31	18.56	20
		1	24	18.46	18.49	18.38	20
		12	0	18.51	18.43	18.39	20
		12	6	18.28	18.26	18.43	20
		12	13	18.41	18.37	18.37	20
		25	0	18.34	18.12	18.15	20
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	18.83	18.78	18.83	20
		1	25	18.64	18.58	18.94	20
		1	49	18.63	18.9	18.89	20
		25	0	18.87	18.86	18.86	20
		25	13	18.89	18.85	18.9	20
		25	25	18.9	18.88	18.88	20
		50	0	18.89	18.9	18.86	20
	16QAM	1	0	19.08	18.98	19.04	20
		1	25	18.89	18.82	18.73	20
		1	49	19.21	19.18	19.13	20
		25	0	18.78	18.81	18.78	20
		25	13	18.84	18.82	18.84	20
		25	25	18.85	18.83	18.85	20
		50	0	18.81	18.84	18.81	20
	64QAM	1	0	18.63	18.86	18.82	20
		1	25	18.17	18.18	18.68	20
		1	49	18.58	18.61	18.5	20
		25	0	18.63	18.52	18.09	20
		25	13	18.06	18.38	18.55	20
		25	25	18.53	18.49	18.49	20
		50	0	18.05	18.2	18.15	20

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LTE Band 17 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	20.03	20.90	20.97	21.5
		1	13	20.99	20.65	20.81	21.5
		1	24	21.48	21.47	20.94	21.5
		12	0	20.19	21.29	21.22	21.5
		12	6	20.47	21.28	20.95	21.5
		12	13	20.74	21.07	20.25	21.5
		25	0	21.16	21.36	21.04	21.5
	16QAM	1	0	20.14	20.42	20.94	21.5
		1	13	21.12	20.39	20.85	21.5
		1	24	21.46	21.48	20.99	21.5
		12	0	20.13	21.27	21.19	21.5
		12	6	20.98	21.24	20.96	21.5
		12	13	21.25	21.05	20.24	21.5
		25	0	21.09	21.24	21.02	21.5
	64QAM	1	0	20.18	20.46	20.98	21.5
		1	13	21.16	20.47	20.89	21.5
		1	24	21.20	21.14	21.06	21.5
		12	0	20.17	21.31	21.23	21.5
		12	6	21.02	21.28	21.00	21.5
		12	13	21.29	21.09	20.28	21.5
		25	0	21.18	21.30	21.06	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	21.37	21.36	21.49	21.5
		1	25	21.45	21.28	21.49	21.5
		1	49	21.43	21.09	20.99	21.5
		25	0	21.35	20.98	21.11	21.5
		25	13	21.23	21.37	21.30	21.5
		25	25	21.26	21.12	20.97	21.5
		50	0	21.17	21.20	21.13	21.5
	16QAM	1	0	21.35	21.33	21.42	21.5
		1	25	21.47	21.33	21.47	21.5
		1	49	21.40	21.21	21.03	21.5
		25	0	21.24	20.91	21.02	21.5
		25	13	21.13	21.31	21.20	21.5
		25	25	21.17	21.08	20.93	21.5
		50	0	21.06	21.12	21.00	21.5
	64QAM	1	0	20.25	20.53	21.05	21.5
		1	25	21.23	20.50	20.96	21.5
		1	49	21.27	21.19	21.13	21.5
		25	0	20.24	21.38	21.30	21.5
		25	13	21.09	21.35	21.07	21.5
		25	25	21.36	21.16	20.35	21.5
		50	0	21.25	21.37	21.13	21.5

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LTE Band 17 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	18.92	18.86	18.86	20
		1	13	18.88	18.91	18.89	20
		1	24	18.92	18.91	18.82	20
		12	0	18.89	18.93	18.93	20
		12	6	18.87	18.9	18.91	20
		12	13	18.96	18.95	18.89	20
		25	0	18.87	18.88	18.88	20
	16QAM	1	0	19.18	19.11	19.16	20
		1	13	19.16	19.13	19.19	20
		1	24	19.17	19.2	19.13	20
		12	0	18.89	18.93	18.87	20
		12	6	18.87	18.85	18.83	20
		12	13	18.89	18.9	18.92	20
		25	0	18.79	18.79	18.82	20
	64QAM	1	0	18.72	18.65	18.71	20
		1	13	18.75	18.69	18.73	20
		1	24	18.73	18.75	18.67	20
		12	0	18.45	18.51	18.41	20
		12	6	18.41	18.39	18.43	20
		12	13	18.45	18.47	18.55	20
		25	0	18.32	18.33	18.39	20
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	18.82	18.75	18.79	20
		1	25	18.67	18.69	18.69	20
		1	49	18.9	18.92	18.87	20
		25	0	18.85	18.85	18.86	20
		25	13	18.88	18.89	18.87	20
		25	25	18.92	18.92	18.88	20
		50	0	18.87	18.85	18.85	20
	16QAM	1	0	19.02	18.99	19.02	20
		1	25	19.07	18.9	18.79	20
		1	49	19.07	19.11	19.08	20
		25	0	18.78	18.78	18.79	20
		25	13	18.79	18.8	18.78	20
		25	25	18.83	18.86	18.83	20
		50	0	18.81	18.85	18.8	20
	64QAM	1	0	18.86	18.79	18.85	20
		1	25	18.89	18.83	18.92	20
		1	49	18.87	18.88	18.81	20
		25	0	18.57	18.65	18.55	20
		25	13	18.55	18.53	18.57	20
		25	25	18.59	18.58	18.65	20
		50	0	18.47	18.47	18.53	20

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LTE Band 17 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	15.87	15.79	15.81	17.5
		1	13	15.8	15.81	15.81	17.5
		1	24	15.85	15.82	15.79	17.5
		12	0	15.78	15.87	15.84	17.5
		12	6	15.77	15.59	15.76	17.5
		12	13	15.86	15.87	15.84	17.5
		25	0	15.76	15.78	15.81	17.5
	16QAM	1	0	16.11	16.02	16.04	17.5
		1	13	16.05	15.82	16.1	17.5
		1	24	16.1	16.13	16.06	17.5
		12	0	15.79	15.81	15.81	17.5
		12	6	15.71	15.56	15.76	17.5
		12	13	15.81	15.85	15.8	17.5
		25	0	15.71	15.75	15.75	17.5
	64QAM	1	0	16.09	16.19	16.26	17.5
		1	13	15.92	16.68	16.09	17.5
		1	24	16.77	16.46	16.32	17.5
		12	0	15.47	15.85	15.87	17.5
		12	6	16.11	15.95	16.01	17.5
		12	13	16.43	16.99	16.83	17.5
		25	0	15.63	15.85	15.85	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	15.75	15.69	15.72	17.5
		1	25	15.21	15.95	16.08	17.5
		1	49	15.8	15.82	15.83	17.5
		25	0	15.73	15.79	15.79	17.5
		25	13	15.81	15.78	15.8	17.5
		25	25	15.83	15.84	15.84	17.5
		50	0	15.83	15.83	15.78	17.5
	16QAM	1	0	16.06	16.03	16.04	17.5
		1	25	15.33	15.28	15.24	17.5
		1	49	16.04	16.11	16.11	17.5
		25	0	15.69	15.71	15.74	17.5
		25	13	15.8	15.74	15.76	17.5
		25	25	15.78	15.79	15.77	17.5
		50	0	15.77	15.75	15.72	17.5
	64QAM	1	0	16.18	16.28	16.34	17.5
		1	25	15.98	16.77	16.16	17.5
		1	49	16.83	16.53	16.42	17.5
		25	0	15.55	15.91	15.93	17.5
		25	13	16.19	16.04	16.09	17.5
		25	25	16.5	17.06	16.91	17.5
		50	0	15.72	15.92	15.93	17.5

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LTE Band 17 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.07	14.87	14.83	16
		1	13	14.61	15.07	14.33	16
		1	24	14.94	14.45	14.52	16
		12	0	14.5	15.1	14.6	16
		12	6	14.61	15.27	14.52	16
		12	13	14.79	14.64	14.31	16
		25	0	14.67	14.87	14.39	16
	16QAM	1	0	14.33	15.14	15.1	16
		1	13	14.9	15.35	14.59	16
		1	24	15.22	14.7	14.74	16
		12	0	14.45	15.07	14.55	16
		12	6	14.57	15.21	14.45	16
		12	13	14.74	14.59	14.25	16
		25	0	14.59	14.79	14.3	16
	64QAM	1	0	14.86	14.91	15.05	16
		1	13	15.51	15.77	15.86	16
		1	24	15.25	14.78	14.11	16
		12	0	14.8	15.13	15.29	16
		12	6	15.24	15.68	15.55	16
		12	13	15.5	15.33	15.16	16
		25	0	15.08	15.12	15.12	16
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.5	14.51	15.03	16
		1	25	14.67	15.89	15.64	16
		1	49	15.9	14.51	14.67	16
		25	0	14.66	14.78	15.01	16
		25	13	15	14.9	14.8	16
		25	25	14.65	14.61	14.43	16
		50	0	14.56	14.66	14.62	16
	16QAM	1	0	14.7	14.71	15.37	16
		1	25	15.97	15.94	15.9	16
		1	49	14.96	14.67	14.96	16
		25	0	14.58	14.71	14.95	16
		25	13	14.93	14.85	14.74	16
		25	25	14.57	14.54	14.36	16
		50	0	14.49	14.6	14.56	16
	64QAM	1	0	14.94	14.98	15.14	16
		1	25	15.6	15.81	15.95	16
		1	49	15.32	14.88	14.19	16
		25	0	14.89	15.2	15.34	16
		25	13	15.34	15.75	15.63	16
		25	25	15.56	15.41	15.26	16
		50	0	15.16	15.18	15.18	16

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LTE Band 17 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.35	16.32	16.27	17.5
		1	13	16.33	16.35	16.34	17.5
		1	24	16.36	16.38	16.29	17.5
		12	0	16.34	16.36	16.33	17.5
		12	6	16.26	16.29	16.31	17.5
		12	13	16.37	16.38	16.32	17.5
		25	0	16.28	16.31	16.31	17.5
	16QAM	1	0	16.61	16.57	16.57	17.5
		1	13	16.56	16.61	16.63	17.5
		1	24	16.63	16.61	16.59	17.5
		12	0	16.23	16.32	16.27	17.5
		12	6	16.22	16.21	16.26	17.5
		12	13	16.31	16.35	16.32	17.5
		25	0	16.23	16.26	16.26	17.5
	64QAM	1	0	16.17	16.36	15.58	17.5
		1	13	16.11	16.41	16.47	17.5
		1	24	16.93	16.56	16.52	17.5
		12	0	15.59	15.7	16.24	17.5
		12	6	15.99	16.1	16.44	17.5
		12	13	16.59	16.99	16.88	17.5
		25	0	15.71	15.75	15.71	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.24	16.21	16.19	17.5
		1	25	16.12	15.97	15.99	17.5
		1	49	16.3	16.35	16.32	17.5
		25	0	16.26	16.28	16.27	17.5
		25	13	16.3	16.29	16.34	17.5
		25	25	16.35	16.33	16.34	17.5
		50	0	16.32	16.34	16.3	17.5
	16QAM	1	0	16.45	16.46	16.53	17.5
		1	25	15.94	16.59	15.97	17.5
		1	49	16.63	16.58	16.54	17.5
		25	0	16.21	16.19	16.23	17.5
		25	13	16.25	16.22	16.27	17.5
		25	25	16.29	16.26	16.26	17.5
		50	0	16.25	16.24	16.23	17.5
	64QAM	1	0	16.26	16.42	15.66	17.5
		1	25	16.17	16.35	16.37	17.5
		1	49	16.67	16.64	16.58	17.5
		25	0	15.64	15.8	16.31	17.5
		25	13	16.07	16.2	16.51	17.5
		25	25	16.66	17.05	16.98	17.5
		50	0	15.78	15.83	15.8	17.5

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LTE Band 17 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.8	14.68	14.86	16
		1	13	14.73	14.8	14.68	16
		1	24	14.75	14.86	14.83	16
		12	0	14.69	14.87	15	16
		12	6	14.29	14.84	14.3	16
		12	13	14.72	14.94	14.64	16
		25	0	14.6	14.68	14.76	16
	16QAM	1	0	15.14	14.88	15.12	16
		1	13	15.01	15.08	15	16
		1	24	15.05	15.14	15.11	16
		12	0	14.43	14.83	14.83	16
		12	6	14.68	14.56	14.59	16
		12	13	14.67	14.77	14.59	16
		25	0	14.52	14.62	14.7	16
	64QAM	1	0	14.22	14.1	14.26	16
		1	13	14.38	14.67	14.77	16
		1	24	14.39	14.13	14.44	16
		12	0	14.14	14.42	14.63	16
		12	6	14.61	14.85	14.91	16
		12	13	14.72	14.62	14.37	16
		25	0	14.34	14.57	14.56	16
Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.6	14.59	14.45	16
		1	25	14.63	14.46	14.49	16
		1	49	14.88	14.71	14.93	16
		25	0	14.62	14.67	15.04	16
		25	13	14.98	14.67	14.82	16
		25	25	14.93	14.91	14.73	16
		50	0	14.71	14.73	14.75	16
	16QAM	1	0	14.67	14.65	14.74	16
		1	25	15.21	15.09	14.34	16
		1	49	15.16	15.12	15.17	16
		25	0	14.64	14.63	15	16
		25	13	14.97	14.65	14.78	16
		25	25	14.86	14.77	14.7	16
		50	0	14.71	14.71	14.72	16
	64QAM	1	0	14.23	14.11	14.26	16
		1	25	14.39	14.69	14.78	16
		1	49	14.39	14.13	14.45	16
		25	0	14.15	14.43	14.64	16
		25	13	14.61	14.86	14.92	16
		25	25	14.73	14.63	14.39	16
		50	0	14.35	14.59	14.56	16

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LTE Band 26 hotspot disabled full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	22.62	23.06	22.78	24
		1	2	22.75	22.95	22.88	24
		1	5	22.77	22.89	22.8	24
		3	0	22.72	22.99	22.88	24
		3	2	22.77	22.98	22.86	24
		3	3	22.82	22.95	22.87	24
		6	0	21.99	22.06	22.09	23
	16QAM	1	0	22.11	22.46	22.15	23
		1	2	22.24	22.43	22.4	23
		1	5	22.27	22.35	22.35	23
		3	0	21.86	22.14	22.18	23
		3	2	21.92	22.11	22.18	23
		3	3	21.95	22.09	22.18	23
		6	0	20.98	21.09	21.24	22
	64QAM	1	0	21.1	21.16	20.89	22.5
		1	2	20.98	20.9	20.6	22.5
		1	5	20.78	20.6	20.76	22.5
		3	0	19.65	19.97	19.57	22.5
		3	2	19.55	19.96	19.55	22.5
		3	3	19.83	19.54	19.82	22.5
		6	0	19.5	19.82	19.69	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.55	23.08	22.79	24
		1	7	22.9	23.04	23.01	24
		1	14	22.58	22.86	22.73	24
		8	0	21.92	22.16	21.97	23
		8	4	22.01	22.1	21.99	23
		8	7	21.95	22.03	21.96	23
		15	0	21.94	22.1	21.97	23
	16QAM	1	0	21.85	22.43	22.18	23
		1	7	22.23	22.38	22.32	23
		1	14	21.97	22.2	22.24	23
		8	0	20.98	21.12	20.94	22
		8	4	21.06	21.05	21.06	22
		8	7	21	20.99	21.18	22
		15	0	21	21.06	21.06	22
	64QAM	1	0	21.16	21.25	20.94	22.5
		1	7	21.04	20.98	20.69	22.5
		1	14	20.87	20.69	20.82	22.5
		8	0	19.75	20.06	19.67	21.5
		8	4	19.63	20.05	19.41	21.5
		8	7	19.9	19.5	19.89	21.5
		15	0	19.56	19.9	19.77	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	22.66	23.19	22.61	24
		1	13	22.76	23.04	22.99	24
		1	24	22.44	22.97	22.82	24
		12	0	22.05	22.28	22	23
		12	6	22.03	22.18	22.04	23
		12	13	21.9	22.1	21.99	23
		25	0	21.98	22.3	22.11	23
	16QAM	1	0	22.07	22.44	21.83	23
		1	13	22.21	22.32	22.21	23
		1	24	21.91	22.22	22.07	23
		12	0	21.11	21.2	20.86	22
		12	6	21.12	21.03	20.9	22
		12	13	20.98	20.97	20.97	22
		25	0	20.99	21.11	20.94	22
	64QAM	1	0	21.26	21.34	21.04	22.5
		1	13	21.13	21.06	20.76	22.5
		1	24	20.93	20.77	20.89	22.5
		12	0	19.82	20.15	19.77	21.5
		12	6	19.69	20.12	19.47	21.5
		12	13	19.99	19.6	19.96	21.5
		25	0	19.66	20	19.85	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	22.91	22.94	22.56	24
		1	25	23.15	23.65	23.47	24
		1	49	22.5	23.12	23.09	24
		25	0	21.77	22.21	21.58	23
		25	13	21.4	22.24	21.71	23
		25	25	21.53	21.89	21.99	23
		50	0	21.6	22.1	22.02	23
	16QAM	1	0	22.35	22.34	21.93	23
		1	25	22.64	23.2	22.9	23
		1	49	22.5	22.51	22.63	23
		25	0	20.85	21.1	20.66	22
		25	13	20.44	21.13	20.68	22
		25	25	20.43	20.79	20.91	22
		50	0	20.74	21.01	20.92	22
	64QAM	1	0	21.33	21.42	21.09	22.5
		1	25	21.2	21.15	20.82	22.5
		1	49	20.98	20.84	20.98	22.5
		25	0	19.87	20.21	19.86	21.5
		25	13	19.75	20.2	19.52	21.5
		25	25	20.07	19.67	20.04	21.5
		50	0	19.75	20.09	19.94	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	22.9	23.12	23.09	24
		1	38	22.81	22.95	22.58	24
		1	74	22.79	22.49	22.8	24
		36	0	21.78	22.18	21.93	23
		36	18	21.73	22.29	21.56	23
		36	39	22.03	22.05	22.11	23
		75	0	21.73	22.15	22.05	23
	16QAM	1	0	22.48	22.51	22.25	23
		1	38	22.27	22.43	21.64	23
		1	74	22.22	21.88	22.07	23
		36	0	20.98	21.12	20.93	22
		36	18	20.69	21.22	20.69	22
		36	39	20.98	21	21.05	22
		75	0	20.66	21.07	20.95	22
	64QAM	1	0	21.4	21.47	21.16	22.5
		1	38	21.26	21.22	20.87	22.5
		1	74	21.07	20.9	21.05	22.5
		36	0	19.97	20.28	19.94	21.5
		36	18	19.84	20.26	19.59	21.5
		36	39	20.17	19.76	20.13	21.5
		75	0	19.84	20.15	20.03	21.5

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LTE Band 26 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	18.29	18.27	18.31	19.5
		1	2	18.01	17.84	17.78	19.5
		1	5	18.28	18.25	18.28	19.5
		3	0	18.25	18.21	18.25	19.5
		3	2	18.12	17.97	17.98	19.5
		3	3	18.17	18.17	18.13	19.5
		6	0	18.24	18.18	18.18	19.5
	16QAM	1	0	18.54	18.47	18.5	19.5
		1	2	18.29	18.26	18.29	19.5
		1	5	18.5	18.49	18.52	19.5
		3	0	18.2	18.15	18.18	19.5
		3	2	18.1	18.23	18.11	19.5
		3	3	18.25	18.13	18.25	19.5
		6	0	18.16	18.16	18.15	19.5
	64QAM	1	0	18.06	18.05	17.84	19.5
		1	2	17.35	18.11	17.1	19.5
		1	5	17.95	17.7	17.24	19.5
		3	0	17.43	17.75	17.45	19.5
		3	2	17.02	17.72	16.83	19.5
		3	3	17.41	17.75	16.99	19.5
		6	0	17.43	17.82	17.29	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.28	18.24	18.3	19.5
		1	7	17.78	17.7	17.79	19.5
		1	14	18.24	18.28	18.22	19.5
		8	0	18.2	18.14	18.2	19.5
		8	4	18.24	18.21	18.26	19.5
		8	7	18.16	18.2	18.21	19.5
		15	0	18.25	18.2	18.27	19.5
	16QAM	1	0	18.49	18.52	18.54	19.5
		1	7	18.06	17.99	18.32	19.5
		1	14	18.44	18.49	18.49	19.5
		8	0	18.21	18.18	18.2	19.5
		8	4	18.16	18.12	18.22	19.5
		8	7	18.25	18.18	18.16	19.5
		15	0	18.21	18.11	18.21	19.5
	64QAM	1	0	18.12	18.13	17.9	19.5
		1	7	17.41	18.17	17.18	19.5
		1	14	18.01	17.76	17.32	19.5
		8	0	17.52	17.84	17.54	19.5
		8	4	17.11	17.78	16.89	19.5
		8	7	17.49	17.82	17.04	19.5
		15	0	17.5	17.92	17.34	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	18.26	18.22	18.24	19.5
		1	13	18.28	18.27	18.26	19.5
		1	24	18.2	18.23	18.26	19.5
		12	0	18.32	18.27	18.24	19.5
		12	6	18.2	18.18	18.19	19.5
		12	13	18.24	18.27	18.31	19.5
		25	0	18.24	18.21	18.25	19.5
	16QAM	1	0	18.45	18.4	18.41	19.5
		1	13	18.46	18.48	18.45	19.5
		1	24	18.47	18.52	18.44	19.5
		12	0	18.24	18.24	18.23	19.5
		12	6	18.18	18.16	18.21	19.5
		12	13	18.21	18.25	18.24	19.5
		25	0	18.18	18.17	18.2	19.5
	64QAM	1	0	18.22	18.2	17.97	19.5
		1	13	17.49	18.25	17.24	19.5
		1	24	18.08	17.85	17.39	19.5
		12	0	17.58	17.94	17.62	19.5
		12	6	17.21	17.83	16.96	19.5
		12	13	17.58	17.9	17.1	19.5
		25	0	17.56	18.01	17.44	19.5

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	18.28	18.21	18.22	19.5
		1	25	17.94	17.96	18.08	19.5
		1	49	18.21	18.23	18.2	19.5
		25	0	18.23	18	18.25	19.5
		25	13	18.23	18.23	18.23	19.5
		25	25	18.26	18.24	18.25	19.5
		50	0	18.2	18.21	18.24	19.5
	16QAM	1	0	18.44	18.44	18.4	19.5
		1	25	18.3	18.23	18.14	19.5
		1	49	18.4	18.45	18.47	19.5
		25	0	17.96	18.13	18.16	19.5
		25	13	18.16	18.15	18.14	19.5
		25	25	18.17	18.18	18.18	19.5
		50	0	18.13	18.12	18.21	19.5
	64QAM	1	0	18.28	18.27	18.02	19.5
		1	25	17.58	18.31	17.32	19.5
		1	49	18.14	17.91	17.49	19.5
		25	0	17.64	18.02	17.7	19.5
		25	13	17.3	17.91	17.02	19.5
		25	25	17.65	17.97	17.2	19.5
		50	0	17.63	18.06	17.51	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	18.68	**18.68**	18.66	19.5
		1	38	18.34	18.38	18.34	19.5
		1	74	18.20	18.33	18.24	19.5
		36	0	18.27	18.31	18.36	19.5
		36	18	18.33	**18.30**	18.31	19.5
		36	39	18.34	18.34	18.36	19.5
		75	0	18.32	**18.26**	18.29	19.5
	16QAM	1	0	18.27	18.21	18.42	19.5
		1	38	18.34	18.21	18.33	19.5
		1	74	18.19	18.11	18.46	19.5
		36	0	18.28	18.21	18.25	19.5
		36	18	18.27	18.22	18.24	19.5
		36	39	18.28	18.27	18.28	19.5
		75	0	18.24	18.19	18.23	19.5
	64QAM	1	0	18.35	18.35	18.07	19.5
		1	38	17.67	18.38	17.38	19.5
		1	74	18.22	17.98	17.55	19.5
		36	0	17.71	18.1	17.79	19.5
		36	18	17.4	17.99	17.12	19.5
		36	39	17.7	18.02	17.29	19.5
		75	0	17.71	18.14	17.58	19.5

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LTE Band 26 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	17.8	17.74	17.78	19
		1	2	17.6	17.52	17.47	19
		1	5	17.78	17.75	17.73	19
		3	0	17.69	17.69	17.7	19
		3	2	17.46	17.47	17.49	19
		3	3	17.62	17.68	17.69	19
		6	0	17.67	17.65	17.7	19
	16QAM	1	0	18	17.88	17.98	19
		1	2	17.63	17.57	17.84	19
		1	5	17.95	17.81	17.96	19
		3	0	17.74	17.64	17.79	19
		3	2	17.73	17.32	17.72	19
		3	3	17.69	17.61	17.62	19
		6	0	17.56	17.5	17.66	19
	64QAM	1	0	17.44	17.61	17.26	19
		1	2	17.24	17.46	16.69	19
		1	5	17.39	16.57	17.29	19
		3	0	16.91	17.36	16.94	19
		3	2	16.84	17.34	16.54	19
		3	3	17.17	16.87	17.13	19
		6	0	16.82	17.24	16.85	19
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	17.76	17.73	17.78	19
		1	7	17.53	17.49	17.54	19
		1	14	17.75	17.74	17.71	19
		8	0	17.73	17.64	17.69	19
		8	4	17.78	17.73	17.76	19
		8	7	17.67	17.68	17.71	19
		15	0	17.74	17.71	17.77	19
	16QAM	1	0	18.08	17.94	18.04	19
		1	7	17.54	17.58	17.94	19
		1	14	18.02	18.04	18	19
		8	0	17.65	17.58	17.66	19
		8	4	17.7	17.7	17.73	19
		8	7	17.66	17.58	17.64	19
		15	0	17.73	17.67	17.74	19
	64QAM	1	0	17.53	17.71	17.31	19
		1	7	17.3	17.53	16.75	19
		1	14	17.46	16.64	17.35	19
		8	0	17.01	17.42	17.02	19
		8	4	16.91	17.42	16.6	19
		8	7	17.26	16.94	17.21	19
		15	0	16.89	17.29	16.94	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	17.79	17.72	17.72	19
		1	13	17.81	17.76	17.77	19
		1	24	17.74	17.79	17.71	19
		12	0	17.84	17.77	17.78	19
		12	6	17.71	17.75	17.74	19
		12	13	17.75	17.77	17.78	19
		25	0	17.75	17.72	17.74	19
	16QAM	1	0	18	17.93	17.96	19
		1	13	17.99	18.04	17.94	19
		1	24	17.97	17.98	17.91	19
		12	0	17.77	17.71	17.74	19
		12	6	17.72	17.69	17.69	19
		12	13	17.71	17.76	17.78	19
		25	0	17.68	17.69	17.72	19
	64QAM	1	0	17.62	17.79	17.37	19
		1	13	17.39	17.62	16.84	19
		1	24	17.52	16.74	17.42	19
		12	0	17.09	17.47	17.11	19
		12	6	16.96	17.47	16.65	19
		12	13	17.33	17	17.29	19
		25	0	16.98	17.35	17.01	19

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	17.69	17.66	17.66	19
		1	25	17.45	17.43	17.45	19
		1	49	17.64	17.67	17.68	19
		25	0	17.72	17.66	17.68	19
		25	13	17.71	17.46	17.69	19
		25	25	17.71	17.68	17.71	19
		50	0	17.65	17.63	17.69	19
	16QAM	1	0	17.97	17.97	17.9	19
		1	25	17.74	17.62	17.64	19
		1	49	17.92	18	17.97	19
		25	0	17.74	17.69	17.68	19
		25	13	17.65	17.69	17.69	19
		25	25	17.71	17.72	17.7	19
		50	0	17.67	17.64	17.68	19
	64QAM	1	0	17.7	17.88	17.45	19
		1	25	17.47	17.68	16.9	19
		1	49	17.59	16.82	17.51	19
		25	0	17.18	17.53	17.18	19
		25	13	17.02	17.56	16.74	19
		25	25	17.41	17.06	17.37	19
		50	0	17.04	17.41	17.07	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	17.70	**17.66**	17.69	19
		1	38	17.78	17.62	17.76	19
		1	74	17.68	17.63	17.67	19
		36	0	17.79	17.74	17.85	19
		36	18	17.88	**17.67**	17.78	19
		36	39	17.84	17.67	17.86	19
		75	0	17.81	**17.78**	17.78	19
	16QAM	1	0	17.71	17.75	17.73	19
		1	38	17.93	17.60	17.78	19
		1	74	17.73	17.60	17.67	19
		36	0	17.74	17.76	17.72	19
		36	18	17.81	17.80	17.72	19
		36	39	17.76	17.79	17.73	19
		75	0	17.69	17.69	17.75	19
	64QAM	1	0	17.79	17.73	17.5	19
		1	38	17.53	17.73	16.99	19
		1	74	17.66	16.91	17.59	19
		36	0	17.25	17.6	17.24	19
		36	18	17.09	17.63	16.83	19
		36	39	17.47	17.12	17.44	19
		75	0	17.1	17.48	17.13	19

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LTE Band 26 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	20.54	20.6	20.72	21.5
		1	2	20.65	20.73	20.78	21.5
		1	5	20.67	20.64	20.74	21.5
		3	0	20.56	20.74	20.75	21.5
		3	2	20.64	20.74	20.75	21.5
		3	3	20.66	20.67	20.78	21.5
		6	0	20.6	20.71	20.7	21.5
	16QAM	1	0	20.79	20.97	20.83	21.5
		1	2	20.89	20.65	20.95	21.5
		1	5	20.94	20.79	20.84	21.5
		3	0	20.61	20.68	20.69	21.5
		3	2	20.65	20.64	20.65	21.5
		3	3	20.73	20.68	20.8	21.5
		6	0	20.64	20.64	20.72	21.5
	64QAM	1	0	20.64	20.63	20.45	21.5
		1	2	20.23	20.39	20.23	21.5
		1	5	20.33	20.33	20.21	21.5
		3	0	19.86	19.92	19.9	21.5
		3	2	19.83	19.84	19.86	21.5
		3	3	19.73	19.81	19.82	21.5
		6	0	19.76	19.75	19.84	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	20.29	20.63	20.39	21.5
		1	7	20.69	20.59	20.63	21.5
		1	14	20.4	20.41	20.5	21.5
		8	0	20.55	20.68	20.5	21.5
		8	4	20.63	20.6	20.62	21.5
		8	7	20.58	20.53	20.6	21.5
		15	0	20.56	20.61	20.38	21.5
	16QAM	1	0	20.58	20.95	20.67	21.5
		1	7	20.89	20.83	20.94	21.5
		1	14	20.66	20.66	20.73	21.5
		8	0	20.51	20.66	20.43	21.5
		8	4	20.59	20.58	20.56	21.5
		8	7	20.57	20.49	20.5	21.5
		15	0	20.5	20.55	20.54	21.5
	64QAM	1	0	20.75	20.76	20.58	21.5
		1	7	20.37	20.53	20.35	21.5
		1	14	20.46	20.46	20.35	21.5
		8	0	19.94	20.05	20.14	21.5
		8	4	19.93	19.97	19.98	21.5
		8	7	19.86	19.95	19.95	21.5
		15	0	19.87	19.85	19.97	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	20.42	20.77	20.41	21.5
		1	13	20.57	20.63	20.63	21.5
		1	24	20.1	20.58	20.62	21.5
		12	0	20.66	20.77	20.55	21.5
		12	6	20.65	20.67	20.51	21.5
		12	13	20.51	20.58	20.57	21.5
		25	0	20.57	20.78	20.58	21.5
	16QAM	1	0	20.83	21.01	20.59	21.5
		1	13	20.95	20.81	20.79	21.5
		1	24	20.5	20.79	20.82	21.5
		12	0	20.62	20.71	20.48	21.5
		12	6	20.61	20.64	20.47	21.5
		12	13	20.49	20.54	20.52	21.5
		25	0	20.55	20.73	20.53	21.5
	64QAM	1	0	20.62	20.59	20.41	21.5
		1	13	20.19	20.35	20.2	21.5
		1	24	20.29	20.29	20.19	21.5
		12	0	19.82	19.87	19.86	21.5
		12	6	19.76	19.83	19.82	21.5
		12	13	19.67	19.77	19.78	21.5
		25	0	19.72	19.72	19.83	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.68	20.47	20.24	21.5
		1	25	20.73	21.12	21.11	21.5
		1	49	20.85	20.68	21.01	21.5
		25	0	20.31	20.69	20.27	21.5
		25	13	20.1	20.73	20.39	21.5
		25	25	20.11	20.32	20.5	21.5
		50	0	20.27	20.61	20.48	21.5
	16QAM	1	0	20.59	20.39	20.11	21.5
		1	25	20.78	21.1	20.93	21.5
		1	49	20.66	20.6	21.07	21.5
		25	0	20.14	20.63	20.22	21.5
		25	13	19.92	20.66	20.34	21.5
		25	25	19.93	20.24	20.46	21.5
		50	0	20.1	20.55	20.38	21.5
	64QAM	1	0	20.55	20.54	20.36	21.5
		1	25	20.17	20.32	20.15	21.5
		1	49	20.24	20.25	20.16	21.5
		25	0	19.77	19.82	19.81	21.5
		25	13	19.73	19.75	19.77	21.5
		25	25	19.65	19.73	19.73	21.5
		50	0	19.67	19.66	19.75	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	20.79	**20.83**	20.78	21.5
		1	38	20.44	20.62	20.35	21.5
		1	74	20.44	20.24	20.5	21.5
		36	0	20.4	20.73	20.66	21.5
		36	18	20.24	**20.81**	20.29	21.5
		36	39	20.55	20.57	20.66	21.5
		75	0	20.24	**20.69**	20.5	21.5
	16QAM	1	0	20.71	20.81	20.73	21.5
		1	38	20.4	20.67	20.18	21.5
		1	74	20.46	20.22	20.55	21.5
		36	0	20.28	20.6	20.32	21.5
		36	18	20.12	20.69	20.18	21.5
		36	39	20.42	20.36	20.54	21.5
		75	0	20.12	20.55	20.47	21.5
	64QAM	1	0	20.67	20.66	20.48	21.5
		1	38	20.26	20.42	20.27	21.5
		1	74	20.36	20.36	20.25	21.5
		36	0	19.89	19.94	19.93	21.5
		36	18	19.83	19.87	19.89	21.5
		36	39	19.76	19.84	19.85	21.5
		75	0	19.79	19.78	19.87	21.5

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LTE Band 26 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	19.03	19.26	19.2	20
		1	2	19.16	19.23	19.29	20
		1	5	19.23	19.09	19.28	20
		3	0	19.11	19.25	19.29	20
		3	2	19.19	19.23	19.28	20
		3	3	19.25	19.14	19.35	20
		6	0	19.17	19.19	19.24	20
	16QAM	1	0	19.14	19.51	19.46	20
		1	2	19.31	19.47	19.54	20
		1	5	19.36	19.26	19.5	20
		3	0	19.06	19.34	19.29	20
		3	2	19.14	19.27	19.31	20
		3	3	19.2	18.99	19.39	20
		6	0	19.06	19.2	19.23	20
	64QAM	1	0	19.25	19.31	19.05	20
		1	2	18.82	18.81	18.85	20
		1	5	18.86	18.39	18.99	20
		3	0	18.83	18.84	18.83	20
		3	2	18.88	18.94	18.66	20
		3	3	18.75	18.86	18.81	20
		6	0	18.81	18.78	18.75	20
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.89	19.26	19.15	20
		1	7	19.33	19.26	19.43	20
		1	14	19.05	18.97	19.26	20
		8	0	19.13	19.26	19.18	20
		8	4	19.26	19.19	19.31	20
		8	7	19.27	19.09	19.29	20
		15	0	19.22	19.17	19.27	20
	16QAM	1	0	19.17	19.48	19.28	20
		1	7	19.54	19.54	19.55	20
		1	14	19.35	19.25	19.44	20
		8	0	19.1	19.25	19.16	20
		8	4	19.24	19.17	19.3	20
		8	7	19.19	19.09	19.29	20
		15	0	19.11	19.14	19.27	20
	64QAM	1	0	19.17	19.23	18.97	20
		1	7	18.82	18.85	18.78	20
		1	14	18.73	18.32	18.91	20
		8	0	18.73	18.76	18.79	20
		8	4	18.82	18.86	18.53	20
		8	7	18.67	18.78	18.75	20
		15	0	18.75	18.72	18.74	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	19.1	19.38	18.97	20
		1	13	19.32	19.25	19.23	20
		1	24	18.99	19.19	19.28	20
		12	0	19.29	19.39	19.16	20
		12	6	19.3	19.31	19.17	20
		12	13	19.17	19.19	19.24	20
		25	0	19.2	19.39	19.23	20
	16QAM	1	0	19.28	19.59	19.15	20
		1	13	19.52	19.42	19.44	20
		1	24	19.19	19.36	19.48	20
		12	0	19.24	19.35	19.11	20
		12	6	19.26	19.25	19.13	20
		12	13	19.13	19.14	19.17	20
		25	0	19.12	19.31	19.14	20
	64QAM	1	0	19.13	19.15	18.91	20
		1	13	18.76	18.74	18.68	20
		1	24	18.72	18.25	18.85	20
		12	0	18.65	18.73	18.73	20
		12	6	18.74	18.8	18.52	20
		12	13	18.61	18.72	18.65	20
		25	0	18.63	18.65	18.68	20
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	19.36	19.16	18.58	20
		1	25	19.65	19.97	19.71	20
		1	49	19.44	19.43	19.6	20
		25	0	19.09	19.38	18.78	20
		25	13	18.71	19.4	18.9	20
		25	25	18.49	19.06	19.08	20
		50	0	19.03	19.27	19.13	20
	16QAM	1	0	19.63	19.38	19.14	20
		1	25	19.92	19.98	19.91	20
		1	49	19.72	19.64	19.89	20
		25	0	19.05	19.21	18.82	20
		25	13	18.66	19.24	18.91	20
		25	25	18.65	19.03	19.11	20
		50	0	18.81	19.09	19.13	20
	64QAM	1	0	19.28	19.34	19.08	20
		1	25	18.93	18.91	18.89	20
		1	49	18.89	18.42	19.02	20
		25	0	18.84	18.87	18.93	20
		25	13	18.92	18.95	18.69	20
		25	25	18.78	18.89	18.84	20
		50	0	18.85	18.83	18.85	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	19.42	19.45	19.33	20
		1	38	19.07	19.27	18.77	20
		1	74	19.03	18.86	19.05	20
		36	0	19.21	19.35	19.27	20
		36	18	18.89	19.44	18.84	20
		36	39	19.19	19.2	19.3	20
		75	0	18.89	19.31	19.22	20
	16QAM	1	0	19.68	19.65	19.58	20
		1	38	19.32	19.46	19	20
		1	74	19.32	19.01	19.26	20
		36	0	19.16	19.22	19.09	20
		36	18	18.82	19.3	18.69	20
		36	39	19.1	19.07	19.15	20
		75	0	18.78	19.16	19.05	20
	64QAM	1	0	19.22	19.28	19.02	20
		1	38	18.87	18.85	18.83	20
		1	74	18.83	18.36	18.96	20
		36	0	18.78	18.81	18.84	20
		36	18	18.85	18.91	18.63	20
		36	39	18.72	18.83	18.78	20
		75	0	18.78	18.75	18.79	20

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LTE Band 26 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	20.62	20.84	20.60	21.5
		1	2	20.74	20.69	20.65	21.5
		1	5	20.69	20.70	20.61	21.5
		3	0	20.63	20.72	20.66	21.5
		3	2	20.69	20.68	20.64	21.5
		3	3	20.68	20.62	20.65	21.5
		6	0	20.67	20.67	20.60	21.5
	16QAM	1	0	20.59	20.82	20.84	21.5
		1	2	20.73	20.78	20.89	21.5
		1	5	20.71	20.73	20.86	21.5
		3	0	20.71	20.73	20.78	21.5
		3	2	20.67	20.78	20.72	21.5
		3	3	20.76	20.72	20.70	21.5
		6	0	20.60	20.55	20.58	21.5
	64QAM	1	0	20.18	20.57	20.49	21.5
		1	2	20.32	20.55	20.28	21.5
		1	5	20.49	20.18	20.27	21.5
		3	0	20.33	20.15	20.28	21.5
		3	2	20.26	20.28	20.23	21.5
		3	3	20.18	20.16	20.11	21.5
		6	0	20.2	20.1	20.13	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	20.59	20.78	20.57	21.5
		1	7	20.80	20.64	20.68	21.5
		1	14	20.61	20.47	20.53	21.5
		8	0	20.59	21.01	20.73	21.5
		8	4	20.80	20.63	20.66	21.5
		8	7	20.61	20.72	20.72	21.5
		15	0	20.64	20.71	20.64	21.5
	16QAM	1	0	20.47	21.02	20.74	21.5
		1	7	20.81	20.90	20.88	21.5
		1	14	20.56	20.73	20.73	21.5
		8	0	20.63	20.84	20.63	21.5
		8	4	20.69	20.76	20.60	21.5
		8	7	20.57	20.66	20.68	21.5
		15	0	20.56	20.66	20.59	21.5
	64QAM	1	0	20.28	20.65	20.57	21.5
		1	7	20.43	20.65	20.38	21.5
		1	14	20.59	20.28	20.29	21.5
		8	0	20.41	20.25	20.35	21.5
		8	4	20.36	20.34	20.32	21.5
		8	7	20.28	20.26	20.26	21.5
		15	0	20.31	20.29	20.28	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	20.71	20.91	20.52	21.5
		1	13	20.62	20.70	20.63	21.5
		1	24	20.61	20.60	20.57	21.5
		12	0	20.74	20.85	20.68	21.5
		12	6	20.71	20.71	20.65	21.5
		12	13	20.62	20.60	20.65	21.5
		25	0	20.65	20.78	20.68	21.5
	16QAM	1	0	20.75	20.81	20.72	21.5
		1	13	20.74	20.60	20.84	21.5
		1	24	20.27	20.51	20.74	21.5
		12	0	20.74	20.86	20.59	21.5
		12	6	20.67	20.72	20.57	21.5
		12	13	20.53	20.60	20.56	21.5
		25	0	20.58	20.69	20.63	21.5
	64QAM	1	0	20.19	20.58	20.51	21.5
		1	13	20.31	20.56	20.29	21.5
		1	24	20.52	20.19	20.23	21.5
		12	0	20.31	20.16	20.29	21.5
		12	6	20.27	20.29	20.21	21.5
		12	13	20.19	20.13	20.15	21.5
		25	0	20.21	20.23	20.17	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.61	20.76	20.52	21.5
		1	25	21.41	21.43	21.23	21.5
		1	49	20.97	20.80	20.90	21.5
		25	0	20.23	20.80	20.57	21.5
		25	13	20.52	20.77	20.41	21.5
		25	25	20.50	20.49	20.51	21.5
		50	0	20.21	20.73	20.54	21.5
	16QAM	1	0	20.78	20.78	20.56	21.5
		1	25	21.41	21.48	21.27	21.5
		1	49	21.16	20.85	20.97	21.5
		25	0	20.14	20.86	20.48	21.5
		25	13	20.42	20.84	20.30	21.5
		25	25	20.41	20.47	20.41	21.5
		50	0	20.11	20.65	20.46	21.5
	64QAM	1	0	20.14	20.53	20.45	21.5
		1	25	20.23	20.51	20.27	21.5
		1	49	20.45	20.14	20.15	21.5
		25	0	20.26	20.13	20.27	21.5
		25	13	20.22	20.25	20.15	21.5
		25	25	20.15	20.12	20.12	21.5
		50	0	20.13	20.15	20.16	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	20.38	21.02	20.80	21.5
		1	38	20.61	20.73	20.50	21.5
		1	74	20.76	20.34	20.57	21.5
		36	0	20.43	20.86	20.54	21.5
		36	18	20.33	20.89	20.38	21.5
		36	39	20.71	20.61	20.79	21.5
		75	0	20.40	20.76	20.64	21.5
	16QAM	1	0	21.01	21.01	20.88	21.5
		1	38	20.71	20.73	20.60	21.5
		1	74	20.78	20.37	20.69	21.5
		36	0	20.31	20.75	20.47	21.5
		36	18	20.23	20.79	20.32	21.5
		36	39	20.71	20.51	20.74	21.5
		75	0	20.29	20.67	20.55	21.5
	64QAM	1	0	20.25	20.64	20.56	21.5
		1	38	20.37	20.62	20.35	21.5
		1	74	20.56	20.25	20.26	21.5
		36	0	20.37	20.22	20.35	21.5
		36	18	20.33	20.35	20.27	21.5
		36	39	20.25	20.23	20.23	21.5
		75	0	20.27	20.26	20.25	21.5

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LTE Band 26 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	19.07	19.31	19.26	20
		1	2	19.25	19.25	19.32	20
		1	5	19.21	19.15	19.27	20
		3	0	19.23	19.29	19.40	20
		3	2	19.30	19.23	19.35	20
		3	3	19.30	19.17	19.39	20
		6	0	19.21	19.20	19.40	20
	16QAM	1	0	19.25	19.37	19.37	20
		1	2	19.42	19.20	19.69	20
		1	5	19.39	19.15	19.63	20
		3	0	19.25	19.46	19.57	20
		3	2	19.37	19.32	19.43	20
		3	3	19.33	19.30	19.57	20
		6	0	19.13	19.13	19.31	20
	64QAM	1	0	19.39	19.34	19.27	20
		1	2	19.32	19.22	19.01	20
		1	5	19.18	19.04	19.29	20
		3	0	19.01	19.09	19.09	20
		3	2	19.12	19.19	18.93	20
		3	3	19.02	19.07	19.01	20
		6	0	19.27	19.15	19.27	20
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	19.29	19.40	19.07	20
		1	7	19.43	19.26	19.35	20
		1	14	19.13	19.08	19.19	20
		8	0	19.04	19.32	19.03	20
		8	4	19.34	19.23	19.35	20
		8	7	19.15	19.02	19.20	20
		15	0	19.21	19.19	19.45	20
	16QAM	1	0	18.98	19.33	19.08	20
		1	7	19.40	19.20	19.38	20
		1	14	19.09	19.03	19.17	20
		8	0	19.25	19.32	19.17	20
		8	4	19.28	19.24	19.37	20
		8	7	19.21	19.11	19.36	20
		15	0	19.13	19.12	19.35	20
	64QAM	1	0	19.21	19.21	19.09	20
		1	7	19.14	19.12	18.85	20
		1	14	19.03	18.86	19.11	20
		8	0	18.83	18.91	18.91	20
		8	4	18.92	19.03	18.78	20
		8	7	18.87	18.9	18.83	20
		15	0	19.11	19.03	19.12	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	19.24	19.43	19.10	20
		1	13	19.25	19.22	19.30	20
		1	24	18.92	19.14	19.39	20
		12	0	19.33	19.39	19.28	20
		12	6	19.28	19.27	19.26	20
		12	13	19.11	19.13	19.41	20
		25	0	19.15	19.42	19.28	20
	16QAM	1	0	19.34	19.57	19.06	20
		1	13	19.41	19.34	19.28	20
		1	24	19.06	19.22	19.39	20
		12	0	19.26	19.30	19.23	20
		12	6	19.20	19.19	19.21	20
		12	13	19.05	19.05	19.36	20
		25	0	19.10	19.37	19.18	20
	64QAM	1	0	19.12	19.21	19.08	20
		1	13	19.05	19.05	18.74	20
		1	24	18.91	18.78	19.02	20
		12	0	18.74	18.82	18.82	20
		12	6	18.82	18.92	18.65	20
		12	13	18.75	18.81	18.72	20
		25	0	19.02	18.94	19.01	20

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	19.23	19.34	19.09	20
		1	25	19.60	19.96	19.77	20
		1	49	19.83	19.53	19.61	20
		25	0	18.91	19.41	19.04	20
		25	13	19.19	19.38	18.83	20
		25	25	19.13	19.00	18.98	20
		50	0	18.84	19.24	19.02	20
	16QAM	1	0	19.44	19.32	18.99	20
		1	25	19.54	19.92	19.67	20
		1	49	19.93	19.54	19.51	20
		25	0	18.91	19.34	18.97	20
		25	13	19.20	19.32	18.77	20
		25	25	19.03	18.94	18.92	20
		50	0	18.78	19.18	18.97	20
	64QAM	1	0	19.21	19.26	19.13	20
		1	25	19.18	19.18	18.87	20
		1	49	19.04	18.97	19.16	20
		25	0	18.89	18.95	18.95	20
		25	13	18.96	19.05	18.81	20
		25	25	18.85	18.94	18.83	20
		50	0	19.11	19.07	19.12	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	19.46	19.65	19.37	20
		1	38	19.28	19.24	18.98	20
		1	74	19.34	18.84	19.30	20
		36	0	19.12	19.40	19.15	20
		36	18	18.88	19.43	18.82	20
		36	39	19.38	19.13	19.32	20
		75	0	18.96	19.28	19.25	20
	16QAM	1	0	19.59	19.62	19.48	20
		1	38	19.40	19.20	19.09	20
		1	74	19.27	18.82	19.42	20
		36	0	19.08	19.30	19.04	20
		36	18	19.02	19.36	18.80	20
		36	39	19.24	19.05	19.34	20
		75	0	18.85	19.18	19.14	20
	64QAM	1	0	19.33	19.48	19.21	20
		1	38	19.26	19.26	18.95	20
		1	74	19.12	18.98	19.23	20
		36	0	18.95	19.03	19.03	20
		36	18	19.04	19.13	18.89	20
		36	39	18.96	19.02	18.95	20
		75	0	19.23	19.15	19.26	20

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LTE Band 26 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	15.56	15.48	15.44	17
		1	2	15.49	15.80	15.84	17
		1	5	15.49	15.48	15.44	17
		3	0	15.46	15.48	15.86	17
		3	2	15.57	15.82	15.58	17
		3	3	15.39	15.45	15.83	17
		6	0	15.20	15.71	15.65	17
	16QAM	1	0	15.90	15.76	15.75	17
		1	2	14.59	15.01	15.12	17
		1	5	15.77	15.77	15.66	17
		3	0	15.47	15.47	15.49	17
		3	2	14.09	14.51	14.72	17
		3	3	15.40	14.68	14.74	17
		6	0	15.40	14.68	14.88	17
	64QAM	1	0	14.85	15.04	14.7	17
		1	2	14.66	14.85	14.25	17
		1	5	14.74	14.21	14.71	17
		3	0	14.39	14.58	14.48	17
		3	2	14.13	14.69	14.56	17
		3	3	14.52	14.31	14.6	17
		6	0	14.2	14.56	14.39	17
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	15.47	15.48	15.46	17
		1	7	15.05	15.28	15.16	17
		1	14	15.44	15.45	15.46	17
		8	0	15.44	15.40	15.41	17
		8	4	15.44	15.40	15.40	17
		8	7	15.42	15.45	15.82	17
		15	0	15.41	15.43	15.86	17
	16QAM	1	0	15.77	15.76	15.72	17
		1	7	14.24	14.16	14.13	17
		1	14	15.71	15.72	15.72	17
		8	0	15.48	15.46	15.36	17
		8	4	15.40	15.47	14.85	17
		8	7	15.37	15.39	14.80	17
		15	0	15.39	15.42	14.77	17
	64QAM	1	0	14.94	15.1	14.76	17
		1	7	14.73	14.91	14.34	17
		1	14	14.81	14.29	14.8	17
		8	0	14.48	14.66	14.54	17
		8	4	14.19	14.77	14.06	17
		8	7	14.59	14.4	14.65	17
		15	0	14.26	14.65	14.46	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	15.49	15.47	15.42	17
		1	13	15.48	15.50	15.44	17
		1	24	15.43	15.46	15.45	17
		12	0	15.51	15.48	15.53	17
		12	6	15.45	15.46	15.46	17
		12	13	15.45	15.50	15.49	17
		25	0	15.43	15.48	15.45	17
	16QAM	1	0	15.80	15.71	15.73	17
		1	13	15.75	15.71	15.71	17
		1	24	15.71	15.77	15.70	17
		12	0	15.49	15.49	15.46	17
		12	6	15.42	15.43	15.42	17
		12	13	15.43	15.49	15.48	17
		25	0	15.41	15.41	15.39	17
	64QAM	1	0	15	15.15	14.86	17
		1	13	14.79	14.97	14.43	17
		1	24	14.87	14.38	14.87	17
		12	0	14.53	14.74	14.61	17
		12	6	14.27	14.87	14.13	17
		12	13	14.64	14.49	14.73	17
		25	0	14.32	14.75	14.54	17

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	15.47	15.43	15.44	17
		1	25	15.19	15.53	15.51	17
		1	49	15.45	15.45	15.44	17
		25	0	15.46	15.41	15.49	17
		25	13	15.46	15.48	15.46	17
		25	25	15.45	15.48	15.49	17
		50	0	15.44	15.41	15.47	17
	16QAM	1	0	15.75	15.76	15.78	17
		1	25	14.20	14.26	14.05	17
		1	49	15.73	15.69	15.73	17
		25	0	15.42	15.42	15.42	17
		25	13	15.40	15.41	15.38	17
		25	25	15.39	15.41	15.40	17
		50	0	15.40	15.38	15.45	17
	64QAM	1	0	15.05	15.21	14.91	17
		1	25	14.88	15.07	14.49	17
		1	49	14.93	14.44	14.93	17
		25	0	14.6	14.83	14.67	17
		25	13	14.37	14.97	14.22	17
		25	25	14.71	14.58	14.8	17
		50	0	14.4	14.8	14.63	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.33	15.49	15.34	17
		1	38	15.43	15.28	15.48	17
		1	74	15.39	15.38	15.38	17
		36	0	15.46	15.50	15.51	17
		36	18	15.49	15.53	15.49	17
		36	39	15.44	15.49	15.52	17
		75	0	15.47	15.42	15.42	17
	16QAM	1	0	15.60	15.55	15.58	17
		1	38	15.67	15.75	15.76	17
		1	74	15.58	15.64	15.65	17
		36	0	15.41	15.45	15.45	17
		36	18	15.42	15.45	15.44	17
		36	39	15.42	15.43	15.45	17
		75	0	15.39	15.35	15.40	17
	64QAM	1	0	15.14	15.27	15	17
		1	38	14.94	15.14	14.57	17
		1	74	15.02	14.53	14.99	17
		36	0	14.65	14.92	14.74	17
		36	18	14.42	15.04	14.29	17
		36	39	14.77	14.66	14.88	17
		75	0	14.49	14.89	14.7	17

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LTE Band 26 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	13.65	13.99	13.91	15.5
		1	2	13.78	13.97	14	15.5
		1	5	13.82	13.74	13.82	15.5
		3	0	13.74	14.02	14.03	15.5
		3	2	13.8	13.99	14	15.5
		3	3	13.85	13.86	13.9	15.5
		6	0	13.78	13.93	13.96	15.5
	16QAM	1	0	13.93	13.98	14.14	15.5
		1	2	14.05	14.21	14.25	15.5
		1	5	14.16	13.97	14.08	15.5
		3	0	13.72	13.97	14	15.5
		3	2	13.76	13.97	14	15.5
		3	3	13.83	13.84	13.88	15.5
		6	0	13.76	13.88	13.89	15.5
	64QAM	1	0	14.04	14.55	14.05	15.5
		1	2	13.68	14.3	13.56	15.5
		1	5	14.25	13.91	13.56	15.5
		3	0	13.84	14.13	13.52	15.5
		3	2	13.56	13.98	13.26	15.5
		3	3	13.62	13.91	13.19	15.5
		6	0	13.55	13.97	13.65	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.58	13.98	13.99	15.5
		1	7	13.51	13.91	13.93	15.5
		1	14	13.62	13.62	13.66	15.5
		8	0	13.79	14	13.95	15.5
		8	4	13.86	13.88	13.95	15.5
		8	7	13.78	13.83	13.91	15.5
		15	0	13.77	13.85	13.92	15.5
	16QAM	1	0	13.79	14.2	14.24	15.5
		1	7	13.78	13.57	13.67	15.5
		1	14	13.87	13.84	13.88	15.5
		8	0	13.75	13.95	13.91	15.5
		8	4	13.83	13.85	13.89	15.5
		8	7	13.76	13.8	13.88	15.5
		15	0	13.7	13.77	13.84	15.5
	64QAM	1	0	13.4	13.91	13.92	15.5
		1	7	13.54	12.87	13.42	15.5
		1	14	14.14	13.66	13.44	15.5
		8	0	13.74	14	13.41	15.5
		8	4	13.44	13.87	13.12	15.5
		8	7	13.47	13.8	13.07	15.5
		15	0	13.42	13.85	13.51	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.73	14.23	13.85	15.5
		1	13	13.82	13.91	14	15.5
		1	24	13.55	13.88	13.72	15.5
		12	0	13.88	14.11	14.1	15.5
		12	6	13.83	13.92	14.05	15.5
		12	13	13.65	13.79	13.87	15.5
		25	0	13.74	13.99	14.08	15.5
	16QAM	1	0	14	14.41	14.06	15.5
		1	13	14.14	14.11	14.22	15.5
		1	24	13.82	14.13	13.96	15.5
		12	0	13.83	14.07	14.05	15.5
		12	6	13.79	13.87	14	15.5
		12	13	13.62	13.77	13.83	15.5
		25	0	13.67	13.91	14	15.5
	64QAM	1	0	14.06	14.2	14.09	15.5
		1	13	13.82	14.03	13.71	15.5
		1	24	14.4	14.08	13.71	15.5
		12	0	14	14.28	13.7	15.5
		12	6	13.72	14.17	13.39	15.5
		12	13	13.73	14.07	13.37	15.5
		25	0	13.69	14.13	13.77	15.5

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	14.08	14.27	13.6	15.5
		1	25	14.54	14.61	14.77	15.5
		1	49	14.26	13.8	13.89	15.5
		25	0	13.7	14.21	13.68	15.5
		25	13	13.71	13.95	13.81	15.5
		25	25	13.94	13.72	13.96	15.5
		50	0	13.8	13.95	13.98	15.5
	16QAM	1	0	14.31	14.48	13.9	15.5
		1	25	14.78	14.79	14.97	15.5
		1	49	14.53	14.08	14.17	15.5
		25	0	13.61	14.13	13.6	15.5
		25	13	13.62	13.88	13.74	15.5
		25	25	13.86	13.65	13.9	15.5
		50	0	13.71	13.87	13.9	15.5
	64QAM	1	0	14.05	14.25	14.01	15.5
		1	25	13.88	14.48	13.77	15.5
		1	49	14.19	14.06	13.76	15.5
		25	0	14.05	14.36	13.8	15.5
		25	13	13.78	14.23	13.46	15.5
		25	25	13.81	14.16	13.46	15.5
		50	0	13.78	14.03	13.83	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	14.05	14.52	14.62	15.5
		1	38	14.23	13.88	13.72	15.5
		1	74	14	13.53	13.78	15.5
		36	0	13.83	14.23	13.94	15.5
		36	18	13.98	14.03	13.61	15.5
		36	39	14.2	13.84	14.05	15.5
		75	0	13.83	14.03	13.92	15.5
	16QAM	1	0	14.32	14.83	14.35	15.5
		1	38	14.46	14.15	13.99	15.5
		1	74	14.16	13.82	13.98	15.5
		36	0	13.73	14.13	13.85	15.5
		36	18	13.89	13.94	13.53	15.5
		36	39	14.1	13.75	13.96	15.5
		75	0	13.72	13.91	13.8	15.5
	64QAM	1	0	14.1	14.56	14.03	15.5
		1	38	13.73	14.14	13.64	15.5
		1	74	14.36	13.91	13.62	15.5
		36	0	13.92	14.22	13.7	15.5
		36	18	13.67	14.09	13.32	15.5
		36	39	13.69	14.05	13.33	15.5
		75	0	13.67	14.13	13.7	15.5

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LTE Band 26 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	14.98	14.83	14.76	16.5
		1	2	14.89	14.94	14.83	16.5
		1	5	14.91	14.85	14.91	16.5
		3	0	14.95	15.05	15.01	16.5
		3	2	14.66	14.74	14.83	16.5
		3	3	14.9	14.9	14.8	16.5
		6	0	14.92	14.77	14.96	16.5
	16QAM	1	0	15.22	15.05	14.95	16.5
		1	2	15.18	15.28	15.11	16.5
		1	5	15.19	15.18	15.19	16.5
		3	0	14.94	14.88	14.96	16.5
		3	2	14.86	14.42	14.9	16.5
		3	3	14.83	14.89	14.96	16.5
		6	0	14.84	14.64	14.78	16.5
	64QAM	1	0	14.77	14.81	14.79	16.5
		1	2	14.69	14.93	14.87	16.5
		1	5	14.76	14.76	14.91	16.5
		3	0	14.57	14.72	14.78	16.5
		3	2	14.71	14.83	14.87	16.5
		3	3	14.78	14.81	14.82	16.5
		6	0	14.83	14.78	14.93	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	15.02	14.71	14.7	16.5
		1	7	14.9	14.91	14.88	16.5
		1	14	14.9	14.84	14.9	16.5
		8	0	15	14.96	14.95	16.5
		8	4	14.72	14.71	14.78	16.5
		8	7	14.84	14.88	14.86	16.5
		15	0	14.9	14.72	14.97	16.5
	16QAM	1	0	15.26	14.98	15.02	16.5
		1	7	15.12	15.22	15.11	16.5
		1	14	15.23	15.25	15.2	16.5
		8	0	14.94	14.99	14.91	16.5
		8	4	14.81	14.41	14.84	16.5
		8	7	14.89	14.9	14.87	16.5
		15	0	14.78	14.55	14.8	16.5
	64QAM	1	0	14.66	14.73	14.68	16.5
		1	7	14.58	14.82	14.76	16.5
		1	14	14.65	14.65	14.82	16.5
		8	0	14.46	14.61	14.67	16.5
		8	4	14.63	14.72	14.76	16.5
		8	7	14.67	14.69	14.69	16.5
		15	0	14.72	14.67	14.75	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	15.03	14.83	14.78	16.5
		1	13	14.99	15	14.91	16.5
		1	24	14.96	14.96	14.95	16.5
		12	0	15.06	15.06	15.03	16.5
		12	6	14.76	14.77	14.85	16.5
		12	13	14.95	14.99	14.89	16.5
		25	0	14.94	14.83	15	16.5
	16QAM	1	0	15.29	15.09	15.03	16.5
		1	13	15.23	15.28	15.13	16.5
		1	24	15.27	15.29	15.27	16.5
		12	0	14.99	15	14.98	16.5
		12	6	14.88	14.47	14.94	16.5
		12	13	14.94	14.99	14.98	16.5
		25	0	14.88	14.66	14.82	16.5
	64QAM	1	0	14.79	14.83	14.81	16.5
		1	13	14.73	14.95	14.89	16.5
		1	24	14.78	14.78	14.93	16.5
		12	0	14.59	14.74	14.81	16.5
		12	6	14.73	14.85	14.81	16.5
		12	13	14.82	14.82	14.82	16.5
		25	0	14.85	14.8	14.85	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	14.85	14.93	14.93	16.5
		1	25	14.99	15	15.2	16.5
		1	49	14.9	14.94	14.92	16.5
		25	0	14.98	14.98	14.98	16.5
		25	13	14.97	14.86	15.01	16.5
		25	25	14.95	14.95	14.91	16.5
		50	0	14.97	14.84	14.93	16.5
	16QAM	1	0	15.1	15.1	15.18	16.5
		1	25	13.93	14.1	13.84	16.5
		1	49	15.19	15.18	15.22	16.5
		25	0	14.9	14.89	14.91	16.5
		25	13	14.88	14.61	14.93	16.5
		25	25	14.87	14.88	14.83	16.5
		50	0	14.88	14.75	14.86	16.5
	64QAM	1	0	14.76	14.8	14.78	16.5
		1	25	14.68	14.92	14.86	16.5
		1	49	14.75	14.75	14.9	16.5
		25	0	14.59	14.71	14.75	16.5
		25	13	14.71	14.85	14.83	16.5
		25	25	14.75	14.79	14.79	16.5
		50	0	14.82	14.77	14.89	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	14.8	14.84	14.84	16.5
		1	38	14.94	14.94	14.99	16.5
		1	74	14.85	14.87	14.82	16.5
		36	0	14.93	14.95	15	16.5
		36	18	14.98	14.87	15	16.5
		36	39	15.01	15.02	14.99	16.5
		75	0	14.95	14.86	14.97	16.5
	16QAM	1	0	15.1	15.11	15.09	16.5
		1	38	15.16	15.2	15.04	16.5
		1	74	14.96	15.13	15.08	16.5
		36	0	14.91	14.9	14.94	16.5
		36	18	14.71	14.81	14.92	16.5
		36	39	14.98	14.96	14.93	16.5
		75	0	14.91	14.8	14.78	16.5
	64QAM	1	0	14.73	14.77	14.75	16.5
		1	38	14.65	14.89	14.83	16.5
		1	74	14.72	14.72	14.87	16.5
		36	0	14.53	14.68	14.74	16.5
		36	18	14.67	14.79	14.83	16.5
		36	39	14.74	14.76	14.76	16.5
		75	0	14.79	14.74	14.86	16.5

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LTE Band 26 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	13.26	13.34	13.25	15
		1	2	13.42	13.32	13.32	15
		1	5	13.45	13.06	13.14	15
		3	0	13.36	13.35	13.36	15
		3	2	13.42	13.31	13.33	15
		3	3	13.46	13.18	13.23	15
		6	0	13.4	13.25	13.29	15
	16QAM	1	0	13.55	13.64	13.47	15
		1	2	13.7	13.57	13.54	15
		1	5	13.69	13.37	13.37	15
		3	0	13.35	13.37	13.42	15
		3	2	13.44	13.33	13.37	15
		3	3	13.45	13.18	13.3	15
		6	0	13.39	13.24	13.29	15
	64QAM	1	0	13.46	13.77	13.18	15
		1	2	13.28	13.16	13.17	15
		1	5	13.29	13.11	13.13	15
		3	0	13.25	13.43	13.17	15
		3	2	13.38	13.28	13.1	15
		3	3	13.56	13.12	13.22	15
		6	0	13.19	13.25	13.17	15
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.16	13.32	13.33	15
		1	7	12.42	12.3	12.35	15
		1	14	13.2	12.94	12.97	15
		8	0	13.39	13.31	13.26	15
		8	4	13.45	13.18	13.26	15
		8	7	13.37	13.14	13.22	15
		15	0	13.36	13.15	13.24	15
	16QAM	1	0	13.45	13.55	13.59	15
		1	7	12.71	12.51	12.61	15
		1	14	13.49	13.17	13.18	15
		8	0	13.36	13.25	13.24	15
		8	4	13.39	13.15	13.24	15
		8	7	13.32	13.08	13.18	15
		15	0	13.29	13.07	13.16	15
	64QAM	1	0	13.6	13.91	13.32	15
		1	7	13.42	13.37	13.34	15
		1	14	13.43	13.16	13.26	15
		8	0	13.35	13.57	13.35	15
		8	4	13.52	13.42	13.23	15
		8	7	13.71	13.22	13.36	15
		15	0	13.33	13.39	13.31	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.45	13.65	13.4	15
		1	13	13.52	13.32	13.43	15
		1	24	13.26	13.31	13.27	15
		12	0	13.59	13.54	13.55	15
		12	6	13.54	13.36	13.5	15
		12	13	13.36	13.23	13.31	15
		25	0	13.45	13.43	13.53	15
	16QAM	1	0	13.75	13.86	13.6	15
		1	13	13.85	13.61	13.72	15
		1	24	13.58	13.52	13.57	15
		12	0	13.53	13.48	13.49	15
		12	6	13.47	13.28	13.42	15
		12	13	13.3	13.17	13.26	15
		25	0	13.35	13.34	13.43	15
	64QAM	1	0	13.51	13.82	13.23	15
		1	13	13.33	13.21	13.22	15
		1	24	13.31	13.07	13.15	15
		12	0	13.26	13.48	13.22	15
		12	6	13.43	13.33	13.14	15
		12	13	13.53	13.13	13.27	15
		25	0	13.24	13.31	13.24	15

Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.74	13.71	13.15	15
		1	25	14.07	14.26	14.31	15
		1	49	13.96	13.36	13.43	15
		25	0	13.35	13.65	13.24	15
		25	13	13.37	13.39	13.39	15
		25	25	13.48	13.16	13.41	15
		50	0	13.35	13.4	13.44	15
	16QAM	1	0	14.02	14.02	13.37	15
		1	25	14.29	14.51	14.53	15
		1	49	14.24	13.69	13.67	15
		25	0	13.28	13.57	13.15	15
		25	13	13.29	13.32	13.29	15
		25	25	13.41	13.07	13.33	15
		50	0	13.28	13.32	13.36	15
	64QAM	1	0	13.61	13.92	13.33	15
		1	25	13.43	13.32	13.32	15
		1	49	13.44	13.17	13.27	15
		25	0	13.36	13.53	13.35	15
		25	13	13.53	13.43	13.24	15
		25	25	13.73	13.23	13.37	15
		50	0	13.34	13.4	13.34	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.53	14.06	13.46	15
		1	38	13.78	13.21	13.25	15
		1	74	13.45	13	13.26	15
		36	0	13.48	13.6	13.32	15
		36	18	13.54	13.4	13.12	15
		36	39	13.78	13.21	13.45	15
		75	0	13.33	13.41	13.31	15
	16QAM	1	0	13.86	14.37	13.72	15
		1	38	14.01	13.49	13.47	15
		1	74	13.69	13.25	13.55	15
		36	0	13.34	13.55	13.24	15
		36	18	13.39	13.34	13.04	15
		36	39	13.63	13.16	13.37	15
		75	0	13.23	13.33	13.22	15
	64QAM	1	0	13.56	13.87	13.28	15
		1	38	13.38	13.26	13.27	15
		1	74	13.39	13.12	13.22	15
		36	0	13.31	13.53	13.27	15
		36	18	13.48	13.38	13.19	15
		36	39	13.66	13.18	13.32	15
		75	0	13.29	13.35	13.29	15

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LTE Band 38 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	22.65	24.48	22.97	24.5
		1	13	22.73	24.39	22.8	24.5
		1	24	22.69	24.22	22.49	24.5
		12	0	21.79	22.15	22.13	23.5
		12	6	21.8	21.54	21.93	23.5
		12	13	21.78	23.36	21.69	23.5
		25	0	21.73	23.36	22.04	23.5
	16QAM	1	0	21.66	21.86	21.85	23.5
		1	13	21.84	23.33	22.09	23.5
		1	24	21.83	23.39	21.79	23.5
		12	0	20.67	22.43	21.06	22.5
		12	6	20.69	22.42	20.89	22.5
		12	13	20.66	22.23	20.64	22.5
		25	0	20.67	22.29	20.98	22.5
	64QAM	1	0	21.22	21.34	21.26	23
		1	13	20.46	20.81	20.2	23
		1	24	21.4	21.23	21.32	23
		12	0	20.33	20.4	20.31	22
		12	6	20.35	20.36	20.26	22
		12	13	20.35	20.34	20.21	22
		25	0	20.3	20.35	20.3	22
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	22.71	24.3	23.4	24.5
		1	25	22.98	24.32	22.87	24.5
		1	49	22.73	23.84	22.28	24.5
		25	0	21.48	23.2	22.13	23.5
		25	13	22	23.35	22.07	23.5
		25	25	22.02	23.25	21.83	23.5
		50	0	21.97	23.3	21.96	23.5
	16QAM	1	0	21.74	23.21	22.52	23.5
		1	25	21.85	23.49	22.01	23.5
		1	49	21.94	22.88	21.56	23.5
		25	0	20.84	22.38	21.24	22.5
		25	13	20.43	22.24	20.96	22.5
		25	25	20.89	22.14	20.81	22.5
		50	0	20.82	22.17	21.09	22.5
	64QAM	1	0	21.23	21.36	21.25	23
		1	25	20.47	20.79	20.21	23
		1	49	21.41	21.22	21.28	23
		25	0	20.33	20.39	20.3	22
		25	13	20.33	20.34	20.3	22
		25	25	20.33	20.31	20.23	22
		50	0	20.32	20.39	20.3	22

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	22.59	24.13	23.8	24.5
		1	38	23.12	24.35	23.08	24.5
		1	74	23.38	23.79	22.41	24.5
		36	0	21.81	23.39	22.43	23.5
		36	18	22.18	23.46	22.12	23.5
		36	39	22.39	23.23	22.01	23.5
		75	0	22.17	23.32	22.39	23.5
	16QAM	1	0	21.46	23.31	22.97	23.5
		1	38	22.35	23.12	22.2	23.5
		1	74	22.66	22.9	21.64	23.5
		36	0	20.68	22.25	21.57	22.5
		36	18	21.02	22.31	21.27	22.5
		36	39	21.02	22.02	20.97	22.5
		75	0	20.81	22.13	21.37	22.5
	64QAM	1	0	21.23	21.37	21.26	23
		1	38	20.47	20.82	20.2	23
		1	74	21.4	21.23	21.29	23
		36	0	20.32	20.39	20.33	22
		36	18	20.32	20.35	20.29	22
		36	39	20.34	20.31	20.19	22
		75	0	20.3	20.36	20.29	22

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	22.36	23.6	23.88	24.5
		1	50	23.16	24.1	23.13	24.5
		1	99	23.67	23.38	22.32	24.5
		50	0	21.98	23.15	22.64	23.5
		50	25	22.22	23.13	22.11	23.5
		50	50	22.48	22.92	22.03	23.5
		100	0	22.3	23.08	22.37	23.5
	16QAM	1	0	21.56	22.88	23.15	23.5
		1	50	22.25	23.25	22.23	23.5
		1	99	22.91	22.74	21.59	23.5
		50	0	20.89	22.03	21.5	22.5
		50	25	21.09	21.97	21.2	22.5
		50	50	21.34	22	20.91	22.5
		100	0	21.16	21.91	21.45	22.5
	64QAM	1	0	21.28	21.4	21.31	23
		1	50	20.49	20.84	20.25	23
		1	99	21.44	21.26	21.34	23
		50	0	20.37	20.45	20.35	22
		50	25	20.38	20.39	20.32	22
		50	50	20.37	20.37	20.25	22
		100	0	20.34	20.41	20.34	22

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LTE Band 38 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	20.3	20.39	20.29	21.5
		1	13	20.18	20.3	20.04	21.5
		1	24	20.33	20.43	20.35	21.5
		12	0	20.18	20.21	20.27	21.5
		12	6	20.17	20.16	20.14	21.5
		12	13	20.35	20.29	20.28	21.5
		25	0	20.22	20.19	20.19	21.5
	16QAM	1	0	20.25	20.24	20.09	21.5
		1	13	20.46	19.93	20.37	21.5
		1	24	20.48	20.44	20.36	21.5
		12	0	20.34	20.14	20.34	21.5
		12	6	20.12	20.25	20.14	21.5
		12	13	20.23	20.21	20.23	21.5
		25	0	20.1	20.1	20.23	21.5
	64QAM	1	0	20.33	20.21	20.45	21.5
		1	13	20.06	20.06	20.05	21.5
		1	24	20.27	20.29	20.24	21.5
		12	0	20.34	20.35	20.39	21.5
		12	6	20.29	20.38	20.28	21.5
		12	13	20.29	20.32	20.26	21.5
		25	0	20.25	20.34	20.30	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	20.24	20.36	20.28	21.5
		1	25	20.07	20.31	20.04	21.5
		1	49	20.43	20.52	20.31	21.5
		25	0	20.1	20.26	20.29	21.5
		25	13	20.14	20.21	20.23	21.5
		25	25	20.23	20.32	20.32	21.5
		50	0	20.19	20.19	20.27	21.5
	16QAM	1	0	20.27	20.32	20.07	21.5
		1	25	20.45	19.96	20.38	21.5
		1	49	20.53	20.36	20.36	21.5
		25	0	20.27	20.19	20.3	21.5
		25	13	20.16	20.2	20.22	21.5
		25	25	20.23	20.24	20.31	21.5
		50	0	20.05	20.16	20.21	21.5
	64QAM	1	0	20.25	20.19	20.42	21.5
		1	25	20.04	20.02	20.07	21.5
		1	49	20.23	20.21	20.22	21.5
		25	0	20.29	20.36	20.35	21.5
		25	13	20.3	20.35	20.23	21.5
		25	25	20.29	20.31	20.23	21.5
		50	0	20.27	20.32	20.27	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	20.32	20.42	20.35	21.5
		1	38	20.09	20.31	19.99	21.5
		1	74	20.37	20.52	20.37	21.5
		36	0	20.1	20.31	20.28	21.5
		36	18	20.22	20.26	20.15	21.5
		36	39	20.35	20.28	20.25	21.5
		75	0	20.18	20.22	20.27	21.5
	16QAM	1	0	20.29	20.3	20.07	21.5
		1	38	20.48	19.97	20.42	21.5
		1	74	20.43	20.38	20.26	21.5
		36	0	20.35	20.11	20.28	21.5
		36	18	20.06	20.19	20.14	21.5
		36	39	20.24	20.22	20.27	21.5
		75	0	20.05	20.13	20.28	21.5
	64QAM	1	0	20.29	20.23	20.44	21.5
		1	38	20.07	20.06	20.09	21.5
		1	74	20.26	20.25	20.25	21.5
		36	0	20.33	20.39	20.37	21.5
		36	18	20.33	20.37	20.27	21.5
		36	39	20.31	20.33	20.26	21.5
		75	0	20.29	20.34	20.3	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	20.33	20.44	20.43	21.5
		1	50	20.22	20.33	20.14	21.5
		1	99	20.46	20.58	20.44	21.5
		50	0	20.20	20.31	20.37	21.5
		50	25	20.22	20.28	20.28	21.5
		50	50	20.37	20.35	20.35	21.5
		100	0	20.29	20.29	20.32	21.5
	16QAM	1	0	20.34	20.39	20.22	21.5
		1	50	20.58	20.07	20.44	21.5
		1	99	20.53	20.50	20.39	21.5
		50	0	20.36	20.23	20.39	21.5
		50	25	20.20	20.28	20.27	21.5
		50	50	20.34	20.27	20.34	21.5
		100	0	20.20	20.24	20.30	21.5
	64QAM	1	0	20.35	20.25	20.5	21.5
		1	50	20.11	20.11	20.11	21.5
		1	99	20.29	20.31	20.27	21.5
		50	0	20.38	20.41	20.43	21.5
		50	25	20.35	20.41	20.3	21.5
		50	50	20.35	20.35	20.31	21.5
		100	0	20.31	20.4	20.33	21.5

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LTE Band 38 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	14.63	15.94	14.09	16
		1	13	14.61	15.88	14.02	16
		1	24	14.63	15.68	13.77	16
		12	0	14.62	15.89	14.18	16
		12	6	14.59	15.98	13.8	16
		12	13	14.67	15.76	13.8	16
		25	0	14.7	15.82	14.1	16
	16QAM	1	0	14.73	15.92	14.09	16
		1	13	14.72	15.88	14	16
		1	24	14.77	15.71	13.8	16
		12	0	14.47	15.89	14.05	16
		12	6	14.46	15.84	13.89	16
		12	13	14.53	15.61	13.67	16
		25	0	14.6	15.69	13.97	16
	64QAM	1	0	15.11	15.33	15.47	16
		1	13	14.99	15.20	14.96	16
		1	24	15.11	14.78	14.39	16
		12	0	14.94	15.63	14.89	16
		12	6	15.12	15.26	14.44	16
		12	13	15.10	15.19	14.31	16
		25	0	15.12	15.31	14.55	16
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	14.84	15.99	14.61	16
		1	25	14.95	15.97	14.07	16
		1	49	14.9	15.38	13.7	16
		25	0	14.9	15.87	14.34	16
		25	13	14.97	15.85	14.24	16
		25	25	14.91	15.68	14.03	16
		50	0	14.84	15.83	14.25	16
	16QAM	1	0	14.58	15.9	14.43	16
		1	25	14.86	15.78	13.9	16
		1	49	14.81	15.26	13.52	16
		25	0	14.83	15.91	14.19	16
		25	13	14.9	15.77	14.09	16
		25	25	14.85	15.6	13.88	16
		50	0	14.75	15.74	14.03	16
	64QAM	1	0	15.07	15.31	15.44	16
		1	25	15.01	15.19	14.96	16
		1	49	15.11	14.82	14.42	16
		25	0	14.91	15.63	14.9	16
		25	13	15.13	15.27	14.43	16
		25	25	15.14	15.19	14.31	16
		50	0	15.12	15.31	14.54	16

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	14.82	15.98	15.18	16
		1	38	14.85	15.84	14.13	16
		1	74	15.52	15.13	13.79	16
		36	0	14.97	15.97	14.74	16
		36	18	14.93	15.96	14.2	16
		36	39	15.37	15.6	14.07	16
		75	0	14.96	15.82	14.46	16
	16QAM	1	0	14.83	15.93	15.11	16
		1	38	15.03	15.82	14.07	16
		1	74	15.47	15.10	13.75	16
		36	0	14.88	15.06	14.62	16
		36	18	15.12	15.91	14.08	16
		36	39	15.3	15.57	13.95	16
		75	0	15.1	15.77	14.31	16
	64QAM	1	0	15.11	15.32	15.44	16
		1	38	15.01	15.19	14.95	16
		1	74	15.08	14.78	14.51	16
		36	0	14.92	15.66	14.91	16
		36	18	15.14	15.26	14.26	16
		36	39	15.13	15.16	14.02	16
		75	0	15.11	15.31	14.52	16

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	15.58	15.48	15.39	16
		1	50	14.95	15.40	14.13	16
		1	99	15.47	14.76	14.87	16
		50	0	14.79	15.64	14.80	16
		50	25	14.99	15.38	14.11	16
		50	50	15.24	15.23	14.02	16
		100	0	14.96	15.43	14.54	16
	16QAM	1	0	14.34	15.60	15.33	16
		1	50	14.93	15.52	14.08	16
		1	99	15.37	14.88	14.73	16
		50	0	14.74	15.54	14.71	16
		50	25	14.86	15.28	14.02	16
		50	50	15.11	15.13	14.03	16
		100	0	14.85	15.32	14.43	16
	64QAM	1	0	15.14	15.37	15.50	16
		1	50	15.06	15.25	14.99	16
		1	99	15.15	14.85	14.45	16
		50	0	14.98	15.69	14.94	16
		50	25	15.19	15.32	14.49	16
		50	50	15.17	15.22	14.35	16
		100	0	15.18	15.37	14.58	16

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LTE Band 38 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	20.36	21.94	20.58	22
		1	13	20.4	21.97	20.58	22
		1	24	20.32	21.87	20.28	22
		12	0	20.38	21.98	20.76	22
		12	6	20.45	21.97	20.58	22
		12	13	20.42	21.84	20.33	22
		25	0	20.16	21.88	20.63	22
	16QAM	1	0	20.5	21.96	20.6	22
		1	13	20.56	21.97	20.63	22
		1	24	20.5	21.87	20.35	22
		12	0	20.3	21.82	20.63	22
		12	6	20.3	21.83	20.45	22
		12	13	20.28	21.89	20.21	22
		25	0	20.28	21.93	20.54	22
	64QAM	1	0	20.45	20.52	20.39	22
		1	13	20.48	20.71	20.04	22
		1	24	20.54	20.44	20.34	22
		12	0	20.28	20.36	20.3	22
		12	6	20.27	20.32	20.26	22
		12	13	20.25	20.24	20.22	22
		25	0	20.27	20.28	20.25	22
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	20.44	21.91	21.01	22
		1	25	20.68	21.98	20.08	22
		1	49	20.58	21.67	19.51	22
		25	0	20.48	21.98	20.85	22
		25	13	20.52	21.94	20.81	22
		25	25	20.51	21.99	20.14	22
		50	0	19.8	21.97	20.88	22
	16QAM	1	0	20.28	21.89	21.07	22
		1	25	20.72	21.94	20.66	22
		1	49	20.6	21.85	20.27	22
		25	0	20.39	21.87	20.76	22
		25	13	20.43	21.98	20.72	22
		25	25	20.42	21.89	20.5	22
		50	0	20.49	21.92	20.78	22
	64QAM	1	0	20.43	20.5	20.41	22
		1	25	20.83	20.73	20.03	22
		1	49	20.51	20.44	20.33	22
		25	0	20.29	20.37	20.3	22
		25	13	20.29	20.32	20.25	22
		25	25	20.28	20.25	20.21	22
		50	0	20.27	20.29	20.24	22

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	20.43	21.99	21.62	22
		1	38	20.82	21.98	20.61	22
		1	74	21.25	21.57	20.12	22
		36	0	20.63	21.98	21.27	22
		36	18	20.5	21.95	20.81	22
		36	39	20.72	21.98	20.72	22
		75	0	20.55	21.92	21.13	22
	16QAM	1	0	20.36	21.94	21.73	22
		1	38	20.41	21.97	20.9	22
		1	74	21.36	21.84	20.42	22
		36	0	20.52	21.91	21.15	22
		36	18	20.44	21.94	20.46	22
		36	39	20.75	21.86	20.38	22
		75	0	20.55	21.93	21.02	22
	64QAM	1	0	20.44	20.51	20.4	22
		1	38	20.8	20.74	20.01	22
		1	74	20.5	20.41	20.33	22
		36	0	20.31	20.35	20.3	22
		36	18	20.28	20.33	20.25	22
		36	39	20.28	20.27	20.22	22
		75	0	20.3	20.32	20.25	22
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	20.14	21.5	21.72	22
		1	50	20.72	21.81	20.64	22
		1	99	21.01	21.18	20.25	22
		50	0	20.53	21.81	21.38	22
		50	25	20.82	21.75	20.61	22
		50	50	21.1	21.74	20.67	22
		100	0	20.93	21.74	21.04	22
	16QAM	1	0	20.14	21.44	21.92	22
		1	50	20.85	21.98	20.9	22
		1	99	21.52	21.4	20.11	22
		50	0	20.49	21.74	21.22	22
		50	25	20.68	21.73	20.66	22
		50	50	21.07	21.62	20.56	22
		100	0	20.75	21.71	20.91	22
	64QAM	1	0	20.53	20.6	20.48	22
		1	50	20.9	20.8	20.1	22
		1	99	20.6	20.5	20.41	22
		50	0	20.37	20.43	20.37	22
		50	25	20.36	20.42	20.34	22
		50	50	20.35	20.33	20.28	22
		100	0	20.36	20.38	20.34	22

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LTE Band 38 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	18.69	20.49	18.91	20.5
		1	13	18.81	20.3	18.86	20.5
		1	24	18.72	20.15	18.64	20.5
		12	0	18.77	20.45	19.05	20.5
		12	6	18.91	20.44	18.87	20.5
		12	13	18.89	20.19	18.63	20.5
		25	0	18.85	20.37	18.99	20.5
	16QAM	1	0	18.69	20.39	18.99	20.5
		1	13	18.79	20.21	18.85	20.5
		1	24	18.68	20.09	18.61	20.5
		12	0	18.77	20.33	18.89	20.5
		12	6	18.78	20.48	18.7	20.5
		12	13	18.76	20.23	18.47	20.5
		25	0	18.74	20.27	18.87	20.5
	64QAM	1	0	18.76	18.64	18.77	20.5
		1	13	18.26	18.06	17.99	20.5
		1	24	18.72	18.55	18.64	20.5
		12	0	18.81	18.85	18.81	20.5
		12	6	18.77	18.83	18.79	20.5
		12	13	18.81	18.77	18.73	20.5
		25	0	18.78	18.84	18.72	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.87	20.43	19.4	20.5
		1	25	19.07	20.4	18.97	20.5
		1	49	18.97	19.85	18.57	20.5
		25	0	18.94	20.48	18.97	20.5
		25	13	18.99	20.28	19.02	20.5
		25	25	18.99	20.19	18.97	20.5
		50	0	18.96	20.01	19.2	20.5
	16QAM	1	0	18.82	20.34	19.4	20.5
		1	25	18.87	20.38	18.83	20.5
		1	49	18.71	19.87	18.49	20.5
		25	0	18.17	20.42	19.12	20.5
		25	13	18.91	20.24	18.94	20.5
		25	25	18.89	20.12	18.9	20.5
		50	0	18.86	20.17	19.14	20.5
	64QAM	1	0	18.83	18.93	18.64	20.5
		1	25	18.9	18.78	18.73	20.5
		1	49	18.86	18.62	18.41	20.5
		25	0	18.79	18.86	18.8	20.5
		25	13	18.74	18.87	18.75	20.5
		25	25	18.78	18.71	18.77	20.5
		50	0	18.79	18.4	18.76	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	18.34	20.32	19.96	20.5
		1	38	19.04	20.4	19.04	20.5
		1	74	19.36	19.9	18.71	20.5
		36	0	19.11	20.48	19.54	20.5
		36	18	18.97	20.47	19.19	20.5
		36	39	19.18	20.17	19.07	20.5
		75	0	19.22	20.3	19.39	20.5
	16QAM	1	0	18.81	20.37	20.05	20.5
		1	38	19.25	20.4	19.09	20.5
		1	74	19.67	19.9	18.8	20.5
		36	0	18.99	20.38	19.43	20.5
		36	18	19.08	20.42	19.08	20.5
		36	39	19.29	20.06	18.97	20.5
		75	0	19.11	20.2	19.3	20.5
	64QAM	1	0	18.9	19.01	18.69	20.5
		1	38	18.96	18.86	18.77	20.5
		1	74	18.9	18.69	18.48	20.5
		36	0	18.85	18.93	18.85	20.5
		36	18	18.82	18.91	18.79	20.5
		36	39	18.83	18.77	18.81	20.5
		75	0	18.85	18.48	18.81	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	18.66	19.74	20.06	20.5
		1	50	19.25	20.07	19.1	20.5
		1	99	19.9	19.53	18.57	20.5
		50	0	19.09	20.15	19.46	20.5
		50	25	19.25	20.03	19.09	20.5
		50	50	19.31	19.9	19.01	20.5
		100	0	19.37	20.02	19.39	20.5
	16QAM	1	0	18.51	19.7	20.1	20.5
		1	50	18.98	19.95	19.23	20.5
		1	99	19.48	19.44	18.72	20.5
		50	0	18.96	19.93	19.61	20.5
		50	25	19.13	19.8	19.04	20.5
		50	50	19.43	19.75	18.96	20.5
		100	0	19.25	19.81	19.34	20.5
	64QAM	1	0	18.83	18.68	18.82	20.5
		1	50	18.33	18.11	18.03	20.5
		1	99	18.75	18.62	18.69	20.5
		50	0	18.84	18.88	18.84	20.5
		50	25	18.81	18.86	18.82	20.5
		50	50	18.84	18.83	18.76	20.5
		100	0	18.85	18.88	18.77	20.5

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LTE Band 38 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	19.9	20.02	19.91	22
		1	13	19.45	19.51	19.55	22
		1	24	19.95	19.9	19.96	22
		12	0	20.05	19.93	19.96	22
		12	6	19.82	19.88	19.91	22
		12	13	19.94	19.9	19.94	22
		25	0	19.99	19.93	19.95	22
	16QAM	1	0	20.03	19.91	20.08	22
		1	13	19.83	19.67	19.53	22
		1	24	20.1	19.96	20.01	22
		12	0	19.84	19.87	19.95	22
		12	6	19.81	19.9	19.85	22
		12	13	19.79	19.9	19.85	22
		25	0	19.93	19.89	19.91	22
	64QAM	1	0	20.01	20.05	20.37	22
		1	13	19.58	19.4	20.13	22
		1	24	20.01	19.94	20.15	22
		12	0	20.3	20.38	20.35	22
		12	6	20.28	20.15	20.27	22
		12	13	20.27	20.33	20.19	22
		25	0	20.25	20.28	20.23	22
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	19.93	19.89	19.88	22
		1	25	19.37	19.52	19.55	22
		1	49	20.04	19.94	19.86	22
		25	0	19.91	20	19.97	22
		25	13	19.93	19.89	20.02	22
		25	25	19.97	19.97	19.89	22
		50	0	20	19.97	19.88	22
	16QAM	1	0	20.15	19.8	20.18	22
		1	25	19.85	19.75	19.61	22
		1	49	20.01	19.98	20.03	22
		25	0	19.85	19.82	19.92	22
		25	13	19.9	19.89	19.97	22
		25	25	19.88	19.8	19.79	22
		50	0	19.79	19.81	19.84	22
	64QAM	1	0	20.02	20.06	20.4	22
		1	25	19.6	19.4	20.15	22
		1	49	19.98	19.91	20.16	22
		25	0	20.32	20.41	20.35	22
		25	13	20.27	20.15	20.24	22
		25	25	20.29	20.31	20.17	22
		50	0	20.27	20.3	20.24	22

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	19.89	20.02	19.86	22
		1	38	19.38	19.54	19.53	22
		1	74	20.02	19.96	19.94	22
		36	0	20	19.94	19.97	22
		36	18	19.97	19.94	19.91	22
		36	39	19.91	19.88	19.91	22
		75	0	19.94	19.9	19.97	22
	16QAM	1	0	20.15	19.82	20.13	22
		1	38	19.9	19.65	19.54	22
		1	74	20.01	19.91	20.08	22
		36	0	19.94	19.8	19.87	22
		36	18	19.91	19.86	19.91	22
		36	39	19.81	19.87	19.89	22
		75	0	19.89	19.87	19.82	22
	64QAM	1	0	20.02	20.05	20.37	22
		1	38	19.58	19.4	20.14	22
		1	74	19.98	19.93	20.18	22
		36	0	20.31	20.39	20.32	22
		36	18	20.26	20.18	20.26	22
		36	39	20.3	20.34	20.19	22
		75	0	20.26	20.27	20.23	22

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	20.01	20.03	20.01	22
		1	50	19.5	19.56	19.57	22
		1	99	20.06	20.01	20	22
		50	0	20.05	20	20.04	22
		50	25	19.97	20.02	20.04	22
		50	50	19.99	20	19.97	22
		100	0	20.02	20.04	20.03	22
	16QAM	1	0	20.18	19.93	20.19	22
		1	50	19.95	19.79	19.66	22
		1	99	20.15	20.02	20.15	22
		50	0	19.97	19.92	19.97	22
		50	25	19.92	19.94	19.98	22
		50	50	19.93	19.93	19.91	22
		100	0	19.94	19.92	19.97	22
	64QAM	1	0	20.05	20.11	20.43	22
		1	50	19.63	19.43	20.19	22
		1	99	20.04	19.97	20.21	22
		50	0	20.36	20.44	20.38	22
		50	25	20.32	20.21	20.3	22
		50	50	20.33	20.37	20.23	22
		100	0	20.31	20.33	20.29	22

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LTE Band 38 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	18.56	20.39	19.2	20.5
		1	13	18.64	20.48	19.12	20.5
		1	24	18.95	20.15	19.09	20.5
		12	0	18.89	20.45	19.42	20.5
		12	6	18.91	20.46	19.25	20.5
		12	13	18.9	20.41	19.04	20.5
		25	0	18.86	20.42	19.38	20.5
	16QAM	1	0	18.6	20.32	19.31	20.5
		1	13	18.67	20.46	19.19	20.5
		1	24	18.62	20.29	19.02	20.5
		12	0	18.83	20.37	19.35	20.5
		12	6	18.83	20.43	19.18	20.5
		12	13	18.83	20.49	18.98	20.5
		25	0	18.77	20.45	19.3	20.5
	64QAM	1	0	18.91	18.71	18.72	20.5
		1	13	18.1	18.07	18.07	20.5
		1	24	18.71	18.59	18.41	20.5
		12	0	18.78	18.84	18.83	20.5
		12	6	18.75	18.81	18.75	20.5
		12	13	18.76	18.77	18.69	20.5
		25	0	18.75	18.81	18.76	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.67	20.04	19.69	20.5
		1	25	18.97	20.49	19.21	20.5
		1	49	19.12	19.43	18.95	20.5
		25	0	19.04	20.44	19.42	20.5
		25	13	19.08	20.44	19.26	20.5
		25	25	19.08	20.34	19.26	20.5
		50	0	19.03	20.36	19.45	20.5
	16QAM	1	0	18.68	20.25	19.65	20.5
		1	25	19.15	20.47	19.2	20.5
		1	49	19.09	19.39	18.94	20.5
		25	0	18.96	20.37	19.31	20.5
		25	13	19	20.4	19.17	20.5
		25	25	18.99	20.21	19.14	20.5
		50	0	18.93	20.23	19.34	20.5
	64QAM	1	0	18.92	18.71	18.73	20.5
		1	25	18.1	18.08	18.04	20.5
		1	49	18.73	18.6	18.42	20.5
		25	0	18.78	18.84	18.81	20.5
		25	13	18.73	18.81	18.77	20.5
		25	25	18.76	18.74	18.7	20.5
		50	0	18.76	18.8	18.73	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	19.1	20.37	20.2	20.5
		1	38	19.3	20.48	19.29	20.5
		1	74	19.65	19.6	19.06	20.5
		36	0	19.22	20.25	19.69	20.5
		36	18	19.3	20.34	19.33	20.5
		36	39	19.64	19.89	19.36	20.5
		75	0	19.46	20.21	19.63	20.5
	16QAM	1	0	19.06	20.47	20.22	20.5
		1	38	19.32	20.47	19.32	20.5
		1	74	19.82	19.35	19.09	20.5
		36	0	19.16	20.13	19.56	20.5
		36	18	19.22	20.49	19.21	20.5
		36	39	19.57	19.47	19.16	20.5
		75	0	19.4	20.1	19.45	20.5
	64QAM	1	0	18.91	18.7	18.73	20.5
		1	38	18.12	18.1	18.05	20.5
		1	74	18.73	18.61	18.43	20.5
		36	0	18.81	18.83	18.83	20.5
		36	18	18.73	18.82	18.75	20.5
		36	39	18.75	18.74	18.69	20.5
		75	0	18.78	18.79	18.75	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	18.87	20.02	19.89	20.5
		1	50	18.91	20.4	18.87	20.5
		1	99	19.63	19.89	18.94	20.5
		50	0	18.88	19.89	19.47	20.5
		50	25	19.02	19.76	18.86	20.5
		50	50	19.24	19.66	18.56	20.5
		100	0	19.11	19.65	19.11	20.5
	16QAM	1	0	18.77	19.78	19.82	20.5
		1	50	18.92	20.46	18.81	20.5
		1	99	19.58	19.92	18.77	20.5
		50	0	18.73	19.83	19.37	20.5
		50	25	18.86	19.69	18.75	20.5
		50	50	19.19	19.57	18.92	20.5
		100	0	18.95	19.58	19.24	20.5
	64QAM	1	0	18.98	18.76	18.79	20.5
		1	50	18.17	18.14	18.11	20.5
		1	99	18.77	18.65	18.48	20.5
		50	0	18.85	18.9	18.87	20.5
		50	25	18.8	18.87	18.82	20.5
		50	50	18.82	18.81	18.75	20.5
		100	0	18.82	18.85	18.8	20.5

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LTE Band 38 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	17.32	17.4	17.47	19
		1	13	17.15	17.09	17.24	19
		1	24	17.36	17.41	17.39	19
		12	0	17.48	17.4	17.45	19
		12	6	17.42	17.42	17.46	19
		12	13	17.47	17.42	17.39	19
		25	0	17.32	17.21	17.37	19
	16QAM	1	0	17.51	17.41	17.39	19
		1	13	17.19	17.32	17.44	19
		1	24	17.48	17.38	17.57	19
		12	0	17.32	17.27	17.43	19
		12	6	17.39	17.3	17.42	19
		12	13	17.35	17.31	17.38	19
		25	0	17.28	17.35	17.36	19
	64QAM	1	0	17.82	17.87	17.82	19
		1	13	17.14	16.81	16.9	19
		1	24	17.77	17.57	17.78	19
		12	0	17.74	17.77	17.78	19
		12	6	17.67	17.75	17.75	19
		12	13	17.75	17.5	17.65	19
		25	0	17.76	17.77	17.72	19
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	17.33	17.44	17.54	19
		1	25	17.17	17.15	17.12	19
		1	49	17.47	17.44	17.45	19
		25	0	17.42	17.42	17.47	19
		25	13	17.35	17.38	17.4	19
		25	25	17.42	17.4	17.47	19
		50	0	17.32	17.16	17.31	19
	16QAM	1	0	17.48	17.29	17.46	19
		1	25	17.18	17.29	17.47	19
		1	49	17.53	17.4	17.51	19
		25	0	17.28	17.28	17.39	19
		25	13	17.37	17.28	17.44	19
		25	25	17.35	17.41	17.46	19
		50	0	17.41	17.37	17.42	19
	64QAM	1	0	17.88	17.92	17.83	19
		1	25	17.2	17.18	17.3	19
		1	49	17.81	17.7	17.7	19
		25	0	17.77	17.82	17.78	19
		25	13	17.72	17.76	17.74	19
		25	25	17.76	17.53	17.71	19
		50	0	17.77	17.8	17.74	19

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	17.41	17.41	17.43	19
		1	38	17.05	17.07	17.11	19
		1	74	17.46	17.42	17.45	19
		36	0	17.36	17.33	17.4	19
		36	18	17.4	17.38	17.4	19
		36	39	17.49	17.47	17.42	19
		75	0	17.33	17.21	17.35	19
	16QAM	1	0	17.42	17.37	17.41	19
		1	38	17.25	17.34	17.54	19
		1	74	17.47	17.45	17.43	19
		36	0	17.28	17.35	17.45	19
		36	18	17.39	17.34	17.33	19
		36	39	17.34	17.41	17.44	19
		75	0	17.42	17.32	17.39	19
	64QAM	1	0	17.94	17.99	17.94	19
		1	38	17.23	16.93	17.04	19
		1	74	17.91	17.69	17.92	19
		36	0	17.86	17.9	17.89	19
		36	18	17.82	17.88	17.85	19
		36	39	17.85	17.61	17.78	19
		75	0	17.86	17.91	17.84	19

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	17.46	17.48	17.55	19
		1	50	17.2	17.21	17.25	19
		1	99	17.48	17.52	17.53	19
		50	0	17.51	17.43	17.51	19
		50	25	17.44	17.48	17.5	19
		50	50	17.5	17.49	17.52	19
		100	0	17.42	17.23	17.44	19
	16QAM	1	0	17.55	17.41	17.48	19
		1	50	17.32	17.38	17.54	19
		1	99	17.54	17.48	17.57	19
		50	0	17.41	17.41	17.46	19
		50	25	17.39	17.39	17.45	19
		50	50	17.4	17.43	17.48	19
		100	0	17.42	17.39	17.43	19
	64QAM	1	0	17.99	18.04	17.9	19
		1	50	17.3	17.26	17.41	19
		1	99	17.89	17.79	17.77	19
		50	0	17.87	17.89	17.88	19
		50	25	17.83	17.87	17.84	19
		50	50	17.86	17.65	17.78	19
		100	0	17.84	17.89	17.83	19

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LTE Band 38 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	15.96	15.88	15.94	17.5
		1	13	14.8	15.48	15.45	17.5
		1	24	15.83	16.01	15.87	17.5
		12	0	15.94	15.87	15.88	17.5
		12	6	15.84	15.9	15.9	17.5
		12	13	15.96	15.85	15.97	17.5
		25	0	15.91	15.92	15.86	17.5
	16QAM	1	0	15.8	15.86	15.94	17.5
		1	13	14.62	15.22	14.52	17.5
		1	24	15.95	16.09	16.03	17.5
		12	0	15.8	15.7	15.93	17.5
		12	6	15.83	15.84	15.84	17.5
		12	13	15.77	15.74	15.9	17.5
		25	0	15.77	15.78	15.78	17.5
	64QAM	1	0	15.62	15.76	15.75	17.5
		1	13	15.59	15.59	15.69	17.5
		1	24	15.62	15.54	15.59	17.5
		12	0	15.7	15.77	15.77	17.5
		12	6	15.69	15.76	15.72	17.5
		12	13	15.76	15.73	15.65	17.5
		25	0	15.68	15.69	15.7	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	15.87	15.87	15.85	17.5
		1	25	14.83	15.47	15.51	17.5
		1	49	15.89	15.91	15.89	17.5
		25	0	15.97	15.88	15.89	17.5
		25	13	15.81	15.95	15.92	17.5
		25	25	15.92	15.9	15.92	17.5
		50	0	15.95	15.89	15.96	17.5
	16QAM	1	0	15.8	15.88	15.96	17.5
		1	25	14.69	15.26	14.59	17.5
		1	49	15.92	16.03	15.98	17.5
		25	0	15.84	15.69	15.93	17.5
		25	13	15.83	15.83	15.78	17.5
		25	25	15.81	15.77	15.87	17.5
		50	0	15.78	15.9	15.83	17.5
	64QAM	1	0	15.65	15.79	15.72	17.5
		1	25	14.58	15.07	15.32	17.5
		1	49	15.56	15.65	15.64	17.5
		25	0	15.74	15.81	15.77	17.5
		25	13	15.75	15.75	15.66	17.5
		25	25	15.78	15.74	15.64	17.5
		50	0	15.71	15.64	15.74	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	15.83	16.01	15.98	17.5
		1	38	14.93	15.47	15.54	17.5
		1	74	15.89	15.94	15.86	17.5
		36	0	15.89	15.79	15.9	17.5
		36	18	15.83	15.83	16.01	17.5
		36	39	15.87	15.89	15.92	17.5
		75	0	15.88	15.84	15.82	17.5
	16QAM	1	0	15.87	15.87	15.99	17.5
		1	38	14.59	15.24	14.52	17.5
		1	74	16.03	16.14	15.95	17.5
		36	0	15.75	15.77	15.9	17.5
		36	18	15.82	15.88	15.84	17.5
		36	39	15.83	15.8	15.85	17.5
		75	0	15.74	15.91	15.82	17.5
	64QAM	1	0	15.73	15.9	15.81	17.5
		1	38	14.7	15.15	15.46	17.5
		1	74	15.7	15.76	15.76	17.5
		36	0	15.86	15.95	15.87	17.5
		36	18	15.85	15.89	15.81	17.5
		36	39	15.86	15.85	15.77	17.5
		75	0	15.83	15.74	15.83	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	15.97	16.02	15.99	17.5
		1	50	14.95	15.54	15.58	17.5
		1	99	15.98	16.05	16.01	17.5
		50	0	15.99	15.9	15.98	17.5
		50	25	15.95	15.98	16.02	17.5
		50	50	15.96	15.97	16.05	17.5
		100	0	15.97	15.96	15.97	17.5
	16QAM	1	0	15.93	15.89	16.07	17.5
		1	50	14.61	15.27	14.53	17.5
		1	99	16.07	16.16	16.06	17.5
		50	0	15.89	15.79	15.98	17.5
		50	25	15.88	15.88	15.92	17.5
		50	50	15.88	15.89	15.92	17.5
		100	0	15.85	15.92	15.89	17.5
	64QAM	1	0	15.7	15.86	15.87	17.5
		1	50	15.69	15.69	15.76	17.5
		1	99	15.69	15.66	15.69	17.5
		50	0	15.83	15.85	15.86	17.5
		50	25	15.82	15.88	15.85	17.5
		50	50	15.84	15.84	15.76	17.5
		100	0	15.8	15.81	15.8	17.5

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LTE Band 38 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	11.95	12.83	12.93	13.5
		1	13	12.47	12.88	11.74	13.5
		1	24	12.87	12.27	11.35	13.5
		12	0	12.36	13.06	12.38	13.5
		12	6	12.44	12.8	11.75	13.5
		12	13	12.71	12.68	11.72	13.5
		25	0	12.56	13.01	12.14	13.5
	16QAM	1	0	11.78	12.89	12.65	13.5
		1	13	12.28	12.8	11.67	13.5
		1	24	12.71	12.14	11.34	13.5
		12	0	12.2	12.95	12.27	13.5
		12	6	12.3	12.77	11.52	13.5
		12	13	12.51	12.66	11.54	13.5
		25	0	12.4	12.69	11.97	13.5
	64QAM	1	0	12.18	13.16	13.01	13.5
		1	13	12.61	12.86	11.74	13.5
		1	24	12.69	12.27	11.14	13.5
		12	0	12.65	13.09	12.56	13.5
		12	6	12.56	12.86	11.83	13.5
		12	13	12.52	12.72	11.57	13.5
		25	0	12.7	12.79	12.05	13.5
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	11.95	12.9	12.82	13.5
		1	25	12.38	12.86	11.81	13.5
		1	49	12.87	12.21	11.27	13.5
		25	0	12.28	13.08	12.4	13.5
		25	13	12.47	12.91	11.77	13.5
		25	25	12.67	12.77	11.59	13.5
		50	0	12.59	12.93	12.09	13.5
	16QAM	1	0	11.78	12.85	12.76	13.5
		1	25	12.21	12.8	11.62	13.5
		1	49	12.66	12.15	11.3	13.5
		25	0	12.25	13.04	12.33	13.5
		25	13	12.4	12.75	11.59	13.5
		25	25	12.5	12.65	11.56	13.5
		50	0	12.3	12.79	11.98	13.5
	64QAM	1	0	12.25	12.88	12.97	13.5
		1	25	12.37	12.87	11.63	13.5
		1	49	12.73	12.29	11.17	13.5
		25	0	12.63	13.09	12.55	13.5
		25	13	12.6	12.83	11.84	13.5
		25	25	12.55	12.7	11.55	13.5
		50	0	12.7	12.77	12.08	13.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	11.95	12.89	12.83	13.5
		1	38	12.42	12.91	11.81	13.5
		1	74	12.77	12.22	11.27	13.5
		36	0	12.37	13.14	12.48	13.5
		36	18	12.52	12.79	11.82	13.5
		36	39	12.69	12.77	11.69	13.5
		75	0	12.57	12.96	12.02	13.5
	16QAM	1	0	11.78	12.89	12.71	13.5
		1	38	12.27	12.86	11.7	13.5
		1	74	12.69	12.27	11.32	13.5
		36	0	12.16	13.02	12.26	13.5
		36	18	12.35	12.74	11.46	13.5
		36	39	12.49	12.72	11.6	13.5
		75	0	12.42	12.74	11.85	13.5
	64QAM	1	0	12.33	13.24	13.13	13.5
		1	38	12.7	13.01	11.85	13.5
		1	74	12.81	12.4	11.29	13.5
		36	0	12.74	13.21	12.71	13.5
		36	18	12.7	12.94	11.95	13.5
		36	39	12.66	12.82	11.67	13.5
		75	0	12.82	12.89	12.2	13.5

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	11.96	12.97	12.95	13.5
		1	50	12.53	12.98	11.88	13.5
		1	99	12.91	12.3	11.37	13.5
		50	0	12.39	13.18	12.52	13.5
		50	25	12.53	12.92	11.84	13.5
		50	50	12.79	12.8	11.73	13.5
		100	0	12.59	13.03	12.14	13.5
	16QAM	1	0	11.83	12.92	12.77	13.5
		1	50	12.3	12.94	11.75	13.5
		1	99	12.77	12.28	11.38	13.5
		50	0	12.29	13.1	12.38	13.5
		50	25	12.42	12.85	11.59	13.5
		50	50	12.55	12.74	11.6	13.5
		100	0	12.45	12.84	11.99	13.5
	64QAM	1	0	12.33	13.01	13.05	13.5
		1	50	12.5	12.96	11.75	13.5
		1	99	12.8	12.36	11.25	13.5
		50	0	12.71	13.19	12.68	13.5
		50	25	12.67	12.92	11.91	13.5
		50	50	12.66	12.79	11.63	13.5
		100	0	12.8	12.86	12.17	13.5

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LTE Band 38 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	10.86	11.56	11.31	12
		1	13	11.25	11.49	11.21	12
		1	24	11.31	10.79	11.28	12
		12	0	11.41	11.52	10.83	12
		12	6	11.43	11.69	10.14	12
		12	13	11.37	11.56	10.02	12
		25	0	11.51	11.59	10.47	12
	16QAM	1	0	10.88	11.57	11.74	12
		1	13	11.24	11.5	11.58	12
		1	24	11.31	10.78	11.14	12
		12	0	11.4	11.51	11.91	12
		12	6	11.4	11.67	11.58	12
		12	13	11.38	11.55	11.49	12
		25	0	11.5	11.58	11.89	12
	64QAM	1	0	10.89	11.54	11.55	12
		1	13	11.27	11.56	10.28	12
		1	24	11.42	10.86	10.8	12
		12	0	11.23	11.42	11.18	12
		12	6	11.25	11.49	10.4	12
		12	13	11.16	11.35	10.51	12
		25	0	11.27	11.42	10.65	12
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	10.87	11.59	11.32	12
		1	25	11.24	11.51	10.88	12
		1	49	11.31	10.78	10.64	12
		25	0	11.42	11.49	10.78	12
		25	13	11.43	11.7	10.11	12
		25	25	11.37	11.55	10.03	12
		50	0	11.5	11.57	10.43	12
	16QAM	1	0	10.86	11.58	11.71	12
		1	25	11.22	11.52	11.64	12
		1	49	11.33	10.76	11.15	12
		25	0	11.4	11.52	12.23	12
		25	13	11.42	11.69	11.58	12
		25	25	11.37	11.55	11.47	12
		50	0	11.5	11.57	11.91	12
	64QAM	1	0	10.76	11.42	11.49	12
		1	25	11.12	11.38	10.17	12
		1	49	11.16	10.68	10.19	12
		25	0	11.25	11.47	11.2	12
		25	13	11.28	11.59	10.46	12
		25	25	11.27	11.42	10.22	12
		50	0	11.4	11.44	10.5	12

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Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	10.86	11.58	11.38	12
		1	38	11.22	11.5	10.9	12
		1	74	11.3	10.77	10.62	12
		36	0	11.41	11.51	10.81	12
		36	18	11.41	11.68	10.11	12
		36	39	11.4	11.54	10.02	12
		75	0	11.49	11.6	10.42	12
	16QAM	1	0	10.86	11.58	11.76	12
		1	38	11.24	11.51	11.59	12
		1	74	11.3	10.76	11.16	12
		36	0	11.39	11.51	11.62	12
		36	18	11.43	11.67	11.57	12
		36	39	11.4	11.54	11.48	12
		75	0	11.5	11.58	11.9	12
	64QAM	1	0	11.03	11.44	11.56	12
		1	38	11.42	11.47	10.39	12
		1	74	11.51	10.94	10.94	12
		36	0	11.35	11.52	11.28	12
		36	18	11.34	11.6	10.51	12
		36	39	11.3	11.45	10.6	12
		75	0	11.42	11.5	10.76	12

Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	10.85	11.57	11.45	12
		1	50	11.25	11.49	10.99	12
		1	99	11.3	10.77	10.75	12
		50	0	11.41	11.5	10.91	12
		50	25	11.42	11.67	10.22	12
		50	50	11.39	11.56	10.13	12
		100	0	11.51	11.59	10.54	12
	16QAM	1	0	10.88	11.56	11.96	12
		1	50	11.23	11.5	11.73	12
		1	99	11.31	10.77	11.26	12
		50	0	11.4	11.5	11.34	12
		50	25	11.42	11.67	11.68	12
		50	50	11.4	11.53	11.58	12
		100	0	11.5	11.59	11.99	12
	64QAM	1	0	10.83	11.54	11.54	12
		1	50	11.2	11.47	10.28	12
		1	99	11.28	10.74	10.29	12
		50	0	11.37	11.47	11.32	12
		50	25	11.38	11.65	10.56	12
		50	50	11.35	11.51	10.29	12
		100	0	11.46	11.55	10.6	12

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LTE Band 41 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	22.96	23.87	23.62	24.5
		1	13	22.83	23.7	23.44	24.5
		1	24	22.49	23.22	22.95	24.5
		12	0	21.98	22.75	22.71	24
		12	6	21.91	22.63	22.66	24
		12	13	21.68	22.39	22.4	24
		25	0	21.78	22.55	22.56	24
	16QAM	1	0	22.08	22.7	22.51	23.5
		1	13	21.92	22.59	22.5	23.5
		1	24	21.56	22.16	22.16	23.5
		12	0	20.89	21.48	21.51	22.5
		12	6	20.75	21.17	21.52	22.5
		12	13	20.51	21.15	21.32	22.5
		25	0	20.74	21.36	21.51	22.5
	64QAM	1	0	21.36	21.08	21.14	23
		1	13	20.06	20.25	20.15	23
		1	24	20.67	20.88	20.61	23
		12	0	20.04	20.25	20.04	22
		12	6	19.98	20.21	20	22
		12	13	20.02	20.17	20	22
		25	0	20.01	20.21	19.98	22
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	22.45	23.62	23.41	24.5
		1	25	22.77	23.74	23.61	24.5
		1	49	22.17	22.71	22.76	24.5
		25	0	21.84	22.82	22.8	24
		25	13	21.75	22.58	22.64	24
		25	25	21.5	22.18	22.38	24
		50	0	21.73	22.51	22.63	24
	16QAM	1	0	21.77	22.54	22.38	23.5
		1	25	21.86	22.68	22.68	23.5
		1	49	21.18	21.71	21.95	23.5
		25	0	20.77	21.56	21.51	22.5
		25	13	20.57	21.34	21.44	22.5
		25	25	20.24	20.93	21.3	22.5
		50	0	20.63	21.28	21.45	22.5
	64QAM	1	0	21.35	21.08	21.12	23
		1	25	20.11	20.25	20.07	23
		1	49	20.67	20.88	20.61	23
		25	0	20.05	20.25	20.04	22
		25	13	19.98	20.2	20.02	22
		25	25	20.05	20.17	19.99	22
		50	0	19.99	20.2	19.98	22

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	22.83	23.87	23.52	24.5
		1	38	22.74	23.68	23.74	24.5
		1	74	22.49	22.64	22.88	24.5
		36	0	21.86	22.88	22.74	24
		36	18	21.73	22.61	22.75	24
		36	39	21.66	22.1	22.47	24
		75	0	21.76	22.51	22.67	24
	16QAM	1	0	21.92	22.94	22.51	23.5
		1	38	21.85	22.68	22.79	23.5
		1	74	21.68	21.75	22.15	23.5
		36	0	20.8	21.64	21.54	22.5
		36	18	20.48	21.4	21.59	22.5
		36	39	20.4	20.91	21.39	22.5
		75	0	20.52	21.29	21.46	22.5
	64QAM	1	0	21.38	21.07	21.14	23
		1	38	20.09	20.24	20.14	23
		1	74	20.66	20.89	20.62	23
		36	0	20.06	20.26	20.02	22
		36	18	19.98	20.2	19.99	22
		36	39	20.02	20.18	19.98	22
		75	0	20.02	20.21	19.98	22

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	22.63	23.88	23.08	24.5
		1	50	22.49	23.39	23.51	24.5
		1	99	22.89	22.54	22.79	24.5
		50	0	21.62	22.74	22.42	24
		50	25	21.58	22.38	22.46	24
		50	50	21.68	21.84	22.4	24
		100	0	21.65	22.37	22.31	24
	16QAM	1	0	21.75	22.81	22.21	23.5
		1	50	21.5	22.39	22.44	23.5
		1	99	22.02	21.56	22.22	23.5
		50	0	20.46	21.48	21.22	22.5
		50	25	20.34	21.16	21.28	22.5
		50	50	20.41	20.65	21.21	22.5
		100	0	20.52	21.13	21.21	22.5
	64QAM	1	0	21.4	21.12	21.16	23
		1	50	20.24	20.27	20.19	23
		1	99	20.71	20.92	20.64	23
		50	0	20.08	20.29	20.07	22
		50	25	20.03	20.24	20.04	22
		50	50	20.07	20.2	20.02	22
		100	0	20.04	20.24	20.01	22

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LTE Band 41 Left Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	19.84	20.22	20.05	21.5
		1	13	19.36	19.81	20.3	21.5
		1	24	19.9	20.19	20.29	21.5
		12	0	20.1	20.1	20.21	21.5
		12	6	20.06	20.07	20.1	21.5
		12	13	20.04	20.18	20.28	21.5
		25	0	20.01	20.16	20.28	21.5
	16QAM	1	0	20.19	19.73	20.67	21.5
		1	13	20.13	19.4	20.53	21.5
		1	24	20.35	20.06	20.81	21.5
		12	0	19.92	20.1	20.16	21.5
		12	6	19.83	20.15	20.2	21.5
		12	13	19.93	20.32	20.13	21.5
		25	0	20.15	20.34	20.32	21.5
	64QAM	1	0	19.73	19.8	19.58	21.5
		1	13	19.81	19.8	18.99	21.5
		1	24	19.31	20.06	19.79	21.5
		12	0	20.06	20.24	19.97	21.5
		12	6	19.94	20.15	19.9	21.5
		12	13	19.94	20.06	19.91	21.5
		25	0	19.99	20.14	19.93	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	19.81	20.17	20.04	21.5
		1	25	19.45	19.79	20.25	21.5
		1	49	19.94	20.18	20.23	21.5
		25	0	20.02	20.04	20.28	21.5
		25	13	19.96	20.18	20.21	21.5
		25	25	20.08	20.15	20.21	21.5
		50	0	20.04	20.12	20.2	21.5
	16QAM	1	0	20.24	19.83	20.68	21.5
		1	25	20.07	19.45	20.52	21.5
		1	49	20.32	19.92	20.83	21.5
		25	0	19.84	20.08	20.26	21.5
		25	13	19.91	20.15	20.18	21.5
		25	25	19.91	20.27	20.23	21.5
		50	0	20.14	20.33	20.29	21.5
	64QAM	1	0	19.68	19.78	19.56	21.5
		1	25	19.8	19.75	18.96	21.5
		1	49	19.26	20.05	19.79	21.5
		25	0	20.04	20.21	19.95	21.5
		25	13	19.92	20.12	19.87	21.5
		25	25	19.92	20.02	19.9	21.5
		50	0	19.95	20.11	19.92	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	19.86	20.14	20.04	21.5
		1	38	19.43	19.68	20.26	21.5
		1	74	19.99	20.2	20.2	21.5
		36	0	19.98	20.01	20.29	21.5
		36	18	19.95	20.09	20.22	21.5
		36	39	20.08	20.15	20.26	21.5
		75	0	19.98	20.18	20.23	21.5
	16QAM	1	0	20.15	19.79	20.67	21.5
		1	38	20.12	19.37	20.45	21.5
		1	74	20.39	20.05	20.78	21.5
		36	0	19.97	20.06	20.24	21.5
		36	18	19.85	20.11	20.2	21.5
		36	39	19.98	20.28	20.14	21.5
		75	0	20.21	20.34	20.26	21.5
	64QAM	1	0	19.7	19.82	19.6	21.5
		1	38	19.82	19.79	19	21.5
		1	74	19.3	20.08	19.81	21.5
		36	0	20.06	20.24	19.98	21.5
		36	18	19.95	20.16	19.89	21.5
		36	39	19.96	20.06	19.93	21.5
		75	0	19.98	20.15	19.96	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	19.94	20.27	20.12	21.5
		1	50	19.50	19.81	20.34	21.5
		1	99	20.00	20.33	20.32	21.5
		50	0	20.12	20.12	20.29	21.5
		50	25	20.09	20.21	20.22	21.5
		50	50	20.13	20.21	20.30	21.5
		100	0	20.05	20.18	20.32	21.5
	16QAM	1	0	20.25	19.83	20.80	21.5
		1	50	20.14	19.51	20.59	21.5
		1	99	20.39	20.06	20.92	21.5
		50	0	19.99	20.21	20.30	21.5
		50	25	19.97	20.22	20.24	21.5
		50	50	19.98	20.32	20.26	21.5
		100	0	20.27	20.44	20.35	21.5
	64QAM	1	0	19.75	19.84	19.62	21.5
		1	50	19.86	19.82	19.04	21.5
		1	99	19.33	20.1	19.83	21.5
		50	0	20.08	20.28	20.02	21.5
		50	25	19.99	20.18	19.94	21.5
		50	50	19.99	20.11	19.95	21.5
		100	0	20.03	20.18	19.98	21.5

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LTE Band 41 Right Head reduced power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	15.3	15.61	15.44	16.5
		1	13	14.76	14.86	14.85	16.5
		1	24	14.97	14.71	15.06	16.5
		12	0	15.28	15.17	15.18	16.5
		12	6	15.24	15.32	15.08	16.5
		12	13	15.15	15.35	14.98	16.5
		25	0	15.43	15.14	15.34	16.5
	16QAM	1	0	15.2	13.96	15.45	16.5
		1	13	15.74	14.79	14.64	16.5
		1	24	13.57	14.8	14.29	16.5
		12	0	15.29	15.17	15	16.5
		12	6	15.23	15.07	15.46	16.5
		12	13	15.14	15.75	14.92	16.5
		25	0	15.19	15.42	15.29	16.5
	64QAM	1	0	15.12	14.58	15.1	16.5
		1	13	14.56	14.68	14.92	16.5
		1	24	14.88	14.69	14.94	16.5
		12	0	14.79	14.85	15.06	16.5
		12	6	14.91	14.89	14.77	16.5
		12	13	14.93	14.98	14.64	16.5
		25	0	14.72	15.16	14.74	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	15.49	14.56	15.67	16.5
		1	25	14.35	14.71	13.91	16.5
		1	49	15.18	15.23	15.24	16.5
		25	0	15.38	15.07	15.21	16.5
		25	13	15.19	15.18	15.2	16.5
		25	25	15.2	15.24	15.03	16.5
		50	0	15.25	15.26	15.24	16.5
	16QAM	1	0	14.25	15.49	14.57	16.5
		1	25	15.27	14.96	15.47	16.5
		1	49	14.46	14.97	14.93	16.5
		25	0	15.08	15.03	15.61	16.5
		25	13	15.12	14.05	15.28	16.5
		25	25	14.86	15.16	15.5	16.5
		50	0	15.16	15.42	15.19	16.5
	64QAM	1	0	15.11	14.69	15.09	16.5
		1	25	14.55	14.56	14.91	16.5
		1	49	14.67	14.67	14.96	16.5
		25	0	14.77	14.88	15.08	16.5
		25	13	14.9	14.91	14.77	16.5
		25	25	14.92	14.98	14.65	16.5
		50	0	14.72	15.13	14.73	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	15.84	15.68	15.27	16.5
		1	38	15.04	15	15.06	16.5
		1	74	15.13	15.09	15.24	16.5
		36	0	15.23	15.2	15.45	16.5
		36	18	15.2	15.27	15.27	16.5
		36	39	15.27	15.05	15.3	16.5
		75	0	15.17	15.41	15.29	16.5
	16QAM	1	0	14.94	16.16	15.12	16.5
		1	38	14.46	14.47	14.45	16.5
		1	74	14.34	14.75	15.57	16.5
		36	0	15.25	15.23	15.56	16.5
		36	18	14.72	15.16	15.32	16.5
		36	39	15.19	15.17	15.18	16.5
		75	0	15.03	15.38	15.28	16.5
	64QAM	1	0	15.09	14.58	15.1	16.5
		1	38	14.57	14.66	14.91	16.5
		1	74	14.67	14.67	14.97	16.5
		36	0	14.78	14.88	15.05	16.5
		36	18	14.93	14.9	14.78	16.5
		36	39	14.95	14.96	14.65	16.5
		75	0	14.71	15.14	14.73	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	15.24	15.81	15.46	16.5
		1	50	15.24	15.91	15.55	16.5
		1	99	15.23	15.23	15.46	16.5
		50	0	15.22	15.18	15.33	16.5
		50	25	15.12	15.14	15.34	16.5
		50	50	15.04	15.23	15.36	16.5
		100	0	14.97	15.29	15.33	16.5
	16QAM	1	0	15.23	16.08	15.46	16.5
		1	50	15.23	15.54	15.98	16.5
		1	99	15.22	15.67	15.46	16.5
		50	0	15.20	15.22	15.60	16.5
		50	25	15.15	15.21	15.50	16.5
		50	50	15.18	15.21	15.64	16.5
		100	0	14.86	15.20	15.21	16.5
	64QAM	1	0	15.14	14.62	15.14	16.5
		1	50	14.59	14.71	14.96	16.5
		1	99	14.92	14.71	14.99	16.5
		50	0	14.81	14.9	15.1	16.5
		50	25	14.95	14.94	14.81	16.5
		50	50	14.97	15.01	14.69	16.5
		100	0	14.76	15.18	14.76	16.5

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LTE Band 41 hotspot actived for 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	20.5	21.17	21.13	22
		1	13	20.37	20.98	20.9	22
		1	24	19.93	20.59	20.77	22
		12	0	20.47	21.1	21.2	22
		12	6	20.34	20.76	21.13	22
		12	13	20.11	20.75	20.91	22
		25	0	20.23	20.92	20.81	22
	16QAM	1	0	20.48	21.19	21.13	22
		1	13	20.33	21.02	21.17	22
		1	24	19.88	20.58	20.79	22
		12	0	20.28	20.94	20.9	22
		12	6	20.15	20.84	20.96	22
		12	13	19.93	20.6	20.75	22
		25	0	20.17	20.81	20.89	22
	64QAM	1	0	20.41	20.15	20.87	22
		1	13	19.93	20.27	20.03	22
		1	24	20.45	20.64	20.47	22
		12	0	20.02	20.19	19.98	22
		12	6	20	20.16	19.97	22
		12	13	19.99	20.09	19.95	22
		25	0	20.01	20.15	19.98	22
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	20.16	20.96	20.78	22
		1	25	20.17	21	21.1	22
		1	49	19.53	20.05	20.46	22
		25	0	20.31	21.17	21.09	22
		25	13	20.09	20.92	21.01	22
		25	25	19.83	20.59	20.85	22
		50	0	20.08	20.86	20.94	22
	16QAM	1	0	20.11	20.93	20.47	22
		1	25	20.23	21.03	21.05	22
		1	49	19.54	20.05	20.47	22
		25	0	20.2	21.03	20.92	22
		25	13	19.97	20.8	20.87	22
		25	25	19.76	20.48	20.74	22
		50	0	20.03	20.75	20.78	22
	64QAM	1	0	20.46	20.14	20.85	22
		1	25	19.94	20.31	19.99	22
		1	49	20.46	20.65	20.45	22
		25	0	20	20.23	19.99	22
		25	13	19.98	20.18	19.97	22
		25	25	19.95	20.1	19.99	22
		50	0	19.98	20.15	19.97	22

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	20.38	21.23	20.91	22
		1	38	19.92	20.99	21.14	22
		1	74	19.92	20	20.57	22
		36	0	20.32	21.23	21.06	22
		36	18	20.12	20.97	21.05	22
		36	39	19.95	20.53	20.85	22
		75	0	20.14	20.87	21	22
	16QAM	1	0	20.56	21.31	20.98	22
		1	38	20.35	21.07	21.2	22
		1	74	20.13	20.09	20.72	22
		36	0	20.25	21.09	20.9	22
		36	18	19.99	20.84	20.91	22
		36	39	19.83	20.42	20.73	22
		75	0	20.03	20.51	20.85	22
	64QAM	1	0	20.45	20.1	20.84	22
		1	38	19.98	20.28	20.03	22
		1	74	20.43	20.68	20.48	22
		36	0	20.01	20.18	20.02	22
		36	18	19.99	20.15	19.92	22
		36	39	20.01	20.1	19.97	22
		75	0	19.97	20.11	19.96	22

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	20.17	21.24	20.44	22
		1	50	19.78	20.7	20.78	22
		1	99	20.29	19.95	20.72	22
		50	0	19.96	21.11	20.7	22
		50	25	19.88	20.75	20.78	22
		50	50	19.98	20.28	20.72	22
		100	0	20.04	20.7	20.73	22
	16QAM	1	0	20.23	21.27	20.45	22
		1	50	19.84	20.74	20.75	22
		1	99	20.34	20.07	20.75	22
		50	0	19.88	20.96	20.55	22
		50	25	19.73	20.62	20.62	22
		50	50	19.88	20.11	20.58	22
		100	0	19.88	20.56	20.57	22
	64QAM	1	0	20.52	20.2	20.94	22
		1	50	20.03	20.38	20.08	22
		1	99	20.52	20.75	20.54	22
		50	0	20.1	20.29	20.08	22
		50	25	20.06	20.25	20.02	22
		50	50	20.06	20.17	20.04	22
		100	0	20.07	20.21	20.03	22

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LTE Band 41 hotspot actived for 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	18.76	19.18	19.47	20.5
		1	13	18.58	18.98	19.5	20.5
		1	24	18.14	18.59	19.09	20.5
		12	0	18.69	19.33	19.5	20.5
		12	6	18.61	18.99	19.49	20.5
		12	13	18.38	19.04	19.29	20.5
		25	0	18.49	19.2	19.4	20.5
	16QAM	1	0	18.67	19.29	19.4	20.5
		1	13	18.48	19.09	19.31	20.5
		1	24	18.09	18.72	18.98	20.5
		12	0	18.55	19.15	19.33	20.5
		12	6	18.39	19.04	19.34	20.5
		12	13	18.18	18.8	19.14	20.5
		25	0	18.41	18.56	19.27	20.5
	64QAM	1	0	19.17	19.14	18.92	20.5
		1	13	18.37	18.59	18.37	20.5
		1	24	18.6	19	18.78	20.5
		12	0	19.02	19.26	19.07	20.5
		12	6	19	19.23	19.02	20.5
		12	13	18.99	19.16	19.01	20.5
		25	0	19.01	19.18	18.99	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	18.37	19.17	19.06	20.5
		1	25	18.4	19.2	19.37	20.5
		1	49	17.82	18.29	18.73	20.5
		25	0	18.54	19.39	19.36	20.5
		25	13	18.36	19.2	19.33	20.5
		25	25	18.14	18.8	19.17	20.5
		50	0	18.39	19.14	19.29	20.5
	16QAM	1	0	18.37	19.07	18.94	20.5
		1	25	18.38	19.13	19.23	20.5
		1	49	17.75	18.17	18.65	20.5
		25	0	18.43	19.24	19.18	20.5
		25	13	18.25	19.06	19.13	20.5
		25	25	18.02	18.66	19.03	20.5
		50	0	18.28	19.01	19.16	20.5
	64QAM	1	0	19	18.74	18.6	20.5
		1	25	18.79	19.17	18.52	20.5
		1	49	18.76	18.26	18.8	20.5
		25	0	19.09	19.22	19.05	20.5
		25	13	19.02	19.15	19.03	20.5
		25	25	19.04	19.08	19.03	20.5
		50	0	18.93	19.06	18.88	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	18.64	19.54	19.23	20.5
		1	38	18.38	19.19	19.47	20.5
		1	74	18.17	18.22	18.93	20.5
		36	0	18.6	19.53	19.39	20.5
		36	18	18.36	19.25	19.33	20.5
		36	39	18.27	18.75	19.25	20.5
		75	0	18.39	19.14	19.37	20.5
	16QAM	1	0	18.7	19.53	19.24	20.5
		1	38	18.4	19.17	19.43	20.5
		1	74	18.14	18.2	18.98	20.5
		36	0	18.47	19.34	19.21	20.5
		36	18	18	19.13	19.17	20.5
		36	39	18.12	18.58	19.07	20.5
		75	0	18.32	19.04	19.14	20.5
	64QAM	1	0	19.08	18.81	18.67	20.5
		1	38	18.86	19.25	18.59	20.5
		1	74	18.84	18.35	18.87	20.5
		36	0	19.15	19.31	19.12	20.5
		36	18	19.08	19.22	19.1	20.5
		36	39	19.12	19.14	19.09	20.5
		75	0	19	19.15	18.97	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	18.48	19.55	18.75	20.5
		1	50	18.11	18.92	19.08	20.5
		1	99	18.55	18.29	19.05	20.5
		50	0	18.27	19.39	19.02	20.5
		50	25	18.2	19.02	19.09	20.5
		50	50	18.18	18.56	19.08	20.5
		100	0	18.28	18.98	19.01	20.5
	16QAM	1	0	18.5	19.41	18.74	20.5
		1	50	18.01	18.86	19.04	20.5
		1	99	18.55	18.25	18.82	20.5
		50	0	18.12	19.23	18.87	20.5
		50	25	18.1	18.87	18.93	20.5
		50	50	18.08	18.43	18.92	20.5
		100	0	18.17	18.88	18.88	20.5
	64QAM	1	0	19.21	19.2	18.96	20.5
		1	50	18.39	18.64	18.43	20.5
		1	99	18.65	19.05	18.83	20.5
		50	0	19.08	19.28	19.12	20.5
		50	25	19.04	19.29	19.04	20.5
		50	50	19.05	19.18	19.04	20.5
		100	0	19.03	19.23	19.01	20.5

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LTE Band 41 Body-worn simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	21.31	21.44	21.33	22
		1	13	21.19	21.37	21.38	22
		1	24	20.67	21.02	21.07	22
		12	0	21.29	21.48	21.46	22
		12	6	20.94	21.37	21.38	22
		12	13	20.95	21.19	21.23	22
		25	0	21.08	21.27	21.32	22
	16QAM	1	0	21.3	21.24	21.24	22
		1	13	21.13	21.19	21.28	22
		1	24	20.73	20.86	21.01	22
		12	0	21.17	21.28	21.26	22
		12	6	21.06	21.18	21.21	22
		12	13	20.86	21.04	21.13	22
		25	0	20.94	21.1	21.13	22
	64QAM	1	0	20.48	21.01	20.08	22
		1	13	20.08	20.22	19.96	22
		1	24	20.71	20.88	20.17	22
		12	0	20.05	20.16	19.94	22
		12	6	19.88	20.15	19.68	22
		12	13	19.98	20.1	19.88	22
		25	0	19.98	20.14	19.98	22
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	20.98	21.17	20.89	22
		1	25	20.94	21.4	21.3	22
		1	49	19.93	20.47	20.75	22
		25	0	21.13	21.47	21.23	22
		25	13	20.81	21.3	21.17	22
		25	25	20.38	21.01	21.09	22
		50	0	20.74	21.23	21.21	22
	16QAM	1	0	20.99	20.97	20.75	22
		1	25	20.95	21.25	21.14	22
		1	49	19.9	20.41	20.65	22
		25	0	20.77	21.26	21.03	22
		25	13	20.7	21.13	20.98	22
		25	25	20.26	20.86	20.91	22
		50	0	20.62	21.04	20.93	22
	64QAM	1	0	20.47	21.03	20.05	22
		1	25	20.09	20.22	19.98	22
		1	49	20.74	20.87	20.2	22
		25	0	20.02	20.18	19.97	22
		25	13	19.92	20.18	19.66	22
		25	25	19.97	20.1	19.89	22
		50	0	19.97	20.15	19.98	22

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	21.01	21.41	20.95	22
		1	38	20.71	21.32	21.24	22
		1	74	19.85	20.39	20.91	22
		36	0	21.02	21.47	21.14	22
		36	18	20.72	21.31	21.18	22
		36	39	20.11	20.91	21.13	22
		75	0	20.63	21.19	21.1	22
	16QAM	1	0	21.09	21.14	20.87	22
		1	38	20.59	21.19	21.18	22
		1	74	19.74	20.28	20.9	22
		36	0	20.9	21.24	20.95	22
		36	18	20.61	21.13	21.01	22
		36	39	20	20.76	20.96	22
		75	0	20.5	21	20.91	22
	64QAM	1	0	20.49	21.05	20.04	22
		1	38	20.11	20.22	19.98	22
		1	74	20.74	20.88	20.19	22
		36	0	20.03	20.19	19.98	22
		36	18	19.89	20.17	19.7	22
		36	39	19.98	20.09	19.9	22
		75	0	19.98	20.14	19.96	22

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	21.06	21.26	20.51	22
		1	50	19.6	20.57	20.39	22
		1	99	19.92	20.33	21.05	22
		50	0	20.74	21.27	20.61	22
		50	25	20.29	21.11	20.93	22
		50	50	19.96	20.64	20.95	22
		100	0	20.38	20.99	20.85	22
	16QAM	1	0	21.03	21.13	20.59	22
		1	50	19.65	20.57	20.32	22
		1	99	19.91	20.43	21.04	22
		50	0	20.61	21.05	20.6	22
		50	25	20.14	20.9	20.76	22
		50	50	19.79	20.51	20.8	22
		100	0	20.31	20.82	20.68	22
	64QAM	1	0	20.51	21.07	20.1	22
		1	50	20.14	20.28	20.01	22
		1	99	20.77	20.93	20.22	22
		50	0	20.07	20.21	20	22
		50	25	19.94	20.2	19.72	22
		50	50	20	20.12	19.93	22
		100	0	20.01	20.2	20.01	22

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LTE Band 41 Body-worn simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	19.66	19.8	19.73	20.5
		1	13	19.47	19.71	19.8	20.5
		1	24	19.02	19.37	19.44	20.5
		12	0	19.58	19.77	19.79	20.5
		12	6	19.47	19.76	19.79	20.5
		12	13	19.25	19.55	19.65	20.5
		25	0	19.39	19.63	19.45	20.5
	16QAM	1	0	19.7	19.74	19.76	20.5
		1	13	19.63	19.79	19.81	20.5
		1	24	19.15	19.46	19.53	20.5
		12	0	19.44	19.55	19.59	20.5
		12	6	19.32	19.51	19.6	20.5
		12	13	19.11	19.36	19.49	20.5
		25	0	19.28	19.45	19.49	20.5
	64QAM	1	0	18.79	19.15	18.28	20.5
		1	13	18.85	18.34	18.76	20.5
		1	24	18.84	18.52	19.11	20.5
		12	0	18.97	19.13	18.95	20.5
		12	6	18.86	19.1	18.86	20.5
		12	13	18.91	19	18.88	20.5
		25	0	18.92	19.12	18.91	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	19.32	19.46	19.2	20.5
		1	25	19.27	19.71	19.66	20.5
		1	49	18.31	18.81	19.15	20.5
		25	0	19.47	19.76	19.58	20.5
		25	13	19.17	19.64	19.58	20.5
		25	25	18.73	19.35	19.5	20.5
		50	0	19.11	19.57	19.55	20.5
	16QAM	1	0	19.32	19.35	19.14	20.5
		1	25	19.23	19.58	19.52	20.5
		1	49	18.3	18.78	19.09	20.5
		25	0	19.34	19.53	19.44	20.5
		25	13	19.02	19.45	19.37	20.5
		25	25	18.59	19.18	19.29	20.5
		50	0	18.97	19.37	19.35	20.5
	64QAM	1	0	18.77	19.16	18.29	20.5
		1	25	18.86	18.36	18.77	20.5
		1	49	18.86	18.5	19.1	20.5
		25	0	18.97	19.13	18.98	20.5
		25	13	18.87	19.15	18.86	20.5
		25	25	18.91	19.04	18.87	20.5
		50	0	18.95	19.11	18.95	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	19.59	19.78	19.34	20.5
		1	38	19.03	19.66	19.66	20.5
		1	74	18.16	18.81	19.29	20.5
		36	0	19.37	19.83	19.55	20.5
		36	18	19.13	19.71	19.59	20.5
		36	39	18.56	19.32	19.26	20.5
		75	0	18.93	19.55	19.54	20.5
	16QAM	1	0	19.59	19.63	19.29	20.5
		1	38	19.07	19.35	19.61	20.5
		1	74	18.19	18.74	19.3	20.5
		36	0	19.25	19.6	19.4	20.5
		36	18	19	19.53	19.4	20.5
		36	39	18.43	19.15	19.33	20.5
		75	0	18.86	19.34	19.33	20.5
	64QAM	1	0	18.81	19.16	18.29	20.5
		1	38	18.88	18.34	18.79	20.5
		1	74	18.85	18.5	19.07	20.5
		36	0	18.97	19.17	18.98	20.5
		36	18	18.9	19.15	18.86	20.5
		36	39	18.94	19.02	18.87	20.5
		75	0	18.93	19.13	18.91	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	19.39	19.68	18.86	20.5
		1	50	17.9	18.9	18.71	20.5
		1	99	18.15	18.77	19.46	20.5
		50	0	19.13	19.63	19.09	20.5
		50	25	18.58	19.46	19.31	20.5
		50	50	18.19	19.05	19.33	20.5
		100	0	18.75	19.38	19.2	20.5
	16QAM	1	0	19.34	19.49	18.95	20.5
		1	50	17.85	18.83	18.73	20.5
		1	99	18.12	18.85	19.43	20.5
		50	0	18.98	19.42	18.97	20.5
		50	25	18.49	19.33	19.11	20.5
		50	50	18.09	18.93	19.12	20.5
		100	0	18.67	19.23	19.07	20.5
	64QAM	1	0	18.85	19.21	18.35	20.5
		1	50	18.93	18.41	18.84	20.5
		1	99	18.92	18.57	19.15	20.5
		50	0	19.05	19.21	19.02	20.5
		50	25	18.95	19.19	18.92	20.5
		50	50	18.98	19.09	18.94	20.5
		100	0	19	19.18	18.99	20.5

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LTE Band 41 Left Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	17.46	17.43	17.41	19
		1	13	16.94	16.21	16.32	19
		1	24	17.34	17.49	17.55	19
		12	0	17.43	17.32	17.48	19
		12	6	17.38	17.39	17.4	19
		12	13	17.41	17.27	17.4	19
		25	0	17.42	17.31	17.44	19
	16QAM	1	0	17.63	17.31	17.33	19
		1	13	17.34	16.04	16.45	19
		1	24	17.52	17.39	17.59	19
		12	0	17.29	17.3	17.39	19
		12	6	17.06	17.34	17.34	19
		12	13	17.39	17.27	17.4	19
		25	0	17.35	17.38	17.35	19
	64QAM	1	0	17.16	17.32	17.26	19
		1	13	17.15	17.88	17.37	19
		1	24	17.54	17.9	17.35	19
		12	0	17.46	17.61	17.43	19
		12	6	17.39	17.58	17.34	19
		12	13	17.44	17.52	17.39	19
		25	0	17.39	17.58	17.39	19
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	17.39	17.42	17.54	19
		1	25	17.05	16.31	16.34	19
		1	49	17.38	17.5	17.65	19
		25	0	17.34	17.34	17.37	19
		25	13	17.48	17.28	17.36	19
		25	25	17.4	17.37	17.39	19
		50	0	17.37	17.33	17.33	19
	16QAM	1	0	17.55	17.36	17.4	19
		1	25	17.51	16.97	16.46	19
		1	49	17.55	17.31	17.62	19
		25	0	17.39	17.35	17.4	19
		25	13	17.11	17.3	17.45	19
		25	25	17.34	17.29	17.33	19
		50	0	17.38	17.31	17.38	19
	64QAM	1	0	17.17	17.19	17.79	19
		1	25	17.21	17.87	17.43	19
		1	49	17.07	17.5	17.58	19
		25	0	17.48	17.66	17.41	19
		25	13	17.44	17.63	17.39	19
		25	25	17.47	17.53	17.38	19
		50	0	17.44	17.58	17.37	19

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	17.53	17.41	17.47	19
		1	38	17.02	16.27	16.21	19
		1	74	17.41	17.41	17.64	19
		36	0	17.46	17.29	17.4	19
		36	18	17.4	17.3	17.43	19
		36	39	17.43	17.3	17.41	19
		75	0	17.35	17.37	17.32	19
	16QAM	1	0	17.56	17.32	17.42	19
		1	38	16.48	16.02	16.57	19
		1	74	17.48	17.3	17.62	19
		36	0	17.29	17.37	17.44	19
		36	18	17.15	17.33	17.38	19
		36	39	17.41	17.36	17.41	19
		75	0	17.41	17.28	17.4	19
	64QAM	1	0	17.21	17.4	17.33	19
		1	38	17.23	17.93	17.44	19
		1	74	17.62	17.98	17.41	19
		36	0	17.54	17.67	17.5	19
		36	18	17.47	17.66	17.41	19
		36	39	17.51	17.58	17.44	19
		75	0	17.47	17.66	17.44	19

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	17.53	17.55	17.55	19
		1	50	17.08	16.32	16.34	19
		1	99	17.44	17.56	17.7	19
		50	0	17.48	17.44	17.49	19
		50	25	17.48	17.41	17.46	19
		50	50	17.5	17.4	17.48	19
		100	0	17.45	17.44	17.44	19
	16QAM	1	0	17.64	17.45	17.43	19
		1	50	16.14	16.07	16.59	19
		1	99	17.59	17.45	17.66	19
		50	0	17.4	17.42	17.47	19
		50	25	17.18	17.37	17.47	19
		50	50	17.42	17.4	17.43	19
		100	0	17.42	17.41	17.44	19
	64QAM	1	0	17.22	17.26	17.82	19
		1	50	17.26	17.91	17.5	19
		1	99	17.11	17.53	17.64	19
		50	0	17.54	17.69	17.48	19
		50	25	17.47	17.67	17.43	19
		50	50	17.5	17.58	17.43	19
		100	0	17.47	17.65	17.43	19

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LTE Band 41 Left Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	15.84	15.76	15.98	17.5
		1	13	15.31	15.97	16.07	17.5
		1	24	15.95	15.97	16.04	17.5
		12	0	15.88	15.8	15.92	17.5
		12	6	15.88	15.67	15.92	17.5
		12	13	15.87	15.89	15.98	17.5
		25	0	15.89	15.54	16.04	17.5
	16QAM	1	0	15.88	15.83	15.95	17.5
		1	13	15.82	15.7	15.69	17.5
		1	24	16	15.91	15.79	17.5
		12	0	15.82	15.68	15.67	17.5
		12	6	15.76	15.55	15.88	17.5
		12	13	15.77	15.8	15.92	17.5
		25	0	15.82	15.54	15.9	17.5
	64QAM	1	0	15.59	16.04	15.23	17.5
		1	13	14.95	15.21	15.21	17.5
		1	24	15.57	15.6	15.52	17.5
		12	0	15.26	16.02	15.89	17.5
		12	6	15.86	15.93	15.67	17.5
		12	13	15.9	15.96	15.56	17.5
		25	0	15.9	16.07	15.89	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	15.86	15.72	16.01	17.5
		1	25	15.2	15.98	16.08	17.5
		1	49	16	15.96	16.01	17.5
		25	0	15.9	15.7	15.88	17.5
		25	13	15.86	15.64	15.92	17.5
		25	25	15.91	15.91	16.01	17.5
		50	0	15.91	15.68	15.91	17.5
	16QAM	1	0	15.81	15.81	15.88	17.5
		1	25	15.81	15.63	15.65	17.5
		1	49	16.02	15.86	15.75	17.5
		25	0	15.75	15.71	15.66	17.5
		25	13	15.72	15.62	15.87	17.5
		25	25	15.78	15.84	15.85	17.5
		50	0	15.85	15.55	15.81	17.5
	64QAM	1	0	14.68	15.84	14.62	17.5
		1	25	14.63	14.92	14.75	17.5
		1	49	15.39	15.11	14.97	17.5
		25	0	15.95	16.11	15.66	17.5
		25	13	15.9	15.94	15.74	17.5
		25	25	15.88	15.99	15.65	17.5
		50	0	15.86	16.07	15.86	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	15.75	15.76	15.98	17.5
		1	38	15.26	16.01	16.01	17.5
		1	74	16	15.99	16.08	17.5
		36	0	15.84	15.69	15.9	17.5
		36	18	15.87	15.67	15.97	17.5
		36	39	15.85	15.87	15.95	17.5
		75	0	15.89	15.56	15.93	17.5
	16QAM	1	0	15.78	15.78	15.95	17.5
		1	38	15.93	15.67	15.61	17.5
		1	74	15.94	15.9	15.66	17.5
		36	0	15.74	15.59	15.61	17.5
		36	18	15.72	15.51	15.79	17.5
		36	39	15.86	15.77	15.97	17.5
		75	0	15.87	15.53	15.94	17.5
	64QAM	1	0	14.77	15.95	14.73	17.5
		1	38	14.73	15.01	14.83	17.5
		1	74	15.48	15.19	15.05	17.5
		36	0	16.02	16.18	15.73	17.5
		36	18	15.97	16.05	15.82	17.5
		36	39	15.98	16.08	15.72	17.5
		75	0	15.96	16.17	15.95	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	15.89	15.83	16.04	17.5
		1	50	15.35	16.02	16.12	17.5
		1	99	16.01	16.02	16.14	17.5
		50	0	15.94	15.81	16.01	17.5
		50	25	15.93	15.73	16.03	17.5
		50	50	15.95	15.91	16.06	17.5
		100	0	16	15.69	16.04	17.5
	16QAM	1	0	15.9	15.91	15.96	17.5
		1	50	15.95	15.74	15.73	17.5
		1	99	16.06	15.99	15.79	17.5
		50	0	15.88	15.73	15.72	17.5
		50	25	15.86	15.65	15.94	17.5
		50	50	15.89	15.88	15.99	17.5
		100	0	15.92	15.59	15.94	17.5
	64QAM	1	0	15.66	16.15	15.32	17.5
		1	50	15.02	15.32	15.32	17.5
		1	99	15.66	15.66	15.61	17.5
		50	0	15.32	16.13	15.99	17.5
		50	25	15.94	16.02	15.75	17.5
		50	50	15.98	16.07	15.66	17.5
		100	0	16	16.13	15.96	17.5

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LTE Band 41 Right Head simultaneously transmit with 2.4G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	13.49	13.78	12.94	14
		1	13	13.25	13.93	13.84	14
		1	24	12.4	13.04	13.68	14
		12	0	12.92	13.89	12.94	14
		12	6	12.27	13.47	13.05	14
		12	13	12.07	13.08	13.23	14
		25	0	12.46	13.45	13.13	14
	16QAM	1	0	13.66	13.68	12.93	14
		1	13	13.4	13.8	13.81	14
		1	24	12.27	13.06	13.56	14
		12	0	12.83	13.79	12.97	14
		12	6	12.19	13.36	13.02	14
		12	13	12.02	13.08	13.23	14
		25	0	12.37	13.33	13.03	14
	64QAM	1	0	13.31	13.98	12.94	14
		1	13	13.05	13.95	13.97	14
		1	24	12.05	12.61	12.93	14
		12	0	12.64	13.67	13.08	14
		12	6	12.06	13.38	13.26	14
		12	13	11.8	12.94	13.07	14
		25	0	12.35	13.2	13.11	14
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	13.63	13.78	12.98	14
		1	25	13.3	13.97	13.83	14
		1	49	12.31	13.12	13.65	14
		25	0	12.9	13.84	13	14
		25	13	12.35	13.48	13.11	14
		25	25	12.08	13.14	13.3	14
		50	0	12.46	13.34	13.13	14
	16QAM	1	0	13.57	13.73	12.9	14
		1	25	13.37	13.93	13.78	14
		1	49	12.28	12.99	13.55	14
		25	0	12.91	13.71	12.95	14
		25	13	12.17	13.25	13.1	14
		25	25	12.02	13.03	13.16	14
		50	0	12.42	13.23	13.02	14
	64QAM	1	0	13.34	13.98	13.01	14
		1	25	13.08	13.96	13.99	14
		1	49	12.09	12.67	13.04	14
		25	0	12.67	13.66	13.08	14
		25	13	12.01	13.43	13.32	14
		25	25	11.86	12.93	13.08	14
		50	0	12.36	13.21	13.12	14

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	13.54	13.69	12.89	14
		1	38	13.33	13.9	13.8	14
		1	74	12.36	13.01	13.56	14
		36	0	13.01	13.79	13.04	14
		36	18	12.25	13.42	13.06	14
		36	39	12.13	13.1	13.28	14
		75	0	12.54	13.4	13.02	14
	16QAM	1	0	13.62	13.67	13.03	14
		1	38	13.41	13.79	13.82	14
		1	74	12.28	12.99	13.63	14
		36	0	12.86	13.73	12.84	14
		36	18	12.29	13.25	12.99	14
		36	39	11.96	13.09	13.2	14
		75	0	12.41	13.22	12.97	14
	64QAM	1	0	13.42	14.05	13.08	14
		1	38	13.22	14.03	14.06	14
		1	74	12.17	12.81	13.18	14
		36	0	12.75	13.79	13.22	14
		36	18	12.14	13.51	13.41	14
		36	39	11.94	13.03	13.19	14
		75	0	12.46	13.34	13.25	14

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	13.64	13.84	13	14
		1	50	13.36	13.97	13.87	14
		1	99	12.4	13.15	13.68	14
		50	0	13.05	13.93	13.04	14
		50	25	12.39	13.5	13.15	14
		50	50	12.18	13.18	13.32	14
		100	0	12.6	13.45	13.16	14
	16QAM	1	0	13.71	13.75	13.03	14
		1	50	13.5	13.94	13.89	14
		1	99	12.38	13.1	13.69	14
		50	0	12.93	13.82	12.98	14
		50	25	12.32	13.4	13.1	14
		50	50	12.06	13.09	13.27	14
		100	0	12.45	13.36	13.09	14
	64QAM	1	0	13.4	14.08	13	14
		1	50	13.16	14.06	14.08	14
		1	99	12.12	12.69	12.99	14
		50	0	12.71	13.75	13.17	14
		50	25	12.14	13.48	13.36	14
		50	50	11.9	13	13.15	14
		100	0	12.43	13.31	13.22	14

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LTE Band 41 Right Head simultaneously transmit with 5G WIFI				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	12.32	12.3	12.46	12.5
		1	13	12.05	12.01	12.41	12.5
		1	24	11.64	11.65	12.41	12.5
		12	0	12.26	12.24	12.47	12.5
		12	6	12.17	12.03	12.44	12.5
		12	13	11.9	11.84	12.36	12.5
		25	0	12	11.96	12.39	12.5
	16QAM	1	0	12.35	12.35	12.47	12.5
		1	13	12.07	12.14	12.48	12.5
		1	24	11.72	11.77	12.39	12.5
		12	0	12.17	12.13	12.48	12.5
		12	6	12.09	11.91	12.45	12.5
		12	13	11.81	11.74	12.43	12.5
		25	0	11.97	11.9	12.41	12.5
	64QAM	1	0	12.15	12.45	11.6	12.5
		1	13	12	12.22	12.26	12.5
		1	24	10.58	11.24	11.71	12.5
		12	0	11.23	12.32	11.75	12.5
		12	6	10.67	12.07	12.03	12.5
		12	13	10.48	11.6	11.81	12.5
		25	0	10.95	11.87	11.89	12.5
Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	11.72	12.18	12.23	12.5
		1	25	11.56	12.1	12.46	12.5
		1	49	10.62	11.18	12.37	12.5
		25	0	12.06	12.34	12.44	12.5
		25	13	11.33	12.01	12.38	12.5
		25	25	10.86	11.7	12.32	12.5
		50	0	11.29	11.96	12.31	12.5
	16QAM	1	0	12.08	12.11	12.15	12.5
		1	25	11.82	12	12.41	12.5
		1	49	10.63	11.04	12.25	12.5
		25	0	11.98	12.13	12.46	12.5
		25	13	11.21	11.79	12.4	12.5
		25	25	10.77	11.47	12.33	12.5
		50	0	11.18	11.74	12.31	12.5
	64QAM	1	0	11.97	12.46	11.69	12.5
		1	25	11.9	11.97	12.05	12.5
		1	49	10.59	11.24	11.73	12.5
		25	0	11.29	12.42	11.83	12.5
		25	13	10.8	12.15	12.11	12.5
		25	25	10.58	11.67	11.87	12.5
		50	0	10.85	11.98	11.96	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	12.2	12.19	12.07	12.5
		1	38	11.19	12	12.42	12.5
		1	74	10.13	10.98	12.4	12.5
		36	0	11.55	12.33	12.34	12.5
		36	18	11.18	12.02	12.13	12.5
		36	39	10.55	11.52	12.45	12.5
		75	0	11.03	11.91	12.43	12.5
	16QAM	1	0	12.19	12.38	12.09	12.5
		1	38	11.18	11.93	12.47	12.5
		1	74	10.06	10.96	12.37	12.5
		36	0	11.45	12.19	12.23	12.5
		36	18	11.07	11.89	12.25	12.5
		36	39	10.44	11.39	12.44	12.5
		75	0	10.91	11.79	12.34	12.5
	64QAM	1	0	12.28	12.56	11.74	12.5
		1	38	12.12	12.15	11.98	12.5
		1	74	10.7	11.36	11.81	12.5
		36	0	11.33	12.4	11.87	12.5
		36	18	10.81	12.17	12.12	12.5
		36	39	10.6	11.68	11.9	12.5
		75	0	11.06	11.98	11.97	12.5

Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	12.46	12.42	11.62	12.5
		1	50	10.69	11.51	11.77	12.5
		1	99	10.63	11.17	12.44	12.5
		50	0	11.86	12.18	11.98	12.5
		50	25	10.91	11.8	12.24	12.5
		50	50	10.53	11.28	12.4	12.5
		100	0	11.06	11.73	12.12	12.5
	16QAM	1	0	12.43	12.38	11.89	12.5
		1	50	10.72	11.53	11.9	12.5
		1	99	10.68	11.21	12.49	12.5
		50	0	11.76	12.18	11.89	12.5
		50	25	10.79	11.81	12.15	12.5
		50	50	10.42	11.29	12.31	12.5
		100	0	10.95	11.74	12.03	12.5
	64QAM	1	0	12.04	12.51	11.74	12.5
		1	50	11.96	12.12	12.07	12.5
		1	99	10.64	11.28	11.81	12.5
		50	0	11.37	12.47	11.91	12.5
		50	25	10.86	12.24	12.16	12.5
		50	50	10.64	11.74	11.96	12.5
		100	0	10.89	12.05	12.02	12.5

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8.1.1 Conducted Power of Downlink LTE CA

In this section, the following conducted power measurement results of downlink LTE carrier aggregation are provided to quantify downlink only carrier aggregation SAR test exclusion per KDB 941225 D05A. Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

Power test equipment: R&S Radio Communication Tester CMW500 and/or Anritsu Radio Communication Analyzer MT8821C were used.
The device supports Rel. 11 downlink only LTE Carrier Aggregation and certain network enhancement features (UE Category: cat 5). It supports a maximum of 2 carriers in the downlink. Other Release 11 or higher features are not supported, including Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101 The detailed conducted power measurement results of downlink LTE CA are provided in the SAR report per 3GPP TS 36.521. According to KDB 941225 D05A, the downlink only carrier aggregation conditions for this device can be excluded from SAR testing and PAG requirements.

intra-band contiguous CA (per 3GPP TS 36.101 Table 5.6A.1-1)

E-UTRA CA configuration	Component carriers in order of increasing carrier frequency		Maximum aggregated bandwidth [MHz]	Bandwidth combination set
	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]		
CA_41C	10	20	40	0
	15	15, 20		
	20	10, 15, 20		

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Initial Conditions						
Test Environment as specified in TS 36.508[7] subclause 4.1	NC[, TL/VL, TL/VH, TH/VL, TH/VH]					
Test Frequencies as specified in TS36.508 [7] subclause 4.3.1 for different CA bandwidth classes.	A: Mid range for PCC and SCC					
Test CC Combination setting (NRB_agg) as specified in subclause 5.4.2A.1 for the CA Configuration	Lowest NRB_agg Highest NRB_agg					
Test Parameters for CA Configurations						
CA Configuration / NRB_agg		DL Allocation		UL Allocation		
PCC NRB	SCCs NRB	PCC & SCC RB allocation	CC MOD	NRB_alloc	PCC RB allocations (LCRB @ RBstart)	
6	25	N/A for this test	QPSK	5	P_5@0	-
15	25		QPSK	4	P_4@0	-
25	50		QPSK	8	P_8@0	-
50	75		QPSK	12	P_12@0	-
75	100		QPSK	16	P_16@0	-
100	75		QPSK	18	P_18@0	-
Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-1						

The conducted power measurement results of downlink LTE CA Conducted Power are as below, so the downlink only carrier aggregation conditions for this device can be excluded from SAR testing

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2CC Intra-Band												
Antenna1												
Full PowerAntenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	955	23.73	23.76
CA_5B	Band 5	10M	829	20450	1	0	Band 5	5M	884	2550	23.96	23.92
CA_7C	Band 7	20M	2510	20850	1	0	Band 7	20M	2649.8	3048	22.2	22.14
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	23.91	23.98
CA_38C	Band 38	15M	2612.5	38175	1	0	Band 38	15M	2597.5	38025	23.43	23.46
CA_41C	Band 41	15M	2647.5	41165	1	0	Band 41	20M	2632.5	41014	23.57	23.54
hotspot actived reduced power Antenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	955	18.43	18.44
CA_7C	Band 7	20M	2560	21350	1	0	Band 7	20M	2660	3152	17.58	17.76
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	20M	2590.2	37952	22.02	22.27
CA_41C	Band 41	20M	2555	40240	1	99	Band 41	10M	2574.8	40438	22.38	22.4
sensor on reduced power Antenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1860	18700	1	0	Band 2	20M	1980	1100	18.46	18.44
CA_7C	Band 7	20M	2510	20850	1	0	Band 7	20M	2660	3152	21.77	21.83

Antenna2												
Full Power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	956	24.07	24.12
CA_5B	Band 5	10M	829	20450	1	0	Band 5	5M	884	2550	23.43	23.58
CA_7C	Band 7	20M	2560	21350	1	0	Band 7	20M	2660	3152	16.11	16.21
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	23.88	23.95
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	23.9	23.88
CA_41C	Band 41	20M	2645	41140	1	0	Band 41	20M	2625.2	40942	22.98	23.08
Left Head reduced power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1860	18700	1	0	Band 2	20M	1959.8	898	20.48	20.47
CA_5B	Band 5	10M	844	20600	25	25	Band 5	5M	879.1	2501	17.86	17.88
CA_7C	Band 7	20M	2510	20850	1	0	Band 7	20M	2649.8	3048	15.56	15.61
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	21.12	21.01
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	20.36	20.43
CA_41C	Band 41	20M	2645	41140	1	0	Band 41	20M	2625.2	40942	20.03	20.12
Right Head reduced power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1860	18700	1	0	Band 2	20M	1959.8	898	15.97	16.04
CA_5B	Band 5	10M	829	20450	25	0	Band 5	5M	884	2550	17.28	17.32
CA_7C	Band 7	20M	2510	20850	1	99	Band 7	20M	2649.8	3048	11.82	11.99
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	21.43	21.37
CA_38C	Band 38	20M	2580	37850	1	0	Band 38	15M	2599.8	38048	15.61	15.58
CA_41C	Band 41	20M	2645	41140	1	0	Band 41	20M	2625.2	40942	15.44	15.46

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hotspot actived for 2.4G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	956	21.61	21.97
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	21.38	21.49
CA_7C	Band 7	20M	2510	20850	1	99	Band 7	20M	2649.8	3048	13.79	13.81
CA_12C	Band 12	10M	711	23130	25	0	Band 12	10M	733.8	5058	21.29	21.35
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	21.71	21.72
CA_41C	Band 41	20M	2645	41140	100	0	Band 41	20M	2625.2	40942	20.7	20.73
hotspot actived for 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1860	18700	100	0	Band 2	20M	1980	1100	20.41	20.47
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	19.82	19.98
CA_7C	Band 7	20M	2510	20850	1	99	Band 7	20M	2649.8	3048	12.17	12.29
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	19.88	19.98
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	20.12	20.06
CA_41C	Band 41	20M	2645	41140	50	25	Band 41	20M	2625.2	40942	19.13	19.09
Body-worn simultaneously transmit with 2.4G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	100	0	Band 2	20M	1965.6	956	20.75	20.91
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	21.33	21.48
CA_7C	Band 7	20M	2510	20850	50	50	Band 7	20M	2649.8	3048	13.77	13.81
CA_12C	Band 12	10M	711	23130	25	0	Band 12	10M	733.8	5058	21.23	21.35
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	21.49	21.61
CA_41C	Band 41	20M	2555	40240	50	25	Band 41	10M	2574.8	40438	21.13	21.06
Body-worn simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1860	18700	50	0	Band 2	20M	1980	1100	20.16	20.47
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	19.81	19.96
CA_7C	Band 7	20M	2510	20850	1	99	Band 7	20M	2649.8	3048	12.16	12.32
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	19.97	19.9
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	19.87	19.89
CA_41C	Band 41	20M	2555	40240	1	0	Band 41	10M	2574.8	40438	19.27	19.39
Left Head simultaneously transmit with 2.4G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	50	50	Band 2	20M	1965.6	956	17.86	17.88
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	18.34	18.3
CA_7C	Band 7	20M	2510	20850	50	0	Band 7	20M	2649.8	3048	13.36	13.41
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	18.32	18.37
CA_38C	Band 38	20M	2610	38150	1	0	Band 38	15M	2590.2	37952	17.52	17.55
CA_41C	Band 41	20M	2645	41140	1	99	Band 41	20M	2625.2	40942	17.54	17.7
Left Head simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	99	Band 2	20M	1965.6	956	16.36	16.42
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	16.65	16.78
CA_7C	Band 7	20M	2510	20850	1	0	Band 7	20M	2649.8	3048	11.82	11.89
CA_12C	Band 12	10M	711	23130	1	0	Band 12	10M	733.8	5058	17.01	17.04
CA_38C	Band 38	20M	2610	38150	50	50	Band 38	15M	2590.2	37952	15.98	16.05
CA_41C	Band 41	20M	2645	41140	1	99	Band 41	20M	2625.2	40942	16.01	16.14

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Right Head simultaneously transmit with 2.4G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	956	13.37	13.74
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	17.65	17.76
CA_7C	Band 7	20M	2560	21350	1	0	Band 7	20M	2660.5	3152	9.36	9.48
CA_12C	Band 12	10M	711	23130	1	0	Banc 12	10M	733.8	5058	18.84	18.88
CA_38C	Band 38	20M	2610	38150	1	0	Banc 38	15M	2590.2	37952	12.62	12.95
CA_41C	Band 41	20M	2645	41140	1	50	Banc 41	20M	2625.2	40942	13.63	13.87
Right Head simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2C	Band 2	20	1900	19100	1	0	Band 2	20M	1965.6	956	12.13	12.47
CA_5B	Band 5	10M	829	20450	1	25	Band 5	5M	884	2550	16.39	16.38
CA_7C	Band 7	20M	2510	20850	100	0	Band 7	20M	2649.8	3048	7.87	7.93
CA_12C	Band 12	10M	711	23130	1	0	Banc 12	10M	733.8	5058	17.49	17.51
CA_38C	Band 38	20M	2610	38150	1	0	Banc 38	15M	2590.2	37952	11.21	11.45
CA_41C	Band 41	20M	2555	40240	1	0	Banc 41	10M	2574.8	40438	12.42	12.46

2CC Inter-Band												
Full Power Antenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20M	1900	19100	1	0	Band 5	10M	874	2450	23.68	23.76
CA_5A-2A	Band 5	10M	829	20450	1	0	Band 2	20	1980	1100	23.88	23.92
CA_2A-12A/B	Band 2	20M	1900	19100	1	0	Band 12	10M	741	5130	23.72	23.76
CA_2A-17A	Band 2	10M	1855	18650	1	0	Band 17	10M	741	5800	23.27	23.26
CA_4A-5A	Band 4	20M	1745	20300	1	0	Band 5	10M	874	2450	23.33	23.37
CA_5A-4A	Band 5	10M	829	20450	1	0	Band 4	20	2145	2300	23.98	23.92
CA_4A-12A/B	Band 4	20M	1745	20300	1	0	Band 12	10M	741	5130	23.11	23.37
CA_4A-17A	Band 4	20M	1745	20300	1	0	Band 17	10M	741	5800	23.14	23.37
CA_5A-7A	Band 5	10M	829	20450	1	0	Band 7	20M	2630	2850	23.79	23.92
CA_7A-5A	Band 7	20M	2510	20850	1	0	Band 5	10M	874	2450	21.97	22.14
CA_7A-12A	Band 7	20M	2510	20850	1	0	Band 12	10M	741	5130	22.01	22.14
hotspot actived reduced power Antenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	18.36	18.44
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	18.34	18.44
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	18.34	18.44
CA_4A-12A/B	Band 4	20	1745	20300	1	99	Band 12	10M	741	5130	18.08	18.22
CA_4A-17A	Band 4	10	1732.5	20175	1	0	Band 17	10M	741	5800	18.13	18.22
CA_7A-12A	Band 7	20M	2560	21350	1	99	Band 12	10M	741	5130	17.75	17.92

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sensor on reduced power Antenna1												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1860	18700	1	50	Band 5	10M	874	2450	21.13	21.21
CA_2A-12A/B	Band 2	20	1860	18700	1	50	Band 12	10M	741	5130	21.08	21.21
CA_2A-17A	Band 2	20	1860	18700	1	50	Band 17	10M	741	5800	21.06	21.21
CA_4A-12A/B	Band 4	20	1745	20300	1	0	Band 12	10M	741	5130	20.48	21
CA_4A-17A	Band 4	10	1732.5	20175	1	0	Band 17	10M	741	5800	20.59	21
CA_7A-12A	Band 7	20M	2510	20850	1	99	Band 12	10M	741	5130	21.82	21.95
Antenna2												
Full Power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	24.19	24.12
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	23.87	23.82
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	24.13	24.12
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	24.08	24.12
CA_4A-5A	Band 4	20	1745	20300	1	0	Band 5	10M	874	2450	21.33	21.25
CA_5A-4A	Band 5	10M	829	20450	1	25	Band 4	20	2145	2300	23.71	23.82
CA_4A-12A/B	Band 4	20	1745	20300	1	0	Band 12	10M	741	5130	21.07	21.25
CA_4A-17A	Band 4	20M	1732.5	20175	1	0	Band 17	10M	741	5800	21.03	21.25
CA_5A-7A	Band 5	10M	829	20450	1	25	Band 7	20M	2560	21350	23.74	23.82
CA_7A-5A	Band 7	20M	2560	21350	1	0	Band 5	10M	874	2450	16.1	16.21
CA_7A-12A	Band 7	20M	2560	21350	1	0	Band 12	10M	741	5130	16.14	16.21
Left Head reduced power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1860	18700	1	0	Band 5	10M	889	2600	20.49	20.47
CA_5A-2A	Band 5	10M	844	20600	25	25	Band 2	20	1980	1100	17.63	17.88
CA_2A-12A/B	Band 2	20	1860	18700	1	0	Band 12	10M	741	5130	20.36	20.47
CA_2A-17A	Band 2	20	1860	18700	1	0	Band 17	10M	741	5800	20.38	20.47
CA_4A-5A	Band 4	20	1720	20050	1	50	Band 5	10M	889	2600	21.27	21.25
CA_5A-4A	Band 5	10M	844	20600	25	25	Band 4	20	2145	2300	17.92	17.88
CA_4A-12A/B	Band 4	20	1745	20300	1	0	Band 12	10M	741	5130	21.31	21.25
CA_4A-17A	Band 4	10	1732.5	20175	1	0	Band 17	10M	741	5800	21.33	21.25
CA_5A-7A	Band 5	10M	844	20600	25	25	Band 7	20M	2560	21350	17.73	17.88
CA_7A-5A	Band 7	20M	2560	21350	1	99	Band 5	10M	889	2600	15.73	15.8
CA_7A-12A	Band 7	20M	2560	21350	1	99	Band 12	10M	741	5130	15.61	15.8
Right Head reduced power Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1860	18700	1	0	Band 5	10M	874	2450	16.02	16.04
CA_5A-2A	Band 5	10M	829	20450	25	0	Band 2	20	1980	1100	17.24	17.32
CA_2A-12A/B	Band 2	20	1860	18700	1	0	Band 12	10M	741	5130	16.11	16.04
CA_2A-17A	Band 2	20	1860	18700	1	0	Band 17	10M	741	5800	16.01	16.04
CA_4A-5A	Band 4	20	1720	20050	1	50	Band 5	10M	874	2450	18.99	18.97
CA_5A-4A	Band 5	10M	829	20450	25	0	Band 4	20	2145	2300	17.22	17.32
CA_4A-12A/B	Band 4	20	1720	20050	1	50	Band 12	10M	741	5130	18.85	18.97
CA_4A-17A	Band 4	20	1720	20050	1	50	Band 17	10M	741	5800	18.87	18.97
CA_5A-7A	Band 5	10M	829	20450	25	0	Band 7	20M	2630	2850	17.41	17.32
CA_7A-5A	Band 7	20M	2510	20850	1	99	Band 5	10M	874	2450	11.88	11.99
CA_7A-12A	Band 7	20M	2510	20850	1	99	Band 12	10M	741	5130	11.87	11.99

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hotspot actived for 2.4G WIFI Antenna2												
	PCC						SCC				Power	
DL LTE CA Class	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	21.73	21.97
CA_5A-2A	Band 5	10M	829	20450	1	0	Band 2	20	1980	1100	21.51	21.49
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	22.01	21.97
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	21.93	21.97
CA_4A-5A	Band 4	20	1720	20050	1	50	Band 5	10M	874	2450	17.77	17.72
CA_5A-4A	Band 5	10M	829	20450	1	0	Band 4	20	2145	2300	21.5	21.49
CA_4A-12A/B	Band 4	20	1720	20050	1	50	Band 12	10M	741	5130	17.63	17.72
CA_4A-17A	Band 4	20	1720	20050	1	50	Band 17	10M	741	5800	17.66	17.72
CA_5A-7A	Band 5	10M	829	20450	1	0	Band 7	20M	2630	2850	21.48	21.49
CA_7A-5A	Band 7	20M	2510	20850	1	99	Band 5	10M	874	2450	13.73	13.81
CA_7A-12A	Band 7	20M	2510	20850	1	99	Band 12	10M	741	5130	13.79	13.81
hotspot actived for 5G WIFI Antenna2												
	PCC						SCC				Power	
DL LTE CA Class	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1860	18700	100	0	Band 5	10M	874	2450	20.33	20.47
CA_5A-2A	Band 5	10M	829	20450	1	0	Band 2	20	1940	700	19.89	19.98
CA_2A-12A/B	Band 2	20	1860	18700	100	0	Band 12	10M	741	5130	20.49	20.47
CA_2A-17A	Band 2	20	1860	18700	100	0	Band 17	10M	741	5800	20.5	20.47
CA_4A-5A	Band 4	10	1732.5	20175	50	0	Band 5	10M	874	2450	17.51	17.45
CA_5A-4A	Band 5	10M	829	20450	1	0	Band 4	20	2132.5	2175	19.92	19.98
CA_4A-12A/B	Band 4	10	1732.5	20175	50	0	Band 12	10M	741	5130	17.57	17.45
CA_4A-17A	Band 4	10	1732.5	20175	50	0	Band 17	10M	741	5800	17.53	17.45
CA_5A-7A	Band 5	10M	829	20450	1	0	Band 7	20M	2630	2850	20.01	19.98
CA_7A-5A	Band 7	20M	2510	20850	1	99	Band 5	10M	874	2450	12.01	12.29
CA_7A-12A	Band 7	20M	2510	20850	1	99	Band 12	10M	741	5130	11.92	12.29

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Body-worn simultaneously transmit with 2.4G WIFIAntenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	20.83	20.91
CA_5A-2A	Band 5	10M	829	20450	1	0	Band 2	20	1980	1100	21.39	21.48
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	20.76	20.91
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	20.93	20.91
CA_4A-5A	Band 4	20	1720	20050	1	50	Band 5	10M	874	2450	17.42	17.59
CA_5A-4A	Band 5	10M	829	20450	1	0	Band 4	20	2145	2300	21.31	21.48
CA_4A-12A/B	Band 4	20	1720	20050	1	50	Band 12	10M	741	5130	17.64	17.59
CA_4A-17A	Band 4	20	1720	20050	1	50	Band 17	10M	741	5800	17.58	17.59
CA_5A-7A	Band 5	10M	829	20450	1	0	Band 7	20M	2630	2850	21.13	21.48
CA_7A-5A	Band 7	20M	2510	20850	50	50	Band 5	10M	874	2450	13.71	13.81
CA_7A-12A	Band 7	20M	2510	20850	50	50	Band 12	10M	741	5130	13.66	13.81
Body-worn simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1860	18700	50	0	Band 5	10M	874	2450	20.37	20.47
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	19.93	19.96
CA_2A-12A/B	Band 2	20	1860	18700	50	0	Band 12	10M	741	5130	20.39	20.47
CA_2A-17A	Band 2	20	1860	18700	50	0	Band 17	10M	741	5800	20.44	20.47
CA_4A-5A	Band 4	20	1720	20050	50	0	Band 5	10M	874	2450	17.21	17.14
CA_5A-4A	Band 5	10M	829	20450	1	25	Band 4	20	2145	2300	19.76	19.96
CA_4A-12A/B	Band 4	20	1720	20050	50	0	Band 12	10M	741	5130	17.01	17.14
CA_4A-17A	Band 4	20	1720	20050	50	0	Band 17	10M	741	5800	17.12	17.14
CA_5A-7A	Band 5	10M	829	20450	1	25	Band 7	20M	2630	2850	19.88	19.96
CA_7A-5A	Band 7	20M	2510	20850	1	99	Band 5	10M	874	2450	12.16	12.32
CA_7A-12A	Band 7	20M	2510	20850	1	99	Band 12	10M	741	5130	12.21	12.32

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Left Head simultaneously transmit with 2.4G Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	50	50	Band 5	10M	874	2450	17.66	17.88
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	18.25	18.3
CA_2A-12A/B	Band 2	20	1900	19100	50	50	Band 12	10M	741	5130	17.89	17.88
CA_2A-17A	Band 2	20	1900	19100	50	50	Band 17	10M	741	5800	17.83	17.88
CA_4A-5A	Band 4	20	1745	20300	1	0	Band 5	10M	874	2450	17.41	17.52
CA_5A-4A	Band 5	10M	829	20450	1	25	Band 4	20	2145	2300	18.19	18.3
CA_4A-12A/B	Band 4	20	1745	20300	1	0	Band 12	10M	741	5130	17.43	17.52
CA_4A-17A	Band 4	20	1745	20300	1	0	Band 17	10M	741	5800	17.44	17.52
CA_5A-7A	Band 5	10M	829	20450	1	25	Band 7	20M	2630	2850	18.28	18.3
CA_7A-5A	Band 7	20M	2510	20850	50	0	Band 5	10M	874	2450	13.25	13.41
CA_7A-12A	Band 7	20M	2510	20850	50	0	Band 12	10M	741	5130	13.33	13.41
Left Head simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	16.37	16.42
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	16.86	16.78
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	16.44	16.42
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	16.41	16.42
CA_4A-5A	Band 4	20	1720	20050	1	50	Band 5	10M	874	2450	16.04	16.01
CA_5A-4A	Band 5	10M	829	20450	1	25	Band 4	20	2145	2300	16.77	16.78
CA_4A-12A/B	Band 4	20	1720	20050	1	50	Band 12	10M	741	5130	15.99	16.01
CA_4A-17A	Band 4	20	1720	20050	1	50	Band 17	10M	741	5800	15.97	16.01
CA_5A-7A	Band 5	10M	829	20450	1	25	Band 7	20M	2630	2850	16.73	16.78
CA_7A-5A	Band 7	20M	2510	20850	1	0	Band 5	10M	874	2450	11.87	11.89
CA_7A-12A	Band 7	20M	2510	20850	1	0	Band 12	10M	741	5130	11.81	11.89

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Right Head simultaneously transmit with 2.4G Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	13.62	13.74
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	17.59	17.78
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	13.7	13.74
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	13.66	13.74
CA_4A-5A	Band 4	20	1720	20050	50	0	Band 5	10M	874	2450	15.73	15.7
CA_5A-4A	Band 5	10M	829	20450	1	0	Band 4	20	2145	2300	17.68	17.78
CA_4A-12A/B	Band 4	20	1720	20050	50	0	Band 12	10M	741	5130	15.59	15.7
CA_4A-17A	Band 4	20	1720	20050	50	0	Band 17	10M	741	5800	15.57	15.7
CA_5A-7A	Band 5	10M	829	20450	1	0	Band 7	20M	2630	2850	17.76	17.78
CA_7A-5A	Band 7	20M	2560	21350	1	0	Band 5	10M	874	2450	9.35	9.48
CA_7A-12A	Band 7	20M	2560	21350	1	0	Band 12	10M	741	5130	9.31	9.48
Right Head simultaneously transmit with 5G WIFI Antenna2												
DL LTE CA Class	PCC						SCC				Power	
	LTE Band	BW (MHz)	Freq (MHz)	Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	Freq (MHz)	Channel	LTE Rel 10 Tx Power(dBm)	LTE Rel 8 Tx Power(dBm)
CA_2A-5A	Band 2	20	1900	19100	1	0	Band 5	10M	874	2450	12.21	12.47
CA_5A-2A	Band 5	10M	829	20450	1	25	Band 2	20	1980	1100	16.33	16.38
CA_2A-12A/B	Band 2	20	1900	19100	1	0	Band 12	10M	741	5130	12.44	12.47
CA_2A-17A	Band 2	10	1855	18650	1	0	Band 17	10M	741	5800	12.38	12.47
CA_4A-5A	Band 4	20	1720	20050	1	0	Band 5	10M	874	2450	14.33	14.32
CA_5A-4A	Band 5	10M	829	20450	1	25	Band 4	20	2145	2300	16.09	16.38
CA_4A-12A/B	Band 4	20	1720	20050	1	0	Band 12	10M	741	5130	14.31	14.32
CA_4A-17A	Band 4	20	1720	20050	1	0	Band 17	10M	741	5800	14.21	14.32
CA_5A-7A	Band 5	10M	829	20450	1	25	Band 7	20M	2630	2850	16.32	16.38
CA_7A-5A	Band 7	20M	2510	20850	100	0	Band 5	10M	874	2450	7.53	7.93
CA_7A-12A	Band 7	20M	2510	20850	100	0	Band 12	10M	741	5130	7.62	7.93

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3CC Intra-Band

Full Power Antenna1

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	23.32	23.33

hotspot actived reduced power Antenna1

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2555	40240	1	99	Band 41	20M	2574.8	40438	Band 41	15M	2591.9	40609	22.33	22.4

Full Power Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	23.85	23.88

Left Head reduced power Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	99	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	20.28	20.33

Right Head reduced power Antenna2

	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	50	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	15.88	15.91

hotspot actived for 2.4G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	21.22	21.24

hotspot actived for 5G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	19.46	19.55

Body-worn simultaneously transmit with 2.4G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	50	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	21.25	21.27

Body-worn simultaneously transmit with 5G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	0	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	19.69	19.68

Left Head simultaneously transmit with 2.4G Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2645	41140	1	99	Band 41	15M	2627.9	40969	Band 41	10M	2615.9	40849	17.74	17.7

Left Head simultaneously transmit with 5G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
Contiguou	Band 41	20M	2645	41140	1	99	Band 41	15M	2627.9	40969	Band 41	10M	2615.9	40849	16.03	16.14

Right Head simultaneously transmit with 2.4G Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2600	40690	1	50	Band 41	20M	2619.8	40888	Band 41	20M	2639.6	41086	13.96	13.97

Right Head simultaneously transmit with 5G WIFI Antenna2

DL LTE CA Class	PCC LTE Band	PCC BW (MHz)	PCC Freq (MHz)	PCC Channel	PCC UL# RB	PCC UL RB Offset	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 Freq (MHz)	SCC1 Channel	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 Freq (MHz)	SCC2 Channel	Power LTE Rel 10 Tx Power(dBm)	Power LTE Rel 8 Tx Power(dBm)
CA_41D	Band 41	20M	2555	40240	1	0	Band 41	20M	2574.8	40438	Band 41	15M	2591.9	40609	12.35	12.46

Note: Testing is not required in bands or modes not intended/allowed for US operation.

According to KDB 941225 D05A, the downlink LTE CA SAR test is not required and PAG requirements can be excluded.

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8.1.2 Conducted Power of WIFI and BT

2.4GHz WIFI Head Scene							
Mode	Antenna	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	Ant1	1	2412	1	14.5	12.88	NO
		6	2437		14.5	**13.15**	Yes
		11	2462		14.5	13.14	NO
	Ant2	1	2412		16.5	15.40	NO
		6	2437		16.5	**15.92**	Yes
		11	2462		16.5	15.82	NO
802.11g	Ant1	1	2412	6	14.5	Not required	NO
		6	2437		14.5	Not required	NO
		11	2462		14.5	Not required	NO
	Ant2	1	2412		16	Not required	NO
		6	2437		16	Not required	NO
		11	2462		16	Not required	NO
802.11n HT20 SISO	Ant1	1	2412	6.5	14.5	Not required	NO
		6	2437		14.5	Not required	NO
		11	2462		14.5	Not required	NO
	Ant2	1	2412		15	Not required	NO
		6	2437		15	Not required	NO
		11	2462		15	Not required	NO
802.11g CDD	Sum	1	2412	6	18.3	16.08	NO
		6	2437		18.3	16.51	NO
		11	2462		18.3	16.21	NO
802.11HT20MIMO	Sum	1	2412	13	17.7	16.16	NO
		6	2437		17.7	16.65	NO
		11	2462		17.7	16.45	NO

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2.4GHz WIFI Body Scene							
Mode	Antenna	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	Ant1	1	2412	1	17	15.75	NO
		6	2437		17	**15.88**	Yes
		11	2462		17	15.92	NO
	Ant2	1	2412		16.5	15.14	NO
		6	2437		16.5	**15.28**	Yes
		11	2462		16.5	15.35	NO
802.11g	Ant1	1	2412	6	16.5	Not required	NO
		6	2437		16.5	Not required	NO
		11	2462		16.5	Not required	NO
	Ant2	1	2412		16	Not required	NO
		6	2437		16	Not required	NO
		11	2462		16	Not required	NO
802.11n HT20 SISO	Ant1	1	2412	6.5	15.5	Not required	NO
		6	2437		15.5	Not required	NO
		11	2462		15.5	Not required	NO
	Ant2	1	2412		15	Not required	NO
		6	2437		15	Not required	NO
		11	2462		15	Not required	NO
802.11g CDD	Sum	1	2412	6	19.2	17.64	NO
		6	2437		19.2	17.93	NO
		11	2462		19.2	17.98	NO
802.11HT20MIMO	Sum	1	2412	13	18.2	17.38	NO
		6	2437		18.2	17.65	NO
		11	2462		18.2	17.66	NO

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5GHz WIFI Ant1 Head Scene							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	12	11.22	NO
		40	5200		12	11.28	NO
		44	5220		12	11.08	NO
		48	5240		12	11.27	NO
	U-NII-2A	52	5260		12	11.04	NO
		56	5280		12	**11.28**	Yes
		60	5300		12	11.27	NO
		64	5320		12	11.15	NO
	U-NII-2C	100	5500		12	10.52	NO
		104	5520		12	10.64	NO
		108	5540		12	10.80	NO
		112	5560		12	10.79	NO
		116	5580		12	**10.86**	Yes
		120	5600		12	10.77	NO
		124	5620		12	10.75	NO
		128	5640		12	10.71	NO
		132	5660		12	10.63	NO
		136	5680		12	10.72	NO
		140	5700		12	10.73	NO
		144	5720		12	10.47	NO
	U-NII-3	149	5745		12	10.04	NO
		153	5765		12	10.03	NO
		157	5785		12	**10.06**	Yes
		161	5805		12	10.02	NO
		165	5825		12	10.03	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	12	11.09	NO
		40	5200		12	11.09	NO
		44	5220		12	11.04	NO
		48	5240		12	11.26	NO
	U-NII-2A	52	5260		12	11.14	NO
		56	5280		12	11.10	NO
		60	5300		12	11.05	NO
		64	5320		12	11.10	NO
	U-NII-2C	100	5500		12	10.24	NO
		104	5520		12	10.65	NO
		108	5540		12	10.46	NO
		112	5560		12	10.57	NO
		116	5580		12	10.85	NO
		120	5600		12	10.77	NO
		124	5620		12	10.80	NO
		128	5640		12	10.79	NO
		132	5660		12	10.84	NO
		136	5680		12	10.70	NO
		140	5700		12	10.45	NO
		144	5720		12	10.21	NO
	U-NII-3	149	5745		12	10.08	NO
		153	5765		12	10.01	NO
		157	5785		12	10.05	NO
		161	5805		12	10.02	NO
		165	5825		12	10.03	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	11.5	11.04	NO
		46	5230		11.5	11.12	NO
	U-NII-2A	54	5270		11.5	11.00	NO
		62	5310		11.5	11.09	NO
	U-NII-2C	102	5510		11.5	10.81	NO
		110	5550		11.5	10.99	NO
		118	5590		11.5	11.05	NO
		126	5630		11.5	11.07	NO
		134	5670		11.5	11.04	NO
		142	5710		11.5	10.83	NO
	U-NII-3	151	5755		11.5	10.20	NO
		159	5795		11.5	10.11	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	12	11.04	NO
		40	5200		12	11.19	NO
		44	5220		12	11.08	NO
		48	5240		12	11.07	NO
	U-NII-2A	52	5260		12	11.16	NO
		56	5280		12	11.07	NO
		60	5300		12	11.15	NO
		64	5320		12	11.09	NO
	U-NII-2C	100	5500		12	10.51	NO
		104	5520		12	11.64	NO
		108	5540		12	10.47	NO
		112	5560		12	10.57	NO
		116	5580		12	10.86	NO
		120	5600		12	10.73	NO
		124	5620		12	10.85	NO
		128	5640		12	10.75	NO
		132	5660		12	10.80	NO
		136	5680		12	10.68	NO
		140	5700		12	10.50	NO
		144	5720		12	10.48	NO
	U-NII-3	149	5745		12	10.07	NO
		153	5765		12	10.03	NO
		157	5785		12	10.09	NO
		161	5805		12	9.93	NO
		165	5825		12	9.97	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	11.5	11.02	NO
		46	5230		11.5	11.01	NO
	U-NII-2A	54	5270		11.5	11.18	NO
		62	5310		11.5	11.07	NO
	U-NII-2C	102	5510		11.5	10.83	NO
		110	5550		11.5	10.77	NO
		118	5590		11.5	11.02	NO
		126	5630		11.5	11.05	NO
		134	5670		11.5	10.85	NO
		142	5710		11.5	10.84	NO
	U-NII-3	151	5755		11.5	10.38	NO
		159	5795		11.5	10.05	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.5	10.37	NO
	U-NII-2A	58	5290		12.5	10.27	NO
	U-NII-2C	106	5530		12.5	9.99	NO
	U-NII-3	122	5610		12.5	10.28	NO
		138	5690		12.5	9.97	NO
		155	5775		12.5	9.31	NO

5GHz WIFI Ant2 Head Scene							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	12.5	11.72	NO
		40	5200		12.5	11.70	NO
		44	5220		12.5	11.88	NO
		48	5240		12.5	11.84	NO
	U-NII-2A	52	5260		12.5	12.17	NO
		56	5280		12.5	**12.29**	Yes
		60	**5300**		12.5	12.22	NO
		64	5320		12.5	12.19	NO
	U-NII-2C	100	5500		12.5	10.34	NO
		104	5520		12.5	10.73	NO
		108	5540		12.5	10.68	NO
		112	5560		12.5	10.85	NO
		116	5580		12.5	**10.94**	Yes
		120	5600		12.5	10.82	NO
		124	5620		12.5	10.80	NO
		128	5640		12.5	10.73	NO
		132	5660		12.5	10.64	NO
		136	5680		12.5	10.64	NO
		140	5700		12.5	10.44	NO
		144	5720		12.5	10.44	NO
	U-NII-3	149	5745		12.5	9.85	NO
		153	5765		12.5	10.03	NO
		157	5785		12.5	**10.23**	Yes
		161	5805		12.5	10.21	NO
		165	5825		12.5	10.22	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	12.5	11.51	NO
		40	5200		12.5	11.55	NO
		44	5220		12.5	11.82	NO
		48	5240		12.5	11.74	NO
	U-NII-2A	52	5260		12.5	12.08	NO
		56	5280		12.5	12.18	NO
		60	5300		12.5	12.13	NO
		64	5320		12.5	12.04	NO
	U-NII-2C	100	5500		12.5	10.38	NO
		104	5520		12.5	10.50	NO
		108	5540		12.5	10.85	NO
		112	5560		12.5	10.72	NO
		116	5580		12.5	10.92	NO
		120	5600		12.5	10.89	NO
		124	5620		12.5	10.82	NO
		128	5640		12.5	10.77	NO
		132	5660		12.5	10.64	NO
		136	5680		12.5	10.50	NO
		140	5700		12.5	10.18	NO
		144	5720		12.5	10.45	NO
	U-NII-3	149	5745		12.5	9.88	NO
		153	5765		12.5	10.06	NO
		157	5785		12.5	10.28	NO
		161	5805		12.5	10.17	NO
		165	5825		12.5	10.27	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	10	7.90	NO
		46	5230		10	8.10	NO
	U-NII-2A	54	5270		10	8.69	NO
		62	5310		10	8.77	NO
	U-NII-2C	102	5510		10	8.16	NO
		110	5550		10	8.40	NO
		118	5590		10	8.52	NO
		126	5630		10	8.40	NO
		134	5670		10	8.25	NO
		142	5710		10	8.26	NO
	U-NII-3	151	5755		10	8.59	NO
		159	5795		10	8.44	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	12.5	11.67	NO
		40	5200		12.5	11.73	NO
		44	5220		12.5	11.77	NO
		48	5240		12.5	11.02	NO
	U-NII-2A	52	5260		12.5	12.02	NO
		56	5280		12.5	12.15	NO
		60	5300		12.5	12.20	NO
		64	5320		12.5	12.19	NO
	U-NII-2C	100	5500		12.5	10.51	NO
		104	5520		12.5	10.56	NO
		108	5540		12.5	10.68	NO
		112	5560		12.5	10.83	NO
		116	5580		12.5	10.96	NO
		120	5600		12.5	10.89	NO
		124	5620		12.5	10.82	NO
		128	5640		12.5	10.78	NO
		132	5660		12.5	10.60	NO
		136	5680		12.5	10.62	NO
		140	5700		12.5	10.42	NO
		144	5720		12.5	10.30	NO
	U-NII-3	149	5745		12.5	9.76	NO
		153	5765		12.5	10.01	NO
		157	5785		12.5	10.22	NO
		161	5805		12.5	10.19	NO
		165	5825		12.5	10.20	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	10	7.91	NO
		46	5230		10	8.17	NO
	U-NII-2A	54	5270		10	8.49	NO
		62	5310		10	8.79	NO
	U-NII-2C	102	5510		10	8.11	NO
		110	5550		10	8.36	NO
		118	5590		10	8.44	NO
		126	5630		10	8.43	NO
		134	5670		10	8.43	NO
		142	5710		10	8.14	NO
	U-NII-3	151	5755		10	8.49	NO
		159	5795		10	8.44	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	10	9.38	NO
	U-NII-2A	58	5290		10	9.99	NO
	U-NII-2C	106	5530		10	9.04	NO
	U-NII-3	122	5610		10	9.23	NO
		138	5690		10	8.77	NO
		155	5775		10	8.44	NO

5GHz WIFI Head Scene CDD Average Power							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	15.26	14.49	NO
		40	5200		15.26	14.50	NO
		44	5220		15.26	14.51	NO
		48	5240		15.26	14.57	NO
	U-NII-2A	52	5260		15.26	14.66	NO
		56	5280		15.26	14.83	NO
		60	5300		15.26	14.78	NO
		64	5320		15.26	14.71	NO
	U-NII-2C	100	5500		15.26	13.44	NO
		104	5520		15.26	13.70	NO
		108	5540		15.26	13.75	NO
		112	5560		15.26	13.83	NO
		116	5580		15.26	13.91	NO
		120	5600		15.26	13.80	NO
		124	5620		15.26	13.78	NO
		128	5640		15.26	13.73	NO
		132	5660		15.26	13.64	NO
		136	5680		15.26	13.69	NO
		140	5700		15.26	13.60	NO
		144	5720		15.26	13.46	NO
	U-NII-3	149	5745		15.26	12.96	NO
		153	5765		15.26	13.04	NO
		157	5785		15.26	13.16	NO
		161	5805		15.26	13.13	NO
		165	5825		15.26	13.13	NO

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5GHz WIFI Head Scene MIMO Average Power							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS8	15.26	14.14	NO
		40	5200		15.26	14.15	NO
		44	5220		15.26	14.27	NO
		48	5240		15.26	14.32	NO
	U-NII-2A	52	5260		15.26	14.46	NO
		56	5280		15.26	14.46	NO
		60	5300		15.26	14.42	NO
		64	5320		15.26	14.36	NO
	U-NII-2C	100	5500		15.26	13.14	NO
		104	5520		15.26	13.35	NO
		108	5540		15.26	13.56	NO
		112	5560		15.26	13.50	NO
		116	5580		15.26	13.77	NO
		120	5600		15.26	13.73	NO
		124	5620		15.26	13.61	NO
		128	5640		15.26	13.56	NO
		132	5660		15.26	13.61	NO
		136	5680		15.26	13.33	NO
		140	5700		15.26	13.05	NO
		144	5720		15.26	13.11	NO
	U-NII-3	149	5745		15.26	12.74	NO
		153	5765		15.26	12.89	NO
		157	5785		15.26	12.98	NO
		161	5805		15.26	12.89	NO
		165	5825		15.26	12.97	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS8	13.8	12.62	NO
		46	5230		13.8	12.60	NO
	U-NII-2A	54	5270		13.8	12.73	NO
		62	5310		13.8	12.85	NO
	U-NII-2C	102	5510		13.8	12.46	NO
		110	5550		13.8	12.76	NO
		118	5590		13.8	12.76	NO
		126	5630		13.8	12.67	NO
		134	5670		13.8	12.66	NO
		142	5710		13.8	12.55	NO
	U-NII-3	151	5755		13.8	12.28	NO
		159	5795		13.8	12.12	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS8	15.26	14.22	NO
		40	5200		15.26	14.18	NO
		44	5220		15.26	14.22	NO
		48	5240		15.26	13.85	NO
	U-NII-2A	52	5260		15.26	14.40	NO
		56	5280		15.26	14.49	NO
		60	5300		15.26	14.58	NO
		64	5320		15.26	14.46	NO
	U-NII-2C	100	5500		15.26	13.36	NO
		104	5520		15.26	13.91	NO
		108	5540		15.26	13.31	NO
		112	5560		15.26	13.56	NO
		116	5580		15.26	13.65	NO
		120	5600		15.26	13.62	NO
		124	5620		15.26	13.62	NO
		128	5640		15.26	13.66	NO
		132	5660		15.26	13.49	NO
		136	5680		15.26	13.52	NO
		140	5700		15.26	13.21	NO
		144	5720		15.26	13.28	NO
	U-NII-3	149	5745		15.26	12.74	NO
		153	5765		15.26	12.89	NO
		157	5785		15.26	12.98	NO
		161	5805		15.26	12.93	NO
		165	5825		15.26	12.89	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS8	13.8	12.55	NO
		46	5230		13.8	12.54	NO
	U-NII-2A	54	5270		13.8	12.83	NO
		62	5310		13.8	12.84	NO
	U-NII-2C	102	5510		13.8	12.52	NO
		110	5550		13.8	12.53	NO
		118	5590		13.8	12.71	NO
		126	5630		13.8	12.69	NO
		134	5670		13.8	12.65	NO
		142	5710		13.8	12.41	NO
	U-NII-3	151	5755		13.8	12.43	NO
		159	5795		13.8	12.03	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS8	13.8	12.77	NO
	U-NII-2A	58	5290		13.8	12.94	NO
	U-NII-2C	106	5530		13.8	12.33	NO
	U-NII-3	122	5610		13.8	12.65	NO
		138	5690		13.8	12.25	NO
		155	5775		13.8	11.62	NO

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5GHz WIFI Ant1 Body Scene							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	14	13.18	NO
		40	5200		14	13.25	NO
		44	5220		14	13.24	NO
		48	5240		14	13.15	NO
	U-NII-2A	52	5260		14	13.23	NO
		56	5280		14	**13.27**	Yes
		60	**5300**		14	13.26	NO
		64	5320		14	13.20	NO
	U-NII-2C	100	5500		14	12.92	NO
		104	5520		14	12.78	NO
		108	5540		14	12.75	NO
		112	5560		14	12.78	NO
		116	5580		14	12.96	NO
		120	5600		14	12.84	NO
		124	5620		14	12.83	NO
		128	5640		14	12.82	NO
		132	5660		14	12.87	NO
		136	5680		14	**13.02**	Yes
		140	5700		14	12.77	NO
		144	5720		14	13.05	NO
	U-NII-3	149	5745		14	12.33	NO
		153	5765		14	12.25	NO
		157	5785		14	**12.35**	Yes
		161	5805		14	12.05	NO
		165	5825		14	12.19	NO

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	14	13.17	NO
		40	5200		14	13.13	NO
		44	5220		14	13.11	NO
		48	5240		14	13.24	NO
	U-NII-2A	52	5260		14	13.24	NO
		56	5280		14	13.21	NO
		60	5300		14	13.28	NO
		64	5320		14	13.14	NO
	U-NII-2C	100	5500		14	12.82	NO
		104	5520		14	12.75	NO
		108	5540		14	12.84	NO
		112	5560		14	12.99	NO
		116	5580		14	12.91	NO
		120	5600		14	12.94	NO
		124	5620		14	12.92	NO
		128	5640		14	12.96	NO
		132	5660		14	12.92	NO
		136	5680		14	12.99	NO
		140	5700		14	12.84	NO
		144	5720		14	12.49	NO
	U-NII-3	149	5745		14	12.45	NO
		153	5765		14	12.27	NO
		157	5785		14	12.49	NO
		161	5805		14	12.04	NO
		165	5825		14	12.22	NO
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	11.5	11.24	NO
		46	5230		11.5	11.18	NO
	U-NII-2A	54	5270		11.5	11.28	NO
		62	5310		11.5	11.14	NO
	U-NII-2C	102	5510		11.5	11.25	NO
		110	5550		11.5	11.37	NO
		118	5590		11.5	11.49	NO
		126	5630		11.5	11.29	NO
		134	5670		11.5	11.47	NO
		142	5710		11.5	11.41	NO
	U-NII-3	151	5755		11.5	10.94	NO
		159	5795		11.5	10.80	NO

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	14	13.10	NO
		40	5200		14	13.28	NO
		44	5220		14	13.16	NO
		48	5240		14	13.18	NO
	U-NII-2A	52	5260		14	13.21	NO
		56	5280		14	13.30	NO
		60	5300		14	13.11	NO
		64	5320		14	13.23	NO
	U-NII-2C	100	5500		14	12.84	NO
		104	5520		14	12.85	NO
		108	5540		14	12.86	NO
		112	5560		14	12.85	NO
		116	5580		14	12.94	NO
		120	5600		14	12.92	NO
		124	5620		14	12.93	NO
		128	5640		14	12.91	NO
		132	5660		14	12.81	NO
		136	5680		14	12.97	NO
		140	5700		14	12.72	NO
		144	5720		14	12.76	NO
	U-NII-3	149	5745		14	12.30	NO
		153	5765		14	12.16	NO
		157	5785		14	12.39	NO
		161	5805		14	12.12	NO
		165	5825		14	12.17	NO

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	11.5	11.27	NO
		46	5230		11.5	11.38	NO
	U-NII-2A	54	5270		11.5	11.15	NO
		62	5310		11.5	11.24	NO
	U-NII-2C	102	5510		11.5	11.38	NO
		110	5550		11.5	11.43	NO
		118	5590		11.5	11.35	NO
		126	5630		11.5	11.24	NO
		134	5670		11.5	11.43	NO
		142	5710		11.5	11.44	NO
	U-NII-3	151	5755		11.5	11.04	NO
		159	5795		11.5	10.89	NO

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	11.5	10.86	NO
	U-NII-2A	58	5290		11.5	10.67	NO
	U-NII-2C	106	5530		11.5	10.53	NO
	U-NII-3	122	5610		11.5	10.69	NO
		138	5690		11.5	10.61	NO
		155	5775		11.5	10.04	NO

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5GHz WIFI Ant2 Body Scene							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	12.5	11.75	NO
		40	5200		12.5	11.74	NO
		44	5220		12.5	12.13	NO
		48	5240		12.5	12.04	NO
	U-NII-2A	52	5260		12.5	12.20	NO
		56	5280		12.5	12.26	NO
		60	**5300**		12.5	**12.30**	Yes
		64	5320		12.5	12.25	NO
	U-NII-2C	100	5500		12.5	11.08	NO
		104	5520		12.5	11.18	NO
		108	5540		12.5	11.25	NO
		112	5560		12.5	11.35	NO
		116	5580		12.5	**11.46**	Yes
		120	5600		12.5	11.45	NO
		124	5620		12.5	11.39	NO
		128	5640		12.5	11.38	NO
		132	5660		12.5	11.08	NO
		136	5680		12.5	11.02	NO
		140	5700		12.5	11.03	NO
		144	5720		12.5	10.89	NO
	U-NII-3	149	5745		12.5	10.50	NO
		153	5765		12.5	10.47	NO
		157	5785		12.5	**10.72**	Yes
		161	5805		12.5	10.67	NO
		165	5825		12.5	10.69	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	12.5	11.79	NO
		40	5200		12.5	11.94	NO
		44	5220		12.5	11.82	NO
		48	5240		12.5	11.85	NO
	U-NII-2A	52	5260		12.5	12.04	NO
		56	5280		12.5	12.22	NO
		60	5300		12.5	12.21	NO
		64	5320		12.5	12.10	NO
	U-NII-2C	100	5500		12.5	10.98	NO
		104	5520		12.5	11.11	NO
		108	5540		12.5	11.35	NO
		112	5560		12.5	11.39	NO
		116	5580		12.5	11.39	NO
		120	5600		12.5	11.40	NO
		124	5620		12.5	11.33	NO
		128	5640		12.5	11.30	NO
		132	5660		12.5	11.13	NO
		136	5680		12.5	10.97	NO
		140	5700		12.5	10.53	NO
		144	5720		12.5	10.92	NO
	U-NII-3	149	5745		12.5	10.51	NO
		153	5765		12.5	10.52	NO
		157	5785		12.5	10.68	NO
		161	5805		12.5	10.55	NO
		165	5825		12.5	10.66	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	10	7.91	NO
		46	5230		10	8.06	NO
	U-NII-2A	54	5270		10	8.43	NO
		62	5310		10	8.71	NO
	U-NII-2C	102	5510		10	8.18	NO
		110	5550		10	8.40	NO
		118	5590		10	8.43	NO
		126	5630		10	8.52	NO
		134	5670		10	8.38	NO
		142	5710		10	8.15	NO
	U-NII-3	151	5755		10	8.50	NO
		159	5795		10	8.55	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	12.5	11.78	NO
		40	5200		12.5	11.74	NO
		44	5220		12.5	11.84	NO
		48	5240		12.5	12.13	NO
	U-NII-2A	52	5260		12.5	12.17	NO
		56	5280		12.5	12.23	NO
		60	5300		12.5	12.26	NO
		64	5320		12.5	12.14	NO
	U-NII-2C	100	5500		12.5	11.00	NO
		104	5520		12.5	11.42	NO
		108	5540		12.5	11.30	NO
		112	5560		12.5	11.36	NO
		116	5580		12.5	11.45	NO
		120	5600		12.5	11.16	NO
		124	5620		12.5	11.31	NO
		128	5640		12.5	11.25	NO
		132	5660		12.5	11.23	NO
		136	5680		12.5	11.05	NO
		140	5700		12.5	10.94	NO
		144	5720		12.5	10.83	NO
	U-NII-3	149	5745		12.5	10.58	NO
		153	5765		12.5	10.46	NO
		157	5785		12.5	10.56	NO
		161	5805		12.5	10.66	NO
		165	5825		12.5	10.82	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	10	7.82	NO
		46	5230		10	8.14	NO
	U-NII-2A	54	5270		10	8.50	NO
		62	5310		10	8.89	NO
	U-NII-2C	102	5510		10	8.21	NO
		110	5550		10	8.33	NO
		118	5590		10	8.43	NO
		126	5630		10	8.47	NO
		134	5670		10	8.39	NO
		142	5710		10	8.16	NO
	U-NII-3	151	5755		10	8.49	NO
		159	5795		10	8.41	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	10	9.35	NO
	U-NII-2A	58	5290		10	9.99	NO
	U-NII-2C	106	5530		10	9.17	NO
	U-NII-3	122	5610		10	9.28	NO
		138	5690		10	8.91	NO
		155	5775		10	8.63	NO

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5GHz WIFI Body Scene CDD Average Power							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	16.3	15.32	NO
		40	5200		16.3	15.36	NO
		44	5220		16.3	15.57	NO
		48	5240		16.3	15.45	NO
	U-NII-2A	52	5260		16.3	15.56	NO
		56	5280		16.3	15.69	NO
		60	5300		16.3	15.65	NO
		64	5320		16.3	15.56	NO
	U-NII-2C	100	5500		16.3	14.89	NO
		104	5520		16.3	14.77	NO
		108	5540		16.3	14.92	NO
		112	5560		16.3	14.87	NO
		116	5580		16.3	14.99	NO
		120	5600		16.3	14.96	NO
		124	5620		16.3	14.98	NO
		128	5640		16.3	14.89	NO
		132	5660		16.3	14.81	NO
		136	5680		16.3	14.97	NO
		140	5700		16.3	14.79	NO
		144	5720		16.3	14.85	NO
	U-NII-3	149	5745		16.3	14.32	NO
		153	5765		16.3	14.35	NO
		157	5785		16.3	14.47	NO
		161	5805		16.3	14.19	NO
		165	5825		16.3	14.25	NO

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5GHz WIFI Body Scene MIMO Average Power							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS8	16.3	15.54	NO
		40	5200		16.3	15.59	NO
		44	5220		16.3	15.52	NO
		48	5240		16.3	15.61	NO
	U-NII-2A	52	5260		16.3	15.69	NO
		56	5280		16.3	15.76	NO
		60	5300		16.3	15.79	NO
		64	5320		16.3	15.66	NO
	U-NII-2C	100	5500		16.3	15.01	NO
		104	5520		16.3	15.02	NO
		108	5540		16.3	15.17	NO
		112	5560		16.3	15.28	NO
		116	5580		16.3	15.23	NO
		120	5600		16.3	15.25	NO
		124	5620		16.3	15.20	NO
		128	5640		16.3	15.22	NO
		132	5660		16.3	15.13	NO
		136	5680		16.3	15.10	NO
		140	5700		16.3	14.85	NO
		144	5720		16.3	14.79	NO
	U-NII-3	149	5745		16.3	14.60	NO
		153	5765		16.3	14.49	NO
		157	5785		16.3	14.69	NO
		161	5805		16.3	14.37	NO
		165	5825		16.3	14.52	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS8	13.8	13.17	NO
		46	5230		13.8	13.32	NO
	U-NII-2A	54	5270		13.8	13.36	NO
		62	5310		13.8	13.43	NO
	U-NII-2C	102	5510		13.8	13.19	NO
		110	5550		13.8	13.15	NO
		118	5590		13.8	13.23	NO
		126	5630		13.8	13.33	NO
		134	5670		13.8	13.20	NO
		142	5710		13.8	13.08	NO
	U-NII-3	151	5755		13.8	12.90	NO
		159	5795		13.8	12.83	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS8	16.3	15.50	NO
		40	5200		16.3	15.58	NO
		44	5220		16.3	15.56	NO
		48	5240		16.3	15.70	NO
	U-NII-2A	52	5260		16.3	15.73	NO
		56	5280		16.3	15.81	NO
		60	5300		16.3	15.72	NO
		64	5320		16.3	15.73	NO
	U-NII-2C	100	5500		16.3	15.03	NO
		104	5520		16.3	15.20	NO
		108	5540		16.3	15.16	NO
		112	5560		16.3	15.18	NO
		116	5580		16.3	15.26	NO
		120	5600		16.3	15.14	NO
		124	5620		16.3	15.20	NO
		128	5640		16.3	15.17	NO
		132	5660		16.3	15.10	NO
		136	5680		16.3	15.12	NO
		140	5700		16.3	14.93	NO
		144	5720		16.3	14.91	NO
	U-NII-3	149	5745		16.3	14.54	NO
		153	5765		16.3	14.40	NO
		157	5785		16.3	14.58	NO
		161	5805		16.3	14.46	NO
		165	5825		16.3	14.56	NO

5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS8	13.8	13.24	NO
		46	5230		13.8	13.27	NO
	U-NII-2A	54	5270		13.8	13.37	NO
		62	5310		13.8	13.56	NO
	U-NII-2C	102	5510		13.8	13.09	NO
		110	5550		13.8	13.16	NO
		118	5590		13.8	13.28	NO
		126	5630		13.8	13.28	NO
		134	5670		13.8	13.18	NO
		142	5710		13.8	13.11	NO
	U-NII-3	151	5755		13.8	12.96	NO
		159	5795		13.8	12.83	NO

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5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS8	13.8	13.18	NO
	U-NII-2A	58	5290		13.8	13.40	NO
	U-NII-2C	106	5530		13.8	12.91	NO
	U-NII-3	122	5610		13.8	13.05	NO
		138	5690		13.8	12.85	NO
		155	5775		13.8	12.40	NO

Table 16： Conducted Power Of WIFI

Note:

a) Power must be measured at each transmit antenna port according to the DSSS and OFDM transmission configurations in each standalone and aggregated frequency band.

b) Power measurement is required for the transmission mode configuration with the highest maximum output power specified for production units.

1) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.

2) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.

c) For each transmission mode configuration, power must be measured for the highest and lowest channels; and at the mid-band channel(s) when there are at least 3 channels. For configurations with multiple mid-band channels, due to an even number of channels, both channels should be measured.

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BT			Tune up (dBm)	Average Conducted Power(dBm)
Modulation	Channel	Frequency(MHz)		GFSK
GFSK	0	2402	13.5	11.1
	39	2441		**12.3**
	78	2480		10.8
π/4DQPSK	0	2402		5.9
	39	2441		7
	78	2480		5.6
8DPSK	0	2402		5.6
	39	2441		6.7
	78	2480		5.4
BLE			Tune up (dBm)	Average Conducted Power(dBm)
Modulation	Channel	Frequency(MHz)		GFSK
GFSK	0	2402	9.5	3.78
	19	2440		5.39
	39	2480		4.2

Table 17： Conducted Power Of BT

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8.2 Stand-alone SAR test evaluation

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.

Freq. Band	Frequency (GHz)	Position	Average Power		Test Separation (mm)	Calculate Value	Exclusion Threshold	Exclusion (Y/N)
			dBm	mW				
Wi-Fi 1	2.45	Head	14.5	28.2	0	8.8	3	N
		Body-worn	17.5	56.2	15	5.9	3	N
		Hotspot	17.5	56.2	10	8.8	3	N
	5.5	Head	14	25.1	0	11.8	3	N
		Body-worn	14	25.1	15	3.9	3	N
		Hotspot	14	25.1	10	5.9	3	N
Wi-Fi 2	2.45	Head	17	50.1	0	15.7	3	N
		Body-worn	17	50.1	15	5.2	3	N
		Hotspot	17	50.1	10	7.8	3	N
	5.8	Head	12.5	17.8	0	8.6	3	N
		Body-worn	12.5	17.8	15	2.9	3	Y
		Hotspot	12.5	17.8	10	4.3	3	N
Bluetooth	2.48	Head	13.5	22.4	0	7.1	3	N
		Body-worn	13.5	22.4	15	2.4	3	Y
		Hotspot	N/A	N/A	N/A	N/A	N/A	N/A

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
• f(GHz) is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm before calculation
• The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

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8.3 Measurement of SAR Data

8.3.1 SAR Result Of GSM850

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	GSM	190/836.6	1:8.3	0.158	0.04	33.01	33.5	1.119	0.177	22.1
Left tilted	GSM	190/836.6	1:8.3	0.0805	0.02	33.01	33.5	1.119	0.090	22.1
Right cheek	GSM	190/836.6	1:8.3	0.191	0.05	33.01	33.5	1.119	0.214	22.1
Right tilted	GSM	190/836.6	1:8.3	0.0842	0.05	33.01	33.5	1.119	0.094	22.1
Head Test Data at the worst case with SIM2										
Right cheek	GSM	190/836.6	1:8.3	0.215	0.09	33.01	33.5	1.119	**0.241**	22.1
Head Test Data at the worst case with Battery 2#										
Right cheek	GSM	190/836.6	1:8.3	0.196	0.06	33.01	33.5	1.119	0.219	22.1
Head Test Data at the worst case with Battery 3#										
Right cheek	GSM	190/836.6	1:8.3	0.185	0.02	33.01	33.5	1.119	0.207	22.1
Body worn Test data (Separate 15mm)										
Front side	GSM	190/836.6	1:8.3	0.239	-0.04	33.01	33.5	1.119	0.268	22.1
Back side	GSM	190/836.6	1:8.3	0.261	-0.02	33.01	33.5	1.119	0.292	22.1
Front side	GPRS 2TS	190/836.6	1:4.15	0.281	-0.14	30.53	31.5	1.250	0.351	22.1
Back side	GPRS 2TS	190/836.6	1:4.15	0.293	0.01	30.53	31.5	1.250	0.366	22.1
Body worn Test data with SIM2										
Back side	GPRS 2TS	190/836.6	1:8.3	0.286	-0.04	30.53	31.5	1.250	0.358	22.1
Body worn Test data with Battery 2#										
Back side	GPRS 2TS	190/836.6	1:8.3	0.304	0.11	30.53	31.5	1.250	**0.380**	22.1
Body worn Test data with Battery 3#										
Back side	GPRS 2TS	190/836.6	1:8.3	0.276	-0.12	30.53	31.5	1.250	0.345	22.1
Hotspot Test data (Separate 10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.421	-0.09	30.53	31.5	1.250	0.526	22.1
Back side	GPRS 2TS	190/836.6	1:4.15	0.469	0	30.53	31.5	1.250	**0.586**	22.1
Left side	GPRS 2TS	190/836.6	1:4.15	0.189	0.04	30.53	31.5	1.250	0.236	22.1
Right side	GPRS 2TS	190/836.6	1:4.15	0.25	0.09	30.53	31.5	1.250	0.313	22.1
Bottom side	GPRS 2TS	190/836.6	1:4.15	0.333	0.17	30.53	31.5	1.250	0.416	22.1
Hotspot Test Data at the worst case with SIM2 (10mm)										
Back side	GPRS 2TS	190/836.6	1:4.15	0.452	0.02	30.53	31.5	1.250	0.565	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Back side	GPRS 2TS	190/836.6	1:4.15	0.442	-0.02	30.53	31.5	1.250	0.553	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Back side	GPRS 2TS	190/836.6	1:4.15	0.456	0.15	30.53	31.5	1.250	0.570	22.1

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Ant2 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	GSM	190/836.6	1:8.3	0.624	-0.12	29.64	30.5	1.219	0.761	22.1
Left tilted	GSM	190/836.6	1:8.3	0.461	0.07	29.64	30.5	1.219	0.562	22.1
Right cheek	GSM	190/836.6	1:8.3	0.627	-0.04	29.12	30	1.225	0.768	22.1
Right tilted	GSM	190/836.6	1:8.3	0.577	-0.01	29.12	30	1.225	0.707	22.1
Head Test Data at the worst case with SIM2										
Right cheek	GSM	190/836.6	1:8.3	0.66	-0.03	29.12	30	1.225	0.808	22.1
Right cheek	GSM	128/824.2	1:8.3	0.782	-0.01	29.04	30	1.247	**0.975**	22.1
Right cheek	GSM	251/848.8	1:8.3	0.657	-0.06	29.25	30	1.189	0.781	22.1
Head Test Data at the worst case with Battery 2#										
Right cheek	GSM	190/836.6	1:8.3	0.626	-0.04	29.12	30	1.225	0.767	22.1
Head Test Data at the worst case with Battery 3#										
Right cheek	GSM	190/836.6	1:8.3	0.693	0.09	29.12	30	1.225	0.849	22.1
Right cheek	GSM	128/824.2	1:8.3	0.741	-0.05	29.04	30	1.247	0.924	22.1
Right cheek	GSM	251/848.8	1:8.3	0.765	0.04	29.25	30	1.189	0.909	22.1
Body worn Test data (Separate 15mm)										
Front side	GSM	190/836.6	1:8.3	0.339	-0.03	33.34	33.5	1.038	0.352	22.1
Back side	GSM	190/836.6	1:8.3	0.324	-0.07	33.34	33.5	1.038	0.336	22.1
Front side	GPRS 2TS	190/836.6	1:4.15	0.415	-0.16	31.05	31.5	1.109	0.460	22.1
Back side	GPRS 2TS	190/836.6	1:4.15	0.4	-0.12	31.05	31.5	1.109	0.444	22.1
Body worn Test data with SIM2										
Front side	GPRS 2TS	190/836.6	1:4.15	0.45	-0.12	31.05	31.5	1.109	**0.499**	22.1
Body worn Test data with Battery 2#										
Front side	GPRS 2TS	190/836.6	1:4.15	0.431	-0.17	31.05	31.5	1.109	0.478	22.1
Body worn Test data with Battery 3#										
Front side	GPRS 2TS	190/836.6	1:4.15	0.438	-0.02	31.05	31.5	1.109	0.486	22.1
Hotspot actived for 2.4G WIFI Test data (Separate 10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.409	-0.01	27.96	29	1.271	0.520	22.1
Back side	GPRS 2TS	190/836.6	1:4.15	0.395	-0.03	27.96	29	1.271	0.502	22.1
Left side	GPRS 2TS	190/836.6	1:4.15	0.19	-0.19	27.96	29	1.271	0.241	22.1
Right side	GPRS 2TS	190/836.6	1:4.15	0.0313	-0.2	27.96	29	1.271	0.040	22.1
Top side	GPRS 2TS	190/836.6	1:4.15	0.219	-0.07	27.96	29	1.271	0.278	22.1
Hotspot actived for 5G WIFI Test data (Separate 10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.296	0.05	26.45	27.5	1.274	0.377	22.1
Back side	GPRS 2TS	190/836.6	1:4.15	0.284	-0.04	26.45	27.5	1.274	0.362	22.1
Left side	GPRS 2TS	190/836.6	1:4.15	0.16	-0.13	26.45	27.5	1.274	0.204	22.1
Right side	GPRS 2TS	190/836.6	1:4.15	0.0181	-0.02	26.45	27.5	1.274	0.023	22.1
Top side	GPRS 2TS	190/836.6	1:4.15	0.159	-0.01	26.45	27.5	1.274	0.202	22.1
Hotspot Test Data at the worst case with SIM2 (10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.422	-0.02	27.96	29	1.271	**0.536**	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.394	-0.04	27.96	29	1.271	0.501	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Front side	GPRS 2TS	190/836.6	1:4.15	0.395	-0.08	27.96	29	1.271	0.502	22.1
Ant2 Additional Test data (simultaneous transmission with 5G WIFI)										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Right cheek	GSM	190/836.6	1:8.3	0.231	0.13	25.48	26	1.127	0.260	22.1
Head Test Data at the worst case with Battery 3#										
Left cheek	GSM	190/836.6	1:8.3	0.289	-0.02	26.01	26.5	1.119	0.324	22.1

Table 18： SAR of GSM850 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

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2) Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.2 SAR Result Of GSM1900

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	GSM	661/1880	1:8.3	0.053	0.09	30.11	31	1.227	0.065	22.1
Left tilted	GSM	661/1880	1:8.3	0.0297	0.01	30.11	31	1.227	0.036	22.1
Right cheek	GSM	661/1880	1:8.3	0.0661	0.09	30.11	31	1.227	0.081	22.1
Right tilted	GSM	661/1880	1:8.3	0.047	0.17	30.11	31	1.227	0.058	22.1
Head Test Data at the worst case with SIM2										
Right cheek	GSM	661/1880	1:8.3	0.072	0.09	30.11	31	1.227	**0.088**	22.1
Head Test Data at the worst case with Battery 2#										
Right cheek	GSM	661/1880	1:8.3	0.0652	0.03	30.11	31	1.227	0.080	22.1
Head Test Data at the worst case with Battery 3#										
Right cheek	GSM	661/1880	1:8.3	0.0622	0.03	30.11	31	1.227	0.076	22.1
Body worn Test data (Separate 15mm)										
Front side	GSM	661/1880	1:8.3	0.233	-0.06	30.11	31	1.227	0.286	22.1
Back side	GSM	661/1880	1:8.3	0.222	0.09	30.11	31	1.227	0.272	22.1
Front side	GPRS 2TS	661/1880	1:4.15	0.274	0.13	27.76	29	1.330	0.365	22.1
Back side	GPRS 2TS	661/1880	1:4.15	0.288	0.03	27.76	29	1.330	**0.383**	22.1
Body worn Test Data at the worst case with SIM2										
Back side	GPRS 2TS	661/1880	1:4.15	0.268	0.11	27.76	29	1.330	0.357	22.1
Body worn Test Data at the worst case with Battery 2#										
Back side	GPRS 2TS	661/1880	1:4.15	0.281	0.02	27.76	29	1.330	0.374	22.1
Body worn Test Data at the worst case with Battery 3#										
Back side	GPRS 2TS	661/1880	1:4.15	0.271	0.12	27.76	29	1.330	0.361	22.1
Hotspot Test data (Separate 10mm)										
Front side	GPRS 2TS	661/1880	1:4.15	0.226	0.01	24.58	25.5	1.236	0.279	22.1
Back side	GPRS 2TS	661/1880	1:4.15	0.241	0.01	24.58	25.5	1.236	0.298	22.1
Left side	GPRS 2TS	661/1880	1:4.15	0.0472	0.05	24.58	25.5	1.236	0.058	22.1
Right side	GPRS 2TS	661/1880	1:4.15	0.0604	-0.06	24.58	25.5	1.236	0.075	22.1
Bottom side	GPRS 2TS	661/1880	1:4.15	0.64	-0.01	24.58	25.5	1.236	**0.791**	22.1
Hotspot Test Data at the worst case with SIM2 (10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.553	-0.11	24.58	25.5	1.236	0.683	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.525	-0.2	24.58	25.5	1.236	0.649	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Bottom side	GPRS 2TS	661/1880	1:4.15	0.467	-0.18	24.58	25.5	1.236	0.577	22.1
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)10-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Limb Test data (Separate 0mm)										
Bottom side	GPRS 2TS	661/1880	1:2.075	1.28	0.12	27.76	29	1.330	1.703	22.1
Limb Test data at the worst case with SIM2 (0mm)										
Bottom side	GPRS 2TS	661/1880	1:2.075	1.28	0.09	27.76	29	1.330	1.703	22.1
Limb Test data at the worst case with Battery 2# (0mm)										
Bottom side	GPRS 2TS	661/1880	1:2.075	1.33	0.12	27.76	29	1.330	**1.770**	22.1
Limb Test data at the worst case with Battery 3# (0mm)										
Bottom side	GPRS 2TS	661/1880	1:2.075	1.2	-0.04	27.76	29	1.330	1.597	22.1

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Ant2 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	GSM	661/1880	1:8.3	0.23	0.11	29.15	30	1.216	0.280	22.1
Left tilted	GSM	661/1880	1:8.3	0.324	-0.02	29.15	30	1.216	0.394	22.1
Right cheek	GSM	661/1880	1:8.3	0.642	0.05	25.55	26.5	1.245	0.799	22.1
Right tilted	GSM	661/1880	1:8.3	0.68	-0.07	25.55	26.5	1.245	**0.846**	22.1
Right tilted	GSM	512/1850.2	1:8.3	0.66	0.01	25.45	26.5	1.274	0.841	22.1
Right tilted	GSM	810/1909.8	1:8.3	0.635	0.08	25.5	26.5	1.259	0.799	22.1
Head Test Data at the worst case with SIM2										
Right tilted	GSM	661/1880	1:8.3	0.625	-0.02	25.55	26.5	1.245	0.778	22.1
Head Test Data at the worst case with Battery 2#										
Right tilted	GSM	661/1880	1:8.3	0.524	0	25.55	26.5	1.245	0.652	22.1
Head Test Data at the worst case with Battery 3#										
Right tilted	GSM	661/1880	1:8.3	0.41	0.08	25.55	26.5	1.245	0.510	22.1
Body worn Test data (Separate 15mm)										
Front side	GSM	661/1880	1:8.3	0.136	0.11	30.66	31	1.081	0.147	22.1
Back side	GSM	661/1880	1:8.3	0.15	0.16	30.66	31	1.081	0.162	22.1
Front side	GPRS 2TS	661/1880	1:8.3	0.148	0.16	28.11	29	1.227	0.182	22.1
Back side	GPRS 2TS	661/1880	1:8.3	0.168	0.12	28.11	29	1.227	0.206	22.1
Body worn Test Data at the worst case with SIM2										
Back side	GPRS 2TS	661/1880	1:8.3	0.153	0.01	28.11	29	1.227	0.188	22.1
Body worn Test Data at the worst case with Battery 2#										
Back side	GPRS 2TS	661/1880	1:8.3	0.149	0.01	28.11	29	1.227	0.183	22.1
Body worn Test Data at the worst case with Battery 3#										
Back side	GPRS 2TS	661/1880	1:8.3	0.251	-0.08	28.11	29	1.227	**0.308**	22.1
Hotspot actived for 2.4G WIFI Test data (Separate 10mm)										
Front side	GPRS 2TS	661/1880	1:2.075	0.158	0.03	25.64	26.5	1.219	0.193	22.1
Back side	GPRS 2TS	661/1880	1:2.075	0.135	0.04	25.64	26.5	1.219	0.165	22.1
Left side	GPRS 2TS	661/1880	1:2.075	0.128	0.08	25.64	26.5	1.219	0.156	22.1
Right side	GPRS 2TS	661/1880	1:2.075	0.0306	0.09	25.64	26.5	1.219	0.037	22.1
Top side	GPRS 2TS	661/1880	1:2.075	0.21	0.08	25.64	26.5	1.219	0.256	22.1
Hotspot actived for 5G WIFI Test data (Separate 10mm)										
Front side	GPRS 2TS	661/1880	1:2.075	0.12	0.03	24.01	25	1.256	0.151	22.1
Back side	GPRS 2TS	661/1880	1:2.075	0.0831	0.09	24.01	25	1.256	0.104	22.1
Left side	GPRS 2TS	661/1880	1:2.075	0.0851	0.04	24.01	25	1.256	0.107	22.1
Right side	GPRS 2TS	661/1880	1:2.075	0.0191	-0.03	24.01	25	1.256	0.024	22.1
Top side	GPRS 2TS	661/1880	1:2.075	0.145	0.06	24.01	25	1.256	0.182	22.1
Hotspot Test Data at the worst case with SIM2 (10mm)										
Top side	GPRS 2TS	661/1880	1:2.075	0.2	0.17	25.64	26.5	1.219	0.244	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Top side	GPRS 2TS	661/1880	1:2.075	0.262	0.16	25.64	26.5	1.219	**0.319**	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Top side	GPRS 2TS	661/1880	1:2.075	0.22	0.11	25.64	26.5	1.219	0.268	22.1

Table 19： SAR of GSM1900 for Head, Body and Limb

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.3 SAR Result Of WCDMA Band V

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	4182/836.4	1:1	0.147	0.09	23.65	24.5	1.216	0.179	22.3
Left tilted	RMC	4182/836.4	1:1	0.0846	-0.04	23.65	24.5	1.216	0.103	22.3
Right cheek	RMC	4182/836.4	1:1	0.183	0.03	23.65	24.5	1.216	0.223	22.3
Right tilted	RMC	4182/836.4	1:1	0.0861	-0.07	23.65	24.5	1.216	0.105	22.3
Head Test Data at the worst case with SIM2										
Right cheek	RMC	4182/836.4	1:1	0.181	0.06	23.65	24.5	1.216	0.220	22.3
Head Test Data at the worst case with Battery 2#										
Right cheek	RMC	4182/836.4	1:1	0.203	0.03	23.65	24.5	1.216	**0.247**	22.3
Head Test Data at the worst case with Battery 3#										
Right cheek	RMC	4182/836.4	1:1	0.171	0.05	23.65	24.5	1.216	0.208	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	4182/836.4	1:1	0.229	-0.14	23.65	24.5	1.216	0.279	22.3
Back side	RMC	4182/836.4	1:1	0.239	0.03	23.65	24.5	1.216	0.291	22.3
Body wornTest Data at the worst case with SIM2										
Back side	RMC	4182/836.4	1:1	0.232	0.02	23.65	24.5	1.216	0.282	22.3
Body worn Test Data at the worst case with Battery 2#										
Back side	RMC	4182/836.4	1:1	0.246	0.04	23.65	24.5	1.216	**0.299**	22.3
Body worn Test Data at the worst case with Battery 3#										
Back side	RMC	4182/836.4	1:1	0.214	-0.05	23.65	24.5	1.216	0.260	22.3
Hotspot Test data (Separate 10mm)										
Front side	RMC	4182/836.4	1:1	0.392	-0.02	23.65	24.5	1.216	0.477	22.3
Back side	RMC	4182/836.4	1:1	0.395	0.03	23.65	24.5	1.216	0.480	22.3
Left side	RMC	4182/836.4	1:1	0.161	0.05	23.65	24.5	1.216	0.196	22.3
Right side	RMC	4182/836.4	1:1	0.233	0.04	23.65	24.5	1.216	0.283	22.3
Bottom side	RMC	4182/836.4	1:1	0.303	0.08	23.65	24.5	1.216	0.369	22.3
Hotspot Test Data at the worst case with SIM2										
Back side	RMC	4182/836.4	1:1	0.395	0.01	23.65	24.5	1.216	0.480	22.3
Hotspot Test Data at the worst case with Battery 2#										
Back side	RMC	4182/836.4	1:1	0.416	-0.04	23.65	24.5	1.216	**0.506**	22.3
Hotspot Test Data at the worst case with Battery 3#										
Back side	RMC	4182/836.4	1:1	0.399	0.01	23.65	24.5	1.216	0.485	22.3

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Ant2 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	4182/836.4	1:1	0.501	-0.07	19.2	20	1.202	0.602	22.3
Left tilted	RMC	4182/836.4	1:1	0.355	-0.06	19.2	20	1.202	0.427	22.3
Right cheek	RMC	4182/836.4	1:1	0.455	-0.04	18.75	19.5	1.189	0.541	22.3
Right tilted	RMC	4182/836.4	1:1	0.393	-0.04	18.75	19.5	1.189	0.467	22.3
Head Test Data at the worst case with SIM2										
Left cheek	RMC	4182/836.4	1:1	0.489	-0.07	19.2	20	1.202	0.588	22.3
Head Test Data at the worst case with Battery 2#										
Left cheek	RMC	4182/836.4	1:1	0.607	0.06	19.2	20	1.202	**0.730**	22.3
Head Test Data at the worst case with Battery 3#										
Left cheek	RMC	4182/836.4	1:1	0.43	0.09	19.2	20	1.202	0.517	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	4182/836.4	1:1	0.473	-0.01	23.84	24	1.038	0.491	22.3
Back side	RMC	4182/836.4	1:1	0.435	-0.14	23.84	24	1.038	0.451	22.3
Body wornTest Data at the worst case with SIM2										
Front side	RMC	4182/836.4	1:1	0.476	-0.03	23.84	24	1.038	0.494	22.3
Body worn Test Data at the worst case with Battery 2#										
Front side	RMC	4182/836.4	1:1	0.486	0.05	23.84	24	1.038	**0.504**	22.3
Body worn Test Data at the worst case with Battery 3#										
Front side	RMC	4182/836.4	1:1	0.473	-0.05	23.84	24	1.038	0.491	22.3
Hotspot 2.4GTest data (Separate 10mm)										
Front side	RMC	4233/846.6	1:1	0.436	0.08	21.28	21.5	1.052	**0.459**	22.3
Back side	RMC	4233/846.6	1:1	0.398	-0.04	21.28	21.5	1.052	0.419	22.3
Left side	RMC	4233/846.6	1:1	0.233	-0.17	21.28	21.5	1.052	0.245	22.3
Right side	RMC	4233/846.6	1:1	0.0307	0.12	21.28	21.5	1.052	0.032	22.3
Top side	RMC	4233/846.6	1:1	0.232	-0.07	21.28	21.5	1.052	0.244	22.3
Hotspot 5GTest data (Separate 10mm)										
Front side	RMC	4233/846.6	1:1	0.284	-0.04	19.86	20	1.033	0.293	22.3
Back side	RMC	4233/846.6	1:1	0.299	-0.01	19.86	20	1.033	0.309	22.3
Left side	RMC	4233/846.6	1:1	0.166	-0.14	19.86	20	1.033	0.171	22.3
Right side	RMC	4233/846.6	1:1	0.0203	0.17	19.86	20	1.033	0.021	22.3
Top side	RMC	4233/846.6	1:1	0.164	-0.02	19.86	20	1.033	0.169	22.3
Hotspot Test Data at the worst case with SIM2										
Front side	RMC	4233/846.6	1:1	0.36	0.01	21.28	21.5	1.052	0.379	22.3
Hotspot Test Data at the worst case with Battery 2#										
Front side	RMC	4233/846.6	1:1	0.383	0.05	21.28	21.5	1.052	0.403	22.3
Hotspot Test Data at the worst case with Battery 3#										
Front side	RMC	4233/846.6	1:1	0.344	0.03	21.28	21.5	1.052	0.362	22.3
Ant2 Additional Test data (simultaneous transmission with 5G WIFI)										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test Data at the worst case with Battery 3#										
Left cheek	RMC	4182/836.6	1:1	0.266	0.06	15.36	16	1.159	0.308	22.3

Table 20： SAR of WCDMA Band V for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.4 SAR Result Of WCDMA Band IV

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	1412/1732.4	1:1	0.123	-0.04	23.19	24	1.205	0.148	22.3
Left tilted	RMC	1412/1732.4	1:1	0.0604	0.11	23.19	24	1.205	0.073	22.3
Right cheek	RMC	1412/1732.4	1:1	0.0913	0.06	23.19	24	1.205	0.110	22.3
Right tilted	RMC	1412/1732.4	1:1	0.0569	0.07	23.19	24	1.205	0.069	22.3
Head Test Data at the worst case with SIM2										
Left cheek	RMC	1412/1732.4	1:1	0.126	0.01	23.19	24	1.205	**0.152**	22.3
Head Test Data at the worst case with Battery 2#										
Left cheek	RMC	1412/1732.4	1:1	0.0883	0.14	23.19	24	1.205	0.106	22.3
Head Test Data at the worst case with Battery 3#										
Left cheek	RMC	1412/1732.4	1:1	0.114	0.05	23.19	24	1.205	0.137	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	1412/1732.4	1:1	0.449	0.08	23.19	24	1.205	**0.541**	22.3
Back side	RMC	1412/1732.4	1:1	0.403	0.16	23.19	24	1.205	0.486	22.3
Body wornTest Data at the worst case with SIM2										
Front side	RMC	1412/1732.4	1:1	0.435	0.04	23.19	24	1.205	0.524	22.3
Body worn Test Data at the worst case with Battery 2#										
Front side	RMC	1412/1732.4	1:1	0.292	0.04	23.19	24	1.205	0.352	22.3
Body worn Test Data at the worst case with Battery 3#										
Front side	RMC	1412/1732.4	1:1	0.276	0.16	23.19	24	1.205	0.333	22.3
Hotspot Test data (Separate 10mm)										
Front side	RMC	1412/1732.4	1:1	0.3	0.14	18.92	19.5	1.143	0.343	22.3
Back side	RMC	1412/1732.4	1:1	0.333	0.03	18.92	19.5	1.143	0.381	22.3
Left side	RMC	1412/1732.4	1:1	0.0918	0.17	18.92	19.5	1.143	0.105	22.3
Right side	RMC	1412/1732.4	1:1	0.0467	0.14	18.92	19.5	1.143	0.053	22.3
Bottom side	RMC	1412/1732.4	1:1	0.6	0.05	18.92	19.5	1.143	0.686	22.3
Hotspot Test Data at the worst case with SIM2										
Bottom side	RMC	1412/1732.4	1:1	0.583	0.07	18.92	19.5	1.143	0.666	22.3
Hotspot Test Data at the worst case with Battery 2#										
Bottom side	RMC	1412/1732.4	1:1	0.651	-0.01	18.92	19.5	1.143	**0.744**	22.3
Hotspot Test Data at the worst case with Battery 3#										
Bottom side	RMC	1412/1732.4	1:1	0.607	-0.09	18.92	19.5	1.143	0.694	22.3
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)10-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Limb Test data sensor on (Separate 0mm)										
Bottom side	RMC	1412/1732.4	1:1	1.59	0.14	20.51	21	1.119	1.780	22.1
Limb Test datasensor off (Separate 7mm)										
Bottom side	RMC	1412/1732.4	1:1	1.71	0.13	23.19	24	1.205	2.061	22.1
Bottom side	RMC	1312/1712.4	1:1	1.56	0.19	23.14	24	1.219	1.902	22.1
Bottom side	RMC	1513/1752.6	1:1	1.75	0.15	23.11	24	1.227	**2.148**	22.1
Limb Test data at the worst case with SIM2 (Separate 7mm)										
Bottom side	RMC	1513/1752.6	1:1	1.71	0.18	23.11	24	1.227	2.099	22.1
Limb Test data at the worst case with Battery 2# (Separate 7mm)										
Bottom side	RMC	1513/1752.6	1:1	1.59	0.06	23.11	24	1.227	1.952	22.1
Limb Test data at the worst case with Battery 3# (Separate 7mm)										
Bottom side	RMC	1513/1752.6	1:1	1.48	0.18	23.11	24	1.227	1.817	22.1

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Ant2 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	1412/1732.4	1:1	0.312	-0.07	18.52	19	1.117	0.348	22.3
Left tilted	RMC	1412/1732.4	1:1	0.324	-0.04	18.52	19	1.117	0.362	22.3
Right cheek	RMC	1412/1732.4	1:1	0.405	0.03	16.25	16.5	1.059	**0.429**	22.3
Right tilted	RMC	1412/1732.4	1:1	0.369	-0.07	16.25	16.5	1.059	0.391	22.3
Head Test Data at the worst case with SIM2										
Right cheek	RMC	1412/1732.4	1:1	0.373	-0.11	16.25	16.5	1.059	0.395	22.3
Head Test Data at the worst case with Battery 2#										
Right cheek	RMC	1412/1732.4	1:1	0.247	-0.04	16.25	16.5	1.059	0.262	22.3
Head Test Data at the worst case with Battery 3#										
Right cheek	RMC	1412/1732.4	1:1	0.378	-0.13	16.25	16.5	1.059	0.400	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	1412/1732.4	1:1	0.283	-0.01	23.7	24	1.072	0.303	22.3
Back side	RMC	1412/1732.4	1:1	0.302	0.05	23.7	24	1.072	0.324	22.3
Body worn Test Data at the worst case with SIM2										
Back side	RMC	1412/1732.4	1:1	0.285	0.02	23.7	24	1.072	0.305	22.3
Body worn Test Data at the worst case with Battery 2#										
Back side	RMC	1412/1732.4	1:1	0.315	0.16	23.7	24	1.072	**0.338**	22.3
Body worn Test Data at the worst case with Battery 3#										
Back side	RMC	1412/1732.4	1:1	0.277	0.12	23.7	24	1.072	0.297	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm)										
Front side	RMC	1412/1732.4	1:1	0.285	0.04	21.05	21.5	1.109	0.316	22.3
Back side	RMC	1412/1732.4	1:1	0.332	0.09	21.05	21.5	1.109	0.368	22.3
Left side	RMC	1412/1732.4	1:1	0.199	0.07	21.05	21.5	1.109	0.221	22.3
Right side	RMC	1412/1732.4	1:1	0.0274	0.07	21.05	21.5	1.109	0.030	22.3
Top side	RMC	1412/1732.4	1:1	0.397	-0.04	21.05	21.5	1.109	0.440	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm)										
Front side	RMC	1412/1732.4	1:1	0.192	0.01	19.52	20	1.117	0.214	22.3
Back side	RMC	1412/1732.4	1:1	0.228	0.19	19.52	20	1.117	0.255	22.3
Left side	RMC	1412/1732.4	1:1	0.163	0.09	19.52	20	1.117	0.182	22.3
Right side	RMC	1412/1732.4	1:1	0.019	0.01	19.52	20	1.117	0.021	22.3
Top side	RMC	1412/1732.4	1:1	0.298	0.02	19.52	20	1.117	0.333	22.3
Hotspot Test Data at the worst case with SIM2										
Top side	RMC	1412/1732.4	1:1	0.429	0.03	21.05	21.5	1.109	**0.476**	22.3
Hotspot Test Data at the worst case with Battery 2#										
Top side	RMC	1412/1732.4	1:1	0.411	0.03	21.05	21.5	1.109	0.456	22.3
Hotspot Test Data at the worst case with Battery 3#										
Top side	RMC	1412/1732.4	1:1	0.394	0.02	21.05	21.5	1.109	0.437	22.3

Table 21：SAR of WCDMA Band IV for Head Body AND Limb.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.5 SAR Result Of WCDMA Band II

Ant1 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	9400/1880	1:1	0.0713	0.07	23.39	24	1.151	0.082	22.3
Left tilted	RMC	9400/1880	1:1	0.0381	0.08	23.39	24	1.151	0.044	22.3
Right cheek	RMC	9400/1880	1:1	0.0876	0.08	23.39	24	1.151	0.101	22.3
Right tilted	RMC	9400/1880	1:1	0.051	0.06	23.39	24	1.151	0.059	22.3
Head Test Data at the worst case with SIM2										
Right cheek	RMC	9400/1880	1:1	0.0896	0.03	23.39	24	1.151	0.103	22.3
Head Test Data at the worst case with Battery 2#										
Right cheek	RMC	9400/1880	1:1	0.129	0.01	23.39	24	1.151	**0.148**	22.3
Head Test Data at the worst case with Battery 3#										
Right cheek	RMC	9400/1880	1:1	0.107	0.07	23.39	24	1.151	0.123	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	9400/1880	1:1	0.369	0.11	23.39	24	1.151	**0.425**	22.3
Back side	RMC	9400/1880	1:1	0.35	0.14	23.39	24	1.151	0.403	22.3
Body worn Test Data at the worst case with SIM2										
Front side	RMC	9400/1880	1:1	0.356	0.14	23.39	24	1.151	0.410	22.3
Body worn Test Data at the worst case with Battery 2#										
Front side	RMC	9400/1880	1:1	0.303	0.19	23.39	24	1.151	0.349	22.3
Body worn Test Data at the worst case with Battery 3#										
Front side	RMC	9400/1880	1:1	0.28	0.05	23.39	24	1.151	0.322	22.3
Hotspot Test data (Separate 10mm)										
Front side	RMC	9400/1880	1:1	0.294	0.05	19.69	20	1.074	0.316	22.3
Back side	RMC	9400/1880	1:1	0.284	0.18	19.69	20	1.074	0.305	22.3
Left side	RMC	9400/1880	1:1	0.0607	0.06	19.69	20	1.074	0.065	22.3
Right side	RMC	9400/1880	1:1	0.057	0.01	19.69	20	1.074	0.061	22.3
Bottom side	RMC	9400/1880	1:1	0.662	0.18	19.69	20	1.074	0.711	22.3
Hotspot Test Data at the worst case with SIM2 (10mm)										
Bottom side	RMC	9400/1880	1:1	0.554	0.12	19.69	20	1.074	0.595	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Bottom side	RMC	9400/1880	1:1	0.75	0.18	19.69	20	1.074	**0.805**	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Bottom side	RMC	9400/1880	1:1	0.538	0.02	19.69	20	1.074	0.578	22.1
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)10-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Limb Test data sensor on (Separate 0mm)										
Bottom side	RMC	9400/1880	1:1	0.961	-0.03	20.6	21.5	1.230	1.182	22.1
Limb Test data sensor off (Separate 7mm)										
Bottom side	RMC	9400/1880	1:1	1.13	-0.03	23.39	24	1.151	1.300	22.1
Limb Test data at the worst case with SIM2 (Separate 7mm)										
Bottom side	RMC	9400/1880	1:1	1.05	-0.01	20.3	21.5	1.318	1.384	22.1
Limb Test data at the worst case with Battery 2# (Separate 7mm)										
Bottom side	RMC	9400/1880	1:1	1.33	-0.02	20.3	21.5	1.318	**1.753**	22.1
Limb Test data at the worst case with Battery 3# (Separate 7mm)										
Bottom side	RMC	9400/1880	1:1	1.23	-0.17	20.3	21.5	1.318	1.621	22.1

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Ant2 Test data										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	9400/1880	1:1	0.384	-0.01	21.72	22	1.067	0.410	22.3
Left tilted	RMC	9400/1880	1:1	0.46	0.03	21.72	22	1.067	0.491	22.3
Right cheek	RMC	9400/1880	1:1	0.786	0.01	17.84	18	1.038	0.815	22.3
Right tilted	RMC	9400/1880	1:1	0.841	0.01	17.84	18	1.038	0.873	22.3
Right cheek	RMC	9262/1852.4	1:1	0.76	0.03	17.7	18	1.072	0.814	22.3
Right cheek	RMC	9538/1907.6	1:1	0.757	0.03	17.65	18	1.084	0.821	22.3
Right tilted	RMC	9262/1852.4	1:1	0.832	0.06	17.7	18	1.072	**0.892**	22.3
Right tilted	RMC	9538/1907.6	1:1	0.82	-0.11	17.65	18	1.084	0.889	22.3
Right tilted - repeat	RMC	9400/1880	1:1	0.839	0.01	17.84	18	1.038	0.870	22.3
Head Test Data at the worst case with SIM2										
Right tilted	RMC	9262/1852.4	1:1	0.822	0.01	17.7	18	1.072	0.881	22.3
Head Test Data at the worst case with Battery 2#										
Right tilted	RMC	9262/1852.4	1:1	0.793	0.07	17.7	18	1.072	0.850	22.3
Head Test Data at the worst case with Battery 3#										
Right tilted	RMC	9262/1852.4	1:1	0.681	0	17.7	18	1.072	0.730	22.3
Body worn Test data (Separate 15mm)										
Front side	RMC	9400/1880	1:1	0.187	0.02	23.49	23.5	1.002	0.187	22.3
Back side	RMC	9400/1880	1:1	0.214	0.2	23.49	23.5	1.002	0.214	22.3
Body worn Test Data at the worst case with SIM2										
Back side	RMC	9400/1880	1:1	0.203	0.05	23.49	23.5	1.002	0.203	22.3
Body worn Test Data at the worst case with Battery 2#										
Back side	RMC	9400/1880	1:1	0.26	0.11	23.49	23.5	1.002	**0.261**	22.3
Body worn Test Data at the worst case with Battery 3#										
Back side	RMC	9400/1880	1:1	0.233	0.04	23.49	23.5	1.002	0.234	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm)										
Front side	RMC	9400/1880	1:1	0.294	0.13	20.94	21	1.014	0.298	22.3
Back side	RMC	9400/1880	1:1	0.215	0.08	20.94	21	1.014	0.218	22.3
Left side	RMC	9400/1880	1:1	0.196	0.19	20.94	21	1.014	0.199	22.3
Right side	RMC	9400/1880	1:1	0.0542	0.06	20.94	21	1.014	0.055	22.3
Top side	RMC	9400/1880	1:1	0.337	0.13	20.94	21	1.014	0.342	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm)										
Front side	RMC	9400/1880	1:1	0.186	0.1	19.48	19.5	1.005	0.187	22.3
Back side	RMC	9400/1880	1:1	0.154	0.08	19.48	19.5	1.005	0.155	22.3
Left side	RMC	9400/1880	1:1	0.142	0.02	19.48	19.5	1.005	0.143	22.3
Right side	RMC	9400/1880	1:1	0.0373	0.07	19.48	19.5	1.005	0.037	22.3
Top side	RMC	9400/1880	1:1	0.229	0.12	19.48	19.5	1.005	0.230	22.3
Hotspot Test Data at the worst case with SIM2 (10mm)										
Top side	RMC	9400/1880	1:1	0.339	0.19	20.94	21	1.014	0.344	22.1
Hotspot Test Data at the worst case with Battery 2# (10mm)										
Top side	RMC	9400/1880	1:1	0.417	0.05	20.94	21	1.014	**0.423**	22.1
Hotspot Test Data at the worst case with Battery 3# (10mm)										
Top side	RMC	9400/1880	1:1	0.373	0.02	20.94	21	1.014	0.378	22.1

Ant2 Additional Test data(simultaneous transmission with 5G WIFI)										
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp**
Head Test data										
Left cheek	RMC	9400/1880	1:1	0.20	-0.02	17.83	18	1.040	0.208	22.3

Table 22：SAR of WCDMA Band II for Head Body AND Limb.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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Test Position	Channel/ Frequency (MHz)	Measured SAR (1g)	1st Repeated SAR (1g)	Ratio	2nd Repeated SAR (1g)	3rd Repeated SAR (1g)
Back Side	9400/1880	0.892	0.87	1.03	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						

Table 23： SAR Measurement Variability Results

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8.3.6 SAR Result Of LTE Band 2

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_99 offset)											
Left cheek	20	QPSK	18900/1880	1:1	0.146	0.07	23.99	24	1.002	0.146	22.3
Left tilted	20	QPSK	18900/1880	1:1	0.0707	0.12	23.99	24	1.002	0.071	22.3
Right cheek	20	QPSK	18900/1880	1:1	0.16	0.02	23.99	24	1.002	0.16	22.3
Right tilted	20	QPSK	18900/1880	1:1	0.0978	0.02	23.99	24	1.002	0.098	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	18700/1860	1:1	0.111	0.03	22.35	23	1.161	0.129	22.3
Left tilted	20	QPSK	18700/1860	1:1	0.0493	0.09	22.35	23	1.161	0.057	22.3
Right cheek	20	QPSK	18700/1860	1:1	0.106	0.09	22.35	23	1.161	0.123	22.3
Right tilted	20	QPSK	18700/1860	1:1	0.0731	0.01	22.35	23	1.161	0.085	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	18900/1880	1:1	0.174	0.08	23.99	24	1.002	0.174	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	18900/1880	1:1	0.189	0.02	23.99	24	1.002	**0.189**	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	18900/1880	1:1	0.158	0.07	23.99	24	1.002	0.158	22.3
Body worn Test data (Separate 15mm 1RB_99 offset)											
Front side	20	QPSK	18900/1880	1:1	0.617	0.11	23.99	24	1.002	**0.618**	22.3
Back side	20	QPSK	18900/1880	1:1	0.539	0.05	23.99	24	1.002	0.540	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	18700/1860	1:1	0.466	0.08	22.35	23	1.161	0.541	22.3
Back side	20	QPSK	18700/1860	1:1	0.227	0.06	22.35	23	1.161	0.264	22.3
Body worn Test Data at the worst case with SIM2											
Front side	20	QPSK	18900/1880	1:1	0.605	0.03	23.99	24	1.002	0.606	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	20	QPSK	18900/1880	1:1	0.561	0.07	23.99	24	1.002	0.562	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	20	QPSK	18900/1880	1:1	0.507	0.12	23.99	24	1.002	0.508	22.3
Hotspot Test data (Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	19100/1900	1:1	0.23	0.16	18.44	19	1.138	0.262	22.3
Back side	20	QPSK	19100/1900	1:1	0.263	0.05	18.44	19	1.138	0.299	22.3
Left side	20	QPSK	19100/1900	1:1	0.0486	0.01	18.44	19	1.138	0.055	22.3
Right side	20	QPSK	19100/1900	1:1	0.0559	-0.2	18.44	19	1.138	0.064	22.3
Bottom side	20	QPSK	19100/1900	1:1	0.636	-0.01	18.44	19	1.138	0.724	22.3
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	19100/1900	1:1	0.232	-0.01	18.22	19	1.197	0.278	22.3
Back side	20	QPSK	19100/1900	1:1	0.252	0.03	18.22	19	1.197	0.302	22.3
Left side	20	QPSK	19100/1900	1:1	0.0417	0.01	18.22	19	1.197	0.050	22.3
Right side	20	QPSK	19100/1900	1:1	0.0551	-0.01	18.22	19	1.197	0.066	22.3
Bottom side	20	QPSK	19100/1900	1:1	0.61	-0.04	18.22	19	1.197	**0.730**	22.3
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	19100/1900	1:1	0.609	-0.02	18.22	19	1.197	0.729	22.3
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	19100/1900	1:1	0.542	-0.03	18.22	19	1.197	0.649	22.3
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	19100/1900	1:1	0.494	-0.03	18.22	19	1.197	0.591	22.3

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Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Limb Test data-sensor on (Separate 0mm 1RB_50 offset)											
Bottom side	20	QPSK	18900/1880	1:1	1.28	-0.1	21.25	21.5	1.059	1.356	22.3
Limb Test data-sensor off (Separate 7mm 1RB_50 offset)											
Bottom side	20	QPSK	18900/1880	1:1	1.56	-0.06	23.99	24	1.002	1.564	22.3
Limb Test data-sensor on (Separate 0mm 50%RB_0 offset)											
Bottom side	20	QPSK	18700/1860	1:1	1.39	-0.03	20.84	21.5	1.164	**1.618**	22.3
Limb Test data-sensor off (Separate 7mm 50%RB_0 offset)											
Bottom side	20	QPSK	18700/1860	1:1	1.32	-0.02	22.35	23	1.161	1.533	22.3
Limb Test Data at the worst case with SIM2											
Bottom side	20	QPSK	18700/1860	1:1	1.38	-0.06	20.84	21.5	1.164	1.606	22.3
Limb Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	18700/1860	1:1	1.46	-0.05	20.84	21.5	1.164	**1.700**	22.3
Limb Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	18700/1860	1:1	1.27	-0.08	20.84	21.5	1.164	1.478	22.3

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Ant2 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_99 offset)											
Left cheek	20	QPSK	19100/1900	1:1	0.236	0.02	20.61	21.5	1.227	0.290	22.3
Left tilted	20	QPSK	19100/1900	1:1	0.303	0.04	20.61	21.5	1.227	0.372	22.3
Right cheek	20	QPSK	18700/1860	1:1	0.533	-0.01	16.09	17	1.233	0.657	22.3
Right tilted	20	QPSK	18700/1860	1:1	0.482	-0.01	16.09	17	1.233	0.594	22.3
Head Test data (50%RB_50 offset)											
Left cheek	20	QPSK	19100/1900	1:1	0.237	0.02	20.6	21.5	1.230	0.292	22.3
Left tilted	20	QPSK	19100/1900	1:1	0.307	0.07	20.6	21.5	1.230	0.378	22.3
Right cheek	20	QPSK	19100/1900	1:1	0.559	-0.03	16.07	17	1.239	0.692	22.3
Right tilted	20	QPSK	19100/1900	1:1	0.531	0.05	16.07	17	1.239	0.658	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	19100/1900	1:1	0.557	0.06	16.07	17	1.239	0.690	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	19100/1900	1:1	0.6	0.03	16.07	17	1.239	**0.743**	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	19100/1900	1:1	0.461	0.03	16.07	17	1.239	0.571	22.3
Body worn Test data (Separate 15mm 1RB_99 offset)											
Front side	20	QPSK	18900/1880	1:1	0.139	0.16	24.27	24.5	1.054	0.147	22.3
Back side	20	QPSK	18900/1880	1:1	0.162	0.14	24.27	24.5	1.054	0.171	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	18700/1860	1:1	0.123	0.01	22.6	23.5	1.230	0.151	22.3
Back side	20	QPSK	18700/1860	1:1	0.149	0.08	22.6	23.5	1.230	0.183	22.3
Body worn Test data at the worst case with SIM2											
Back side	20	QPSK	18700/1860	1:1	0.155	0.01	22.6	23.5	1.230	0.191	22.3
Body worn Test data at the worst case with Battery 2#											
Back side	20	QPSK	18700/1860	1:1	0.166	0.18	22.6	23.5	1.230	**0.204**	22.3
Body worn Test data at the worst case with Battery 3#											
Back side	20	QPSK	18700/1860	1:1	0.154	0.11	22.6	23.5	1.230	0.189	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	19100/1900	1:1	0.167	0.06	21.97	22	1.007	0.168	22.3
Back side	20	QPSK	19100/1900	1:1	0.154	-0.04	21.97	22	1.007	0.155	22.3
Left side	20	QPSK	19100/1900	1:1	0.132	0	21.97	22	1.007	0.133	22.3
Right side	20	QPSK	19100/1900	1:1	0.0401	-0.08	21.97	22	1.007	0.040	22.3
Top side	20	QPSK	19100/1900	1:1	0.248	-0.18	21.97	22	1.007	0.250	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_25 offset)											
Front side	20	QPSK	18700/1860	1:1	0.184	0.11	21.93	22	1.016	0.187	22.3
Back side	20	QPSK	18700/1860	1:1	0.168	-0.02	21.93	22	1.016	0.171	22.3
Left side	20	QPSK	18700/1860	1:1	0.162	0.01	21.93	22	1.016	0.165	22.3
Right side	20	QPSK	18700/1860	1:1	0.0359	0.05	21.93	22	1.016	0.036	22.3
Top side	20	QPSK	18700/1860	1:1	0.248	-0.09	21.93	22	1.016	0.252	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	18900/1880	1:1	0.29	0.12	20.46	20.5	1.009	0.293	22.3
Back side	20	QPSK	18900/1880	1:1	0.253	-0.06	20.46	20.5	1.009	0.255	22.3
Left side	20	QPSK	18900/1880	1:1	0.0293	0.08	20.46	20.5	1.009	0.030	22.3
Right side	20	QPSK	18900/1880	1:1	0.0785	-0.1	20.46	20.5	1.009	0.079	22.3
Top side	20	QPSK	18900/1880	1:1	0.438	-0.09	20.46	20.5	1.009	**0.442**	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_25 offset)											
Front side	20	QPSK	18700/1860	1:1	0.116	0.04	20.43	20.5	1.016	0.118	22.3
Back side	20	QPSK	18700/1860	1:1	0.108	-0.11	20.43	20.5	1.016	0.110	22.3
Left side	20	QPSK	18700/1860	1:1	0.12	0.05	20.43	20.5	1.016	0.122	22.3
Right side	20	QPSK	18700/1860	1:1	0.227	0.11	20.43	20.5	1.016	0.231	22.3
Top side	20	QPSK	18700/1860	1:1	0.19	-0.15	20.43	20.5	1.016	0.193	22.3
Hotspot Test Data at the worst case with SIM2											
Top side	20	QPSK	18900/1880	1:1	0.4	-0.05	20.46	20.5	1.009	0.404	22.3
Hotspot Test Data at the worst case with Battery 2#											
Top side	20	QPSK	18900/1880	1:1	0.399	-0.17	20.46	20.5	1.009	0.403	22.3
Hotspot Test Data at the worst case with Battery 3#											
Top side	20	QPSK	18900/1880	1:1	0.367	-0.16	20.46	20.5	1.009	0.370	22.3

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Table 24： SAR of LTE Band 2 for Head Body AND Limb.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.1 SAR Result Of LTE Band 4

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_50 offset)											
Left cheek	20	QPSK	20175/1732.5	1:1	0.092	0.09	23.70	24	1.072	0.099	22.3
Left tilted	20	QPSK	20175/1732.5	1:1	0.0347	0.11	23.70	24	1.072	0.037	22.3
Right cheek	20	QPSK	20175/1732.5	1:1	0.0731	0.09	23.70	24	1.072	0.078	22.3
Right tilted	20	QPSK	20175/1732.5	1:1	0.0466	0.07	23.70	24	1.072	0.050	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	20300/1745	1:1	0.124	0.08	22.88	23	1.028	0.128	22.3
Left tilted	20	QPSK	20300/1745	1:1	0.0451	-0.04	22.88	23	1.028	0.046	22.3
Right cheek	20	QPSK	20300/1745	1:1	0.101	0.07	22.88	23	1.028	0.104	22.3
Right tilted	20	QPSK	20300/1745	1:1	0.0646	0.19	22.88	23	1.028	0.066	22.3
Head Test Data at the worst case with SIM2											
Left cheek	20	QPSK	20300/1745	1:1	0.11	0.1	22.88	23	1.028	0.113	22.3
Head Test Data at the worst case with Battery 2#											
Left cheek	20	QPSK	20300/1745	1:1	0.126	0.06	22.88	23	1.028	**0.130**	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	20	QPSK	20300/1745	1:1	0.124	0.03	22.88	23	1.028	0.128	22.3
Body worn Test data (Separate 15mm 1RB_50 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.248	0.06	23.70	24	1.072	0.266	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.235	0.04	23.70	24	1.072	0.252	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	20300/1745	1:1	0.371	0.01	22.88	23	1.028	**0.381**	22.3
Back side	20	QPSK	20300/1745	1:1	0.362	0.03	22.88	23	1.028	0.372	22.3
Body worn Test Data at the worst case with SIM2											
Front side	20	QPSK	20300/1745	1:1	0.344	-0.02	22.88	23	1.028	0.354	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	20	QPSK	20300/1745	1:1	0.329	-0.08	22.88	23	1.028	0.338	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	20	QPSK	20300/1745	1:1	0.312	0.11	22.88	23	1.028	0.321	22.3
Hotspot Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.304	0.03	18.26	19.5	1.330	0.404	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.303	0.07	18.26	19.5	1.330	0.403	22.3
Left side	20	QPSK	20175/1732.5	1:1	0.07	-0.01	18.26	19.5	1.330	0.093	22.3
Right side	20	QPSK	20175/1732.5	1:1	0.0421	0.09	18.26	19.5	1.330	0.056	22.3
Bottom side	20	QPSK	20175/1732.5	1:1	0.626	-0.12	18.26	19.5	1.330	0.833	22.3
Bottom side	20	QPSK	20050/1720	1:1	0.61	-0.07	18.19	19.5	1.351	0.824	22.3
Bottom side	20	QPSK	20300/1745	1:1	0.629	-0.07	18.22	19.5	1.343	0.845	22.3
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.307	-0.06	18.18	19.5	1.355	0.416	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.304	0.07	18.18	19.5	1.355	0.412	22.3
Left side	20	QPSK	20175/1732.5	1:1	0.0707	-0.08	18.18	19.5	1.355	0.096	22.3
Right side	20	QPSK	20175/1732.5	1:1	0.0412	0.07	18.18	19.5	1.355	0.056	22.3
Bottom side	20	QPSK	20175/1732.5	1:1	0.625	-0.07	18.18	19.5	1.355	0.847	22.3
Bottom side	20	QPSK	20050/1720	1:1	0.605	-0.07	18.17	19.5	1.359	0.822	22.3
Bottom side	20	QPSK	20300/1745	1:1	0.637	0.04	18.17	19.5	1.357	**0.865**	22.3
Hotspot Test data (Separate 10mm 100%RB_0 offset)											
Bottom side	20	QPSK	20175/1732.5	1:1	0.618	-0.08	18.16	19.5	1.361	0.841	22.3
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	20300/1745	1:1	0.633	-0.06	18.17	19.5	1.357	0.859	22.3
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	20300/1745	1:1	0.581	-0.07	18.17	19.5	1.357	0.789	22.3
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	20300/1745	1:1	0.565	0.09	18.17	19.5	1.357	0.767	22.3

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Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Limb Test data-sensor on (Separate 0mm 1RB_0 offset)											
Bottom side	20	QPSK	20175/1732.5	1:1	1.6	0.04	21.00	21.5	1.122	1.795	22.3
Limb Test data-sensor on (Separate 0mm 50%RB_0 offset)											
Bottom side	20	QPSK	20050/1720	1:1	1.59	0.02	20.54	21.5	1.247	**1.983**	22.3
Limb Test data-sensor off (Separate 7mm 1RB_50 offset)											
Bottom side	20	QPSK	20300/1745	1:1	1.4	-0.01	23.67	24	1.079	1.511	22.3
Limb Test data-sensor off (Separate 7mm 50%RB_0 offset)											
Bottom side	20	QPSK	20300/1745	1:1	1.19	-0.01	22.88	23	1.028	1.224	22.3
Limb Test data-sensor off (Separate 7mm 100%RB_0 offset)											
Bottom side	20	QPSK	20300/1745	1:1	1.18	-0.01	22.77	23	1.055	1.244	22.3
Limb Test Data at the worst case with SIM2(Separate 0mm)											
Bottom side	20	QPSK	20175/1732.5	1:1	1.59	0.17	20.54	21.5	1.247	**1.983**	22.3
Limb Test Data at the worst case with Battery 2# (Separate 0mm)											
Bottom side	20	QPSK	20175/1732.5	1:1	1.35	0.02	20.54	21.5	1.247	1.684	22.3
Limb Test Data at the worst case with Battery 3# (Separate 0mm)											
Bottom side	20	QPSK	20175/1732.5	1:1	1.55	0.04	20.54	21.5	1.247	1.933	22.3

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Ant2 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_0 offset)											
Left cheek	20	QPSK	20050/1720	1:1	0.309	0.01	21.25	21.5	1.059	0.327	22.3
Left tilted	20	QPSK	20050/1720	1:1	0.304	-0.03	21.25	21.5	1.059	0.322	22.3
Right cheek	20	QPSK	20050/1720	1:1	0.368	0.02	18.97	19	1.007	0.371	22.3
Right tilted	20	QPSK	20050/1720	1:1	0.426	-0.13	18.97	19	1.007	0.429	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	20175/1732.5	1:1	0.21	0.2	21.21	21.5	1.069	0.224	22.3
Left tilted	20	QPSK	20175/1732.5	1:1	0.212	0.1	21.21	21.5	1.069	0.227	22.3
Right cheek	20	QPSK	20050/1720	1:1	0.413	0.04	18.96	19	1.009	0.417	22.3
Right tilted	20	QPSK	20050/1720	1:1	0.465	-0.02	18.96	19	1.009	**0.469**	22.3
Head Test Data at the worst case with SIM2											
Right tilted	20	QPSK	20050/1720	1:1	0.373	0.01	18.96	19	1.009	0.376	22.3
Head Test Data at the worst case with Battery 2#											
Right tilted	20	QPSK	20050/1720	1:1	0.405	0.05	18.96	19	1.009	0.409	22.3
Head Test Data at the worst case with Battery 3#											
Right tilted	20	QPSK	20050/1720	1:1	0.376	-0.06	18.96	19	1.009	0.379	22.3
Body worn Test data (Separate 15mm 1RB_50 offset)											
Front side	20	QPSK	20050/1720	1:1	0.339	-0.17	21.46	21.5	1.009	0.342	22.3
Back side	20	QPSK	20050/1720	1:1	0.387	0.11	21.46	21.5	1.009	**0.390**	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.146	0.03	21.43	21.5	1.015	0.148	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.169	0.06	21.43	21.5	1.015	0.172	22.3
Body worn Test Data at the worst case with SIM2											
Back side	20	QPSK	20050/1720	1:1	0.387	-0.04	21.46	21.5	1.009	0.390	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	20	QPSK	20050/1720	1:1	0.343	-0.05	21.46	21.5	1.009	0.346	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	20	QPSK	20050/1720	1:1	0.309	-0.18	21.46	21.5	1.009	0.312	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_50 offset)											
Front side	20	QPSK	20050/1720	1:1	0.337	0.05	17.72	19	1.343	0.453	22.3
Back side	20	QPSK	20050/1720	1:1	0.348	0.09	17.72	19	1.343	0.467	22.3
Left side	20	QPSK	20050/1720	1:1	0.241	0.03	17.72	19	1.343	0.324	22.3
Right side	20	QPSK	20050/1720	1:1	0.0287	0.2	17.72	19	1.343	0.039	22.3
Top side	20	QPSK	20050/1720	1:1	0.388	-0.09	17.72	19	1.343	**0.521**	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	20050/1720	1:1	0.229	0.02	17.63	19	1.371	0.314	22.3
Back side	20	QPSK	20050/1720	1:1	0.242	0.17	17.63	19	1.371	0.332	22.3
Left side	20	QPSK	20050/1720	1:1	0.151	0.13	17.63	19	1.371	0.207	22.3
Right side	20	QPSK	20050/1720	1:1	0.0183	0.05	17.63	19	1.371	0.025	22.3
Top side	20	QPSK	20050/1720	1:1	0.264	-0.19	17.63	19	1.371	0.362	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_50 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.133	0.18	17.48	17.5	1.005	0.134	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.155	0.05	17.48	17.5	1.005	0.156	22.3
Left side	20	QPSK	20175/1732.5	1:1	0.133	0.02	17.48	17.5	1.005	0.134	22.3
Right side	20	QPSK	20175/1732.5	1:1	0.0971	-0.05	17.48	17.5	1.005	0.098	22.3
Top side	20	QPSK	20175/1732.5	1:1	0.126	0.05	17.48	17.5	1.005	0.127	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	20175/1732.5	1:1	0.106	0.13	17.45	17.5	1.012	0.107	22.3
Back side	20	QPSK	20175/1732.5	1:1	0.128	0.07	17.45	17.5	1.012	0.129	22.3
Left side	20	QPSK	20175/1732.5	1:1	0.114	0.04	17.45	17.5	1.012	0.115	22.3
Right side	20	QPSK	20175/1732.5	1:1	0.0632	0.09	17.45	17.5	1.012	0.064	22.3
Top side	20	QPSK	20175/1732.5	1:1	0.103	0.03	17.45	17.5	1.012	0.104	22.3
Hotspot Test Data at the worst case with SIM2											
Top side	20	QPSK	20050/1720	1:1	0.375	-0.09	17.72	19	1.343	0.504	22.3
Hotspot Test Data at the worst case with Battery 2#											
Top side	20	QPSK	20050/1720	1:1	0.362	-0.09	17.72	19	1.343	0.486	22.3
Hotspot Test Data at the worst case with Battery 3#											
Top side	20	QPSK	20050/1720	1:1	0.357	-0.09	17.72	19	1.343	0.479	22.3

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Table 25： SAR of LTE Band 4 for Head Body AND Limb.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.2 SAR Result Of LTE Band 5

Ant1 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	10	QPSK	20450/829	1:1	0.0903	0.07	23.92	24	1.019	0.092	22.3
Left tilted	10	QPSK	20450/829	1:1	0.0443	0.18	23.92	24	1.019	0.045	22.3
Right cheek	10	QPSK	20450/829	1:1	0.119	0.07	23.92	24	1.019	0.121	22.3
Right tilted	10	QPSK	20450/829	1:1	0.0535	0.07	23.92	24	1.019	0.054	22.3
Head Test data (50%RB_0 offset)											
Left cheek	10	QPSK	20450/829	1:1	0.0836	0.09	22.54	23	1.112	0.093	22.3
Left tilted	10	QPSK	20450/829	1:1	0.0427	0.0342	22.54	23	1.112	0.047	22.3
Right cheek	10	QPSK	20450/829	1:1	0.113	0.08	22.54	23	1.112	**0.126**	22.3
Right tilted	10	QPSK	20450/829	1:1	0.0484	0.07	22.54	23	1.112	0.054	22.3
Head Test Data at the worst case with SIM2											
Right cheek	10	QPSK	20450/829	1:1	0.11	0.05	22.54	23	1.112	0.122	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	10	QPSK	20450/829	1:1	0.0943	0.16	22.54	23	1.112	0.105	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	10	QPSK	20450/829	1:1	0.0821	0.07	22.54	23	1.112	0.091	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.144	-0.05	23.92	24	1.019	0.147	22.3
Back side	10	QPSK	20450/829	1:1	0.147	0.09	23.92	24	1.019	**0.150**	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.132	-0.09	22.54	23	1.112	0.147	22.3
Back side	10	QPSK	20450/829	1:1	0.133	0.03	22.54	23	1.112	0.148	22.3
Body worn Test data at the worst case with SIM2											
Back side	10	QPSK	20450/829	1:1	0.145	0.04	23.92	24	1.019	0.148	22.3
Body worn Test data at the worst case with Battery 2#											
Back side	10	QPSK	20450/829	1:1	0.126	0.02	23.92	24	1.019	0.128	22.3
Body worn Test data at the worst case with Battery 3#											
Back side	10	QPSK	20450/829	1:1	0.117	-0.06	23.92	24	1.019	0.119	22.3
Hotspot Test data (Separate 10mm 1RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.219	-0.04	23.92	24	1.019	0.223	22.3
Back side	10	QPSK	20450/829	1:1	0.255	0.04	23.92	24	1.019	**0.260**	22.3
Left side	10	QPSK	20450/829	1:1	0.059	0.01	23.92	24	1.019	0.060	22.3
Right side	10	QPSK	20450/829	1:1	0.153	0.1	23.92	24	1.019	0.156	22.3
Bottom side	10	QPSK	20450/829	1:1	0.191	0.07	23.92	24	1.019	0.195	22.3
Hotspot Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.201	0.03	22.54	23	1.112	0.223	22.3
Back side	10	QPSK	20450/829	1:1	0.229	0.05	22.54	23	1.112	0.255	22.3
Left side	10	QPSK	20450/829	1:1	0.0554	0.14	22.54	23	1.112	0.062	22.3
Right side	10	QPSK	20450/829	1:1	0.136	0.09	22.54	23	1.112	0.151	22.3
Bottom side	10	QPSK	20450/829	1:1	0.172	0.06	22.54	23	1.112	0.191	22.3
Hotspot Test data at the worst case with SIM2											
Back side	10	QPSK	20450/829	1:1	0.244	-0.08	23.92	24	1.019	0.249	22.3
Hotspot Test data at the worst case with Battery 2#											
Back side	10	QPSK	20450/829	1:1	0.217	0	23.92	24	1.019	0.221	22.3
Hotspot Test data at the worst case with Battery 3#											
Back side	10	QPSK	20450/829	1:1	0.212	0.02	23.92	24	1.019	0.216	22.3

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Ant2 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB offset)											
Left cheek	10	QPSK	20600/844	1:1	0.26	0.02	17.82	19	1.312	0.341	22.3
Left tilted	10	QPSK	20600/844	1:1	0.206	0.03	17.82	19	1.312	0.270	22.3
Right cheek	10	QPSK	20525/836.5	1:1	0.313	-0.02	17.33	18.5	1.309	0.410	22.3
Right tilted	10	QPSK	20525/836.5	1:1	0.32	0.03	17.33	18.5	1.309	0.419	22.3
Head Test data (50%RB_25 offset)											
Left cheek	10	QPSK	20600/844	1:1	0.301	-0.02	17.88	19	1.294	0.390	22.3
Left tilted	10	QPSK	20600/844	1:1	0.227	-0.04	17.88	19	1.294	0.294	22.3
Right cheek	10	QPSK	20525/836.5	1:1	0.323	0.01	17.37	18.5	1.297	0.419	22.3
Right tilted	10	QPSK	20525/836.5	1:1	0.331	0.01	17.37	18.5	1.297	**0.429**	22.3
Head Test Data at the worst case with SIM2											
Right tilted	10	QPSK	20525/836.5	1:1	0.295	0	17.37	18.5	1.297	0.383	22.3
Head Test Data at the worst case with Battery 2#											
Right tilted	10	QPSK	20525/836.5	1:1	0.252	-0.03	17.37	18.5	1.297	0.327	22.3
Head Test Data at the worst case with Battery 3#											
Right tilted	10	QPSK	20525/836.5	1:1	0.28	0.02	17.37	18.5	1.297	0.363	22.3
Body worn Test data (Separate 15mm 1RB_25 offset)											
Front side	10	QPSK	20450/829	1:1	0.467	-0.07	23.82	24	1.042	0.487	22.3
Back side	10	QPSK	20450/829	1:1	0.437	-0.13	23.82	24	1.042	0.455	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.353	-0.09	22.35	23	1.161	0.410	22.3
Back side	10	QPSK	20450/829	1:1	0.329	-0.17	22.35	23	1.161	0.382	22.3
Body worn Test Data at the worst case with SIM2											
Front side	10	QPSK	20450/829	1:1	0.469	0	23.82	24	1.042	**0.489**	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	10	QPSK	20450/829	1:1	0.452	-0.09	23.82	24	1.042	0.471	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	10	QPSK	20450/829	1:1	0.326	0.01	23.82	24	1.042	0.340	22.3
Hotspot actived for 2.4G WIFI Test data(Separate 10mm 1RB_25 offset)											
Front side	10	QPSK	20450/829	1:1	0.412	0.04	21.49	21.5	1.002	**0.413**	22.3
Back side	10	QPSK	20450/829	1:1	0.384	-0.14	21.49	21.5	1.002	0.385	22.3
Left side	10	QPSK	20450/829	1:1	0.217	-0.15	21.49	21.5	1.002	0.218	22.3
Right side	10	QPSK	20450/829	1:1	0.038	-0.14	21.49	21.5	1.002	0.038	22.3
Top side	10	QPSK	20450/829	1:1	0.233	-0.18	21.49	21.5	1.002	0.234	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.375	0.04	21.34	21.5	1.038	0.389	22.3
Back side	10	QPSK	20450/829	1:1	0.344	0.03	21.34	21.5	1.038	0.357	22.3
Left side	10	QPSK	20450/829	1:1	0.202	-0.17	21.34	21.5	1.038	0.210	22.3
Right side	10	QPSK	20450/829	1:1	0.0366	-0.12	21.34	21.5	1.038	0.038	22.3
Top side	10	QPSK	20450/829	1:1	0.218	-0.16	21.34	21.5	1.038	0.226	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_25 offset)											
Front side	10	QPSK	20450/829	1:1	0.301	0.11	19.98	20	1.005	0.302	22.3
Back side	10	QPSK	20450/829	1:1	0.272	0.02	19.98	20	1.005	0.273	22.3
Left side	10	QPSK	20450/829	1:1	0.156	-0.05	19.98	20	1.005	0.157	22.3
Right side	10	QPSK	20450/829	1:1	0.0163	-0.01	19.98	20	1.005	0.016	22.3
Top side	10	QPSK	20450/829	1:1	0.309	-0.13	19.98	20	1.005	0.310	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	20450/829	1:1	0.258	-0.03	19.86	20	1.033	0.266	22.3
Back side	10	QPSK	20450/829	1:1	0.232	-0.1	19.86	20	1.033	0.240	22.3
Left side	10	QPSK	20450/829	1:1	0.146	-0.11	19.86	20	1.033	0.151	22.3
Right side	10	QPSK	20450/829	1:1	0.0151	0.03	19.86	20	1.033	0.016	22.3
Top side	10	QPSK	20450/829	1:1	0.268	-0.13	19.86	20	1.033	0.277	22.3

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Hotspot Test Data at the worst case with SIM2											
Front side	10	QPSK	20450/829	1:1	0.411	0.09	21.49	21.5	1.002	**0.412**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	10	QPSK	20450/829	1:1	0.385	0.02	21.49	21.5	1.002	0.386	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	10	QPSK	20450/829	1:1	0.371	-0.01	21.49	21.5	1.002	0.372	22.3

Table 26： SAR of LTE Band 5 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.3 SAR Result Of LTE Band 7

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_99 offset)											
Left cheek	20	QPSK	21100/2535.5	1:1	0.031	0.06	22.46	23.5	1.271	0.039	22.3
Left tilted	20	QPSK	21100/2535.5	1:1	0.0244	0.12	22.46	23.5	1.271	0.031	22.3
Right cheek	20	QPSK	21100/2535.5	1:1	0.125	0.04	22.46	23.5	1.271	0.159	22.3
Right tilted	20	QPSK	21100/2535.5	1:1	0.0334	0.09	22.46	23.5	1.271	0.042	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	21100/2535.5	1:1	0.0163	0.01	21.5	22.5	1.259	0.021	22.3
Left tilted	20	QPSK	21100/2535.5	1:1	0.00281	0.05	21.5	22.5	1.259	0.004	22.3
Right cheek	20	QPSK	21100/2535.5	1:1	0.0666	0.06	21.5	22.5	1.259	0.084	22.3
Right tilted	20	QPSK	21100/2535.5	1:1	0.0158	0.07	21.5	22.5	1.259	0.020	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	21100/2535.5	1:1	0.13	0.06	22.46	23.5	1.271	**0.165**	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	21100/2535.5	1:1	0.0938	0.09	22.46	23.5	1.271	0.119	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	21100/2535.5	1:1	0.101	0.05	22.46	23.5	1.271	0.128	22.3
Body worn Test data (Separate 15mm 1RB_99 offset)											
Front side	20	QPSK	21100/2535.5	1:1	0.367	0.02	22.46	23.5	1.271	**0.466**	22.3
Back side	20	QPSK	21100/2535.5	1:1	0.344	0.01	22.46	23.5	1.271	0.437	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	21100/2535.5	1:1	0.206	-0.04	21.5	22.5	1.259	0.259	22.3
Back side	20	QPSK	21100/2535.5	1:1	0.194	0.06	21.5	22.5	1.259	0.244	22.3
Body worn Test Data at the worst case with SIM2											
Front side	20	QPSK	21100/2535.5	1:1	0.354	0.13	22.46	23.5	1.271	0.450	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	20	QPSK	21100/2535.5	1:1	0.354	0.05	22.46	23.5	1.271	0.450	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	20	QPSK	21100/2535.5	1:1	0.323	0.03	22.46	23.5	1.271	0.410	22.3
Hotspot Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	21350/2560	1:1	0.181	0.09	17.92	18.5	1.143	0.207	22.3
Back side	20	QPSK	21350/2560	1:1	0.166	0.17	17.92	18.5	1.143	0.190	22.3
Left side	20	QPSK	21350/2560	1:1	0.107	-0.01	17.92	18.5	1.143	0.122	22.3
Right side	20	QPSK	21350/2560	1:1	0.027	0.17	17.92	18.5	1.143	0.031	22.3
Bottom side	20	QPSK	21350/2560	1:1	0.473	-0.02	17.92	18.5	1.143	0.541	22.3
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	21350/2560	1:1	0.181	-0.13	17.76	18.5	1.186	0.215	22.3
Back side	20	QPSK	21350/2560	1:1	0.168	-0.03	17.76	18.5	1.186	0.199	22.3
Left side	20	QPSK	21350/2560	1:1	0.0702	-0.05	17.76	18.5	1.186	0.083	22.3
Right side	20	QPSK	21350/2560	1:1	0.0272	-0.09	17.76	18.5	1.186	0.032	22.3
Bottom side	20	QPSK	21350/2560	1:1	0.467	-0.07	17.76	18.5	1.186	0.554	22.3
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	21350/2560	1:1	0.508	-0.02	17.76	18.5	1.186	**0.602**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	21350/2560	1:1	0.403	-0.05	17.76	18.5	1.186	0.478	22.3
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	21350/2560	1:1	0.432	-0.18	17.76	18.5	1.186	0.512	22.3

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Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Limb Test data-sensor on (Separate 0mm 1RB_99 offset)											
Bottom side	20	QPSK	21100/2535.5	1:1	1.53	0.04	21.98	22.5	1.127	1.725	22.3
Limb Test data-sensor off (Separate 7mm 1RB_99 offset)											
Bottom side	20	QPSK	21100/2535.5	1:1	1.11	-0.05	21.98	22.5	1.127	1.251	22.3
Limb Test data-sensor on (Separate 0mm 50%RB_50 offset)											
Bottom side	20	QPSK	21100/2535.5	1:1	1.54	-0.07	21.9	22.5	1.148	1.768	22.3
Limb Test data-sensor off (Separate 7mm 50%RB_50 offset)											
Bottom side	20	QPSK	21100/2535.5	1:1	0.874	-0.08	21.9	22.5	1.148	1.003	22.3
Limb Test Data at the worst case with SIM2											
Bottom side	20	QPSK	21100/2535.5	1:1	1.48	0.03	21.9	22.5	1.148	1.699	22.3
Limb Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	21100/2535.5	1:1	1.7	-0.03	21.9	22.5	1.148	**1.952**	22.3
Limb Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	21100/2535.5	1:1	1.41	-0.08	21.9	22.5	1.148	1.619	22.3

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Ant2 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_99 offset)											
Left cheek	20	QPSK	20850/2510	1:1	0.141	0.12	15.82	16.5	1.169	0.165	22.3
Left tilted	20	QPSK	20850/2510	1:1	0.127	0.16	15.82	16.5	1.169	0.149	22.3
Right cheek	20	QPSK	20850/2510	1:1	0.398	0.09	11.99	12	1.002	0.399	22.3
Right tilted	20	QPSK	20850/2510	1:1	0.39	0.05	11.99	12	1.002	0.391	22.3
Head Test data (50%RB_25 offset)											
Left cheek	20	QPSK	20850/2510	1:1	0.163	0.07	15.76	16.5	1.186	0.193	22.3
Left tilted	20	QPSK	20850/2510	1:1	0.148	0.06	15.76	16.5	1.186	0.175	22.3
Right cheek	20	QPSK	20850/2510	1:1	0.442	0.1	11.89	12	1.026	0.453	22.3
Right tilted	20	QPSK	20850/2510	1:1	0.328	0.02	11.89	12	1.026	0.336	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	20850/2510	1:1	0.463	0.01	11.89	12	1.026	0.475	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	20850/2510	1:1	0.508	-0.06	11.89	12	1.026	**0.521**	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	20850/2510	1:1	0.48	0.03	11.89	12	1.026	0.492	22.3
Body worn Test data (Separate 15mm 1RB_99 offset)											
Front side	20	QPSK	20850/2510	1:1	0.0381	-0.02	16.21	17	1.199	0.046	22.3
Back side	20	QPSK	20850/2510	1:1	0.0561	0.05	16.21	17	1.199	0.067	22.3
Body worn Test data (Separate 15mm 50%RB_50 offset)											
Front side	20	QPSK	20850/2510	1:1	0.0206	-0.07	16.15	17	1.216	0.025	22.3
Back side	20	QPSK	20850/2510	1:1	0.0409	0.06	16.15	17	1.216	0.050	22.3
Body worn Test Data at the worst case with SIM2											
Back side	20	QPSK	20850/2510	1:1	0.0461	-0.03	16.21	17	1.199	0.055	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	20	QPSK	20850/2510	1:1	0.084	0.02	16.21	17	1.199	**0.101**	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	20	QPSK	20850/2510	1:1	0.0725	0.03	16.21	17	1.199	0.087	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	20850/2510	1:1	0.0385	0.07	13.81	14.5	1.172	0.045	22.3
Back side	20	QPSK	20850/2510	1:1	0.0955	0.09	13.81	14.5	1.172	0.112	22.3
Left side	20	QPSK	20850/2510	1:1	0.0545	0.11	13.81	14.5	1.172	0.064	22.3
Right side	20	QPSK	20850/2510	1:1	0.027	-0.09	13.81	14.5	1.172	0.032	22.3
Top side	20	QPSK	20850/2510	1:1	0.0976	0.14	13.81	14.5	1.172	0.114	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	21100/2535.5	1:1	0.0259	-0.03	13.79	14.5	1.178	0.030	22.3
Back side	20	QPSK	21100/2535.5	1:1	0.0626	0.08	13.79	14.5	1.178	0.074	22.3
Left side	20	QPSK	21100/2535.5	1:1	0.038	-0.09	13.79	14.5	1.178	0.045	22.3
Right side	20	QPSK	21100/2535.5	1:1	0.0109	-0.19	13.79	14.5	1.178	0.013	22.3
Top side	20	QPSK	21100/2535.5	1:1	0.101	-0.07	13.79	14.5	1.178	0.119	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	20850/2510	1:1	0.0384	0.09	12.29	13	1.178	0.059	22.3
Back side	20	QPSK	20850/2510	1:1	0.0499	0.05	12.29	13	1.178	0.072	22.3
Left side	20	QPSK	20850/2510	1:1	0.061	-0.04	12.29	13	1.178	0.072	22.3
Right side	20	QPSK	20850/2510	1:1	0.0112	-0.06	12.29	13	1.178	0.013	22.3
Top side	20	QPSK	20850/2510	1:1	0.0758	-0.03	12.29	13	1.178	0.089	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_25 offset)											
Front side	20	QPSK	20850/2510	1:1	0.0107	0.04	12.24	13	1.191	0.013	22.3
Back side	20	QPSK	20850/2510	1:1	0.0321	-0.02	12.24	13	1.191	0.038	22.3
Left side	20	QPSK	20850/2510	1:1	0.0142	-0.03	12.24	13	1.191	0.017	22.3
Right side	20	QPSK	20850/2510	1:1	0.0115	-0.09	12.24	13	1.191	0.014	22.3
Top side	20	QPSK	20850/2510	1:1	0.036	-0.15	12.24	13	1.191	0.043	22.3
Hotspot Test Data at the worst case with SIM2											
Top side	20	QPSK	21100/2535.5	1:1	0.104	-0.04	13.79	14.5	1.178	**0.122**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Top side	20	QPSK	21100/2535.5	1:1	0.0785	-0.02	13.79	14.5	1.178	0.092	22.3
Hotspot Test Data at the worst case with Battery 3#											
Top side	20	QPSK	21100/2535.5	1:1	0.0707	-0.14	13.79	14.5	1.178	0.083	22.3

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Table 27： SAR of LTE Band 7 for Head Body AND Limb.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.4 SAR Result Of LTE Band 12

Ant1 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	10	QPSK	23130/711	1:1	0.0735	0.03	23.98	24	1.005	0.074	22.3
Left tilted	10	QPSK	23130/711	1:1	0.0632	0.11	23.98	24	1.005	0.063	22.3
Right cheek	10	QPSK	23130/711	1:1	0.102	0.07	23.98	24	1.005	**0.102**	22.3
Right tilted	10	QPSK	23130/711	1:1	0.0444	0.14	23.98	24	1.005	0.045	22.3
Head Test data (50%RB_0 offset)											
Left cheek	10	QPSK	23130/711	1:1	0.0604	0.19	22.67	23	1.079	0.065	22.3
Left tilted	10	QPSK	23130/711	1:1	0.0515	0.16	22.67	23	1.079	0.056	22.3
Right cheek	10	QPSK	23130/711	1:1	0.0805	0.14	22.67	23	1.079	0.087	22.3
Right tilted	10	QPSK	23130/711	1:1	0.0357	-0.05	22.67	23	1.079	0.039	22.3
Head Test Data at the worst case with SIM2											
Right cheek	10	QPSK	23130/711	1:1	0.0967	0.07	23.98	24	1.005	0.097	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	10	QPSK	23130/711	1:1	0.0892	0.17	23.98	24	1.005	0.090	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	10	QPSK	23130/711	1:1	0.087	0.19	23.98	24	1.005	0.087	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.155	-0.05	23.98	24	1.005	0.156	22.3
Back side	10	QPSK	23130/711	1:1	0.183	-0.12	23.98	24	1.005	**0.184**	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.129	-0.03	22.67	23	1.079	0.139	22.3
Back side	10	QPSK	23130/711	1:1	0.144	-0.08	22.67	23	1.079	0.155	22.3
Body worn Data at the worst case with SIM2											
Back side	10	QPSK	23130/711	1:1	0.177	-0.17	23.98	24	1.005	0.178	22.3
Body worn Data at the worst case with Battery 2#											
Back side	10	QPSK	23130/711	1:1	0.169	-0.09	23.98	24	1.005	0.170	22.3
Body worn Data at the worst case with Battery 3#											
Back side	10	QPSK	23130/711	1:1	0.171	-0.07	23.98	24	1.005	0.172	22.3
Hotspot Test data (Separate 10mm 1RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.229	0.01	23.98	24	1.005	0.230	22.3
Back side	10	QPSK	23130/711	1:1	0.272	0.02	23.98	24	1.005	**0.273**	22.3
Left side	10	QPSK	23130/711	1:1	0.098	0.01	23.98	24	1.005	0.098	22.3
Right side	10	QPSK	23130/711	1:1	0.213	0.19	23.98	24	1.005	0.214	22.3
Bottom side	10	QPSK	23130/711	1:1	0.165	0.02	23.98	24	1.005	0.166	22.3
Hotspot Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.182	-0.02	22.67	23	1.079	0.196	22.3
Back side	10	QPSK	23130/711	1:1	0.219	0.06	22.67	23	1.079	0.236	22.3
Left side	10	QPSK	23130/711	1:1	0.0751	0.04	22.67	23	1.079	0.081	22.3
Right side	10	QPSK	23130/711	1:1	0.167	-0.04	22.67	23	1.079	0.180	22.3
Bottom side	10	QPSK	23130/711	1:1	0.133	-0.14	22.67	23	1.079	0.143	22.3
Hotspot Test Data at the worst case with SIM2											
Back side	10	QPSK	23130/711	1:1	0.268	0.03	23.98	24	1.005	0.269	22.3
Hotspot Test Data at the worst case with Battery 2#											
Back side	10	QPSK	23130/711	1:1	0.257	-0.14	23.98	24	1.005	0.258	22.3
Hotspot Test Data at the worst case with Battery 3#											
Back side	10	QPSK	23130/711	1:1	0.263	-0.17	23.98	24	1.005	0.264	22.3

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Ant2 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	10	QPSK	23130/711	1:1	0.556	-0.01	21.01	21.5	1.119	0.622	22.3
Left tilted	10	QPSK	23130/711	1:1	0.459	-0.05	21.01	21.5	1.119	0.514	22.3
Right cheek	10	QPSK	23130/711	1:1	0.573	-0.06	21.37	22	1.156	**0.662**	22.3
Right tilted	10	QPSK	23130/711	1:1	0.555	-0.11	21.37	22	1.156	0.642	22.3
Head Test data (50%RB_0 offset)											
Left cheek	10	QPSK	23130/711	1:1	0.506	-0.14	20.88	21.5	1.153	0.584	22.3
Left tilted	10	QPSK	23130/711	1:1	0.398	-0.19	20.88	21.5	1.153	0.459	22.3
Right cheek	10	QPSK	23130/711	1:1	0.535	-0.07	21.29	22	1.178	0.630	22.3
Right tilted	10	QPSK	23130/711	1:1	0.526	0.01	21.29	22	1.178	0.619	22.3
Head Test Data at the worst case with SIM2											
Right cheek	10	QPSK	23130/711	1:1	0.452	-0.01	21.37	22	1.156	0.523	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	10	QPSK	23130/711	1:1	0.519	-0.12	21.37	22	1.156	0.600	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	10	QPSK	23130/711	1:1	0.443	-0.01	21.37	22	1.156	0.512	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.159	-0.07	23.95	24	1.012	**0.161**	22.3
Back side	10	QPSK	23130/711	1:1	0.137	-0.03	23.95	24	1.012	0.139	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.114	0.07	22.62	23	1.091	0.124	22.3
Back side	10	QPSK	23130/711	1:1	0.0977	0.06	22.62	23	1.091	0.107	22.3
Body worn Test Data at the worst case with SIM2											
Front side	10	QPSK	23130/711	1:1	0.157	-0.02	23.95	24	1.012	0.159	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	10	QPSK	23130/711	1:1	0.143	-0.04	23.95	24	1.012	0.145	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	10	QPSK	23130/711	1:1	0.146	-0.12	23.95	24	1.012	0.148	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_25 offset)											
Front side	10	QPSK	23095/707.5	1:1	0.189	-0.08	21.3	21.5	1.047	0.198	22.3
Back side	10	QPSK	23095/707.5	1:1	0.178	-0.02	21.3	21.5	1.047	0.186	22.3
Left side	10	QPSK	23095/707.5	1:1	0.102	-0.1	21.3	21.5	1.047	0.107	22.3
Right side	10	QPSK	23095/707.5	1:1	0.024	-0.14	21.3	21.5	1.047	0.025	22.3
Top side	10	QPSK	23095/707.5	1:1	0.12	-0.16	21.3	21.5	1.047	0.126	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.127	-0.02	21.35	21.5	1.035	0.131	22.3
Back side	10	QPSK	23130/711	1:1	0.118	-0.02	21.35	21.5	1.035	0.122	22.3
Left side	10	QPSK	23130/711	1:1	0.0692	-0.14	21.35	21.5	1.035	0.072	22.3
Right side	10	QPSK	23130/711	1:1	0.0166	-0.02	21.35	21.5	1.035	0.017	22.3
Top side	10	QPSK	23130/711	1:1	0.0789	-0.15	21.35	21.5	1.035	0.082	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.111	0.11	19.98	20	1.005	0.112	22.3
Back side	10	QPSK	23130/711	1:1	0.0959	0.01	19.98	20	1.005	0.096	22.3
Left side	10	QPSK	23130/711	1:1	0.063	-0.11	19.98	20	1.005	0.063	22.3
Right side	10	QPSK	23130/711	1:1	0.0149	0	19.98	20	1.005	0.015	22.3
Top side	10	QPSK	23130/711	1:1	0.072	-0.04	19.98	20	1.005	0.072	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	23130/711	1:1	0.0929	0.19	19.97	20	1.007	0.094	22.3
Back side	10	QPSK	23130/711	1:1	0.0825	0.04	19.97	20	1.007	0.083	22.3
Left side	10	QPSK	23130/711	1:1	0.0565	0.06	19.97	20	1.007	0.057	22.3
Right side	10	QPSK	23130/711	1:1	0.0107	-0.17	19.97	20	1.007	0.011	22.3
Top side	10	QPSK	23130/711	1:1	0.0594	-0.18	19.97	20	1.007	0.060	22.3

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Hotspot Test Data at the worst case with SIM2											
Front side	10	QPSK	23095/707.5	1:1	0.194	0.11	21.3	21.5	1.047	**0.203**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	10	QPSK	23095/707.5	1:1	0.162	-0.19	21.3	21.5	1.047	0.170	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	10	QPSK	23095/707.5	1:1	0.166	-0.05	21.3	21.5	1.047	0.174	22.3

Ant2 Additional Test data(simultaneous transmission with 5G WIFI)											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	10	QPSK	23130/711	1:1	0.275	0.01	17.04	17.5	1.112	0.306	22.3

Table 28： SAR of LTE Band 12 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.5 SAR Result Of LTE Band 17

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_49 offset)											
Left cheek	10	QPSK	23780/709	1:1	0.0945	0.09	23.98	24	1.005	0.095	22.3
Left tilted	10	QPSK	23780/709	1:1	0.0877	0.02	23.98	24	1.005	0.088	22.3
Right cheek	10	QPSK	23780/709	1:1	0.124	0.03	23.98	24	1.005	**0.125**	22.3
Right tilted	10	QPSK	23780/709	1:1	0.0622	-0.09	23.98	24	1.005	0.062	22.3
Head Test data (50%RB_25 offset)											
Left cheek	10	QPSK	23780/709	1:1	0.0712	0.06	22.98	23	1.005	0.072	22.3
Left tilted	10	QPSK	23780/709	1:1	0.0623	0.08	22.98	23	1.005	0.063	22.3
Right cheek	10	QPSK	23780/709	1:1	0.0899	0.09	22.98	23	1.005	0.090	22.3
Right tilted	10	QPSK	23780/709	1:1	0.0424	0.17	22.98	23	1.005	0.043	22.3
Head Test Data at the worst case with SIM2											
Right cheek	10	QPSK	23780/709	1:1	0.115	0.16	23.98	24	1.005	0.116	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	10	QPSK	23780/709	1:1	0.113	0.17	23.98	24	1.005	0.114	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	10	QPSK	23780/709	1:1	0.107	0.11	23.98	24	1.005	0.107	22.3
Body worn Test data (Separate 15mm 1RB_49 offset)											
Front side	10	QPSK	23780/709	1:1	0.202	-0.12	23.98	24	1.005	0.203	22.3
Back side	10	QPSK	23780/709	1:1	0.209	0.19	23.98	24	1.005	0.21	22.3
Body worn Test data (Separate 15mm 50%RB_25 offset)											
Front side	10	QPSK	23780/709	1:1	0.154	-0.11	22.98	23	1.005	0.155	22.3
Back side	10	QPSK	23780/709	1:1	0.158	-0.03	22.98	23	1.005	0.159	22.3
Body worn Test Data at the worst case with SIM2											
Back side	10	QPSK	23780/709	1:1	0.225	0.02	23.98	24	1.005	**0.226**	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	10	QPSK	23780/709	1:1	0.21	-0.09	23.98	24	1.005	0.211	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	10	QPSK	23780/709	1:1	0.191	-0.06	23.98	24	1.005	0.192	22.3
Hotspot Test data (Separate 10mm 1RB_49 offset)											
Front side	10	QPSK	23780/709	1:1	0.275	-0.05	23.98	24	1.005	0.276	22.3
Back side	10	QPSK	23780/709	1:1	0.336	-0.01	23.98	24	1.005	0.338	22.3
Left side	10	QPSK	23780/709	1:1	0.103	0.01	23.98	24	1.005	0.103	22.3
Right side	10	QPSK	23780/709	1:1	0.232	-0.14	23.98	24	1.005	0.233	22.3
Bottom side	10	QPSK	23780/709	1:1	0.212	-0.04	23.98	24	1.005	0.213	22.3
Hotspot Test data (Separate 10mm 50%RB_25 offset)											
Front side	10	QPSK	23780/709	1:1	0.201	-0.05	22.98	23	1.005	0.202	22.3
Back side	10	QPSK	23780/709	1:1	0.25	0.1	22.98	23	1.005	0.251	22.3
Left side	10	QPSK	23780/709	1:1	0.0778	-0.06	22.98	23	1.005	0.078	22.3
Right side	10	QPSK	23780/709	1:1	0.176	-0.09	22.98	23	1.005	0.177	22.3
Bottom side	10	QPSK	23780/709	1:1	0.155	-0.02	22.98	23	1.005	0.156	22.3
Hotspot Test Data at the worst case with SIM2											
Back side	10	QPSK	23780/709	1:1	0.333	-0.19	23.98	24	1.005	0.335	22.3
Hotspot Test Data at the worst case with Battery 2#											
Back side	10	QPSK	23780/709	1:1	0.352	-0.08	23.98	24	1.005	**0.354**	22.3
Hotspot Test Data at the worst case with Battery 3#											
Back side	10	QPSK	23780/709	1:1	0.307	0.08	23.98	24	1.005	0.308	22.3

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Ant2 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_25 offset)											
Left cheek	10	QPSK	23780/709	1:1	0.456	0.05	18.54	20	1.400	**0.638**	22.3
Left tilted	10	QPSK	23780/709	1:1	0.326	0.01	18.54	20	1.400	0.456	22.3
Right cheek	10	QPSK	23800/711	1:1	0.398	0.03	19.09	20	1.233	0.491	22.3
Right tilted	10	QPSK	23800/711	1:1	0.355	0.05	19.09	20	1.233	0.438	22.3
Head Test data (50%RB_0 offset)											
Left cheek	10	QPSK	23780/709	1:1	0.447	0.01	18.57	20	1.390	0.621	22.3
Left tilted	10	QPSK	23780/709	1:1	0.327	0.05	18.57	20	1.390	0.455	22.3
Right cheek	10	QPSK	23800/711	1:1	0.415	0.08	19.09	20	1.233	0.512	22.3
Right tilted	10	QPSK	23800/711	1:1	0.362	0.08	19.09	20	1.233	0.446	22.3
Head Test Data at the worst case with SIM2											
Left cheek	10	QPSK	23780/709	1:1	0.456	0.07	18.54	20	1.400	**0.638**	22.3
Head Test Data at the worst case with Battery 2#											
Left cheek	10	QPSK	23780/709	1:1	0.411	-0.08	18.54	20	1.400	0.575	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	10	QPSK	23780/709	1:1	0.377	0.18	18.54	20	1.400	0.528	22.3
Body worn Test data (Separate 15mm 1RB_25 offset)											
Front side	10	QPSK	23780/709	1:1	0.158	0.06	23.74	24	1.062	**0.168**	22.3
Back side	10	QPSK	23780/709	1:1	0.156	0	23.74	24	1.062	0.166	22.3
Body worn Test data (Separate 15mm 50%RB_13 offset)											
Front side	10	QPSK	23800/711	1:1	0.117	0.04	22.91	23	1.021	0.119	22.3
Back side	10	QPSK	23800/711	1:1	0.115	-0.04	22.91	23	1.021	0.117	22.3
Body worn Test Data at the worst case with SIM2											
Front side	10	QPSK	23780/709	1:1	0.153	-0.06	23.74	24	1.062	0.162	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	10	QPSK	23780/709	1:1	0.137	-0.03	23.74	24	1.062	0.145	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	10	QPSK	23780/709	1:1	0.14	0.05	23.74	24	1.062	0.149	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_25 offset)											
Front side	10	QPSK	23780/709	1:1	0.138	-0.01	21.49	21.5	1.002	0.138	22.3
Back side	10	QPSK	23780/709	1:1	0.116	-0.07	21.49	21.5	1.002	0.116	22.3
Left side	10	QPSK	23780/709	1:1	0.0813	-0.06	21.49	21.5	1.002	0.081	22.3
Right side	10	QPSK	23780/709	1:1	0.021	-0.06	21.49	21.5	1.002	0.021	22.3
Top side	10	QPSK	23780/709	1:1	0.0911	-0.03	21.49	21.5	1.002	0.091	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	10	QPSK	23790/710	1:1	0.135	0.03	21.43	21.5	1.016	0.137	22.3
Back side	10	QPSK	23790/710	1:1	0.116	0.19	21.43	21.5	1.016	0.118	22.3
Left side	10	QPSK	23790/710	1:1	0.0801	-0.13	21.43	21.5	1.016	0.081	22.3
Right side	10	QPSK	23790/710	1:1	0.0209	0.13	21.43	21.5	1.016	0.021	22.3
Top side	10	QPSK	23790/710	1:1	0.0907	-0.17	21.43	21.5	1.016	0.092	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_25 offset)											
Front side	10	QPSK	23800/711	1:1	0.106	-0.02	18.94	20	1.276	0.135	22.3
Back side	10	QPSK	23800/711	1:1	0.0902	0.07	18.94	20	1.276	0.115	22.3
Left side	10	QPSK	23800/711	1:1	0.0638	-0.02	18.94	20	1.276	0.081	22.3
Right side	10	QPSK	23800/711	1:1	0.015	-0.09	18.94	20	1.276	0.019	22.3
Top side	10	QPSK	23800/711	1:1	0.0668	-0.19	18.94	20	1.276	0.085	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_13 offset)											
Front side	10	QPSK	23800/711	1:1	0.0967	0.15	18.9	20	1.288	0.125	22.3
Back side	10	QPSK	23800/711	1:1	0.0828	0.07	18.9	20	1.288	0.107	22.3
Left side	10	QPSK	23800/711	1:1	0.0563	0.01	18.9	20	1.288	0.073	22.3
Right side	10	QPSK	23800/711	1:1	0.0142	0.03	18.9	20	1.288	0.018	22.3
Top side	10	QPSK	23800/711	1:1	0.058	-0.02	18.9	20	1.288	0.075	22.3

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Hotspot Test Data at the worst case with SIM2											
Front side	10	QPSK	23800/711	1:1	0.147	-0.04	21.49	21.5	1.002	**0.147**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	10	QPSK	23800/711	1:1	0.129	-0.14	21.49	21.5	1.002	0.129	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	10	QPSK	23800/711	1:1	0.142	0.02	21.49	21.5	1.002	0.142	22.3

Ant2 Additional Test data (simultaneous transmission with 5G WIFI)											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_49 offset)											
Left cheek	10	QPSK	23780/709	1:1	0.329	0.08	15.9	16	1.023	0.337	22.3

Table 29： SAR of LTE Band 17 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.6 SAR Result Of LTE Band 26

Ant1 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	15	QPSK	26865/831.5	1:1	0.0835	0.04	23.51	24	1.119	0.093	22.3
Left tilted	15	QPSK	26865/831.5	1:1	0.0443	0.15	23.51	24	1.119	0.050	22.3
Right cheek	15	QPSK	26865/831.5	1:1	0.125	0.02	23.51	24	1.119	0.140	22.3
Right tilted	15	QPSK	26865/831.5	1:1	0.0527	0.06	23.51	24	1.119	0.059	22.3
Head Test data (50%RB_0 offset)											
Left cheek	15	QPSK	26865/831.5	1:1	0.0925	0.18	22.26	23	1.186	0.110	22.3
Left tilted	15	QPSK	26865/831.5	1:1	0.0461	-0.05	22.26	23	1.186	0.055	22.3
Right cheek	15	QPSK	26865/831.5	1:1	0.124	0.02	22.26	23	1.186	**0.147**	22.3
Right tilted	15	QPSK	26865/831.5	1:1	0.0533	0.02	22.26	23	1.186	0.063	22.3
Head Test Data at the worst case with SIM2											
Right cheek	15	QPSK	26865/831.5	1:1	0.123	0.02	22.26	23	1.186	0.146	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	15	QPSK	26865/831.5	1:1	0.111	0.04	22.26	23	1.186	0.132	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	15	QPSK	26865/831.5	1:1	0.0935	0.06	22.26	23	1.186	0.111	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.144	-0.08	23.51	24	1.119	0.161	22.3
Back side	15	QPSK	26865/831.5	1:1	0.151	0	23.51	24	1.119	0.169	22.3
Body worn Test data (Separate 15mm 50%RB)											
Front side	15	QPSK	26865/831.5	1:1	0.141	-0.04	22.26	23	1.186	0.167	22.3
Back side	15	QPSK	26865/831.5	1:1	0.146	0	22.26	23	1.186	**0.173**	22.3
Body worn Test data at the worst case with SIM2											
Back side	15	QPSK	26865/831.5	1:1	0.136	0	22.26	23	1.186	0.161	22.3
Body worn Test data at the worst case with Battery 2#											
Back side	15	QPSK	26865/831.5	1:1	0.126	0.04	22.26	23	1.186	0.149	22.3
Body worn Test data at the worst case with Battery 3#											
Back side	15	QPSK	26865/831.5	1:1	0.111	-0.03	22.26	23	1.186	0.132	22.3
Hotspot Test data (Separate 10mm 1RB_0 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.222	-0.04	23.51	24	1.119	0.249	22.3
Back side	15	QPSK	26865/831.5	1:1	0.246	0.07	23.51	24	1.119	0.275	22.3
Left side	15	QPSK	26865/831.5	1:1	0.0604	0.13	23.51	24	1.119	0.068	22.3
Right side	15	QPSK	26865/831.5	1:1	0.152	0.08	23.51	24	1.119	0.170	22.3
Bottom side	15	QPSK	26865/831.5	1:1	0.189	0.07	23.51	24	1.119	0.212	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	15	QPSK	26865/831.5	1:1	0.215	-0.08	22.26	23	1.186	0.255	22.3
Back side	15	QPSK	26865/831.5	1:1	0.236	0.03	22.26	23	1.186	**0.280**	22.3
Left side	15	QPSK	26865/831.5	1:1	0.0569	0.05	22.26	23	1.186	0.067	22.3
Right side	15	QPSK	26865/831.5	1:1	0.145	0	22.26	23	1.186	0.172	22.3
Bottom side	15	QPSK	26865/831.5	1:1	0.179	0.05	22.26	23	1.186	0.212	22.3
Hotspot Test data at the worst case with SIM2											
Back side	15	QPSK	26865/831.5	1:1	0.235	-0.05	22.26	23	1.186	0.279	22.3
Hotspot Test data at the worst case with Battery 2#											
Back side	15	QPSK	26865/831.5	1:1	0.223	-0.04	22.26	23	1.186	0.264	22.3
Hotspot Test data at the worst case with Battery 3#											
Back side	15	QPSK	26865/831.5	1:1	0.215	-0.02	22.26	23	1.186	0.255	22.3

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Ant2 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	15	QPSK	26865/831.5	1:1	0.411	-0.14	18.68	19.5	1.208	0.496	22.3
Left tilted	15	QPSK	26865/831.5	1:1	0.329	0.01	18.68	19.5	1.208	0.397	22.3
Right cheek	15	QPSK	26775/822.5	1:1	0.423	0.01	17.78	19	1.324	0.560	22.3
Right tilted	15	QPSK	26775/822.5	1:1	0.376	0.01	17.78	19	1.324	0.498	22.3
Head Test data (50%RB_18 offset)											
Left cheek	15	QPSK	26965/841.5	1:1	0.39	0	18.36	19.5	1.300	0.507	22.3
Left tilted	15	QPSK	26965/841.5	1:1	0.304	-0.01	18.36	19.5	1.300	0.395	22.3
Right cheek	15	QPSK	26775/822.5	1:1	0.426	0.01	17.88	19	1.294	0.551	22.3
Right tilted	15	QPSK	26775/822.5	1:1	0.383	0.03	17.88	19	1.294	0.496	22.3
Head Test Data at the worst case with SIM2											
Right cheek	15	QPSK	26775/822.5	1:1	0.408	-0.02	17.78	19	1.324	0.540	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	15	QPSK	26775/822.5	1:1	0.487	-0.03	17.78	19	1.324	0.645	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	15	QPSK	26775/822.5	1:1	0.531	0.04	17.78	19	1.324	**0.703**	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.405	-0.14	23.12	24	1.225	0.496	22.3
Back side	15	QPSK	26865/831.5	1:1	0.362	-0.12	23.12	24	1.225	0.443	22.3
Body worn Test data (Separate 15mm 50%RB_18 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.281	-0.01	22.29	24	1.483	0.417	22.3
Back side	15	QPSK	26865/831.5	1:1	0.261	0.12	22.29	24	1.483	0.387	22.3
Body worn Test Data at the worst case with SIM2											
Front side	15	QPSK	26865/831.5	1:1	0.413	-0.06	23.12	24	1.225	**0.506**	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	15	QPSK	26865/831.5	1:1	0.393	0.07	23.12	24	1.225	0.481	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	15	QPSK	26865/831.5	1:1	0.387	0	23.12	24	1.225	0.474	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.359	-0.01	20.83	21.5	1.167	**0.419**	22.3
Back side	15	QPSK	26865/831.5	1:1	0.311	0.05	20.83	21.5	1.167	0.363	22.3
Left side	15	QPSK	26865/831.5	1:1	0.207	-0.19	20.83	21.5	1.167	0.242	22.3
Right side	15	QPSK	26865/831.5	1:1	0.0332	-0.16	20.83	21.5	1.167	0.039	22.3
Top side	15	QPSK	26865/831.5	1:1	0.234	-0.19	20.83	21.5	1.167	0.273	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_18 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.304	0.16	20.81	21.5	1.172	0.356	22.3
Back side	15	QPSK	26865/831.5	1:1	0.271	-0.07	20.81	21.5	1.172	0.318	22.3
Left side	15	QPSK	26865/831.5	1:1	0.16	-0.07	20.81	21.5	1.172	0.188	22.3
Right side	15	QPSK	26865/831.5	1:1	0.0184	-0.06	20.81	21.5	1.172	0.022	22.3
Top side	15	QPSK	26865/831.5	1:1	0.161	-0.17	20.81	21.5	1.172	0.189	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.27	0.08	19.45	20	1.135	0.306	22.3
Back side	15	QPSK	26865/831.5	1:1	0.24	0.04	19.45	20	1.135	0.272	22.3
Left side	15	QPSK	26865/831.5	1:1	0.15	-0.04	19.45	20	1.135	0.170	22.3
Right side	15	QPSK	26865/831.5	1:1	0.0164	-0.04	19.45	20	1.135	0.019	22.3
Top side	15	QPSK	26865/831.5	1:1	0.17	-0.11	19.45	20	1.135	0.193	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_18 offset)											
Front side	15	QPSK	26865/831.5	1:1	0.223	0.12	19.44	20	1.138	0.254	22.3
Back side	15	QPSK	26865/831.5	1:1	0.203	0.04	19.44	20	1.138	0.231	22.3
Left side	15	QPSK	26865/831.5	1:1	0.116	-0.15	19.44	20	1.138	0.132	22.3
Right side	15	QPSK	26865/831.5	1:1	0.0127	-0.04	19.44	20	1.138	0.014	22.3
Top side	15	QPSK	26865/831.5	1:1	0.113	-0.17	19.44	20	1.138	0.129	22.3

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Hotspot Test Data at the worst case with SIM2											
Front side	15	QPSK	26865/831.5	1:1	0.355	0.08	20.83	21.5	1.167	0.414	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	15	QPSK	26865/831.5	1:1	0.344	0.02	20.83	21.5	1.167	0.401	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	15	QPSK	26865/831.5	1:1	0.343	0.12	20.83	21.5	1.167	0.400	22.3

Ant2 Additional Test data (simultaneous transmission with 5G WIFI)											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	15	QPSK	26965/841.5	1:1	0.173	0.08	14.62	15.5	1.225	0.212	22.3

Table 30： SAR of LTE Band 26 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.7 SAR Result Of LTE Band 38

Ant1 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Left cheek	20	QPSK	38000/2595	1:1.58	0.0172	0.02	23.40	24	1.148	0.020	22.3
Left tilted	20	QPSK	38000/2595	1:1.58	0.0271	0.06	23.40	24	1.148	0.031	22.3
Right cheek	20	QPSK	38000/2595	1:1.58	0.093	0.05	23.40	24	1.148	0.107	22.3
Right tilted	20	QPSK	38000/2595	1:1.58	0.0299	0.15	23.40	24	1.148	0.034	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	38000/2595	1:1.58	0.0225	0.10	22.59	23	1.099	0.025	22.3
Left tilted	20	QPSK	38000/2595	1:1.58	0.0239	0.05	22.59	23	1.099	0.026	22.3
Right cheek	20	QPSK	38000/2595	1:1.58	0.0812	0.08	22.59	23	1.099	0.089	22.3
Right tilted	20	QPSK	38000/2595	1:1.58	0.0264	0.03	22.59	23	1.099	0.029	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	38000/2595	1:1.58	0.099	0.06	23.40	24	1.148	**0.114**	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	38000/2595	1:1.58	0.0832	0.05	23.40	24	1.148	0.095	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	38000/2595	1:1.58	0.0711	0.09	23.40	24	1.148	0.082	22.3
Body worn Test data (Separate 15mm 1RB_0 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.207	-0.03	23.4	24	1.148	0.238	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.214	0.05	23.4	24	1.148	0.246	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.176	0.02	22.59	23	1.099	0.193	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.183	0.10	22.59	23	1.099	0.201	22.3
Body worn Test Data at the worst case with SIM2											
Back side	20	QPSK	38000/2595	1:1.58	0.23	0.01	23.4	24	1.148	**0.264**	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	20	QPSK	38000/2595	1:1.58	0.179	-0.10	23.4	24	1.148	0.206	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	20	QPSK	38000/2595	1:1.58	0.182	0.03	23.4	24	1.148	0.209	22.3
Hotspot Test data (Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.212	0.01	22.44	23	1.139	0.241	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.211	0.01	22.44	23	1.139	0.240	22.3
Left side	20	QPSK	38000/2595	1:1.58	0.162	-0.05	22.44	23	1.139	0.184	22.3
Right side	20	QPSK	38000/2595	1:1.58	0.0536	-0.15	22.44	23	1.139	0.061	22.3
Bottom side	20	QPSK	38000/2595	1:1.58	0.541	-0.1	22.44	23	1.139	0.616	22.3
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	38150/2610	1:1.58	0.197	0	22.33	23	1.167	0.230	22.3
Back side	20	QPSK	38150/2610	1:1.58	0.201	-0.04	22.33	23	1.167	0.235	22.3
Left side	20	QPSK	38150/2610	1:1.58	0.148	-0.09	22.33	23	1.167	0.173	22.3
Right side	20	QPSK	38150/2610	1:1.58	0.0527	-0.12	22.33	23	1.167	0.061	22.3
Bottom side	20	QPSK	38150/2610	1:1.58	0.517	-0.2	22.33	23	1.167	0.603	22.3
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	38000/2595	1:1.58	0.541	-0.04	22.44	23	1.139	0.616	22.3
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	38000/2595	1:1.58	0.669	-0.06	22.44	23	1.139	**0.762**	22.3
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	38000/2595	1:1.58	0.621	-0.03	22.44	23	1.139	0.707	22.3

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Ant2 Test data											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_99 offset)											
Left cheek	20	QPSK	38000/2595	1:1.58	0.211	-0.01	20.58	21.5	1.236	0.261	22.3
Left tilted	20	QPSK	38000/2595	1:1.58	0.216	-0.03	20.58	21.5	1.236	0.267	22.3
Right cheek	20	QPSK	37850/2580	1:1.58	0.51	0.15	15.58	16	1.102	0.562	22.3
Right tilted	20	QPSK	37850/2580	1:1.58	0.323	-0.04	15.58	16	1.102	0.356	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	38150/2610	1:1.58	0.203	0.11	20.37	21.5	1.298	0.264	22.3
Left tilted	20	QPSK	38150/2610	1:1.58	0.222	-0.05	20.37	21.5	1.298	0.288	22.3
Right cheek	20	QPSK	38000/2595	1:1.58	0.775	-0.04	15.64	16	1.087	0.843	22.3
Right tilted	20	QPSK	38000/2595	1:1.58	0.479	0.06	15.64	16	1.087	0.521	22.3
Right cheek	20	QPSK	37850/2580	1:1.58	0.508	-0.06	14.79	16	1.322	0.671	22.3
Right cheek	20	QPSK	38000/2595	1:1.58	0.433	0.03	14.80	16	1.319	0.571	22.3
Head Test data (100%RB)											
Right cheek	20	QPSK	38000/2595	1:1.58	0.83	0	15.43	16	1.139	**0.946**	22.3
Right cheek	20	QPSK	37850/2580	1:1.58	0.594	-0.06	14.96	16	1.270	0.754	22.3
Right cheek	20	QPSK	38150/2610	1:1.58	0.619	-0.01	14.54	16	1.401	0.867	22.3
Right cheek -repeat	20	QPSK	38000/2595	1:1.58	0.829	-0.07	15.43	16	1.139	0.945	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	38000/2595	1:1.58	0.753	0.08	15.43	16	1.139	0.858	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	38000/2595	1:1.58	0.649	0.11	15.43	16	1.139	0.739	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	38000/2595	1:1.58	0.745	0.08	15.43	16	1.139	0.849	22.3
Body worn Test data (Separate 15mm 1RB_50offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.2	0.01	24.1	24.5	1.096	0.219	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.215	0.05	24.1	24.5	1.096	0.236	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.151	0.06	23.15	23.5	1.084	0.164	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.168	0.02	23.15	23.5	1.084	0.182	22.3
Body worn Test Data at the worst case with SIM2											
Back side	20	QPSK	38000/2595	1:1.58	0.225	0.05	24.1	24.5	1.096	0.247	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	20	QPSK	38000/2595	1:1.58	0.23	0.12	24.1	24.5	1.096	**0.252**	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	20	QPSK	38000/2595	1:1.58	0.206	0.06	24.1	24.5	1.096	0.226	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_50 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.281	0.09	21.81	22	1.045	0.294	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.212	0.17	21.81	22	1.045	0.221	22.3
Left side	20	QPSK	38000/2595	1:1.58	0.151	0.05	21.81	22	1.045	0.158	22.3
Right side	20	QPSK	38000/2595	1:1.58	0.0313	-0.06	21.81	22	1.045	0.033	22.3
Top side	20	QPSK	38000/2595	1:1.58	0.222	-0.03	21.81	22	1.045	0.232	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.258	0.02	21.81	22	1.045	0.270	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.251	0.15	21.81	22	1.045	0.262	22.3
Left side	20	QPSK	38000/2595	1:1.58	0.136	0.05	21.81	22	1.045	0.142	22.3
Right side	20	QPSK	38000/2595	1:1.58	0.0258	-0.01	21.81	22	1.045	0.027	22.3
Top side	20	QPSK	38000/2595	1:1.58	0.202	-0.18	21.81	22	1.045	0.211	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_50 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.198	0.02	20.07	20.5	1.104	0.219	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.16	0.05	20.07	20.5	1.104	0.177	22.3
Left side	20	QPSK	38000/2595	1:1.58	0.107	0.15	20.07	20.5	1.104	0.118	22.3
Right side	20	QPSK	38000/2595	1:1.58	0.0212	-0.09	20.07	20.5	1.104	0.023	22.3
Top side	20	QPSK	38000/2595	1:1.58	0.184	-0.05	20.07	20.5	1.104	0.203	22.3

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Hotspot actived for 5G WIFI Test data(Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	38000/2595	1:1.58	0.189	0.01	20.15	20.5	1.084	0.205	22.3
Back side	20	QPSK	38000/2595	1:1.58	0.154	-0.09	20.15	20.5	1.084	0.167	22.3
Left side	20	QPSK	38000/2595	1:1.58	0.102	0.05	20.15	20.5	1.084	0.111	22.3
Right side	20	QPSK	38000/2595	1:1.58	0.0218	0.09	20.15	20.5	1.084	0.024	22.3
Top side	20	QPSK	38000/2595	1:1.58	0.166	-0.04	20.15	20.5	1.084	0.180	22.3
Hotspot Test Data at the worst case with SIM2											
Front side	20	QPSK	38000/2595	1:1.58	0.302	0.02	21.81	22	1.045	**0.316**	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	20	QPSK	38000/2595	1:1.58	0.257	0.02	21.81	22	1.045	0.268	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	20	QPSK	38000/2595	1:1.58	0.235	-0.2	21.81	22	1.045	0.246	22.3

Table 31： SAR of LTE Band 38 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

Test Position	**Channel/ Frequency**	**Measured SAR (1g)**	**1st Repeated**	**Ratio**	**2nd Repeated**	**3rd Repeated**
	(MHz)		**SAR (1g)**		**SAR (1g)**	**SAR (1g)**
Right cheek	38000/2595	0.83	0.829	1.00	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						

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8.3.8 SAR Result Of LTE Band 41

Ant1 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_0 offset)											
Left cheek	20	QPSK	40690/2600	1:1.58	0.019	0.01	23.33	24	1.167	0.022	22.3
Left tilted	20	QPSK	40690/2600	1:1.58	0.00934	-0.06	23.33	24	1.167	0.011	22.3
Right cheek	20	QPSK	40690/2600	1:1.58	0.0715	0.01	23.33	24	1.167	0.083	22.3
Right tilted	20	QPSK	40690/2600	1:1.58	0.0198	0.09	23.33	24	1.167	0.023	22.3
Head Test data (50%RB_0 offset)											
Left cheek	20	QPSK	41140/2645	1:1.58	0.0154	0.08	22.35	23	1.161	0.018	22.3
Left tilted	20	QPSK	41140/2645	1:1.58	0.00275	-0.04	22.35	23	1.161	0.003	22.3
Right cheek	20	QPSK	41140/2645	1:1.58	0.0359	0.02	22.35	23	1.161	0.042	22.3
Right tilted	20	QPSK	41140/2645	1:1.58	0.00798	0.08	22.35	23	1.161	0.009	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	40690/2600	1:1.58	0.071	0	23.33	24	1.167	**0.083**	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	40690/2600	1:1.58	0.0526	0.01	23.33	24	1.167	0.061	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	40690/2600	1:1.58	0.0635	0.01	23.33	24	1.167	0.074	22.3
Body worn Test data(Separate 15mm 1RB_0 offset)											
Front side	20	QPSK	40690/2600	1:1.58	0.218	0.18	23.33	24	1.167	0.254	22.3
Back side	20	QPSK	40690/2600	1:1.58	0.215	-0.03	23.33	24	1.167	0.251	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	41140/2645	1:1.58	0.148	-0.1	22.35	23	1.161	0.172	22.3
Back side	20	QPSK	41140/2645	1:1.58	0.117	-0.04	22.35	23	1.161	0.136	22.3
Body worn Test Data at the worst case with SIM2											
Front side	20	QPSK	40690/2600	1:1.58	0.202	-0.01	23.33	24	1.167	0.236	22.3
Body worn Test Data at the worst case with Battery 2#											
Front side	20	QPSK	40690/2600	1:1.58	0.234	-0.06	23.33	24	1.167	**0.273**	22.3
Body worn Test Data at the worst case with Battery 3#											
Front side	20	QPSK	40690/2600	1:1.58	0.219	-0.06	23.33	24	1.167	0.256	22.3
Hotspot Test data(Separate 10mm 1RB_99 offset)											
Front side	20	QPSK	40240/2555	1:1.58	0.263	0.13	22.4	23	1.148	0.302	22.3
Back side	20	QPSK	40240/2555	1:1.58	0.201	-0.04	22.4	23	1.148	0.231	22.3
Left side	20	QPSK	40240/2555	1:1.58	0.128	-0.07	22.4	23	1.148	0.147	22.3
Right side	20	QPSK	40240/2555	1:1.58	0.0421	0.18	22.4	23	1.148	0.048	22.3
Bottom side	20	QPSK	40240/2555	1:1.58	0.668	-0.19	22.4	23	1.148	0.767	22.3
Hotspot Test data (Separate 10mm 50%RB_50 offset)											
Front side	20	QPSK	40690/2600	1:1.58	0.249	0.03	21.69	23	1.352	0.337	22.3
Back side	20	QPSK	40690/2600	1:1.58	0.204	0.07	21.69	23	1.352	0.276	22.3
Left side	20	QPSK	40690/2600	1:1.58	0.118	-0.02	21.69	23	1.352	0.160	22.3
Right side	20	QPSK	40690/2600	1:1.58	0.0426	-0.05	21.69	23	1.352	0.058	22.3
Bottom side	20	QPSK	40690/2600	1:1.58	0.658	-0.13	21.69	23	1.352	0.890	22.3
Bottom side	20	QPSK	40240/2555	1:1.58	0.662	-0.16	21.52	23	1.406	**0.931**	22.3
Bottom side	20	QPSK	41140/2645	1:1.58	0.586	-0.15	21.63	23	1.371	0.803	22.3
Hotspot Test data (Separate 10mm 100%RB_0 offset)											
Bottom side	20	QPSK	41140/2645	1:1.58	0.617	-0.15	21.69	23	1.352	0.834	22.3
Hotspot Test Data at the worst case with SIM2											
Bottom side	20	QPSK	40240/2555	1:1.58	0.632	-0.08	21.52	23	1.406	0.889	22.3
Hotspot Test Data at the worst case with Battery 2#											
Bottom side	20	QPSK	40240/2555	1:1.58	0.619	-0.09	21.52	23	1.406	0.870	22.3
Hotspot Test Data at the worst case with Battery 3#											
Bottom side	20	QPSK	40240/2555	1:1.58	0.556	-0.02	21.52	23	1.406	0.782	22.3

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Ant2 Test data											
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data (1RB_50 offset)											
Left cheek	20	QPSK	41140/2645	1:1.58	0.189	-0.08	20.34	21.5	1.306	0.247	22.3
Left tilted	20	QPSK	41140/2645	1:1.58	0.203	0.12	20.34	21.5	1.306	0.265	22.3
Right cheek	20	QPSK	40690/2600	1:1.58	0.64	0.01	15.91	16.5	1.146	0.733	22.3
Right tilted	20	QPSK	40690/2600	1:1.58	0.365	0.02	15.91	16.5	1.146	0.418	22.3
Head Test data (50%RB_50 offset)											
Left cheek	20	QPSK	41140/2645	1:1.58	0.171	0.05	20.3	21.5	1.318	0.225	22.3
Left tilted	20	QPSK	41140/2645	1:1.58	0.206	0.16	20.3	21.5	1.318	0.272	22.3
Right cheek	20	QPSK	41140/2645	1:1.58	0.622	0.14	15.36	16.5	1.300	0.809	22.3
Right tilted	20	QPSK	41140/2645	1:1.58	0.552	0.01	15.36	16.5	1.300	0.718	22.3
Right cheek	20	QPSK	40240/2555	1:1.58	0.75	0	15.04	16.5	1.400	**1.050**	22.3
Right cheek	20	QPSK	40690/2600	1:1.58	0.782	0.11	15.23	16.5	1.340	1.048	22.3
Head Test data(100%RB_0 offset)											
Right cheek	20	QPSK	41140/2645	1:1.58	0.621	0.08	15.33	16.5	1.309	0.813	22.3
Head Test Data at the worst case with SIM2											
Right cheek	20	QPSK	40240/2555	1:1.58	0.585	0.05	15.04	16.5	1.400	0.819	22.3
Head Test Data at the worst case with Battery 2#											
Right cheek	20	QPSK	40240/2555	1:1.58	0.538	0.15	15.04	16.5	1.400	0.753	22.3
Head Test Data at the worst case with Battery 3#											
Right cheek	20	QPSK	40240/2555	1:1.58	0.588	-0.06	15.04	16.5	1.400	0.823	22.3
Body worn Test data(Separate 15mm 1RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.148	0.03	23.88	24.5	1.153	0.171	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.204	0.05	23.88	24.5	1.153	**0.235**	22.3
Body worn Test data (Separate 15mm 50%RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.115	0.05	22.74	24	1.337	0.154	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.161	0.19	22.74	24	1.337	0.215	22.3
Body worn Test Data at the worst case with SIM2											
Back side	20	QPSK	40740/2605	1:1.58	0.174	0.06	23.88	24.5	1.153	0.201	22.3
Body worn Test Data at the worst case with Battery 2#											
Back side	20	QPSK	40740/2605	1:1.58	0.202	0.19	23.88	24.5	1.153	0.233	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	20	QPSK	40740/2605	1:1.58	0.182	0.08	23.88	24.5	1.153	0.210	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.22	0.16	21.24	22	1.191	0.262	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.219	0.03	21.24	22	1.191	0.261	22.3
Left side	20	QPSK	40740/2605	1:1.58	0.13	-0.04	21.24	22	1.191	0.155	22.3
Right side	20	QPSK	40740/2605	1:1.58	0.0189	-0.07	21.24	22	1.191	0.023	22.3
Top side	20	QPSK	40740/2605	1:1.58	0.209	-0.2	21.24	22	1.191	0.249	22.3
Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.222	0.18	21.11	22	1.227	0.272	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.219	0.02	21.11	22	1.227	0.269	22.3
Left side	20	QPSK	40740/2605	1:1.58	0.128	-0.13	21.11	22	1.227	0.157	22.3
Right side	20	QPSK	40740/2605	1:1.58	0.0216	-0.06	21.11	22	1.227	0.027	22.3
Top side	20	QPSK	40740/2605	1:1.58	0.21	-0.11	21.11	22	1.227	0.258	22.3
Hotspot actived for 5G WIFI Test data(Separate 10mm 1RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.121	0.06	19.55	20.5	1.245	0.151	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.143	0.01	19.55	20.5	1.245	0.178	22.3
Left side	20	QPSK	40740/2605	1:1.58	0.0939	0.06	19.55	20.5	1.245	0.117	22.3
Right side	20	QPSK	40740/2605	1:1.58	0.0151	-0.02	19.55	20.5	1.245	0.019	22.3
Top side	20	QPSK	40740/2605	1:1.58	0.151	-0.03	19.55	20.5	1.245	0.188	22.3
Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)											
Front side	20	QPSK	40740/2605	1:1.58	0.12	0.06	19.39	20.5	1.291	0.155	22.3
Back side	20	QPSK	40740/2605	1:1.58	0.141	0.08	19.39	20.5	1.291	0.182	22.3
Left side	20	QPSK	40740/2605	1:1.58	0.0934	0.06	19.39	20.5	1.291	0.121	22.3
Right side	20	QPSK	40740/2605	1:1.58	0.0137	0.02	19.39	20.5	1.291	0.018	22.3
Top side	20	QPSK	40740/2605	1:1.58	0.15	-0.02	19.39	20.5	1.291	0.194	22.3

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Hotspot Test Data at the worst case with SIM2											
Front side	20	QPSK	40740/2605	1:1.58	0.231	0.06	21.11	22	1.227	0.284	22.3
Hotspot Test Data at the worst case with Battery 2#											
Front side	20	QPSK	40740/2605	1:1.58	0.251	0.01	21.11	22	1.227	**0.308**	22.3
Hotspot Test Data at the worst case with Battery 3#											
Front side	20	QPSK	40740/2605	1:1.58	0.217	0.06	21.11	22	1.227	0.266	22.3
Ant2 Additional Test data(simultaneous transmission with 5G WIFI)											
Test position	**BW.**	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg)1-g**	**Power Drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data (1RB_0 offset)											
Right cheek	20	QPSK	40240/2555	1:1.58	0.274	0.11	12.46	12.5	1.009	0.277	22.3

Table 32： SAR of LTE Band 41 for Head and Body.

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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8.3.9 SAR Result Of 2.4GHz WIFI

Ant1 Test data											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg)1-g**	**Power drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data											
Left cheek	802.11b	6/2437	98.67%	1.013	0.191	0	13.15	14.5	1.365	**0.264**	22
Left tilted	802.11b	6/2437	98.67%	1.013	0.166	0.04	13.15	14.5	1.365	0.229	22
Right cheek	802.11b	6/2437	98.67%	1.013	0.092	0.11	13.15	14.5	1.365	0.127	22
Right tilted	802.11b	6/2437	98.67%	1.013	0.13	0.18	13.15	14.5	1.365	0.180	22
Head Test Data at the worst case with Battery 2#											
Left cheek	802.11b	6/2437	98.67%	1.013	0.184	0.16	13.15	14.5	1.365	0.251	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	802.11b	6/2437	98.67%	1.013	0.185	-0.1	13.15	14.5	1.365	0.252	22.3
Body worn Test data(Separate 15mm)											
Front side	802.11b	11/2462	98.67%	1.013	0.0288	0	15.92	17	1.281	0.037	22
Back side	802.11b	11/2462	98.67%	1.013	0.0319	-0.09	15.92	17	1.281	0.041	22
Body worn Test Data at the worst case with Battery 2#											
Back side	802.11b	11/2462	98.67%	1.013	0.042	-0.04	15.92	17	1.281	**0.054**	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	802.11b	11/2462	98.67%	1.013	0.0375	-0.03	15.92	17	1.281	0.048	22.3
Hotspot Test data (Separate 10mm)											
Front side	802.11b	11/2462	98.67%	1.013	0.0804	0.01	15.92	17	1.281	0.104	22
Back side	802.11b	11/2462	98.67%	1.013	0.0734	0.04	15.92	17	1.281	0.095	22
Right side	802.11b	11/2462	98.67%	1.013	0.0894	-0.07	15.92	17	1.281	0.116	22
Top side	802.11b	11/2462	98.67%	1.013	0.232	-0.16	15.92	17	1.281	0.301	22
Hotspot Test Data at the worst case with Battery 2#											
Top side	802.11b	11/2462	98.67%	1.013	0.241	-0.08	15.92	17	1.281	0.309	22.3
Hotspot Test Data at the worst case with Battery 3#											
Top side	802.11b	11/2462	98.67%	1.013	0.246	-0.05	15.92	17	1.281	**0.315**	22.3

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Ant2 Test data											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg)1-g**	**Power drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data											
Left cheek	802.11b	6/2437	99.00%	1.01	0.164	0.09	15.92	16.5	1.143	0.189	22
Left tilted	802.11b	6/2437	99.00%	1.01	0.133	0.18	15.92	16.5	1.143	0.154	22
Right cheek	802.11b	6/2437	99.00%	1.01	0.111	-0.08	15.92	16.5	1.143	0.128	22
Right tilted	802.11b	6/2437	99.00%	1.01	0.096	0.05	15.92	16.5	1.143	0.111	22
Head Test Data at the worst case with Battery 2#											
Left cheek	802.11b	6/2437	99.00%	1.01	0.271	0.03	15.92	16.5	1.143	**0.310**	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	802.11b	6/2437	99.00%	1.01	0.245	0.12	15.92	16.5	1.143	0.280	22.3
Body worn Test data(Separate 15mm)											
Front side	802.11b	11/2462	99.00%	1.01	0.0101	-0.07	15.35	16.5	1.305	0.013	22
Back side	802.11b	11/2462	99.00%	1.01	0.0149	-0.06	15.35	16.5	1.305	0.020	22
Body worn Test Data at the worst case with Battery 2#											
Back side	802.11b	11/2462	99.00%	1.01	0.023	0.01	15.35	16.5	1.305	**0.030**	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	802.11b	11/2462	99.00%	1.01	0.0211	0.04	15.35	16.5	1.305	0.028	22.3
Hotspot Test data (Separate 10mm)											
Front side	802.11b	11/2462	99.00%	1.01	0.0189	0.1	15.35	16.5	1.305	0.025	22
Back side	802.11b	11/2462	99.00%	1.01	0.0615	0.02	15.35	16.5	1.305	0.081	22
Right side	802.11b	11/2462	99.00%	1.01	0	0	15.35	16.5	1.305	0.000	22
Top side	802.11b	11/2462	99.00%	1.01	0	0	15.35	16.5	1.305	0.000	22
Hotspot Test Data at the worst case with Battery 2#											
Back side	802.11b	11/2462	99.00%	1.01	0.094	0.14	15.345	16.5	1.305	**0.123**	22.3
Hotspot Test Data at the worst case with Battery 3#											
Back side	802.11b	11/2462	99.00%	1.01	0.0646	-0.07	15.345	16.5	1.305	0.084	22.3

MIMO Test data			
Test position	**Test mode**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data			
Left cheek	802.11n20	**0.574**	22
Left tilted	802.11n20	0.383	22
Right cheek	802.11n20	0.255	22
Right tilted	802.11n20	0.291	22
Body worn Test data (Separate 15mm)			
Front side	802.11n20	0.05	22
Back side	802.11n20	**0.084**	22
Hotspot Test data (Separate 10mm)			
Front side	802.11n20	0.129	22
Back side	802.11n20	0.218	22
Right side	802.11n20	0.116	22
Top side	802.11n20	**0.315**	22

Table 33： SAR of 2.4GHz WIFI for Head and Body

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

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3) Each channel was tested at the lowest data rate.

4) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, 802.11g/n OFDM SAR Test is not required.

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8.3.1 SAR Result Of 5GHz WIFI

Ant1 Test data											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)1-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data U-NII-2A											
Left cheek	802.11a	56/5280	93.40%	1.071	0.373	0.08	11.28	12	1.179	0.471	22
Left tilted	802.11a	56/5280	93.40%	1.071	0.272	0.03	11.28	12	1.179	0.344	22
Right cheek	802.11a	56/5280	93.40%	1.071	0.144	0.07	11.28	12	1.179	0.182	22
Right tilted	802.11a	56/5280	93.40%	1.071	0.129	0.03	11.28	12	1.179	0.163	22
Head Test data U-NII-2C											
Left cheek	802.11a	116/5580	93.40%	1.071	0.393	0.06	10.86	12	1.300	0.547	22
Left tilted	802.11a	116/5580	93.40%	1.071	0.303	0.16	10.86	12	1.300	0.422	22
Right cheek	802.11a	116/5580	93.40%	1.071	0.137	-0.01	10.86	12	1.300	0.191	22
Right tilted	802.11a	116/5580	93.40%	1.071	0.128	-0.03	10.86	12	1.300	0.178	22
Head Test data U-NII-3											
Left cheek	802.11a	157/5785	93.40%	1.071	0.281	-0.04	10.06	12	1.565	0.471	22
Left tilted	802.11a	157/5785	93.40%	1.071	0.205	0.07	10.06	12	1.565	0.344	22
Right cheek	802.11a	157/5785	93.40%	1.071	0.145	0	10.06	12	1.565	0.243	22
Right tilted	802.11a	157/5785	93.40%	1.071	0.118	0.04	10.06	12	1.565	0.198	22
Head Test Data at the worst case with Battery 2#											
Left cheek	802.11a	116/5580	93.40%	1.071	0.549	0.06	10.86	12	1.300	0.713	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	802.11a	116/5580	93.40%	1.071	0.553	0.02	10.86	12	1.300	**0.719**	22.3
Body worn Test data U-NII-2A(Separate 15mm)											
Front side	802.11a	56/5280	93.40%	1.071	0.0427	-0.07	13.27	14	1.183	0.054	22
Back side	802.11a	56/5280	93.40%	1.071	0.0453	-0.01	13.27	14	1.183	0.057	22
Body worn Test data U-NII-2C(Separate 15mm)											
Front side	802.11a	136/5680	93.40%	1.071	0.0232	0.06	13.02	14	1.252	0.031	22
Back side	802.11a	136/5680	93.40%	1.071	0.042	0.08	13.02	14	1.252	0.056	22
Body worn Test data U-NII-3(Separate 15mm)											
Front side	802.11a	157/5785	93.40%	1.071	0.0256	-0.07	12.35	14	1.462	0.040	22
Back side	802.11a	157/5785	93.40%	1.071	0.0512	-0.01	12.35	14	1.462	0.080	22
Body worn Data at the worst case with Battery 2#											
Back side	802.11a	157/5785	93.40%	1.071	0.0551	-0.01	12.35	14	1.462	0.081	22
Body worn Data at the worst case with Battery 3#											
Back side	802.11a	157/5785	93.40%	1.071	0.056	-0.17	12.35	14	1.462	**0.082**	22
Hotspot Test data U-NII-1(Separate 10mm)											
Front side	802.11a	40/5200	93.40%	1.071	0.0512	0.06	13.25	14	1.188	0.065	22
Back side	802.11a	40/5200	93.40%	1.071	0.0804	0.04	13.25	14	1.188	0.102	22
Right side	802.11a	40/5200	93.40%	1.071	0.0244	0.03	13.25	14	1.188	0.031	22
Top side	802.11a	40/5200	93.40%	1.071	0.0361	0.06	13.25	14	1.188	0.046	22
Hotspot Test data U-NII-3(Separate 10mm)											
Front side	802.11a	157/5785	93.40%	1.071	0.0446	0.06	12.35	14	1.462	0.070	22
Back side	802.11a	157/5785	93.40%	1.071	0.0801	0.08	12.35	14	1.462	0.125	22
Right side	802.11a	157/5785	93.40%	1.071	0.0284	0.03	12.35	14	1.462	0.044	22
Top side	802.11a	157/5785	93.40%	1.071	0.0419	0.03	12.35	14	1.462	0.066	22
Hotspot Test Data at the worst case with Battery 2#											
Back side	802.11a	157/5785	93.40%	1.071	0.094	0.04	12.35	14	1.462	**0.137**	22
Hotspot Test Data at the worst case with Battery 3#											
Back side	802.11a	157/5785	93.40%	1.071	0.0701	-0.03	12.35	14	1.462	0.102	22

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Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)10-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Limb Test data U-NII-2A(Separate 0mm)											
Front side	802.11a	56/5280	93.40%	1.071	0.254	-0.02	13.27	14	1.183	0.322	22
Back side	802.11a	56/5280	93.40%	1.071	0.239	0.07	13.27	14	1.183	0.303	22
Right side	802.11a	56/5280	93.40%	1.071	0.0493	0.06	13.27	14	1.183	0.062	22
Top side	802.11a	56/5280	93.40%	1.071	0.166	0.04	13.27	14	1.183	0.210	22
Limb Test data U-NII-2C(Separate 0mm)											
Front side	802.11a	136/5680	93.40%	1.071	0.196	0.07	13.02	14	1.252	0.263	22
Back side	802.11a	136/5680	93.40%	1.071	0.183	-0.08	13.02	14	1.252	0.245	22
Right side	802.11a	136/5680	93.40%	1.071	0.00334	-0.1	13.02	14	1.252	0.004	22
Top side	802.11a	136/5680	93.40%	1.071	0.0746	0.02	13.02	14	1.252	0.100	22
Limb Test Data at the worst case with Battery 2#											
Front side	802.11a	56/5280	93.40%	1.071	0.317	0.05	13.27	14	1.183	0.375	22
Limb Test Data at the worst case with Battery 3#											
Front side	802.11a	56/5280	93.40%	1.071	0.326	0.06	13.27	14	1.183	**0.386**	22

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Ant2 Test data											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg)1-g**	**Power drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data U-NII-2A											
Left cheek	802.11a	56/5280	93.36%	1.071	0.129	0.12	12.29	12.5	1.050	0.145	22
Left tilted	802.11a	56/5280	93.36%	1.071	0.094	0.11	12.29	12.5	1.050	0.106	22
Right cheek	802.11a	56/5280	93.36%	1.071	0.106	0.04	12.29	12.5	1.050	0.119	22
Right tilted	802.11a	56/5280	93.36%	1.071	0.0765	-0.02	12.29	12.5	1.050	0.086	22
Head Test data U-NII-2C											
Left cheek	802.11a	116/5580	93.36%	1.071	0.162	0.08	10.94	12.5	1.432	0.248	22
Left tilted	802.11a	116/5580	93.36%	1.071	0.0989	0.02	10.94	12.5	1.432	0.152	22
Right cheek	802.11a	116/5580	93.36%	1.071	0.141	0.01	10.94	12.5	1.432	0.216	22
Right tilted	802.11a	116/5580	93.36%	1.071	0.085	-0.05	10.94	12.5	1.432	0.130	22
Head Test data U-NII-3											
Left cheek	802.11a	157/5785	93.36%	1.071	0.138	-0.1	10.23	12.5	1.685	**0.249**	22
Left tilted	802.11a	157/5785	93.36%	1.071	0.0899	-0.04	10.23	12.5	1.685	0.162	22
Right cheek	802.11a	157/5785	93.36%	1.071	0.112	-0.13	10.23	12.5	1.685	0.202	22
Right tilted	802.11a	157/5785	93.36%	1.071	0.0675	-0.07	10.23	12.5	1.685	0.122	22
Head Test Data at the worst case with Battery 2#											
Left cheek	802.11a	157/5785	93.36%	1.071	0.124	-0.03	10.23	12.5	1.685	0.209	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	802.11a	157/5785	93.36%	1.071	0.109	0.14	10.23	12.5	1.685	0.184	22.3
Body worn Test data U-NII-2A(Separate 15mm)											
Front side	802.11a	60/5300	93.36%	1.071	0.0143	-0.02	12.30	12.5	1.047	0.016	22
Back side	802.11a	60/5300	93.36%	1.071	0.0135	-0.08	12.30	12.5	1.047	0.015	22
Body worn Test data U-NII-2C(Separate 15mm)											
Front side	802.11a	116/5580	93.36%	1.071	0.012	-0.06	11.46	12.5	1.272	0.016	22
Back side	802.11a	116/5580	93.36%	1.071	0.0125	0.09	11.46	12.5	1.272	0.017	22
Body worn Test data U-NII-3(Separate 15mm)											
Front side	802.11a	157/5785	93.36%	1.071	0.0146	-0.04	10.72	12.5	1.506	0.024	22
Back side	802.11a	157/5785	93.36%	1.071	0.0219	0.02	10.72	12.5	1.506	0.035	22
Body worn Test Data at the worst case with Battery 2#											
Back side	802.11a	157/5785	93.36%	1.071	0.0238	0.04	10.72	12.5	1.506	0.036	22.3
Body worn Test Data at the worst case with Battery 3#											
Back side	802.11a	157/5785	93.36%	1.071	0.025	0.09	10.72	12.5	1.506	**0.038**	22.3
Hotspot Test data U-NII-1(Separate 10mm)											
Front side	802.11a	44/5220	93.36%	1.071	0.0215	-0.04	12.13	12.5	1.088	0.025	22
Back side	802.11a	44/5220	93.36%	1.071	0.0154	0.01	12.13	12.5	1.088	0.018	22
Right side	802.11a	44/5220	93.36%	1.071	0.00503	-0.07	12.13	12.5	1.088	0.006	22
Top side	802.11a	44/5220	93.36%	1.071	0.0117	0.01	12.13	12.5	1.088	0.014	22
Hotspot Test data U-NII-3(Separate 10mm)											
Front side	802.11a	157/5785	93.36%	1.071	0.0246	-0.01	10.72	12.5	1.506	0.040	22
Back side	802.11a	157/5785	93.36%	1.071	0.033	-0.08	10.72	12.5	1.506	**0.053**	22
Right side	802.11a	157/5785	93.36%	1.071	0.00583	-0.05	10.72	12.5	1.506	0.009	22
Top side	802.11a	157/5785	93.36%	1.071	0.0218	-0.06	10.72	12.5	1.506	0.035	22
Hotspot Test Data at the worst case with Battery 2#											
Back side	802.11a	157/5785	93.36%	1.071	0.0283	0.02	10.72	12.5	1.506	0.043	22.3
Hotspot Test Data at the worst case with Battery 3#											
Back side	802.11a	157/5785	93.36%	1.071	0.0306	-0.03	10.72	12.5	1.506	0.046	22.3

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Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)10-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Limb Test data U-NII-2A(Separate 0mm)											
Front side	802.11a	60/5300	93.36%	1.071	0.095	0.08	12.30	12.5	1.047	0.106	22
Back side	802.11a	60/5300	93.36%	1.071	0.11	0.03	12.30	12.5	1.047	0.123	22
Right side	802.11a	60/5300	93.36%	1.071	0.00337	0.1	12.30	12.5	1.047	0.004	22
Top side	802.11a	60/5300	93.36%	1.071	0.015	0.03	12.30	12.5	1.047	0.017	22
Limb Test data U-NII-2C(Separate 0mm)											
Front side	802.11a	116/5580	93.36%	1.071	0.0838	0.07	11.46	12.5	1.272	0.114	22
Back side	802.11a	116/5580	93.36%	1.071	0.0627	0.05	11.46	12.5	1.272	0.085	22
Right side	802.11a	116/5580	93.36%	1.071	0.00416	0.09	11.46	12.5	1.272	0.006	22
Top side	802.11a	116/5580	93.36%	1.071	0.0498	0.01	11.46	12.5	1.272	0.068	22
Limb Test Data at the worst case with Battery 2#											
Back side	802.11a	60/5300	93.36%	1.071	0.122	0.03	12.30	12.5	1.047	0.128	22.3
Limb Test Data at the worst case with Battery 3#											
Back side	802.11a	60/5300	93.36%	1.071	0.136	0.09	12.30	12.5	1.047	**0.142**	22.3

CDD/MIMO Test data			
Test position	**Test mode**	**Scaled SAR(W/kg)**	**Liquid Temp.**
Head Test data			
Left cheek	802.11n20	**0.968**	22
Left tilted	802.11n20	0.584	22
Right cheek	802.11n20	0.459	22
Right tilted	802.11n20	0.328	22
Body worn Test data (Separate 15mm)			
Front side	802.11n20	0.078	22
Back side	802.11n20	**0.12**	22
Hotspot Test data (Separate 10mm)			
Front side	802.11n20	0.11	22
Back side	802.11n20	**0.19**	22
Right side	802.11n20	0.053	22
Top side	802.11n20	0.101	22

Table 34： SAR of 5GHz WIFI for Head and Body

Note:

1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg then testing at the other channels is not required for such test configuration(s).

3) Each channel was tested at the lowest data rate.

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8.3.2 SAR Result Of Bluetooth

Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)1-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR(W/kg)	Liquid Temp.
Head Test data											
Left cheek	DH5	39/2441	100%	1	0.117	0.09	12.3	13.5	1.318	0.154	22
Left tilted	DH5	39/2441	100%	1	0.113	0.03	12.3	13.5	1.318	0.149	22
Right cheek	DH5	39/2441	100%	1	0.0521	0.07	12.3	13.5	1.318	0.069	22
Right tilted	DH5	39/2441	100%	1	0.0699	-0.08	12.3	13.5	1.318	0.092	22
Head Test Data at the worst case with Battery 2#											
Left cheek	DH5	39/2441	100%	1	0.139	-0.04	12.3	13.5	1.318	0.183	22.3
Head Test Data at the worst case with Battery 3#											
Left cheek	DH5	39/2441	100%	1	0.149	0.07	12.3	13.5	1.318	**0.196**	22.3

Table 35： SAR of Bluetooth for Head

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8.4 Multiple Transmitter Evaluation

8.4.1 Simultaneous SAR SAR test evaluation

Simultaneous Transmission

NO.	Simultaneous TX Combination	Head	Body worn	Hotspot	Product Specific 10-g(0mm)
1	GSM Voice (Ant 1) + BT	Yes	Yes	N/A	Yes
2	GSM Data(Ant 1) + BT	N/A	Yes	N/A	Yes
3	GSM Voice(Ant 2) + BT	Yes	Yes	N/A	Yes
4	GSM Data(Ant 2) + BT	N/A	Yes	N/A	Yes
5	GSM Voice(Ant 1) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	N/A	Yes
6	GSM DATA(Ant 1) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	N/A	Yes	Yes	Yes
7	GSM Voice(Ant 2) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	N/A	Yes
8	GSM DATA(Ant 2) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	N/A	Yes	Yes	Yes
9	UMTS(Ant1) + BT	Yes	Yes	N/A	Yes
10	UMTS(Ant2) + BT	Yes	Yes	N/A	Yes
11	UMTS(Ant 1) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	Yes	Yes
12	UMTS(Ant 2) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	Yes	Yes
13	LTE(Ant 1) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	Yes	Yes
14	LTE(Ant 1) + BT	Yes	Yes	No	Yes
15	LTE(Ant 2) + Wi-Fi 2.4G(Ant1)/ Wi-Fi 2.4G(Ant2)/ Wi-Fi 2.4G MIMO	Yes	Yes	Yes	Yes
16	LTE(Ant 2) + BT	Yes	Yes	No	Yes
17	GSM Voice(Ant 1) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	N/A	Yes

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18	GSM DATA(Ant 1) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	N/A	Yes	Yes	Yes
19	GSM Voice(Ant 2) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	N/A	Yes
20	GSM DATA(Ant 2) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	N/A	Yes	Yes	Yes
21	UMTS(Ant 1) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	Yes	Yes
22	UMTS(Ant 2) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	Yes	Yes
23	LTE(Ant 1) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	Yes	Yes
24	LTE(Ant 2) + Wi-Fi 5G(Ant1)/ Wi-Fi 5G(Ant2)/ Wi-Fi 5G MIMO	Yes	Yes	Yes	Yes
25	GSM Voice(Ant 1) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	N/A	Yes
26	GSM Data(Ant 1) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	N/A	Yes	Yes	Yes
27	GSM Voice(Ant 2) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	N/A	Yes
28	GSM Data(Ant 2) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	N/A	Yes	Yes	Yes
29	UMTS(Ant 1) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	Yes	Yes
30	UMTS(Ant 2) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	Yes	Yes
31	LTE(Ant 1) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	Yes	Yes
32	LTE(Ant 2) + Wi-Fi 2.4G(Ant1)+ Wi-Fi 5G(Ant2)	Yes	Yes	Yes	Yes

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33	GSM Voice(Ant 1) + Wi-Fi 2.4G(Ant2)+ Wi-Fi 5G(Ant1)	Yes	Yes	N/A	Yes
34	GSM Voice(Ant 1) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	N/A	Yes
35	GSM DATA(Ant 1) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	N/A	Yes	Yes	Yes
36	GSM Voice(Ant 2) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	N/A	Yes
37	GSM DATA(Ant 2) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	N/A	Yes	Yes	Yes
38	UMTS(Ant 1) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	Yes	Yes
39	UMTS(Ant 2) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	Yes	Yes
40	LTE(Ant 1) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	Yes	Yes
41	LTE(Ant 2) + BT+Wi-Fi 5G(Ant1/Ant2/MIMO)+	Yes	Yes	Yes	Yes

Note:

1) Wi-Fi 2.4G and Bluetooth share the same Tx antenna and can"t transmit simultaneously.
2) The device does not support DTM function.
3) * VOIP 3rd party applications may possibly be installed and used by the user.
4) The device support VoLTE and VoWIFI function.

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8.4.2 Estimated SAR

When the standalone SAR test exclusion is applied to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to the following to determine simultaneous transmission SAR test exclusion:

• (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHz)/x] W/kg for test separation distances ≤ 50 mm;

Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.

• 0.4 W/kg for 1-g SAR and 1.0 W/kg for 10-g SAR, when the test separation distances is > 50 mm.

Estimated SAR Result

Freq. Band	Frequency (MHz)	Test Position	Test Separation (mm)	max. power(dBm)	Estimated 1g SAR (W/kg)
Bluetooth	2480	Body-worn	15	13.5	0.313

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1) Simultaneous Transmission SAR Summation Scenario

WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
GSM 850	Head	Left Cheek	0.177	0.264	0.310	0.574	0.196	0.441	0.487	0.751	0.373	N/A
		Left Tilt	0.09	0.229	0.154	0.383	0.149	0.319	0.244	0.473	0.239	N/A
		Right Cheek	0.241	0.127	0.128	0.255	0.069	0.368	0.369	0.496	0.310	N/A
		Right Tilt	0.094	0.180	0.111	0.291	0.092	0.274	0.205	0.385	0.186	N/A
	Body-worn	Front(voice)	0.268	0.037	0.013	0.050	0.313	0.305	0.281	0.318	0.581	N/A
		Back(voice)	0.292	0.054	0.030	0.084	0.313	0.346	0.322	0.376	0.605	N/A
		Front(data)	0.351	0.037	0.013	0.050	0.313	0.388	0.364	0.401	0.664	N/A
		Back(data)	0.38	0.054	0.030	0.084	0.313	0.434	0.410	0.464	0.693	N/A
	Hotspot	Front	0.526	0.104	0.025	0.129	N/A	0.630	0.551	0.655	N/A	N/A
		Back	0.586	0.095	0.123	0.218	N/A	0.681	0.709	0.804	N/A	N/A
		Left	0.236	0.000	0.000	0.000	N/A	0.236	0.236	0.236	N/A	N/A
		Right	0.313	0.116	0.000	0.116	N/A	0.429	0.313	0.429	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.416	0.000	0.000	0.000	N/A	0.416	0.416	0.416	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
GSM 850	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.761	0.264	0.310	0.574	0.196	1.025	1.071	1.335	0.957	N/A
		Left Tilt	0.562	0.229	0.154	0.383	0.149	0.791	0.716	0.945	0.711	N/A
		Right Cheek	0.975	0.127	0.128	0.255	0.069	1.102	1.103	1.230	1.044	N/A
		Right Tilt	0.707	0.180	0.111	0.291	0.092	0.887	0.818	0.998	0.799	N/A
	Body-worn	Front(voice)	0.352	0.037	0.013	0.050	0.313	0.389	0.365	0.402	0.665	N/A
		Back(voice)	0.336	0.054	0.030	0.084	0.313	0.390	0.366	0.420	0.649	N/A
		Front(data)	0.499	0.037	0.013	0.050	0.313	0.536	0.512	0.549	0.812	N/A
		Back(data)	0.444	0.054	0.030	0.084	0.313	0.498	0.474	0.528	0.757	N/A
	Hotspot	Front	0.536	0.104	0.025	0.129	N/A	0.640	0.561	0.665	N/A	N/A
		Back	0.502	0.095	0.123	0.218	N/A	0.597	0.625	0.720	N/A	N/A
		Left	0.241	0.000	0.000	0.000	N/A	0.241	0.241	0.241	N/A	N/A
		Right	0.040	0.116	0.000	0.116	N/A	0.156	0.040	0.156	N/A	N/A
		Top	0.278	0.315	0.000	0.315	N/A	0.593	0.278	0.593	N/A	N/A
		Bottom	0	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
GSM 1900	Head	Left Cheek	0.065	0.264	0.310	0.574	0.196	0.329	0.375	0.639	0.261	N/A
		Left Tilt	0.036	0.229	0.154	0.383	0.149	0.265	0.190	0.419	0.185	N/A
		Right Cheek	0.088	0.127	0.128	0.255	0.069	0.215	0.216	0.343	0.157	N/A
		Right Tilt	0.058	0.180	0.111	0.291	0.092	0.238	0.169	0.349	0.15	N/A
	Body-worn	Front(voice)	0.286	0.037	0.013	0.050	0.313	0.323	0.299	0.336	0.599	N/A
		Back(voice)	0.272	0.054	0.030	0.084	0.313	0.326	0.302	0.356	0.585	N/A
		Front(data)	0.365	0.037	0.013	0.050	0.313	0.402	0.378	0.415	0.678	N/A
		Back(data)	0.383	0.054	0.030	0.084	0.313	0.437	0.413	0.467	0.696	N/A
	Hotspot	Front	0.279	0.104	0.025	0.129	N/A	0.383	0.304	0.408	N/A	N/A
		Back	0.298	0.095	0.123	0.218	N/A	0.393	0.421	0.516	N/A	N/A
		Left	0.058	0.000	0.000	0.000	N/A	0.058	0.058	0.058	N/A	N/A
		Right	0.075	0.116	0.000	0.116	N/A	0.191	0.075	0.191	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.791	0.000	0.000	0.000	N/A	0.791	0.791	0.791	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	1.77	/	/	/	/	1.77	1.77	1.77	1.77	N/A
GSM 1900	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.280	0.264	0.310	0.574	0.196	0.544	0.590	0.854	0.476	N/A
		Left Tilt	0.394	0.229	0.154	0.383	0.149	0.623	0.548	0.777	0.543	N/A
		Right Cheek	0.799	0.127	0.128	0.255	0.069	0.926	0.927	1.054	0.868	N/A
		Right Tilt	0.846	0.180	0.111	0.291	0.092	1.026	0.957	1.137	0.938	N/A
	Body-worn	Front(voice)	0.147	0.037	0.013	0.050	0.313	0.184	0.160	0.197	0.460	N/A
		Back(voice)	0.162	0.054	0.030	0.084	0.313	0.216	0.192	0.246	0.475	N/A
		Front(data)	0.182	0.037	0.013	0.050	0.313	0.219	0.195	0.232	0.495	N/A
		Back(data)	0.308	0.054	0.030	0.084	0.313	0.362	0.338	0.392	0.621	N/A
	Hotspot	Front	0.193	0.104	0.025	0.129	N/A	0.297	0.218	0.322	N/A	N/A
		Back	0.165	0.095	0.123	0.218	N/A	0.260	0.288	0.383	N/A	N/A
		Left	0.156	0.000	0.000	0.000	N/A	0.156	0.156	0.156	N/A	N/A
		Right	0.037	0.116	0.000	0.116	N/A	0.153	0.037	0.153	N/A	N/A
		Top	0.319	0.315	0.000	0.315	N/A	0.634	0.319	0.634	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
WCDMA B2	Head	Left Cheek	0.082	0.264	0.310	0.574	0.196	0.346	0.392	0.656	0.278	N/A
		Left Tilt	0.044	0.229	0.154	0.383	0.149	0.273	0.198	0.427	0.193	N/A
		Right Cheek	0.148	0.127	0.128	0.255	0.069	0.275	0.276	0.403	0.217	N/A
		Right Tilt	0.059	0.180	0.111	0.291	0.092	0.239	0.170	0.350	0.151	N/A
	Body-worn	Front	0.425	0.037	0.013	0.050	0.313	0.462	0.438	0.475	0.738	N/A
		Back	0.403	0.054	0.030	0.084	0.313	0.457	0.433	0.487	0.716	N/A
	Hotspot	Front	0.316	0.104	0.025	0.129	N/A	0.420	0.341	0.445	N/A	N/A
		Back	0.305	0.095	0.123	0.218	N/A	0.400	0.428	0.523	N/A	N/A
		Left	0.065	0.000	0.000	0.000	N/A	0.065	0.065	0.065	N/A	N/A
		Right	0.061	0.116	0.000	0.116	N/A	0.177	0.061	0.177	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.805	0.000	0.000	0.000	N/A	0.805	0.805	0.805	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	1.753	/	/	/	/	1.753	1.753	1.753	1.753	N/A
WCDMA B2	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.410	0.264	0.310	0.574	0.196	0.674	0.720	0.984	0.606	N/A
		Left Tilt	0.491	0.229	0.154	0.383	0.149	0.720	0.645	0.874	0.640	N/A
		Right Cheek	0.821	0.127	0.128	0.255	0.069	0.948	0.949	1.076	0.890	N/A
		Right Tilt	0.892	0.180	0.111	0.291	0.092	1.072	1.003	1.183	0.984	N/A
	Body-worn	Front	0.187	0.037	0.013	0.050	0.313	0.224	0.200	0.237	0.500	N/A
		Back	0.214	0.054	0.030	0.084	0.313	0.268	0.244	0.298	0.527	N/A
	Hotspot	Front	0.298	0.104	0.025	0.129	N/A	0.402	0.323	0.427	N/A	N/A
		Back	0.218	0.095	0.123	0.218	N/A	0.313	0.341	0.436	N/A	N/A
		Left	0.199	0.000	0.000	0.000	N/A	0.199	0.199	0.199	N/A	N/A
		Right	0.055	0.116	0.000	0.116	N/A	0.171	0.055	0.171	N/A	N/A
		Top	0.423	0.315	0.000	0.315	N/A	0.738	0.423	0.738	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
WCDMA B4	Head	Left Cheek	0.152	0.264	0.310	0.574	0.196	0.416	0.462	0.726	0.348	N/A
		Left Tilt	0.073	0.229	0.154	0.383	0.149	0.302	0.227	0.456	0.222	N/A
		Right Cheek	0.11	0.127	0.128	0.255	0.069	0.237	0.238	0.365	0.179	N/A
		Right Tilt	0.069	0.180	0.111	0.291	0.092	0.249	0.180	0.360	0.161	N/A
	Body-worn	Front	0.541	0.037	0.013	0.050	0.313	0.578	0.554	0.591	0.854	N/A
		Back	0.486	0.054	0.030	0.084	0.313	0.540	0.516	0.570	0.799	N/A
	Hotspot	Front	0.343	0.104	0.025	0.129	N/A	0.447	0.368	0.472	N/A	N/A
		Back	0.381	0.095	0.123	0.218	N/A	0.476	0.504	0.599	N/A	N/A
		Left	0.105	0.000	0.000	0.000	N/A	0.105	0.105	0.105	N/A	N/A
		Right	0.053	0.116	0.000	0.116	N/A	0.169	0.053	0.169	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.744	0.000	0.000	0.000	N/A	0.744	0.744	0.744	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	2.148	/	/	/	/	2.148	2.148	2.148	2.148	N/A
WCDMA B4	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR① +④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.348	0.264	0.310	0.574	0.196	0.612	0.658	0.922	0.544	N/A
		Left Tilt	0.362	0.229	0.154	0.383	0.149	0.591	0.516	0.745	0.511	N/A
		Right Cheek	0.429	0.127	0.128	0.255	0.069	0.556	0.557	0.684	0.498	N/A
		Right Tilt	0.391	0.180	0.111	0.291	0.092	0.571	0.502	0.682	0.483	N/A
	Body-worn	Front	0.303	0.037	0.013	0.050	0.313	0.340	0.316	0.353	0.616	N/A
		Back	0.338	0.054	0.030	0.084	0.313	0.392	0.368	0.422	0.651	N/A
	Hotspot	Front	0.316	0.104	0.025	0.129	N/A	0.420	0.341	0.445	N/A	N/A
		Back	0.368	0.095	0.123	0.218	N/A	0.463	0.491	0.586	N/A	N/A
		Left	0.221	0.000	0.000	0.000	N/A	0.221	0.221	0.221	N/A	N/A
		Right	0.030	0.116	0.000	0.116	N/A	0.146	0.030	0.146	N/A	N/A
		Top	0.476	0.315	0.000	0.315	N/A	0.791	0.476	0.791	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
WCDMA B5	Head	Left Cheek	0.179	0.264	0.310	0.574	0.196	0.443	0.489	0.753	0.375	N/A
		Left Tilt	0.103	0.229	0.154	0.383	0.149	0.332	0.257	0.486	0.252	N/A
		Right Cheek	0.247	0.127	0.128	0.255	0.069	0.374	0.375	0.502	0.316	N/A
		Right Tilt	0.105	0.180	0.111	0.291	0.092	0.285	0.216	0.396	0.197	N/A
	Body-worn	Front	0.279	0.037	0.013	0.050	0.313	0.316	0.292	0.329	0.592	N/A
		Back	0.299	0.054	0.030	0.084	0.313	0.353	0.329	0.383	0.612	N/A
	Hotspot	Front	0.477	0.104	0.025	0.129	N/A	0.581	0.502	0.606	N/A	N/A
		Back	0.506	0.095	0.123	0.218	N/A	0.601	0.629	0.724	N/A	N/A
		Left	0.196	0.000	0.000	0.000	N/A	0.196	0.196	0.196	N/A	N/A
		Right	0.283	0.116	0.000	0.116	N/A	0.399	0.283	0.399	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.369	0.000	0.000	0.000	N/A	0.369	0.369	0.369	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
WCDMA B5	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.730	0.264	0.310	0.574	0.196	0.994	1.040	1.304	0.926	N/A
		Left Tilt	0.427	0.229	0.154	0.383	0.149	0.656	0.581	0.810	0.576	N/A
		Right Cheek	0.541	0.127	0.128	0.255	0.069	0.668	0.669	0.796	0.610	N/A
		Right Tilt	0.467	0.180	0.111	0.291	0.092	0.647	0.578	0.758	0.559	N/A
	Body-worn	Front	0.504	0.037	0.013	0.050	0.313	0.541	0.517	0.554	0.817	N/A
		Back	0.451	0.054	0.030	0.084	0.313	0.505	0.481	0.535	0.764	N/A
	Hotspot	Front	0.459	0.104	0.025	0.129	N/A	0.563	0.484	0.588	N/A	N/A
		Back	0.419	0.095	0.123	0.218	N/A	0.514	0.542	0.637	N/A	N/A
		Left	0.245	0.000	0.000	0.000	N/A	0.245	0.245	0.245	N/A	N/A
		Right	0.032	0.116	0.000	0.116	N/A	0.148	0.032	0.148	N/A	N/A
		Top	0.244	0.315	0.000	0.315	N/A	0.559	0.244	0.559	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B2	Head	Left Cheek	0.146	0.264	0.310	0.574	0.196	0.410	0.456	0.720	0.342	N/A
		Left Tilt	0.071	0.229	0.154	0.383	0.149	0.300	0.225	0.454	0.22	N/A
		Right Cheek	0.189	0.127	0.128	0.255	0.069	0.316	0.317	0.444	0.258	N/A
		Right Tilt	0.098	0.180	0.111	0.291	0.092	0.278	0.209	0.389	0.19	N/A
	Body-worn	Front	0.618	0.037	0.013	0.050	0.313	0.655	0.631	0.668	0.931	N/A
		Back	0.54	0.054	0.030	0.084	0.313	0.594	0.570	0.624	0.853	N/A
	Hotspot	Front	0.278	0.104	0.025	0.129	N/A	0.382	0.303	0.407	N/A	N/A
		Back	0.302	0.095	0.123	0.218	N/A	0.397	0.425	0.520	N/A	N/A
		Left	0.055	0.000	0.000	0.000	N/A	0.055	0.055	0.055	N/A	N/A
		Right	0.066	0.116	0.000	0.116	N/A	0.182	0.066	0.182	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.73	0.000	0.000	0.000	N/A	0.730	0.730	0.730	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	1.7	/	/	/	/	1.700	1.700	1.700	1.7	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.292	0.264	0.310	0.574	0.196	0.556	0.602	0.866	0.488	N/A
		Left Tilt	0.378	0.229	0.154	0.383	0.149	0.607	0.532	0.761	0.527	N/A
		Right Cheek	0.743	0.127	0.128	0.255	0.069	0.870	0.871	0.998	0.812	N/A
		Right Tilt	0.658	0.180	0.111	0.291	0.092	0.838	0.769	0.949	0.750	N/A
	Body-worn	Front	0.151	0.037	0.013	0.050	0.313	0.188	0.164	0.201	0.464	N/A
		Back	0.204	0.054	0.030	0.084	0.313	0.258	0.234	0.288	0.517	N/A
	Hotspot	Front	0.293	0.104	0.025	0.129	N/A	0.397	0.318	0.422	N/A	N/A
		Back	0.255	0.095	0.123	0.218	N/A	0.350	0.378	0.473	N/A	N/A
		Left	0.165	0.000	0.000	0.000	N/A	0.165	0.165	0.165	N/A	N/A
		Right	0.231	0.116	0.000	0.116	N/A	0.347	0.231	0.347	N/A	N/A
		Top	0.442	0.315	0.000	0.315	N/A	0.757	0.442	0.757	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B4	Head	Left Cheek	0.13	0.264	0.310	0.574	0.196	0.394	0.440	0.704	0.326	N/A
		Left Tilt	0.046	0.229	0.154	0.383	0.149	0.275	0.200	0.429	0.195	N/A
		Right Cheek	0.104	0.127	0.128	0.255	0.069	0.231	0.232	0.359	0.173	N/A
		Right Tilt	0.066	0.180	0.111	0.291	0.092	0.246	0.177	0.357	0.158	N/A
	Body-worn	Front	0.381	0.037	0.013	0.050	0.313	0.418	0.394	0.431	0.694	N/A
		Back	0.372	0.054	0.030	0.084	0.313	0.426	0.402	0.456	0.685	N/A
	Hotspot	Front	0.416	0.104	0.025	0.129	N/A	0.520	0.441	0.545	N/A	N/A
		Back	0.412	0.095	0.123	0.218	N/A	0.507	0.535	0.630	N/A	N/A
		Left	0.096	0.000	0.000	0.000	N/A	0.096	0.096	0.096	N/A	N/A
		Right	0.056	0.116	0.000	0.116	N/A	0.172	0.056	0.172	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.865	0.000	0.000	0.000	N/A	0.865	0.865	0.865	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	1.983	/	/	/	/	1.983	1.983	1.983	1.983	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.327	0.264	0.310	0.574	0.196	0.591	0.637	0.901	0.523	N/A
		Left Tilt	0.322	0.229	0.154	0.383	0.149	0.551	0.476	0.705	0.471	N/A
		Right Cheek	0.417	0.127	0.128	0.255	0.069	0.544	0.545	0.672	0.486	N/A
		Right Tilt	0.469	0.180	0.111	0.291	0.092	0.649	0.580	0.760	0.561	N/A
	Body-worn	Front	0.342	0.037	0.013	0.050	0.313	0.379	0.355	0.392	0.655	N/A
		Back	0.390	0.054	0.030	0.084	0.313	0.444	0.420	0.474	0.703	N/A
	Hotspot	Front	0.453	0.104	0.025	0.129	N/A	0.557	0.478	0.582	N/A	N/A
		Back	0.504	0.095	0.123	0.218	N/A	0.599	0.627	0.722	N/A	N/A
		Left	0.324	0.000	0.000	0.000	N/A	0.324	0.324	0.324	N/A	N/A
		Right	0.098	0.116	0.000	0.116	N/A	0.214	0.098	0.214	N/A	N/A
		Top	0.521	0.315	0.000	0.315	N/A	0.836	0.521	0.836	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B5	Head	Left Cheek	0.093	0.264	0.310	0.574	0.196	0.357	0.403	0.667	0.289	N/A
		Left Tilt	0.047	0.229	0.154	0.383	0.149	0.276	0.201	0.430	0.196	N/A
		Right Cheek	0.126	0.127	0.128	0.255	0.069	0.253	0.254	0.381	0.195	N/A
		Right Tilt	0.054	0.180	0.111	0.291	0.092	0.234	0.165	0.345	0.146	N/A
	Body-worn	Front	0.147	0.037	0.013	0.050	0.313	0.184	0.160	0.197	0.460	N/A
		Back	0.15	0.054	0.030	0.084	0.313	0.204	0.180	0.234	0.463	N/A
	Hotspot	Front	0.223	0.104	0.025	0.129	N/A	0.327	0.248	0.352	N/A	N/A
		Back	0.26	0.095	0.123	0.218	N/A	0.355	0.383	0.478	N/A	N/A
		Left	0.062	0.000	0.000	0.000	N/A	0.062	0.062	0.062	N/A	N/A
		Right	0.156	0.116	0.000	0.116	N/A	0.272	0.156	0.272	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.195	0.000	0.000	0.000	N/A	0.195	0.195	0.195	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.390	0.264	0.310	0.574	0.196	0.654	0.700	0.964	0.586	N/A
		Left Tilt	0.294	0.229	0.154	0.383	0.149	0.523	0.448	0.677	0.443	N/A
		Right Cheek	0.419	0.127	0.128	0.255	0.069	0.546	0.547	0.674	0.488	N/A
		Right Tilt	0.429	0.180	0.111	0.291	0.092	0.609	0.540	0.720	0.521	N/A
	Body-worn	Front	0.489	0.037	0.013	0.050	0.313	0.526	0.502	0.539	0.802	N/A
		Back	0.455	0.054	0.030	0.084	0.313	0.509	0.485	0.539	0.768	N/A
	Hotspot	Front	0.413	0.104	0.025	0.129	N/A	0.517	0.438	0.542	N/A	N/A
		Back	0.385	0.095	0.123	0.218	N/A	0.480	0.508	0.603	N/A	N/A
		Left	0.218	0.000	0.000	0.000	N/A	0.218	0.218	0.218	N/A	N/A
		Right	0.038	0.116	0.000	0.116	N/A	0.154	0.038	0.154	N/A	N/A
		Top	0.310	0.315	0.000	0.315	N/A	0.625	0.310	0.625	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B7	Head	Left Cheek	0.039	0.264	0.310	0.574	0.196	0.303	0.349	0.613	0.235	N/A
		Left Tilt	0.031	0.229	0.154	0.383	0.149	0.260	0.185	0.414	0.18	N/A
		Right Cheek	0.165	0.127	0.128	0.255	0.069	0.292	0.293	0.420	0.234	N/A
		Right Tilt	0.042	0.180	0.111	0.291	0.092	0.222	0.153	0.333	0.134	N/A
	Body-worn	Front	0.466	0.037	0.013	0.050	0.313	0.503	0.479	0.516	0.779	N/A
		Back	0.437	0.054	0.030	0.084	0.313	0.491	0.467	0.521	0.750	N/A
	Hotspot	Front	0.215	0.104	0.025	0.129	N/A	0.319	0.240	0.344	N/A	N/A
		Back	0.199	0.095	0.123	0.218	N/A	0.294	0.322	0.417	N/A	N/A
		Left	0.122	0.000	0.000	0.000	N/A	0.122	0.122	0.122	N/A	N/A
		Right	0.032	0.116	0.000	0.116	N/A	0.148	0.032	0.148	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.602	0.000	0.000	0.000	N/A	0.602	0.602	0.602	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	1.952	/	/	/	/	1.952	1.952	1.952	1.952	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.193	0.264	0.310	0.574	0.196	0.457	0.503	0.767	0.389	N/A
		Left Tilt	0.175	0.229	0.154	0.383	0.149	0.404	0.329	0.558	0.324	N/A
		Right Cheek	0.521	0.127	0.128	0.255	0.069	0.648	0.649	0.776	0.590	N/A
		Right Tilt	0.391	0.180	0.111	0.291	0.092	0.571	0.502	0.682	0.483	N/A
	Body-worn	Front	0.046	0.037	0.013	0.050	0.313	0.083	0.059	0.096	0.359	N/A
		Back	0.101	0.054	0.030	0.084	0.313	0.155	0.131	0.185	0.414	N/A
	Hotspot	Front	0.059	0.104	0.025	0.129	N/A	0.163	0.084	0.188	N/A	N/A
		Back	0.112	0.095	0.123	0.218	N/A	0.207	0.235	0.330	N/A	N/A
		Left	0.072	0.000	0.000	0.000	N/A	0.072	0.072	0.072	N/A	N/A
		Right	0.032	0.116	0.000	0.116	N/A	0.148	0.032	0.148	N/A	N/A
		Top	0.122	0.315	0.000	0.315	N/A	0.437	0.122	0.437	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B12	Head	Left Cheek	0.074	0.264	0.310	0.574	0.196	0.338	0.384	0.648	0.27	N/A
		Left Tilt	0.063	0.229	0.154	0.383	0.149	0.292	0.217	0.446	0.212	N/A
		Right Cheek	0.102	0.127	0.128	0.255	0.069	0.229	0.230	0.357	0.171	N/A
		Right Tilt	0.045	0.180	0.111	0.291	0.092	0.225	0.156	0.336	0.137	N/A
	Body-worn	Front	0.156	0.037	0.013	0.050	0.313	0.193	0.169	0.206	0.469	N/A
		Back	0.184	0.054	0.030	0.084	0.313	0.238	0.214	0.268	0.497	N/A
	Hotspot	Front	0.23	0.104	0.025	0.129	N/A	0.334	0.255	0.359	N/A	N/A
		Back	0.273	0.095	0.123	0.218	N/A	0.368	0.396	0.491	N/A	N/A
		Left	0.098	0.000	0.000	0.000	N/A	0.098	0.098	0.098	N/A	N/A
		Right	0.214	0.116	0.000	0.116	N/A	0.330	0.214	0.330	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.166	0.000	0.000	0.000	N/A	0.166	0.166	0.166	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.622	0.264	0.310	0.574	0.196	0.886	0.932	1.196	0.818	N/A
		Left Tilt	0.514	0.229	0.154	0.383	0.149	0.743	0.668	0.897	0.663	N/A
		Right Cheek	0.662	0.127	0.128	0.255	0.069	0.789	0.790	0.917	0.731	N/A
		Right Tilt	0.642	0.180	0.111	0.291	0.092	0.822	0.753	0.933	0.734	N/A
	Body-worn	Front	0.161	0.037	0.013	0.050	0.313	0.198	0.174	0.211	0.474	N/A
		Back	0.139	0.054	0.030	0.084	0.313	0.193	0.169	0.223	0.452	N/A
	Hotspot	Front	0.203	0.104	0.025	0.129	N/A	0.307	0.228	0.332	N/A	N/A
		Back	0.186	0.095	0.123	0.218	N/A	0.281	0.309	0.404	N/A	N/A
		Left	0.107	0.000	0.000	0.000	N/A	0.107	0.107	0.107	N/A	N/A
		Right	0.025	0.116	0.000	0.116	N/A	0.141	0.025	0.141	N/A	N/A
		Top	0.126	0.315	0.000	0.315	N/A	0.441	0.126	0.441	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B17	Head	Left Cheek	0.095	0.264	0.310	0.574	0.196	0.359	0.405	0.669	0.291	N/A
		Left Tilt	0.088	0.229	0.154	0.383	0.149	0.317	0.242	0.471	0.237	N/A
		Right Cheek	0.125	0.127	0.128	0.255	0.069	0.252	0.253	0.380	0.194	N/A
		Right Tilt	0.062	0.180	0.111	0.291	0.092	0.242	0.173	0.353	0.154	N/A
	Body-worn	Front	0.203	0.037	0.013	0.050	0.313	0.240	0.216	0.253	0.516	N/A
		Back	0.226	0.054	0.030	0.084	0.313	0.280	0.256	0.310	0.539	N/A
	Hotspot	Front	0.276	0.104	0.025	0.129	N/A	0.380	0.301	0.405	N/A	N/A
		Back	0.354	0.095	0.123	0.218	N/A	0.449	0.477	0.572	N/A	N/A
		Left	0.103	0.000	0.000	0.000	N/A	0.103	0.103	0.103	N/A	N/A
		Right	0.233	0.116	0.000	0.116	N/A	0.349	0.233	0.349	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.213	0.000	0.000	0.000	N/A	0.213	0.213	0.213	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.638	0.264	0.310	0.574	0.196	0.902	0.948	1.212	0.834	N/A
		Left Tilt	0.456	0.229	0.154	0.383	0.149	0.685	0.610	0.839	0.605	N/A
		Right Cheek	0.512	0.127	0.128	0.255	0.069	0.639	0.640	0.767	0.581	N/A
		Right Tilt	0.446	0.180	0.111	0.291	0.092	0.626	0.557	0.737	0.538	N/A
	Body-worn	Front	0.168	0.037	0.013	0.050	0.313	0.205	0.181	0.218	0.481	N/A
		Back	0.166	0.054	0.030	0.084	0.313	0.220	0.196	0.250	0.479	N/A
	Hotspot	Front	0.147	0.104	0.025	0.129	N/A	0.251	0.172	0.276	N/A	N/A
		Back	0.118	0.095	0.123	0.218	N/A	0.213	0.241	0.336	N/A	N/A
		Left	0.081	0.000	0.000	0.000	N/A	0.081	0.081	0.081	N/A	N/A
		Right	0.021	0.116	0.000	0.116	N/A	0.137	0.021	0.137	N/A	N/A
		Top	0.092	0.315	0.000	0.315	N/A	0.407	0.092	0.407	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B26	Head	Left Cheek	0.11	0.264	0.310	0.574	0.196	0.374	0.420	0.684	0.306	N/A
		Left Tilt	0.055	0.229	0.154	0.383	0.149	0.284	0.209	0.438	0.204	N/A
		Right Cheek	0.147	0.127	0.128	0.255	0.069	0.274	0.275	0.402	0.216	N/A
		Right Tilt	0.063	0.180	0.111	0.291	0.092	0.243	0.174	0.354	0.155	N/A
	Body-worn	Front	0.167	0.037	0.013	0.050	0.313	0.204	0.180	0.217	0.480	N/A
		Back	0.173	0.054	0.030	0.084	0.313	0.227	0.203	0.257	0.486	N/A
	Hotspot	Front	0.255	0.104	0.025	0.129	N/A	0.359	0.280	0.384	N/A	N/A
		Back	0.28	0.095	0.123	0.218	N/A	0.375	0.403	0.498	N/A	N/A
		Left	0.068	0.000	0.000	0.000	N/A	0.068	0.068	0.068	N/A	N/A
		Right	0.172	0.116	0.000	0.116	N/A	0.288	0.172	0.288	N/A	N/A
		Top	0	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.212	0.000	0.000	0.000	N/A	0.212	0.212	0.212	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.507	0.264	0.310	0.574	0.196	0.771	0.817	1.081	0.703	N/A
		Left Tilt	0.397	0.229	0.154	0.383	0.149	0.626	0.551	0.780	0.546	N/A
		Right Cheek	0.703	0.127	0.128	0.255	0.069	0.830	0.831	0.958	0.772	N/A
		Right Tilt	0.498	0.180	0.111	0.291	0.092	0.678	0.609	0.789	0.590	N/A
	Body-worn	Front	0.506	0.037	0.013	0.050	0.313	0.543	0.519	0.556	0.819	N/A
		Back	0.443	0.054	0.030	0.084	0.313	0.497	0.473	0.527	0.756	N/A
	Hotspot	Front	0.419	0.104	0.025	0.129	N/A	0.523	0.444	0.548	N/A	N/A
		Back	0.363	0.095	0.123	0.218	N/A	0.458	0.486	0.581	N/A	N/A
		Left	0.242	0.000	0.000	0.000	N/A	0.242	0.242	0.242	N/A	N/A
		Right	0.039	0.116	0.000	0.116	N/A	0.155	0.039	0.155	N/A	N/A
		Top	0.273	0.315	0.000	0.315	N/A	0.588	0.273	0.588	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B38	Head	Left Cheek	0.025	0.264	0.310	0.574	0.196	0.289	0.335	0.599	0.221	N/A
		Left Tilt	0.031	0.229	0.154	0.383	0.149	0.260	0.185	0.414	0.18	N/A
		Right Cheek	0.114	0.127	0.128	0.255	0.069	0.241	0.242	0.369	0.183	N/A
		Right Tilt	0.034	0.180	0.111	0.291	0.092	0.214	0.145	0.325	0.126	N/A
	Body-worn	Front	0.238	0.037	0.013	0.050	0.313	0.275	0.251	0.288	0.551	N/A
		Back	0.264	0.054	0.030	0.084	0.313	0.318	0.294	0.348	0.577	N/A
	Hotspot	Front	0.241	0.104	0.025	0.129	N/A	0.345	0.266	0.370	N/A	N/A
		Back	0.24	0.095	0.123	0.218	N/A	0.335	0.363	0.458	N/A	N/A
		Left	0.184	0.000	0.000	0.000	N/A	0.184	0.184	0.184	N/A	N/A
		Right	0.061	0.116	0.000	0.116	N/A	0.177	0.061	0.177	N/A	N/A
		Top	0.000	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.762	0.000	0.000	0.000	N/A	0.762	0.762	0.762	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.264	0.264	0.310	0.574	0.196	0.528	0.574	0.838	0.460	N/A
		Left Tilt	0.288	0.229	0.154	0.383	0.149	0.517	0.442	0.671	0.437	N/A
		Right Cheek	0.946	0.127	0.128	0.255	0.069	1.073	1.074	1.201	1.015	N/A
		Right Tilt	0.521	0.180	0.111	0.291	0.092	0.701	0.632	0.812	0.613	N/A
	Body-worn	Front	0.219	0.037	0.013	0.050	0.313	0.256	0.232	0.269	0.532	N/A
		Back	0.252	0.054	0.030	0.084	0.313	0.306	0.282	0.336	0.565	N/A
	Hotspot	Front	0.316	0.104	0.025	0.129	N/A	0.420	0.341	0.445	N/A	N/A
		Back	0.262	0.095	0.123	0.218	N/A	0.357	0.385	0.480	N/A	N/A
		Left	0.158	0.000	0.000	0.000	N/A	0.158	0.158	0.158	N/A	N/A
		Right	0.033	0.116	0.000	0.116	N/A	0.149	0.033	0.149	N/A	N/A
		Top	0.232	0.315	0.000	0.315	N/A	0.547	0.232	0.547	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+⑤	Case NO.
LTE B41	Head	Left Cheek	0.022	0.264	0.310	0.574	0.196	0.286	0.332	0.596	0.218	N/A
		Left Tilt	0.011	0.229	0.154	0.383	0.149	0.240	0.165	0.394	0.16	N/A
		Right Cheek	0.083	0.127	0.128	0.255	0.069	0.210	0.211	0.338	0.152	N/A
		Right Tilt	0.023	0.180	0.111	0.291	0.092	0.203	0.134	0.314	0.115	N/A
	Body-worn	Front	0.273	0.037	0.013	0.050	0.313	0.310	0.286	0.323	0.586	N/A
		Back	0.251	0.054	0.030	0.084	0.313	0.305	0.281	0.335	0.564	N/A
	Hotspot	Front	0.337	0.104	0.025	0.129	N/A	0.441	0.362	0.466	N/A	N/A
		Back	0.276	0.095	0.123	0.218	N/A	0.371	0.399	0.494	N/A	N/A
		Left	0.16	0.000	0.000	0.000	N/A	0.160	0.160	0.160	N/A	N/A
		Right	0.058	0.116	0.000	0.116	N/A	0.174	0.058	0.174	N/A	N/A
		Top	0.000	0.315	0.000	0.315	N/A	0.315	0.000	0.315	N/A	N/A
		Bottom	0.931	0.000	0.000	0.000	N/A	0.931	0.931	0.931	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 2.4G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR①+④	∑1-g SAR ①+⑤	Case NO.
	Head	Left Cheek	0.247	0.264	0.310	0.574	0.196	0.511	0.557	0.821	0.443	N/A
		Left Tilt	0.272	0.229	0.154	0.383	0.149	0.501	0.426	0.655	0.421	N/A
		Right Cheek	1.050	0.127	0.128	0.255	0.069	1.177	1.178	1.305	1.119	N/A
		Right Tilt	0.718	0.180	0.111	0.291	0.092	0.898	0.829	1.009	0.810	N/A
	Body-worn	Front	0.171	0.037	0.013	0.050	0.313	0.208	0.184	0.221	0.484	N/A
		Back	0.235	0.054	0.030	0.084	0.313	0.289	0.265	0.319	0.548	N/A
	Hotspot	Front	0.308	0.104	0.025	0.129	N/A	0.412	0.333	0.437	N/A	N/A
		Back	0.269	0.095	0.123	0.218	N/A	0.364	0.392	0.487	N/A	N/A
		Left	0.157	0.000	0.000	0.000	N/A	0.157	0.157	0.157	N/A	N/A
		Right	0.027	0.116	0.000	0.116	N/A	0.143	0.027	0.143	N/A	N/A
		Top	0.258	0.315	0.000	0.315	N/A	0.573	0.258	0.573	N/A	N/A
		Bottom	0.000	0.000	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A
	Limbs	Front	/	/	/	/	/	/	/	/	/	N/A
		Back	/	/	/	/	/	/	/	/	/	N/A
		Left	/	/	/	/	/	/	/	/	/	N/A
		Right	/	/	/	/	/	/	/	/	/	N/A
		Top	/	/	/	/	/	/	/	/	/	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
GSM 850	Head	Left Cheek	0.177	0.719	0.249	0.968	0.196	0.896	0.426	1.145	1.092	0.622	1.341	N/A
		Left Tilt	0.09	0.422	0.162	0.584	0.149	0.512	0.252	0.674	0.661	0.401	0.823	N/A
		Right Cheek	0.241	0.243	0.216	0.459	0.069	0.484	0.457	0.7	0.553	0.526	0.769	N/A
		Right Tilt	0.094	0.198	0.13	0.328	0.092	0.292	0.224	0.422	0.384	0.316	0.514	N/A
	Body-worn	Front(voice)	0.268	0.054	0.024	0.078	0.313	0.322	0.292	0.346	0.635	0.605	0.659	N/A
		Back(voice)	0.292	0.082	0.038	0.12	0.313	0.374	0.33	0.412	0.687	0.643	0.725	N/A
		Front(data)	0.351	0.054	0.024	0.078	0.313	0.405	0.375	0.429	0.718	0.688	0.742	N/A
		Back(data)	0.38	0.082	0.038	0.12	0.313	0.462	0.418	0.5	0.775	0.731	0.813	N/A
	Hotspot	Front	0.526	0.07	0.04	0.11	N/A	0.596	0.566	0.636	N/A	N/A	N/A	N/A
		Back	0.586	0.137	0.053	0.19	N/A	0.723	0.639	0.776	N/A	N/A	N/A	N/A
		Left	0.236	0	0	0	N/A	0.236	0.236	0.236	N/A	N/A	N/A	N/A
		Right	0.313	0.044	0.009	0.053	N/A	0.357	0.322	0.366	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.416	0	0	0	N/A	0.416	0.416	0.416	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.324	0.719	0.249	0.968	0.196	1.043	0.573	1.292	1.239	0.769	1.488	N/A
		Left Tilt	0.562	0.422	0.162	0.584	0.149	0.984	0.724	1.146	1.133	0.873	1.295	N/A
		Right Cheek	0.260	0.243	0.216	0.459	0.069	0.503	0.476	0.719	0.572	0.545	0.788	N/A
		Right Tilt	0.707	0.198	0.130	0.328	0.092	0.905	0.837	1.035	0.997	0.929	1.127	N/A
	Body-worn	Front(voice)	0.352	0.054	0.024	0.078	0.313	0.406	0.376	0.430	0.719	0.689	0.743	N/A
		Back(voice)	0.336	0.082	0.038	0.120	0.313	0.418	0.374	0.456	0.731	0.687	0.769	N/A
		Front(data)	0.499	0.054	0.024	0.078	0.313	0.553	0.523	0.577	0.866	0.836	0.890	N/A
		Back(data)	0.444	0.082	0.038	0.120	0.313	0.526	0.482	0.564	0.839	0.795	0.877	N/A
	Hotspot	Front	0.536	0.07	0.040	0.110	N/A	0.606	0.576	0.646	N/A	N/A	N/A	N/A
		Back	0.502	0.137	0.053	0.190	N/A	0.639	0.555	0.692	N/A	N/A	N/A	N/A
		Left	0.241	0	0.000	0.000	N/A	0.241	0.241	0.241	N/A	N/A	N/A	N/A
		Right	0.040	0.044	0.009	0.053	N/A	0.084	0.049	0.093	N/A	N/A	N/A	N/A
		Top	0.278	0.066	0.035	0.101	N/A	0.344	0.313	0.379	N/A	N/A	N/A	N/A
		Bottom	0	0	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
GSM 1900	Head	Left Cheek	0.065	0.719	0.249	0.968	0.196	0.784	0.314	1.033	0.98	0.510	1.229	N/A
		Left Tilt	0.036	0.422	0.162	0.584	0.149	0.458	0.198	0.620	0.607	0.347	0.769	N/A
		Right Cheek	0.088	0.243	0.216	0.459	0.069	0.331	0.304	0.547	0.4	0.373	0.616	N/A
		Right Tilt	0.058	0.198	0.130	0.328	0.092	0.256	0.188	0.386	0.348	0.280	0.478	N/A
	Body-worn	Front(voice)	0.286	0.054	0.024	0.078	0.313	0.34	0.310	0.364	0.653	0.623	0.677	N/A
		Back(voice)	0.272	0.082	0.038	0.120	0.313	0.354	0.310	0.392	0.667	0.623	0.705	N/A
		Front(data)	0.365	0.054	0.024	0.078	0.313	0.419	0.389	0.443	0.732	0.702	0.756	N/A
		Back(data)	0.383	0.082	0.038	0.120	0.313	0.465	0.421	0.503	0.778	0.734	0.816	N/A
	Hotspot	Front	0.279	0.07	0.040	0.110	N/A	0.349	0.319	0.389	N/A	N/A	N/A	N/A
		Back	0.298	0.137	0.053	0.190	N/A	0.435	0.351	0.488	N/A	N/A	N/A	N/A
		Left	0.058	0	0.000	0.000	N/A	0.058	0.058	0.058	N/A	N/A	N/A	N/A
		Right	0.075	0.044	0.009	0.053	N/A	0.119	0.084	0.128	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.791	0	0.000	0.000	N/A	0.791	0.791	0.791	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	1.77	/	/	/	0.376	1.770	1.770	1.770	2.146	2.146	2.146	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.280	0.719	0.249	0.968	0.196	0.999	0.529	1.248	1.195	0.725	1.444	N/A
		Left Tilt	0.394	0.422	0.162	0.584	0.149	0.816	0.556	0.978	0.965	0.705	1.127	N/A
		Right Cheek	0.799	0.243	0.216	0.459	0.069	1.042	1.015	1.258	1.111	1.084	1.327	N/A
		Right Tilt	0.846	0.198	0.130	0.328	0.092	1.044	0.976	1.174	1.136	1.068	1.266	N/A
	Body-worn	Front(voice)	0.147	0.054	0.024	0.078	0.313	0.201	0.171	0.225	0.514	0.484	0.538	N/A
		Back(voice)	0.162	0.082	0.038	0.120	0.313	0.244	0.200	0.282	0.557	0.513	0.595	N/A
		Front(data)	0.182	0.054	0.024	0.078	0.313	0.236	0.206	0.260	0.549	0.519	0.573	N/A
		Back(data)	0.308	0.082	0.038	0.120	0.313	0.390	0.346	0.428	0.703	0.659	0.741	N/A
	Hotspot	Front	0.193	0.07	0.040	0.110	N/A	0.263	0.233	0.303	N/A	N/A	N/A	N/A
		Back	0.165	0.137	0.053	0.190	N/A	0.302	0.218	0.355	N/A	N/A	N/A	N/A
		Left	0.156	0	0.000	0.000	N/A	0.156	0.156	0.156	N/A	N/A	N/A	N/A
		Right	0.037	0.044	0.009	0.053	N/A	0.081	0.046	0.090	N/A	N/A	N/A	N/A
		Top	0.319	0.066	0.035	0.101	N/A	0.385	0.354	0.420	N/A	N/A	N/A	N/A
		Bottom	0.000	0	0.000	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front		0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back		0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left		/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right		0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top		0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom		/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
WCDMA B2	Head	Left Cheek	0.082	0.719	0.249	0.968	0.196	0.801	0.331	1.05	0.997	0.527	1.246	N/A
		Left Tilt	0.044	0.422	0.162	0.584	0.149	0.466	0.206	0.628	0.615	0.355	0.777	N/A
		Right Cheek	0.148	0.243	0.216	0.459	0.069	0.391	0.364	0.607	0.46	0.433	0.676	N/A
		Right Tilt	0.059	0.198	0.13	0.328	0.092	0.257	0.189	0.387	0.349	0.281	0.479	N/A
	Body-worn	Front	0.425	0.054	0.024	0.078	0.313	0.479	0.449	0.503	0.792	0.762	0.816	N/A
		Back	0.403	0.082	0.038	0.12	0.313	0.485	0.441	0.523	0.798	0.754	0.836	N/A
	Hotspot	Front	0.316	0.07	0.04	0.11	N/A	0.386	0.356	0.426	N/A	N/A	N/A	N/A
		Back	0.305	0.137	0.053	0.19	N/A	0.442	0.358	0.495	N/A	N/A	N/A	N/A
		Left	0.065	0	0	0	N/A	0.065	0.065	0.065	N/A	N/A	N/A	N/A
		Right	0.061	0.044	0.009	0.053	N/A	0.105	0.07	0.114	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.805	0	0	0	N/A	0.805	0.805	0.805	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	1.753	/	/	/	0.376	1.753	1.753	1.753	2.129	2.129	2.129	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.208	0.719	0.249	0.968	0.196	0.927	0.457	1.176	1.123	0.653	1.372	N/A
		Left Tilt	0.491	0.422	0.162	0.584	0.149	0.913	0.653	1.075	1.062	0.802	1.224	N/A
		Right Cheek	0.821	0.243	0.216	0.459	0.069	1.064	1.037	1.280	1.133	1.106	1.349	N/A
		Right Tilt	0.892	0.198	0.13	0.328	0.092	1.090	1.022	1.220	1.182	1.114	1.312	N/A
	Body-worn	Front	0.187	0.054	0.024	0.078	0.313	0.241	0.211	0.265	0.554	0.524	0.578	N/A
		Back	0.214	0.082	0.038	0.120	0.313	0.296	0.252	0.334	0.609	0.565	0.647	N/A
	Hotspot	Front	0.298	0.070	0.04	0.110	N/A	0.368	0.338	0.408	N/A	N/A	N/A	N/A
		Back	0.218	0.137	0.053	0.190	N/A	0.355	0.271	0.408	N/A	N/A	N/A	N/A
		Left	0.199	0.000	0	0.000	N/A	0.199	0.199	0.199	N/A	N/A	N/A	N/A
		Right	0.055	0.044	0.009	0.053	N/A	0.099	0.064	0.108	N/A	N/A	N/A	N/A
		Top	0.423	0.066	0.035	0.101	N/A	0.489	0.458	0.524	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
WCDMA B4	Head	Left Cheek	0.152	0.719	0.249	0.968	0.196	0.871	0.401	1.120	1.067	0.597	1.316	N/A
		Left Tilt	0.073	0.422	0.162	0.584	0.149	0.495	0.235	0.657	0.644	0.384	0.806	N/A
		Right Cheek	0.11	0.243	0.216	0.459	0.069	0.353	0.326	0.569	0.422	0.395	0.638	N/A
		Right Tilt	0.069	0.198	0.13	0.328	0.092	0.267	0.199	0.397	0.359	0.291	0.489	N/A
	Body-worn	Front	0.541	0.054	0.024	0.078	0.313	0.595	0.565	0.619	0.908	0.878	0.932	N/A
		Back	0.486	0.082	0.038	0.120	0.313	0.568	0.524	0.606	0.881	0.837	0.919	N/A
	Hotspot	Front	0.343	0.070	0.04	0.110	N/A	0.413	0.383	0.453	N/A	N/A	N/A	N/A
		Back	0.381	0.137	0.053	0.190	N/A	0.518	0.434	0.571	N/A	N/A	N/A	N/A
		Left	0.105	0.000	0	0.000	N/A	0.105	0.105	0.105	N/A	N/A	N/A	N/A
		Right	0.053	0.044	0.009	0.053	N/A	0.097	0.062	0.106	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.744	0.000	0	0.000	N/A	0.744	0.744	0.744	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	2.148	/	/	/	0.376	2.148	2.148	2.148	2.524	2.524	2.524	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.348	0.719	0.249	0.968	0.196	1.067	0.597	1.316	1.263	0.793	1.512	N/A
		Left Tilt	0.362	0.422	0.162	0.584	0.149	0.784	0.524	0.946	0.933	0.673	1.095	N/A
		Right Cheek	0.429	0.243	0.216	0.459	0.069	0.672	0.645	0.888	0.741	0.714	0.957	N/A
		Right Tilt	0.391	0.198	0.13	0.328	0.092	0.589	0.521	0.719	0.681	0.613	0.811	N/A
	Body-worn	Front	0.303	0.054	0.024	0.078	0.313	0.357	0.327	0.381	0.670	0.640	0.694	N/A
		Back	0.338	0.082	0.038	0.120	0.313	0.420	0.376	0.458	0.733	0.689	0.771	N/A
	Hotspot	Front	0.316	0.070	0.04	0.110	N/A	0.386	0.356	0.426	N/A	N/A	N/A	N/A
		Back	0.368	0.137	0.053	0.190	N/A	0.505	0.421	0.558	N/A	N/A	N/A	N/A
		Left	0.221	0.000	0	0.000	N/A	0.221	0.221	0.221	N/A	N/A	N/A	N/A
		Right	0.030	0.044	0.009	0.053	N/A	0.074	0.039	0.083	N/A	N/A	N/A	N/A
		Top	0.476	0.066	0.035	0.101	N/A	0.542	0.511	0.577	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
WCDMA B5	Head	Left Cheek	0.179	0.719	0.249	0.968	0.196	0.898	0.428	1.147	1.094	0.624	1.343	N/A
		Left Tilt	0.103	0.422	0.162	0.584	0.149	0.525	0.265	0.687	0.674	0.414	0.836	N/A
		Right Cheek	0.247	0.243	0.216	0.459	0.069	0.490	0.463	0.706	0.559	0.532	0.775	N/A
		Right Tilt	0.105	0.198	0.13	0.328	0.092	0.303	0.235	0.433	0.395	0.327	0.525	N/A
	Body-worn	Front	0.279	0.054	0.024	0.078	0.313	0.333	0.303	0.357	0.646	0.616	0.670	N/A
		Back	0.299	0.082	0.038	0.120	0.313	0.381	0.337	0.419	0.694	0.650	0.732	N/A
	Hotspot	Front	0.477	0.070	0.04	0.110	N/A	0.547	0.517	0.587	N/A	N/A	N/A	N/A
		Back	0.506	0.137	0.053	0.190	N/A	0.643	0.559	0.696	N/A	N/A	N/A	N/A
		Left	0.196	0.000	0	0.000	N/A	0.196	0.196	0.196	N/A	N/A	N/A	N/A
		Right	0.283	0.044	0.009	0.053	N/A	0.327	0.292	0.336	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.369	0.000	0	0.000	N/A	0.369	0.369	0.369	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
WCDMA B5	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.308	0.719	0.249	0.968	0.196	1.027	0.557	1.276	1.223	0.753	1.472	N/A
		Left Tilt	0.427	0.422	0.162	0.584	0.149	0.849	0.589	1.011	0.998	0.738	1.160	N/A
		Right Cheek	0.541	0.243	0.216	0.459	0.069	0.784	0.757	1.000	0.853	0.826	1.069	N/A
		Right Tilt	0.467	0.198	0.13	0.328	0.092	0.665	0.597	0.795	0.757	0.689	0.887	N/A
	Body-worn	Front	0.504	0.054	0.024	0.078	0.313	0.558	0.528	0.582	0.871	0.841	0.895	N/A
		Back	0.451	0.082	0.038	0.120	0.313	0.533	0.489	0.571	0.846	0.802	0.884	N/A
	Hotspot	Front	0.459	0.070	0.04	0.110	N/A	0.529	0.499	0.569	N/A	N/A	N/A	N/A
		Back	0.419	0.137	0.053	0.190	N/A	0.556	0.472	0.609	N/A	N/A	N/A	N/A
		Left	0.245	0.000	0	0.000	N/A	0.245	0.245	0.245	N/A	N/A	N/A	N/A
		Right	0.032	0.044	0.009	0.053	N/A	0.076	0.041	0.085	N/A	N/A	N/A	N/A
		Top	0.244	0.066	0.035	0.101	N/A	0.310	0.279	0.345	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B2	Head	Left Cheek	0.146	0.719	0.249	0.968	0.196	0.865	0.395	1.114	1.061	0.591	1.310	N/A
		Left Tilt	0.071	0.422	0.162	0.584	0.149	0.493	0.233	0.655	0.642	0.382	0.804	N/A
		Right Cheek	0.189	0.243	0.216	0.459	0.069	0.432	0.405	0.648	0.501	0.474	0.717	N/A
		Right Tilt	0.098	0.198	0.13	0.328	0.092	0.296	0.228	0.426	0.388	0.32	0.518	N/A
	Body-worn	Front	0.618	0.054	0.024	0.078	0.313	0.672	0.642	0.696	0.985	0.955	1.009	N/A
		Back	0.54	0.082	0.038	0.120	0.313	0.622	0.578	0.660	0.935	0.891	0.973	N/A
	Hotspot	Front	0.278	0.070	0.04	0.110	N/A	0.348	0.318	0.388	N/A	N/A	N/A	N/A
		Back	0.302	0.137	0.053	0.190	N/A	0.439	0.355	0.492	N/A	N/A	N/A	N/A
		Left	0.055	0.000	0	0.000	N/A	0.055	0.055	0.055	N/A	N/A	N/A	N/A
		Right	0.066	0.044	0.009	0.053	N/A	0.110	0.075	0.119	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.73	0.000	0	0.000	N/A	0.730	0.73	0.730	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	1.7	/	/	/	0.376	1.700	1.700	1.700	2.076	2.076	2.076	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.292	0.719	0.249	0.968	0.196	1.011	0.541	1.260	1.207	0.737	1.456	N/A
		Left Tilt	0.378	0.422	0.162	0.584	0.149	0.800	0.540	0.962	0.949	0.689	1.111	N/A
		Right Cheek	0.743	0.243	0.216	0.459	0.069	0.986	0.959	1.202	1.055	1.028	1.271	N/A
		Right Tilt	0.658	0.198	0.13	0.328	0.092	0.856	0.788	0.986	0.948	0.880	1.078	N/A
	Body-worn	Front	0.151	0.054	0.024	0.078	0.313	0.205	0.175	0.229	0.518	0.488	0.542	N/A
		Back	0.204	0.082	0.038	0.120	0.313	0.286	0.242	0.324	0.599	0.555	0.637	N/A
	Hotspot	Front	0.293	0.070	0.04	0.110	N/A	0.363	0.333	0.403	N/A	N/A	N/A	N/A
		Back	0.255	0.137	0.053	0.190	N/A	0.392	0.308	0.445	N/A	N/A	N/A	N/A
		Left	0.165	0.000	0	0.000	N/A	0.165	0.165	0.165	N/A	N/A	N/A	N/A
		Right	0.231	0.044	0.009	0.053	N/A	0.275	0.240	0.284	N/A	N/A	N/A	N/A
		Top	0.442	0.066	0.035	0.101	N/A	0.508	0.477	0.543	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B4	Head	Left Cheek	0.13	0.719	0.249	0.968	0.196	0.849	0.379	1.098	1.045	0.575	1.294	N/A
		Left Tilt	0.046	0.422	0.162	0.584	0.149	0.468	0.208	0.630	0.617	0.357	0.779	N/A
		Right Cheek	0.104	0.243	0.216	0.459	0.069	0.347	0.32	0.563	0.416	0.389	0.632	N/A
		Right Tilt	0.066	0.198	0.13	0.328	0.092	0.264	0.196	0.394	0.356	0.288	0.486	N/A
	Body-worn	Front	0.381	0.054	0.024	0.078	0.313	0.435	0.405	0.459	0.748	0.718	0.772	N/A
		Back	0.372	0.082	0.038	0.120	0.313	0.454	0.41	0.492	0.767	0.723	0.805	N/A
	Hotspot	Front	0.416	0.070	0.04	0.110	N/A	0.486	0.456	0.526	N/A	N/A	N/A	N/A
		Back	0.412	0.137	0.053	0.190	N/A	0.549	0.465	0.602	N/A	N/A	N/A	N/A
		Left	0.096	0.000	0	0.000	N/A	0.096	0.096	0.096	N/A	N/A	N/A	N/A
		Right	0.056	0.044	0.009	0.053	N/A	0.100	0.065	0.109	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.865	0.000	0	0.000	N/A	0.865	0.865	0.865	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	1.983	/	/	/	0.376	1.983	1.983	1.983	2.359	2.359	2.359	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.327	0.719	0.249	0.968	0.196	1.046	0.576	1.295	1.242	0.772	1.491	N/A
		Left Tilt	0.322	0.422	0.162	0.584	0.149	0.744	0.484	0.906	0.893	0.633	1.055	N/A
		Right Cheek	0.417	0.243	0.216	0.459	0.069	0.660	0.633	0.876	0.729	0.702	0.945	N/A
		Right Tilt	0.469	0.198	0.13	0.328	0.092	0.667	0.599	0.797	0.759	0.691	0.889	N/A
	Body-worn	Front	0.342	0.054	0.024	0.078	0.313	0.396	0.366	0.420	0.709	0.679	0.733	N/A
		Back	0.390	0.082	0.038	0.120	0.313	0.472	0.428	0.510	0.785	0.741	0.823	N/A
	Hotspot	Front	0.453	0.070	0.04	0.110	N/A	0.523	0.493	0.563	N/A	N/A	N/A	N/A
		Back	0.504	0.137	0.053	0.190	N/A	0.641	0.557	0.694	N/A	N/A	N/A	N/A
		Left	0.324	0.000	0	0.000	N/A	0.324	0.324	0.324	N/A	N/A	N/A	N/A
		Right	0.098	0.044	0.009	0.053	N/A	0.142	0.107	0.151	N/A	N/A	N/A	N/A
		Top	0.521	0.066	0.035	0.101	N/A	0.587	0.556	0.622	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B5	Head	Left Cheek	0.093	0.719	0.249	0.968	0.196	0.812	0.342	1.061	1.008	0.538	1.257	N/A
		Left Tilt	0.047	0.422	0.162	0.584	0.149	0.469	0.209	0.631	0.618	0.358	0.780	N/A
		Right Cheek	0.126	0.243	0.216	0.459	0.069	0.369	0.342	0.585	0.438	0.411	0.654	N/A
		Right Tilt	0.054	0.198	0.13	0.328	0.092	0.252	0.184	0.382	0.344	0.276	0.474	N/A
	Body-worn	Front	0.147	0.054	0.024	0.078	0.313	0.201	0.171	0.225	0.514	0.484	0.538	N/A
		Back	0.15	0.082	0.038	0.120	0.313	0.232	0.188	0.270	0.545	0.501	0.583	N/A
	Hotspot	Front	0.223	0.070	0.04	0.110	N/A	0.293	0.263	0.333	N/A	N/A	N/A	N/A
		Back	0.26	0.137	0.053	0.190	N/A	0.397	0.313	0.450	N/A	N/A	N/A	N/A
		Left	0.062	0.000	0	0.000	N/A	0.062	0.062	0.062	N/A	N/A	N/A	N/A
		Right	0.156	0.044	0.009	0.053	N/A	0.200	0.165	0.209	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.195	0.000	0	0.000	N/A	0.195	0.195	0.195	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.390	0.719	0.249	0.968	0.196	1.109	0.639	1.358	1.305	0.835	1.554	N/A
		Left Tilt	0.294	0.422	0.162	0.584	0.149	0.716	0.456	0.878	0.865	0.605	1.027	N/A
		Right Cheek	0.419	0.243	0.216	0.459	0.069	0.662	0.635	0.878	0.731	0.704	0.947	N/A
		Right Tilt	0.429	0.198	0.13	0.328	0.092	0.627	0.559	0.757	0.719	0.651	0.849	N/A
	Body-worn	Front	0.489	0.054	0.024	0.078	0.313	0.543	0.513	0.567	0.856	0.826	0.880	N/A
		Back	0.455	0.082	0.038	0.120	0.313	0.537	0.493	0.575	0.850	0.806	0.888	N/A
	Hotspot	Front	0.413	0.070	0.04	0.110	N/A	0.483	0.453	0.523	N/A	N/A	N/A	N/A
		Back	0.385	0.137	0.053	0.190	N/A	0.522	0.438	0.575	N/A	N/A	N/A	N/A
		Left	0.218	0.000	0	0.000	N/A	0.218	0.218	0.218	N/A	N/A	N/A	N/A
		Right	0.038	0.044	0.009	0.053	N/A	0.082	0.047	0.091	N/A	N/A	N/A	N/A
		Top	0.310	0.066	0.035	0.101	N/A	0.376	0.345	0.411	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B7	Head	Left Cheek	0.039	0.719	0.249	0.968	0.196	0.758	0.288	1.007	0.954	0.484	1.203	N/A
		Left Tilt	0.031	0.422	0.162	0.584	0.149	0.453	0.193	0.615	0.602	0.342	0.764	N/A
		Right Cheek	0.165	0.243	0.216	0.459	0.069	0.408	0.381	0.624	0.477	0.45	0.693	N/A
		Right Tilt	0.042	0.198	0.13	0.328	0.092	0.240	0.172	0.370	0.332	0.264	0.462	N/A
	Body-worn	Front	0.466	0.054	0.024	0.078	0.313	0.520	0.49	0.544	0.833	0.803	0.857	N/A
		Back	0.437	0.082	0.038	0.120	0.313	0.519	0.475	0.557	0.832	0.788	0.870	N/A
	Hotspot	Front	0.215	0.070	0.04	0.110	N/A	0.285	0.255	0.325	N/A	N/A	N/A	N/A
		Back	0.199	0.137	0.053	0.190	N/A	0.336	0.252	0.389	N/A	N/A	N/A	N/A
		Left	0.122	0.000	0	0.000	N/A	0.122	0.122	0.122	N/A	N/A	N/A	N/A
		Right	0.032	0.044	0.009	0.053	N/A	0.076	0.041	0.085	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.602	0.000	0	0.000	N/A	0.602	0.602	0.602	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	1.952	/	/	/	0.376	1.952	1.952	1.952	2.328	2.328	2.328	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.193	0.719	0.249	0.968	0.196	0.912	0.442	1.161	1.108	0.638	1.357	N/A
		Left Tilt	0.175	0.422	0.162	0.584	0.149	0.597	0.337	0.759	0.746	0.486	0.908	N/A
		Right Cheek	0.521	0.243	0.216	0.459	0.069	0.764	0.737	0.980	0.833	0.806	1.049	N/A
		Right Tilt	0.391	0.198	0.13	0.328	0.092	0.589	0.521	0.719	0.681	0.613	0.811	N/A
	Body-worn	Front	0.046	0.054	0.024	0.078	0.313	0.100	0.070	0.124	0.413	0.383	0.437	N/A
		Back	0.101	0.082	0.038	0.120	0.313	0.183	0.139	0.221	0.496	0.452	0.534	N/A
	Hotspot	Front	0.059	0.070	0.04	0.110	N/A	0.129	0.099	0.169	N/A	N/A	N/A	N/A
		Back	0.112	0.137	0.053	0.190	N/A	0.249	0.165	0.302	N/A	N/A	N/A	N/A
		Left	0.072	0.000	0	0.000	N/A	0.072	0.072	0.072	N/A	N/A	N/A	N/A
		Right	0.032	0.044	0.009	0.053	N/A	0.076	0.041	0.085	N/A	N/A	N/A	N/A
		Top	0.122	0.066	0.035	0.101	N/A	0.188	0.157	0.223	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B12	Head	Left Cheek	0.074	0.719	0.249	0.968	0.196	0.793	0.323	1.042	0.989	0.519	1.238	N/A
		Left Tilt	0.063	0.422	0.162	0.584	0.149	0.485	0.225	0.647	0.634	0.374	0.796	N/A
		Right Cheek	0.102	0.243	0.216	0.459	0.069	0.345	0.318	0.561	0.414	0.387	0.630	N/A
		Right Tilt	0.045	0.198	0.13	0.328	0.092	0.243	0.175	0.373	0.335	0.267	0.465	N/A
	Body-worn	Front	0.156	0.054	0.024	0.078	0.313	0.210	0.18	0.234	0.523	0.493	0.547	N/A
		Back	0.184	0.082	0.038	0.120	0.313	0.266	0.222	0.304	0.579	0.535	0.617	N/A
	Hotspot	Front	0.23	0.070	0.04	0.110	N/A	0.300	0.27	0.340	N/A	N/A	N/A	N/A
		Back	0.273	0.137	0.053	0.190	N/A	0.410	0.326	0.463	N/A	N/A	N/A	N/A
		Left	0.098	0.000	0	0.000	N/A	0.098	0.098	0.098	N/A	N/A	N/A	N/A
		Right	0.214	0.044	0.009	0.053	N/A	0.258	0.223	0.267	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.166	0.000	0	0.000	N/A	0.166	0.166	0.166	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.306	0.719	0.249	0.968	0.196	1.025	0.555	1.274	1.221	0.751	1.470	N/A
		Left Tilt	0.514	0.422	0.162	0.584	0.149	0.936	0.676	1.098	1.085	0.825	1.247	N/A
		Right Cheek	0.662	0.243	0.216	0.459	0.069	0.905	0.878	1.121	0.974	0.947	1.190	N/A
		Right Tilt	0.642	0.198	0.13	0.328	0.092	0.840	0.772	0.970	0.932	0.864	1.062	N/A
	Body-worn	Front	0.161	0.054	0.024	0.078	0.313	0.215	0.185	0.239	0.528	0.498	0.552	N/A
		Back	0.139	0.082	0.038	0.120	0.313	0.221	0.177	0.259	0.534	0.490	0.572	N/A
	Hotspot	Front	0.203	0.070	0.04	0.110	N/A	0.273	0.243	0.313	N/A	N/A	N/A	N/A
		Back	0.186	0.137	0.053	0.190	N/A	0.323	0.239	0.376	N/A	N/A	N/A	N/A
		Left	0.107	0.000	0	0.000	N/A	0.107	0.107	0.107	N/A	N/A	N/A	N/A
		Right	0.025	0.044	0.009	0.053	N/A	0.069	0.034	0.078	N/A	N/A	N/A	N/A
		Top	0.126	0.066	0.035	0.101	N/A	0.192	0.161	0.227	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B17	Head	Left Cheek	0.095	0.719	0.249	0.968	0.196	0.814	0.344	1.063	1.010	0.54	1.259	N/A
		Left Tilt	0.088	0.422	0.162	0.584	0.149	0.510	0.25	0.672	0.659	0.399	0.821	N/A
		Right Cheek	0.125	0.243	0.216	0.459	0.069	0.368	0.341	0.584	0.437	0.41	0.653	N/A
		Right Tilt	0.062	0.198	0.13	0.328	0.092	0.260	0.192	0.390	0.352	0.284	0.482	N/A
	Body-worn	Front	0.203	0.054	0.024	0.078	0.313	0.257	0.227	0.281	0.570	0.540	0.594	N/A
		Back	0.226	0.082	0.038	0.120	0.313	0.308	0.264	0.346	0.621	0.577	0.659	N/A
	Hotspot	Front	0.276	0.070	0.04	0.110	N/A	0.346	0.316	0.386	N/A	N/A	N/A	N/A
		Back	0.354	0.137	0.053	0.190	N/A	0.491	0.407	0.544	N/A	N/A	N/A	N/A
		Left	0.103	0.000	0	0.000	N/A	0.103	0.103	0.103	N/A	N/A	N/A	N/A
		Right	0.233	0.044	0.009	0.053	N/A	0.277	0.242	0.286	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.213	0.000	0	0.000	N/A	0.213	0.213	0.213	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.337	0.719	0.249	0.968	0.196	1.056	0.586	1.305	1.252	0.782	1.501	N/A
		Left Tilt	0.456	0.422	0.162	0.584	0.149	0.878	0.618	1.040	1.027	0.767	1.189	N/A
		Right Cheek	0.512	0.243	0.216	0.459	0.069	0.755	0.728	0.971	0.824	0.797	1.040	N/A
		Right Tilt	0.446	0.198	0.13	0.328	0.092	0.644	0.576	0.774	0.736	0.668	0.866	N/A
	Body-worn	Front	0.168	0.054	0.024	0.078	0.313	0.222	0.192	0.246	0.535	0.505	0.559	N/A
		Back	0.166	0.082	0.038	0.120	0.313	0.248	0.204	0.286	0.561	0.517	0.599	N/A
	Hotspot	Front	0.147	0.070	0.04	0.110	N/A	0.217	0.187	0.257	N/A	N/A	N/A	N/A
		Back	0.118	0.137	0.053	0.190	N/A	0.255	0.171	0.308	N/A	N/A	N/A	N/A
		Left	0.081	0.000	0	0.000	N/A	0.081	0.081	0.081	N/A	N/A	N/A	N/A
		Right	0.021	0.044	0.009	0.053	N/A	0.065	0.030	0.074	N/A	N/A	N/A	N/A
		Top	0.092	0.066	0.035	0.101	N/A	0.158	0.127	0.193	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B26	Head	Left Cheek	0.11	0.719	0.249	0.968	0.196	0.829	0.359	1.078	1.025	0.555	1.274	N/A
		Left Tilt	0.055	0.422	0.162	0.584	0.149	0.477	0.217	0.639	0.626	0.366	0.788	N/A
		Right Cheek	0.147	0.243	0.216	0.459	0.069	0.390	0.363	0.606	0.459	0.432	0.675	N/A
		Right Tilt	0.063	0.198	0.13	0.328	0.092	0.261	0.193	0.391	0.353	0.285	0.483	N/A
	Body-worn	Front	0.167	0.054	0.024	0.078	0.313	0.221	0.191	0.245	0.534	0.504381	0.558	N/A
		Back	0.173	0.082	0.038	0.120	0.313	0.255	0.211	0.293	0.568	0.524381	0.606	N/A
	Hotspot	Front	0.255	0.070	0.04	0.110	N/A	0.325	0.295	0.365	N/A	N/A	N/A	N/A
		Back	0.28	0.137	0.053	0.190	N/A	0.417	0.333	0.470	N/A	N/A	N/A	N/A
		Left	0.068	0.000	0	0.000	N/A	0.068	0.068	0.068	N/A	N/A	N/A	N/A
		Right	0.172	0.044	0.009	0.053	N/A	0.216	0.181	0.225	N/A	N/A	N/A	N/A
		Top	0	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.212	0.000	0	0.000	N/A	0.212	0.212	0.212	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.212	0.719	0.249	0.968	0.196	0.931	0.461	1.180	1.127	0.657	1.376	N/A
		Left Tilt	0.397	0.422	0.162	0.584	0.149	0.819	0.559	0.981	0.968	0.708	1.130	N/A
		Right Cheek	0.703	0.243	0.216	0.459	0.069	0.946	0.919	1.162	1.015	0.988	1.231	N/A
		Right Tilt	0.498	0.198	0.13	0.328	0.092	0.696	0.628	0.826	0.788	0.720	0.918	N/A
	Body-worn	Front	0.506	0.054	0.024	0.078	0.313	0.560	0.530	0.584	0.873	0.843	0.897	N/A
		Back	0.443	0.082	0.038	0.120	0.313	0.525	0.481	0.563	0.838	0.794	0.876	N/A
	Hotspot	Front	0.419	0.070	0.04	0.110	N/A	0.489	0.459	0.529	N/A	N/A	N/A	N/A
		Back	0.363	0.137	0.053	0.190	N/A	0.500	0.416	0.553	N/A	N/A	N/A	N/A
		Left	0.242	0.000	0	0.000	N/A	0.242	0.242	0.242	N/A	N/A	N/A	N/A
		Right	0.039	0.044	0.009	0.053	N/A	0.083	0.048	0.092	N/A	N/A	N/A	N/A
		Top	0.273	0.066	0.035	0.101	N/A	0.339	0.308	0.374	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B38	Head	Left Cheek	0.025	0.719	0.249	0.968	0.196	0.744	0.274	0.993	0.940	0.47	1.189	N/A
		Left Tilt	0.031	0.422	0.162	0.584	0.149	0.453	0.193	0.615	0.602	0.342	0.764	N/A
		Right Cheek	0.114	0.243	0.216	0.459	0.069	0.357	0.33	0.573	0.426	0.399	0.642	N/A
		Right Tilt	0.034	0.198	0.13	0.328	0.092	0.232	0.164	0.362	0.324	0.256	0.454	N/A
	Body-worn	Front	0.238	0.054	0.024	0.078	0.313	0.292	0.262	0.316	0.605	0.575	0.629	N/A
		Back	0.264	0.082	0.038	0.120	0.313	0.346	0.302	0.384	0.659	0.615	0.697	N/A
	Hotspot	Front	0.241	0.070	0.04	0.110	N/A	0.311	0.281	0.351	N/A	N/A	N/A	N/A
		Back	0.24	0.137	0.053	0.190	N/A	0.377	0.293	0.430	N/A	N/A	N/A	N/A
		Left	0.184	0.000	0	0.000	N/A	0.184	0.184	0.184	N/A	N/A	N/A	N/A
		Right	0.061	0.044	0.009	0.053	N/A	0.105	0.07	0.114	N/A	N/A	N/A	N/A
		Top	0.000	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.762	0.000	0	0.000	N/A	0.762	0.762	0.762	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.264	0.719	0.249	0.968	0.196	0.983	0.513	1.232	1.179	0.709	1.428	N/A
		Left Tilt	0.288	0.422	0.162	0.584	0.149	0.710	0.450	0.872	0.859	0.599	1.021	N/A
		Right Cheek	0.946	0.243	0.216	0.459	0.069	1.189	1.162	1.405	1.258	1.231	1.474	N/A
		Right Tilt	0.521	0.198	0.13	0.328	0.092	0.719	0.651	0.849	0.811	0.743	0.941	N/A
	Body-worn	Front	0.219	0.054	0.024	0.078	0.313	0.273	0.243	0.297	0.586	0.556	0.610	N/A
		Back	0.252	0.082	0.038	0.120	0.313	0.334	0.290	0.372	0.647	0.603	0.685	N/A
	Hotspot	Front	0.316	0.070	0.04	0.110	N/A	0.386	0.356	0.426	N/A	N/A	N/A	N/A
		Back	0.262	0.137	0.053	0.190	N/A	0.399	0.315	0.452	N/A	N/A	N/A	N/A
		Left	0.158	0.000	0	0.000	N/A	0.158	0.158	0.158	N/A	N/A	N/A	N/A
		Right	0.033	0.044	0.009	0.053	N/A	0.077	0.042	0.086	N/A	N/A	N/A	N/A
		Top	0.232	0.066	0.035	0.101	N/A	0.298	0.267	0.333	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
LTE B41	Head	Left Cheek	0.022	0.719	0.249	0.968	0.196	0.741	0.271	0.990	0.937	0.467	1.186	N/A
		Left Tilt	0.011	0.422	0.162	0.584	0.149	0.433	0.173	0.595	0.582	0.322	0.744	N/A
		Right Cheek	0.083	0.243	0.216	0.459	0.069	0.326	0.299	0.542	0.395	0.368	0.611	N/A
		Right Tilt	0.023	0.198	0.13	0.328	0.092	0.221	0.153	0.351	0.313	0.245	0.443	N/A
	Body-worn	Front	0.273	0.054	0.024	0.078	0.313	0.327	0.297	0.351	0.640	0.610	0.664	N/A
		Back	0.251	0.082	0.038	0.120	0.313	0.333	0.289	0.371	0.646	0.602	0.684	N/A
	Hotspot	Front	0.337	0.070	0.04	0.110	N/A	0.407	0.377	0.447	N/A	N/A	N/A	N/A
		Back	0.276	0.137	0.053	0.190	N/A	0.413	0.329	0.466	N/A	N/A	N/A	N/A
		Left	0.16	0.000	0	0.000	N/A	0.160	0.16	0.160	N/A	N/A	N/A	N/A
		Right	0.058	0.044	0.009	0.053	N/A	0.102	0.067	0.111	N/A	N/A	N/A	N/A
		Top	0.000	0.066	0.035	0.101	N/A	0.066	0.035	0.101	N/A	N/A	N/A	N/A
		Bottom	0.931	0.000	0	0.000	N/A	0.931	0.931	0.931	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 5G WIFI1 SAR	③ 5G WIFI2 SAR	④ 5G MIMO SAR	⑤ BT SAR	∑1-g SAR ①+②	∑1-g SAR ①+③	∑1-g SAR ①+④	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+⑤	∑1-g SAR ①+④+⑤	Case NO.
	Head	Left Cheek	0.247	0.719	0.249	0.968	0.196	0.966	0.496	1.215	1.162	0.692	1.411	N/A
		Left Tilt	0.272	0.422	0.162	0.584	0.149	0.694	0.434	0.856	0.843	0.583	1.005	N/A
		Right Cheek	1.050	0.243	0.216	0.459	0.069	1.293	1.266	1.509	1.362	1.335	1.578	N/A
		Right Tilt	0.718	0.198	0.13	0.328	0.092	0.916	0.848	1.046	1.008	0.940	1.138	N/A
	Body-worn	Front	0.171	0.054	0.024	0.078	0.313	0.225	0.195	0.249	0.538	0.508	0.562	N/A
		Back	0.235	0.082	0.038	0.120	0.313	0.317	0.273	0.355	0.630	0.586	0.668	N/A
	Hotspot	Front	0.308	0.070	0.04	0.110	N/A	0.378	0.348	0.418	N/A	N/A	N/A	N/A
		Back	0.269	0.137	0.053	0.190	N/A	0.406	0.322	0.459	N/A	N/A	N/A	N/A
		Left	0.157	0.000	0	0.000	N/A	0.157	0.157	0.157	N/A	N/A	N/A	N/A
		Right	0.027	0.044	0.009	0.053	N/A	0.071	0.036	0.080	N/A	N/A	N/A	N/A
		Top	0.258	0.066	0.035	0.101	N/A	0.324	0.293	0.359	N/A	N/A	N/A	N/A
		Bottom	0.000	0.000	0	0.000	N/A	0.000	0.000	0.000	N/A	N/A	N/A	N/A
	Limbs	Front	/	0.386	0.114	0.500	0.376	0.386	0.114	0.500	0.762	0.762	0.876	N/A
		Back	/	0.303	0.142	0.445	0.376	0.303	0.142	0.445	0.679	0.679	0.821	N/A
		Left	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A
		Right	/	0.062	0.006	0.068	0.376	0.062	0.006	0.068	0.438	0.438	0.444	N/A
		Top	/	0.210	0.068	0.278	0.376	0.210	0.068	0.278	0.586	0.586	0.654	N/A
		Bottom	/	/	/	/	0.376	0.000	0.000	0.000	0.376	0.376	0.376	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
GSM 850	Head	Left Cheek	0.177	0.264	0.310	0.719	0.249	0.690	1.206	N/A
		Left Tilt	0.09	0.229	0.154	0.422	0.162	0.481	0.666	N/A
		Right Cheek	0.241	0.127	0.128	0.243	0.216	0.584	0.612	N/A
		Right Tilt	0.094	0.180	0.111	0.198	0.13	0.404	0.403	N/A
	Body-worn	Front(voice)	0.268	0.037	0.013	0.054	0.024	0.329	0.335	N/A
		Back(voice)	0.292	0.054	0.030	0.082	0.038	0.384	0.404	N/A
		Front(data)	0.351	0.037	0.013	0.054	0.024	0.412	0.418	N/A
		Back(data)	0.38	0.054	0.030	0.082	0.038	0.472	0.492	N/A
	Hotspot	Front	0.526	0.104	0.025	0.07	0.04	0.670	N/A	N/A
		Back	0.586	0.095	0.123	0.137	0.053	0.734	N/A	N/A
		Left	0.236	0.000	0.000	0	0	0.236	N/A	N/A
		Right	0.313	0.116	0.000	0.044	0.009	0.438	N/A	N/A
		Top	0	0.315	0.000	0.066	0.035	0.350	N/A	N/A
		Bottom	0.416	0.000	0.000	0	0	0.416	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
GSM 850	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.324	0.264	0.310	0.719	0.249	0.837	N/A	N/A
		Left Tilt	0.562	0.229	0.154	0.422	0.162	0.953	N/A	N/A
		Right Cheek	0.260	0.127	0.128	0.243	0.216	0.603	N/A	N/A
		Right Tilt	0.707	0.180	0.111	0.198	0.13	1.017	N/A	N/A
	Body-worn	Front(voice)	0.352	0.037	0.013	0.054	0.024	0.413	N/A	N/A
		Back(voice)	0.336	0.054	0.030	0.082	0.038	0.428	N/A	N/A
		Front(data)	0.499	0.037	0.013	0.054	0.024	0.560	N/A	N/A
		Back(data)	0.444	0.054	0.030	0.082	0.038	0.536	N/A	N/A
	Hotspot	Front	0.536	0.104	0.025	0.07	0.04	0.680	N/A	N/A
		Back	0.502	0.095	0.123	0.137	0.053	0.650	N/A	N/A
		Left	0.241	0.000	0.000	0	0	0.241	N/A	N/A
		Right	0.040	0.116	0.000	0.044	0.009	0.165	N/A	N/A
		Top	0.278	0.315	0.000	0.066	0.035	0.628	N/A	N/A
		Bottom	0	0.000	0.000	0	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
GSM 1900	Head	Left Cheek	0.065	0.264	0.310	0.719	0.249	0.578	1.094	N/A
		Left Tilt	0.036	0.229	0.154	0.422	0.162	0.427	0.612	N/A
		Right Cheek	0.088	0.127	0.128	0.243	0.216	0.431	0.459	N/A
		Right Tilt	0.058	0.180	0.111	0.198	0.13	0.368	0.367	N/A
	Body-worn	Front(voice)	0.286	0.037	0.013	0.054	0.024	0.347	0.353	N/A
		Back(voice)	0.272	0.054	0.030	0.082	0.038	0.364	0.384	N/A
		Front(data)	0.365	0.037	0.013	0.054	0.024	0.426	0.432	N/A
		Back(data)	0.383	0.054	0.030	0.082	0.038	0.475	0.495	N/A
	Hotspot	Front	0.279	0.104	0.025	0.07	0.04	0.423	N/A	N/A
		Back	0.298	0.095	0.123	0.137	0.053	0.446	N/A	N/A
		Left	0.058	0.000	0.000	0	0	0.058	N/A	N/A
		Right	0.075	0.116	0.000	0.044	0.009	0.200	N/A	N/A
		Top	0	0.315	0.000	0.066	0.035	0.350	N/A	N/A
		Bottom	0.791	0.000	0.000	0	0	0.791	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	1.77	/	/	/	/	1.770	1.770	N/A
GSM 1900	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.280	0.264	0.310	0.719	0.249	0.793	N/A	N/A
		Left Tilt	0.394	0.229	0.154	0.422	0.162	0.785	N/A	N/A
		Right Cheek	0.799	0.127	0.128	0.243	0.216	1.142	N/A	N/A
		Right Tilt	0.846	0.180	0.111	0.198	0.13	1.156	N/A	N/A
	Body-worn	Front(voice)	0.147	0.037	0.013	0.054	0.024	0.208	N/A	N/A
		Back(voice)	0.162	0.054	0.030	0.082	0.038	0.254	N/A	N/A
		Front(data)	0.182	0.037	0.013	0.054	0.024	0.243	N/A	N/A
		Back(data)	0.308	0.054	0.030	0.082	0.038	0.400	N/A	N/A
	Hotspot	Front	0.193	0.104	0.025	0.07	0.04	0.337	N/A	N/A
		Back	0.165	0.095	0.123	0.137	0.053	0.313	N/A	N/A
		Left	0.156	0.000	0.000	0	0	0.156	N/A	N/A
		Right	0.037	0.116	0.000	0.044	0.009	0.162	N/A	N/A
		Top	0.319	0.315	0.000	0.066	0.035	0.669	N/A	N/A
		Bottom	0.000	0.000	0.000	0	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
WCDMA B2	Head	Left Cheek	0.082	0.264	0.310	0.249	0.249	0.595	N/A	N/A
		Left Tilt	0.044	0.229	0.154	0.162	0.162	0.435	N/A	N/A
		Right Cheek	0.148	0.127	0.128	0.216	0.216	0.491	N/A	N/A
		Right Tilt	0.059	0.180	0.111	0.13	0.13	0.369	N/A	N/A
	Body-worn	Front	0.425	0.037	0.013	0.024	0.024	0.486	N/A	N/A
		Back	0.403	0.054	0.030	0.038	0.038	0.495	N/A	N/A
	Hotspot	Front	0.316	0.104	0.025	0.024	0.04	0.460	N/A	N/A
		Back	0.305	0.095	0.123	0.038	0.053	0.453	N/A	N/A
		Left	0.065	0.000	0.000	0.04	0	0.065	N/A	N/A
		Right	0.061	0.116	0.000	0.053	0.009	0.186	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.805	0.000	0.000	0.009	0	0.805	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	1.753	/	/	/	/	1.753	1.753	N/A
WCDMA B2	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.208	0.264	0.310	0.249	0.249	0.721	N/A	N/A
		Left Tilt	0.491	0.229	0.154	0.162	0.162	0.882	N/A	N/A
		Right Cheek	0.821	0.127	0.128	0.216	0.216	1.164	N/A	N/A
		Right Tilt	0.892	0.180	0.111	0.13	0.13	1.202	N/A	N/A
	Body-worn	Front	0.187	0.037	0.013	0.024	0.024	0.248	N/A	N/A
		Back	0.214	0.054	0.030	0.038	0.038	0.306	N/A	N/A
	Hotspot	Front	0.298	0.104	0.025	0.024	0.04	0.442	N/A	N/A
		Back	0.218	0.095	0.123	0.038	0.053	0.366	N/A	N/A
		Left	0.199	0.000	0.000	0.04	0	0.199	N/A	N/A
		Right	0.055	0.116	0.000	0.053	0.009	0.180	N/A	N/A
		Top	0.423	0.315	0.000	0	0.035	0.773	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
WCDMA B4	Head	Left Cheek	0.152	0.264	0.310	0.249	0.249	0.665	N/A	N/A
		Left Tilt	0.073	0.229	0.154	0.162	0.162	0.464	N/A	N/A
		Right Cheek	0.11	0.127	0.128	0.216	0.216	0.453	N/A	N/A
		Right Tilt	0.069	0.180	0.111	0.13	0.13	0.379	N/A	N/A
	Body-worn	Front	0.541	0.037	0.013	0.024	0.024	0.602	N/A	N/A
		Back	0.486	0.054	0.030	0.038	0.038	0.578	N/A	N/A
	Hotspot	Front	0.343	0.104	0.025	0.024	0.04	0.487	N/A	N/A
		Back	0.381	0.095	0.123	0.038	0.053	0.529	N/A	N/A
		Left	0.105	0.000	0.000	0.04	0	0.105	N/A	N/A
		Right	0.053	0.116	0.000	0.053	0.009	0.178	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.744	0.000	0.000	0.009	0	0.744	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	2.148	/	/	/	/	2.148	2.148	N/A
WCDMA B4	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.348	0.264	0.310	0.249	0.249	0.861	N/A	N/A
		Left Tilt	0.362	0.229	0.154	0.162	0.162	0.753	N/A	N/A
		Right Cheek	0.429	0.127	0.128	0.216	0.216	0.772	N/A	N/A
		Right Tilt	0.391	0.180	0.111	0.13	0.13	0.701	N/A	N/A
	Body-worn	Front	0.303	0.037	0.013	0.024	0.024	0.364	N/A	N/A
		Back	0.338	0.054	0.030	0.038	0.038	0.430	N/A	N/A
	Hotspot	Front	0.316	0.104	0.025	0.024	0.04	0.460	N/A	N/A
		Back	0.368	0.095	0.123	0.038	0.053	0.516	N/A	N/A
		Left	0.221	0.000	0.000	0.04	0	0.221	N/A	N/A
		Right	0.030	0.116	0.000	0.053	0.009	0.155	N/A	N/A
		Top	0.476	0.315	0.000	0	0.035	0.826	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
WCDMA B5	Head	Left Cheek	0.179	0.264	0.310	0.249	0.249	0.692	N/A	N/A
		Left Tilt	0.103	0.229	0.154	0.162	0.162	0.494	N/A	N/A
		Right Cheek	0.247	0.127	0.128	0.216	0.216	0.590	N/A	N/A
		Right Tilt	0.105	0.180	0.111	0.13	0.13	0.415	N/A	N/A
	Body-worn	Front	0.279	0.037	0.013	0.024	0.024	0.340	N/A	N/A
		Back	0.299	0.054	0.030	0.038	0.038	0.391	N/A	N/A
	Hotspot	Front	0.477	0.104	0.025	0.024	0.04	0.621	N/A	N/A
		Back	0.506	0.095	0.123	0.038	0.053	0.654	N/A	N/A
		Left	0.196	0.000	0.000	0.04	0	0.196	N/A	N/A
		Right	0.283	0.116	0.000	0.053	0.009	0.408	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.369	0.000	0.000	0.009	0	0.369	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
WWAN Band	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.308	0.264	0.310	0.249	0.249	0.821	N/A	N/A
		Left Tilt	0.427	0.229	0.154	0.162	0.162	0.818	N/A	N/A
		Right Cheek	0.541	0.127	0.128	0.216	0.216	0.884	N/A	N/A
		Right Tilt	0.467	0.180	0.111	0.13	0.13	0.777	N/A	N/A
	Body-worn	Front	0.504	0.037	0.013	0.024	0.024	0.565	N/A	N/A
		Back	0.451	0.054	0.030	0.038	0.038	0.543	N/A	N/A
	Hotspot	Front	0.459	0.104	0.025	0.024	0.04	0.603	N/A	N/A
		Back	0.419	0.095	0.123	0.038	0.053	0.567	N/A	N/A
		Left	0.245	0.000	0.000	0.04	0	0.245	N/A	N/A
		Right	0.032	0.116	0.000	0.053	0.009	0.157	N/A	N/A
		Top	0.244	0.315	0.000	0	0.035	0.594	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B2	Head	Left Cheek	0.146	0.264	0.310	0.249	0.249	0.659	N/A	N/A
		Left Tilt	0.071	0.229	0.154	0.162	0.162	0.462	N/A	N/A
		Right Cheek	0.189	0.127	0.128	0.216	0.216	0.532	N/A	N/A
		Right Tilt	0.098	0.180	0.111	0.13	0.13	0.408	N/A	N/A
	Body-worn	Front	0.618	0.037	0.013	0.024	0.024	0.679	N/A	N/A
		Back	0.54	0.054	0.030	0.038	0.038	0.632	N/A	N/A
	Hotspot	Front	0.278	0.104	0.025	0.024	0.04	0.422	N/A	N/A
		Back	0.302	0.095	0.123	0.038	0.053	0.450	N/A	N/A
		Left	0.055	0.000	0.000	0.04	0	0.055	N/A	N/A
		Right	0.066	0.116	0.000	0.053	0.009	0.191	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.73	0.000	0.000	0.009	0	0.730	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	1.7	/	/	/	/	1.700	1.700	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.292	0.264	0.310	0.249	0.249	0.805	N/A	N/A
		Left Tilt	0.378	0.229	0.154	0.162	0.162	0.769	N/A	N/A
		Right Cheek	0.743	0.127	0.128	0.216	0.216	1.086	N/A	N/A
		Right Tilt	0.658	0.180	0.111	0.13	0.13	0.968	N/A	N/A
	Body-worn	Front	0.151	0.037	0.013	0.024	0.024	0.212	N/A	N/A
		Back	0.204	0.054	0.030	0.038	0.038	0.296	N/A	N/A
	Hotspot	Front	0.293	0.104	0.025	0.024	0.04	0.437	N/A	N/A
		Back	0.255	0.095	0.123	0.038	0.053	0.403	N/A	N/A
		Left	0.165	0.000	0.000	0.04	0	0.165	N/A	N/A
		Right	0.231	0.116	0.000	0.053	0.009	0.356	N/A	N/A
		Top	0.442	0.315	0.000	0	0.035	0.792	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B4	Head	Left Cheek	0.13	0.264	0.310	0.249	0.249	0.643	N/A	N/A
		Left Tilt	0.046	0.229	0.154	0.162	0.162	0.437	N/A	N/A
		Right Cheek	0.104	0.127	0.128	0.216	0.216	0.447	N/A	N/A
		Right Tilt	0.066	0.180	0.111	0.13	0.13	0.376	N/A	N/A
	Body-worn	Front	0.381	0.037	0.013	0.024	0.024	0.442	N/A	N/A
		Back	0.372	0.054	0.030	0.038	0.038	0.464	N/A	N/A
	Hotspot	Front	0.416	0.104	0.025	0.024	0.04	0.560	N/A	N/A
		Back	0.412	0.095	0.123	0.038	0.053	0.560	N/A	N/A
		Left	0.096	0.000	0.000	0.04	0	0.096	N/A	N/A
		Right	0.056	0.116	0.000	0.053	0.009	0.181	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.865	0.000	0.000	0.009	0	0.865	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	1.983	/	/	/	/	1.983	1.983	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.327	0.264	0.310	0.249	0.249	0.840	N/A	N/A
		Left Tilt	0.322	0.229	0.154	0.162	0.162	0.713	N/A	N/A
		Right Cheek	0.417	0.127	0.128	0.216	0.216	0.760	N/A	N/A
		Right Tilt	0.469	0.180	0.111	0.13	0.13	0.779	N/A	N/A
	Body-worn	Front	0.342	0.037	0.013	0.024	0.024	0.403	N/A	N/A
		Back	0.390	0.054	0.030	0.038	0.038	0.482	N/A	N/A
	Hotspot	Front	0.453	0.104	0.025	0.024	0.04	0.597	N/A	N/A
		Back	0.504	0.095	0.123	0.038	0.053	0.652	N/A	N/A
		Left	0.324	0.000	0.000	0.04	0	0.324	N/A	N/A
		Right	0.098	0.116	0.000	0.053	0.009	0.223	N/A	N/A
		Top	0.521	0.315	0.000	0	0.035	0.871	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B5	Head	Left Cheek	0.093	0.264	0.310	0.249	0.249	0.606	N/A	N/A
		Left Tilt	0.047	0.229	0.154	0.162	0.162	0.438	N/A	N/A
		Right Cheek	0.126	0.127	0.128	0.216	0.216	0.469	N/A	N/A
		Right Tilt	0.054	0.180	0.111	0.13	0.13	0.364	N/A	N/A
	Body-worn	Front	0.147	0.037	0.013	0.024	0.024	0.208	N/A	N/A
		Back	0.15	0.054	0.030	0.038	0.038	0.242	N/A	N/A
	Hotspot	Front	0.223	0.104	0.025	0.024	0.04	0.367	N/A	N/A
		Back	0.26	0.095	0.123	0.038	0.053	0.408	N/A	N/A
		Left	0.062	0.000	0.000	0.04	0	0.062	N/A	N/A
		Right	0.156	0.116	0.000	0.053	0.009	0.281	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.195	0.000	0.000	0.009	0	0.195	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.390	0.264	0.310	0.249	0.249	0.903	N/A	N/A
		Left Tilt	0.294	0.229	0.154	0.162	0.162	0.685	N/A	N/A
		Right Cheek	0.419	0.127	0.128	0.216	0.216	0.762	N/A	N/A
		Right Tilt	0.429	0.180	0.111	0.13	0.13	0.739	N/A	N/A
	Body-worn	Front	0.489	0.037	0.013	0.024	0.024	0.550	N/A	N/A
		Back	0.455	0.054	0.030	0.038	0.038	0.547	N/A	N/A
	Hotspot	Front	0.413	0.104	0.025	0.024	0.04	0.557	N/A	N/A
		Back	0.385	0.095	0.123	0.038	0.053	0.533	N/A	N/A
		Left	0.218	0.000	0.000	0.04	0	0.218	N/A	N/A
		Right	0.038	0.116	0.000	0.053	0.009	0.163	N/A	N/A
		Top	0.310	0.315	0.000	0	0.035	0.660	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B7	Head	Left Cheek	0.039	0.264	0.310	0.249	0.249	0.552	N/A	N/A
		Left Tilt	0.031	0.229	0.154	0.162	0.162	0.422	N/A	N/A
		Right Cheek	0.165	0.127	0.128	0.216	0.216	0.508	N/A	N/A
		Right Tilt	0.042	0.180	0.111	0.13	0.13	0.352	N/A	N/A
	Body-worn	Front	0.466	0.037	0.013	0.024	0.024	0.527	N/A	N/A
		Back	0.437	0.054	0.030	0.038	0.038	0.529	N/A	N/A
	Hotspot	Front	0.215	0.104	0.025	0.024	0.04	0.359	N/A	N/A
		Back	0.199	0.095	0.123	0.038	0.053	0.347	N/A	N/A
		Left	0.122	0.000	0.000	0.04	0	0.122	N/A	N/A
		Right	0.032	0.116	0.000	0.053	0.009	0.157	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.602	0.000	0.000	0.009	0	0.602	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	1.952	/	/	/	/	1.952	1.952	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.193	0.264	0.310	0.249	0.249	0.706	N/A	N/A
		Left Tilt	0.175	0.229	0.154	0.162	0.162	0.566	N/A	N/A
		Right Cheek	0.521	0.127	0.128	0.216	0.216	0.864	N/A	N/A
		Right Tilt	0.391	0.180	0.111	0.13	0.13	0.701	N/A	N/A
	Body-worn	Front	0.046	0.037	0.013	0.024	0.024	0.107	N/A	N/A
		Back	0.101	0.054	0.030	0.038	0.038	0.193	N/A	N/A
	Hotspot	Front	0.059	0.104	0.025	0.024	0.04	0.203	N/A	N/A
		Back	0.112	0.095	0.123	0.038	0.053	0.260	N/A	N/A
		Left	0.072	0.000	0.000	0.04	0	0.072	N/A	N/A
		Right	0.032	0.116	0.000	0.053	0.009	0.157	N/A	N/A
		Top	0.122	0.315	0.000	0	0.035	0.472	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B12	Head	Left Cheek	0.074	0.264	0.310	0.249	0.249	0.587	N/A	N/A
		Left Tilt	0.063	0.229	0.154	0.162	0.162	0.454	N/A	N/A
		Right Cheek	0.102	0.127	0.128	0.216	0.216	0.445	N/A	N/A
		Right Tilt	0.045	0.180	0.111	0.13	0.13	0.355	N/A	N/A
	Body-worn	Front	0.156	0.037	0.013	0.024	0.024	0.217	N/A	N/A
		Back	0.184	0.054	0.030	0.038	0.038	0.276	N/A	N/A
	Hotspot	Front	0.23	0.104	0.025	0.024	0.04	0.374	N/A	N/A
		Back	0.273	0.095	0.123	0.038	0.053	0.421	N/A	N/A
		Left	0.098	0.000	0.000	0.04	0	0.098	N/A	N/A
		Right	0.214	0.116	0.000	0.053	0.009	0.339	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.166	0.000	0.000	0.009	0	0.166	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.306	0.264	0.310	0.249	0.249	0.819	N/A	N/A
		Left Tilt	0.514	0.229	0.154	0.162	0.162	0.905	N/A	N/A
		Right Cheek	0.662	0.127	0.128	0.216	0.216	1.005	N/A	N/A
		Right Tilt	0.642	0.180	0.111	0.13	0.13	0.952	N/A	N/A
	Body-worn	Front	0.161	0.037	0.013	0.024	0.024	0.222	N/A	N/A
		Back	0.139	0.054	0.030	0.038	0.038	0.231	N/A	N/A
	Hotspot	Front	0.203	0.104	0.025	0.024	0.04	0.347	N/A	N/A
		Back	0.186	0.095	0.123	0.038	0.053	0.334	N/A	N/A
		Left	0.107	0.000	0.000	0.04	0	0.107	N/A	N/A
		Right	0.025	0.116	0.000	0.053	0.009	0.150	N/A	N/A
		Top	0.126	0.315	0.000	0	0.035	0.476	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B17	Head	Left Cheek	0.095	0.264	0.310	0.249	0.249	0.608	N/A	N/A
		Left Tilt	0.088	0.229	0.154	0.162	0.162	0.479	N/A	N/A
		Right Cheek	0.125	0.127	0.128	0.216	0.216	0.468	N/A	N/A
		Right Tilt	0.062	0.180	0.111	0.13	0.13	0.372	N/A	N/A
	Body-worn	Front	0.203	0.037	0.013	0.024	0.024	0.264	N/A	N/A
		Back	0.226	0.054	0.030	0.038	0.038	0.318	N/A	N/A
	Hotspot	Front	0.276	0.104	0.025	0.024	0.04	0.420	N/A	N/A
		Back	0.354	0.095	0.123	0.038	0.053	0.502	N/A	N/A
		Left	0.103	0.000	0.000	0.04	0	0.103	N/A	N/A
		Right	0.233	0.116	0.000	0.053	0.009	0.358	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.213	0.000	0.000	0.009	0	0.213	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.337	0.264	0.310	0.249	0.249	0.850	N/A	N/A
		Left Tilt	0.456	0.229	0.154	0.162	0.162	0.847	N/A	N/A
		Right Cheek	0.512	0.127	0.128	0.216	0.216	0.855	N/A	N/A
		Right Tilt	0.446	0.180	0.111	0.13	0.13	0.756	N/A	N/A
	Body-worn	Front	0.168	0.037	0.013	0.024	0.024	0.229	N/A	N/A
		Back	0.166	0.054	0.030	0.038	0.038	0.258	N/A	N/A
	Hotspot	Front	0.147	0.104	0.025	0.024	0.04	0.291	N/A	N/A
		Back	0.118	0.095	0.123	0.038	0.053	0.266	N/A	N/A
		Left	0.081	0.000	0.000	0.04	0	0.081	N/A	N/A
		Right	0.021	0.116	0.000	0.053	0.009	0.146	N/A	N/A
		Top	0.092	0.315	0.000	0	0.035	0.442	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B26	Head	Left Cheek	0.11	0.264	0.310	0.249	0.249	0.623	N/A	N/A
		Left Tilt	0.055	0.229	0.154	0.162	0.162	0.446	N/A	N/A
		Right Cheek	0.147	0.127	0.128	0.216	0.216	0.490	N/A	N/A
		Right Tilt	0.063	0.180	0.111	0.13	0.13	0.373	N/A	N/A
	Body-worn	Front	0.167	0.037	0.013	0.024	0.024	0.228	N/A	N/A
		Back	0.173	0.054	0.030	0.038	0.038	0.265	N/A	N/A
	Hotspot	Front	0.255	0.104	0.025	0.024	0.04	0.399	N/A	N/A
		Back	0.28	0.095	0.123	0.038	0.053	0.428	N/A	N/A
		Left	0.068	0.000	0.000	0.04	0	0.068	N/A	N/A
		Right	0.172	0.116	0.000	0.053	0.009	0.297	N/A	N/A
		Top	0	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.212	0.000	0.000	0.009	0	0.212	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.212	0.264	0.310	0.249	0.249	0.725	N/A	N/A
		Left Tilt	0.397	0.229	0.154	0.162	0.162	0.788	N/A	N/A
		Right Cheek	0.703	0.127	0.128	0.216	0.216	1.046	N/A	N/A
		Right Tilt	0.498	0.180	0.111	0.13	0.13	0.808	N/A	N/A
	Body-worn	Front	0.506	0.037	0.013	0.024	0.024	0.567	N/A	N/A
		Back	0.443	0.054	0.030	0.038	0.038	0.535	N/A	N/A
	Hotspot	Front	0.419	0.104	0.025	0.024	0.04	0.563	N/A	N/A
		Back	0.363	0.095	0.123	0.038	0.053	0.511	N/A	N/A
		Left	0.242	0.000	0.000	0.04	0	0.242	N/A	N/A
		Right	0.039	0.116	0.000	0.053	0.009	0.164	N/A	N/A
		Top	0.273	0.315	0.000	0	0.035	0.623	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B38	Head	Left Cheek	0.025	0.264	0.310	0.249	0.249	0.538	N/A	N/A
		Left Tilt	0.031	0.229	0.154	0.162	0.162	0.422	N/A	N/A
		Right Cheek	0.114	0.127	0.128	0.216	0.216	0.457	N/A	N/A
		Right Tilt	0.034	0.180	0.111	0.13	0.13	0.344	N/A	N/A
	Body-worn	Front	0.238	0.037	0.013	0.024	0.024	0.299	N/A	N/A
		Back	0.264	0.054	0.030	0.038	0.038	0.356	N/A	N/A
	Hotspot	Front	0.241	0.104	0.025	0.024	0.04	0.385	N/A	N/A
		Back	0.24	0.095	0.123	0.038	0.053	0.388	N/A	N/A
		Left	0.184	0.000	0.000	0.04	0	0.184	N/A	N/A
		Right	0.061	0.116	0.000	0.053	0.009	0.186	N/A	N/A
		Top	0.000	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.762	0.000	0.000	0.009	0	0.762	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.264	0.264	0.310	0.249	0.249	0.777	N/A	N/A
		Left Tilt	0.288	0.229	0.154	0.162	0.162	0.679	N/A	N/A
		Right Cheek	0.946	0.127	0.128	0.216	0.216	1.289	N/A	N/A
		Right Tilt	0.521	0.180	0.111	0.13	0.13	0.831	N/A	N/A
	Body-worn	Front	0.219	0.037	0.013	0.024	0.024	0.280	N/A	N/A
		Back	0.252	0.054	0.030	0.038	0.038	0.344	N/A	N/A
	Hotspot	Front	0.316	0.104	0.025	0.024	0.04	0.460	N/A	N/A
		Back	0.262	0.095	0.123	0.038	0.053	0.410	N/A	N/A
		Left	0.158	0.000	0.000	0.04	0	0.158	N/A	N/A
		Right	0.033	0.116	0.000	0.053	0.009	0.158	N/A	N/A
		Top	0.232	0.315	0.000	0	0.035	0.582	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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WWAN Band	Exposure position	Test position	① WWAN Ant.1 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
LTE B41	Head	Left Cheek	0.022	0.264	0.310	0.249	0.249	0.535	N/A	N/A
		Left Tilt	0.011	0.229	0.154	0.162	0.162	0.402	N/A	N/A
		Right Cheek	0.083	0.127	0.128	0.216	0.216	0.426	N/A	N/A
		Right Tilt	0.023	0.180	0.111	0.13	0.13	0.333	N/A	N/A
	Body-worn	Front	0.273	0.037	0.013	0.024	0.024	0.334	N/A	N/A
		Back	0.251	0.054	0.030	0.038	0.038	0.343	N/A	N/A
	Hotspot	Front	0.337	0.104	0.025	0.024	0.04	0.481	N/A	N/A
		Back	0.276	0.095	0.123	0.038	0.053	0.424	N/A	N/A
		Left	0.16	0.000	0.000	0.04	0	0.160	N/A	N/A
		Right	0.058	0.116	0.000	0.053	0.009	0.183	N/A	N/A
		Top	0.000	0.315	0.000	0	0.035	0.350	N/A	N/A
		Bottom	0.931	0.000	0.000	0.009	0	0.931	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A
	Exposure position	Test position	① WWAN Ant.2 SAR	② 2.4G WIFI1 SAR	③ 2.4G WIFI2 SAR	④ 5G WIFI1 SAR	⑤ 5G WIFI2 SAR	∑1-g SAR ①+②+⑤	∑1-g SAR ①+③+④	Case NO.
	Head	Left Cheek	0.247	0.264	0.310	0.249	0.249	0.760	N/A	N/A
		Left Tilt	0.272	0.229	0.154	0.162	0.162	0.663	N/A	N/A
		Right Cheek	1.050	0.127	0.128	0.216	0.216	1.393	N/A	N/A
		Right Tilt	0.718	0.180	0.111	0.13	0.13	1.028	N/A	N/A
	Body-worn	Front	0.171	0.037	0.013	0.024	0.024	0.232	N/A	N/A
		Back	0.235	0.054	0.030	0.038	0.038	0.327	N/A	N/A
	Hotspot	Front	0.308	0.104	0.025	0.024	0.04	0.452	N/A	N/A
		Back	0.269	0.095	0.123	0.038	0.053	0.417	N/A	N/A
		Left	0.157	0.000	0.000	0.04	0	0.157	N/A	N/A
		Right	0.027	0.116	0.000	0.053	0.009	0.152	N/A	N/A
		Top	0.258	0.315	0.000	0	0.035	0.608	N/A	N/A
		Bottom	0.000	0.000	0.000	0.009	0	0.000	N/A	N/A
	Limbs	Front	/	/	/	0.386	0.114	0.114	0.386	N/A
		Back	/	/	/	0.303	0.142	0.142	0.303	N/A
		Left	/	/	/	/	/	0.000	0.000	N/A
		Right	/	/	/	0.062	0.006	0.006	0.062	N/A
		Top	/	/	/	0.210	0.068	0.068	0.210	N/A
		Bottom	/	/	/	/	/	0.000	0.000	N/A

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9 Equipment list

Test Platform	SPEAG DASY5 Professional
Description	SAR Test System (Frequency range 300MHz-6GHz)
Software Reference	DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Hardware Reference

	Equipment	Manufacturer	Model	Serial Number	Calibration Date	Due date of calibration
☒	Twin Phantom	SPEAG	SAM 1	TP-1283	NCR	NCR
☒	Twin Phantom	SPEAG	SAM 2	1913	NCR	NCR
☒	DAE	SPEAG	DAE4	1267	2017-02-23	2018-02-22
☒	DAE	SPEAG	DAE4	1374	2016-08-23	2017-08-22
☒	DAE	SPEAG	DAE4	1374	2017-08-31	2018-08-30
☒	DAE	SPEAG	DAE4	719	2017-07-06	2018-07-05
☒	E-Field Probe	SPEAG	EX3DV4	3789	2017-01-13	2018-01-12
☒	E-Field Probe	SPEAG	EX3DV4	3962	2016-12-19	2017-12-18
☒	Validation Kits	SPEAG	D750V3	1160	2016-06-22	2019-06-21
☒	Validation Kits	SPEAG	D835V2	4d105	2016-12-08	2019-12-07
☒	Validation Kits	SPEAG	D1750V2	1149	2016-06-23	2019-06-22
☒	Validation Kits	SPEAG	D1900V2	5d142	2016-06-23	2019-06-22
☒	Validation Kits	SPEAG	D2450V2	733	2016-12-07	2019-12-06
☒	Validation Kits	SPEAG	D2600V2	1125	2016-06-22	2019-06-21
☒	Validation Kits	SPEAG	D5GHzV2	1165	2016-12-13	2019-12-12
☒	Agilent Network Analyzer	Agilent	E5071C	MY46523590	2017-03-06	2018-03-05
☒	Dielectric Probe Kit	Agilent	85070E	US01440210	NCR	NCR
☒	Universal Radio Communication Tester	R&S	CMU200	123090	2017-06-21	2018-06-20
☒	Universal Radio Communication Tester	R&S	CMW500	152271	2017-03-06	2018-03-05
☒	RF Bi-Directional Coupler	Agilent	86205-60001	MY31400031	NCR	NCR
☒	Signal Generator	Agilent	N5171B	MY53050736	2017-03-06	2018-03-05
☒	Preamplifier	Mini-Circuits	ZHL-42W	15542	NCR	NCR
☒	Power Meter	Agilent	E4416A	GB41292095	2017-03-06	2018-03-05
☒	Power Sensor	Agilent	8481H	MY41091234	2017-03-05	2018-03-04
☒	Power Sensor	R&S	NRP-Z92	100025	2017-03-06	2018-03-05
☒	Attenuator	SHX	TS2-3dB	30704	NCR	NCR
☒	Coaxial low pass filter	Mini-Circuits	VLF-2500(+)	NA	NCR	NCR
☒	Coaxial low pass filter	Microlab Fxr	LA-F13	NA	NCR	NCR
☒	50 Ω coaxial load	Mini-Circuits	KARN-50+	00850	NCR	NCR
☒	DC POWER SUPPLY	SAKO	SK1730SL5A	NA	NCR	NCR

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☒	Speed reading thermometer	MingGao	T809	NA	2017-03-08	2018-03-07
☒	Humidity and Temperature Indicator	KIMTOKA	KIMTOKA	NA	2017-03-08	2018-03-07

10 Calibration certificate

Please see the Appendix C

11 Photographs

Please see the Appendix D

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Appendix A: Detailed System Validation Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

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