FCC SAR TEST REPORT

Report No:	E5/2018/20009
Applicant:	Huawei Technologies Co., Ltd.
Manufacturer:	Huawei Technologies Co., Ltd.
Factory:	Huawei Technologies Co., Ltd.
Product Name:	Smart Phone
Model No.(EUT):	EML-L29
Trade Mark:	HUAWEI
FCC ID:	QISEML-L29
Standards:	FCC 47CFR §2.1093
Date of Receipt:	2018-01-06
Date of Test:	2018-01-06 to 2018-02-02
Date of Issue:	2018-02-12
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: Feb.12, 2018

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Date: Feb.12, 2018

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REVISION HISTORY

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2018-02-12		Original

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TEST SUMMARY

Frequency Band	Maximum Reported SAR(W/kg)		
	Head	Body-worn	Hotspot
GSM850	0.73	0.50	0.69
GSM1900	0.74	0.51	0.67
WCDMA Band II	0.67	**0.72**	0.70
WCDMA Band IV	0.57	0.54	0.81
WCDMA Band V	0.80	0.38	0.56
LTE Band 2	0.56	0.61	0.74
LTE Band 4	0.48	0.43	0.71
LTE Band 5	0.71	0.36	0.55
LTE Band 7	**0.99**	0.42	**0.92**
LTE Band 12	0.82	0.33	0.44
LTE Band 17	0.74	0.34	0.45
LTE Band 26	0.67	0.35	0.49
LTE Band 38	0.82	0.38	0.72
LTE Band 40	0.91	0.59	0.81
LTE Band 41	0.97	0.40	0.87
Bluetooth	0.39	<0.10	0.12
WI-FI (2.4GHz)	0.93	0.18	0.76
WI-FI (5GHz)	0.61	0.08	0.09
SAR Limited(W/kg)	1.6		
Maximum Simultaneous Transmission SAR (W/kg)			
Scenario	Head	Body-worn	Hotspot
Sum SAR	1.55	0.93	1.27
SPLSR	N/A	N/A	N/A
SPLSR Limited	0.04		

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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

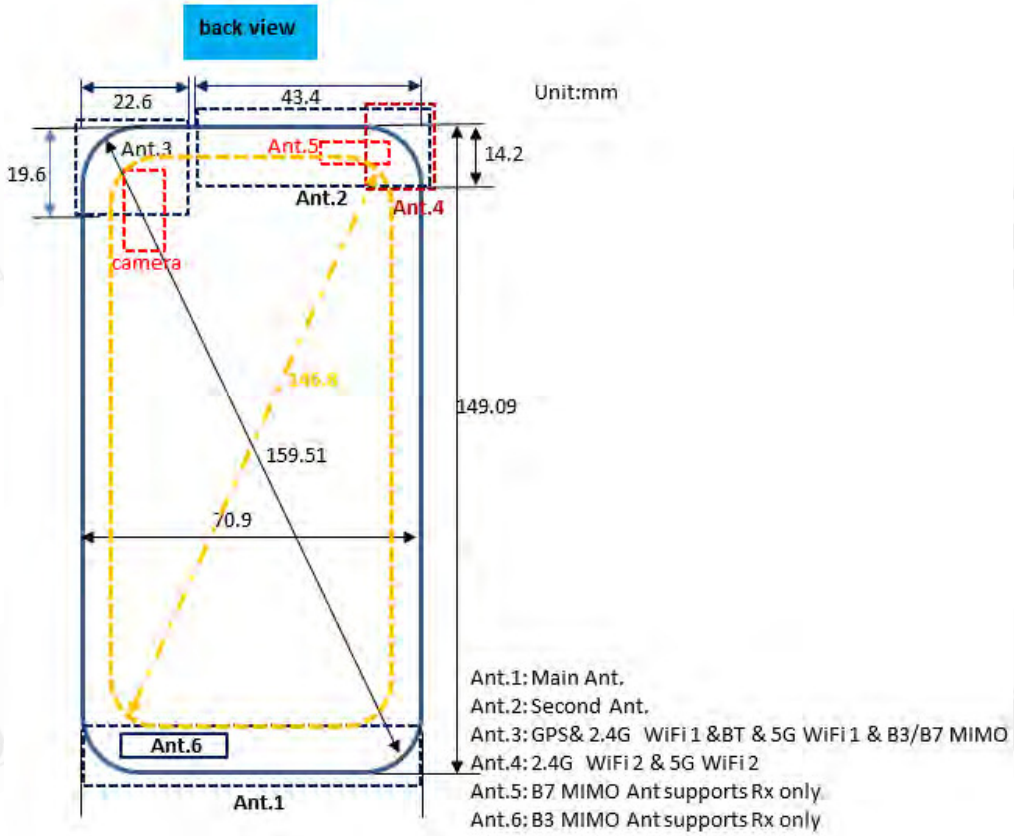
Device Type :	portable device		
Exposure Category:	uncontrolled environment / general population		
Product Name:	Smart Phone		
Model No.(EUT):	EML-L29		
FCC ID:	QISEML-L29		
Trade Mark:	HUAWEI		
Product Phase:	production unit		
SN:	AEJ0117C11000176 / AEJ0117C11000179 / AEJ0117C11000172 / AEJ0117C11000170 / AEJ0117C11000264 / AEJ0117C11000249		
Hardware Version:	HL1EMILYM		
Software Version:	EML-L29 8.1.0.71(SP9C900)		
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: HB396285ECW
	Rated capacity: 3320mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: Sunwoda Electronic Co., LTD
Battery Information2#:	Model: HB396285ECW
	Rated capacity: 3320mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: SCUD (FUJIAN) Electronics Co., Ltd
Battery Information3#:	Model: HB396285ECW
	Rated capacity: 3320mAh
	Battery Type: Rechargeable Li-ion Battery
	Manufacturer: Desay Battery Co., Ltd.
Headset Information1#:	Model: MEND1632B729000
	Manufacturer: JIANGXI LIANCHUANG HONGSHENG ELECTRONIC CO., LTD
Headset Information2#:	Model: 1331-3301-6001-TC-296
	Manufacturer: BOLUO COUNTY QUANCHENG ELECTRONIC CO., LTD
Headset Information3#:	Model: WINDY-C
	Manufacturer: Goer Tek Inc
Headset Information4#:	Model: L99EP003-CS-H
	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 146.8mm and the overall diagonal dimension of this device is 159.51mm.

According to the distance between LTE/WCDMA/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.3(2.4G WIFI1&BT&5G WIFI1 Ant.)	Yes	Yes	No	Yes	Yes	No
Ant.4(2.4G WIFI2&5G WIFI2 Ant.)	Yes	Yes	Yes	No	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.

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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.

Second antenna														
Power Reduction Scenario	GSM 850	GSM1 900	UMT S B2	UMT S B4	UMT S B5	LTE B2	LTE B4	LTE B5	LTE B7	LTE B12	LTE B17	LTE B26	LTE B38	LTE B41
Receiver on (left head)	4.5	4.5	7.0	4.5	4.0	6.0	3.5	4.0	7.5	2.5	3.5	4.5	6.0	6.5
Receiver on (right head)	4.0	5.0	8.0	6.0	4.0	8.0	6.0	4.0	8.5	3.0	3.0	4.0	7.0	7.0
unknown	4.5	5.0	8.0	6.0	4.0	8.0	6.0	4.0	8.5	3.0	3.5	4.5	7.0	7.0
Receiver off (body 15mm & 0mm)	0.0	0.5	3.0	2.5	0.0	2.5	2.5	0.0	4.5	0.0	0.0	0.0	4.0	4.0
+BT	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
+wifi 2.4G	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
+wifi 5G	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
+BT+5G	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
+wifi 2.4G+5G	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
+hotspot 2.4G	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
+hotspot 5G	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Main antenna														
Power Reduction Scenario	GSM 850	GSM1 900	UMT S B2	UMT S B4	UMT S B5	LTE B2	LTE B4	LTE B5	LTE B7	LTE B12	LTE B17	LTE B26	LTE B38	LTE B41
Receiver on	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Receiver off (body 15mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sensor D1 (body 0mm)	0.0	0.5	2.5	2.5	0.0	2.0	2.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0
hotspot 2.4G	0.0	4.0	5.5	4.0	0.0	5.0	4.0	0.0	3.0	0.0	0.0	0.0	2.0	2.0
hotspot 5G	0.0	4.0	5.5	4.0	0.0	5.0	4.0	0.0	3.0	0.0	0.0	0.0	2.0	2.0

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WiFi antenna				
Power Reduction Scenario	WiFi 2.4G Ant1	WiFi 5G Ant1	WiFi 2.4G Ant2	WiFi 5G Ant2
wifi only--head	4.5	5.0	0.0	0.0
wifi only--body	0.0	0.0	0.0	0.0
wifi simutaneously --head	4.5	5.0	0.0	0.0
wifi simutaneously --body	0.0	0.0	0.0	0.0

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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 operating bands

E-UTRA CA Band	E-UTRA Band	Uplink (UL) operating band BS receive / UE transmit F_{UL_low} – F_{UL_high}			Downlink (DL) operating band BS transmit / UE receive F_{DL_low} – F_{DL_high}			Duplex Mode
CA_1	1	1920 MHz	–	1980 MHz	2110 MHz	–	2170 MHz	FDD
CA_2	2	1850 MHz	–	1910 MHz	1930 MHz	–	1990 MHz	FDD
CA_3	3	1710MHz	–	1785MHz	1805MHz	–	1880MHz	FDD
CA_5	5	824 MHz		849 MHz	869 MHz		894 MHz	FDD
CA_7	7	2500 MHz	–	2570 MHz	2620 MHz	–	2690 MHz	FDD
CA_12	12	699 MHz		716 MHz	729 MHz		746 MHz	FDD
CA_38	38	2570 MHz	–	2620 MHz	2570 MHz	–	2620 MHz	TDD
CA_39	39	1880 MHz	–	1920 MHz	1880 MHz	–	1920 MHz	TDD
CA_40	40	2300 MHz	–	2400 MHz	2300 MHz	–	2400 MHz	TDD
CA_41	41	2545 MHz	–	2655 MHz	2545 MHz	–	2655 MHz	TDD

Test frequencies for CA_1C

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	75+75	75	18075	1927.5	75	2117.5	75	18225	1942.5	225	2132.5
	100+100	100	18100	1930	100	2120	100	18298	1949.8	298	2139.8
Mid	75+75	75	18225	1942.5	225	2132.5	75	18375	1957.5	375	2147.5
	100+100	100	18201	1940.1	201	2130.1	100	18399	1959.9	399	2149.9
High	75+75	75	18375	1957.5	375	2147.5	75	18525	1972.5	525	2162.5
	100+100	100	18302	1950.2	302	2140.2	100	18500	1970	500	2160
Note 1: Carriers in increasing frequency order.											

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Test frequencies for CA_2C

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+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_3C

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+100	25	19233	1713.3	1233	1808.3	100	19350	1725	1350	1820
		100	19300	1720	1300	1815	25	19417	1731.7	1417	1826.7
	50+100	50	19255	1715.5	1255	1810.5	100	19399	1729.9	1399	1824.9
		100	19300	1720	1300	1815	50	19444	1734.4	1444	1829.4
	75+100	75	19278	1717.8	1278	1812.8	100	19449	1734.9	1449	1829.9
		100	19300	1720	1300	1815	75	19471	1737.1	1471	1832.1
	100+100	100	19300	1720	1300	1815	100	19498	1739.8	1498	1834.8
Mid	25+100	25	19483	1738.3	1483	1833.3	100	19600	1750.0	1600	1845.0
		100	19550	1745	1550	1840	25	19667	1756.7	1667	1851.7
	50+100	50	19481	1738.1	1481	1833.1	100	19625	1752.5	1625	1847.5
		100	19526	1742.6	1526	1837.6	50	19670	1757.0	1670	1852.0
	75+100	75	19478	1737.8	1478	1832.8	100	19649	1754.9	1649	1849.9
		100	19501	1740.1	1501	1835.1	75	19672	1757.2	1672	1852.2
	100+100	100	19476	1737.6	1476	1832.6	100	19674	1757.4	1674	1852.4
High	25+100	25	19733	1763.3	1733	1858.3	100	19850	1775	1850	1870
		100	19800	1770	1800	1865	25	19917	1781.7	1917	1876.7
	50+100	50	19706	1760.6	1706	1855.6	100	19850	1775	1850	1870
		100	19751	1765.1	1751	1860.1	50	19895	1779.5	1895	1874.5
	75+100	75	19679	1757.9	1679	1852.9	100	19850	1775	1850	1870
		100	19701	1760.1	1701	1855.1	75	19872	1777.2	1872	1872.2
	100+100	100	19652	1755.2	1652	1850.2	100	19850	1775	1850	1870
Note 1:	Carriers in increasing frequency order.										

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Test frequencies for CA_5B

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+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 / 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	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 / NRB_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_39C

Range	CC-Combo / NRB_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	38283	1883.3	100	38400	1895.0
		100	38350	1890	25	38467	1901.7
	50+100	50	38305	1885.5	100	38449	1899.9
		100	38350	1890	50	38494	1904.4
	75+100	75	38328	1887.8	100	38499	1904.9
		100	38350	1890	75	38521	1907.1
Mid	25+100	25	38358	1890.8	100	38475	1902.5
		100	38425	1897.5	25	38542	1909.2
	50+100	50	38356	1890.6	100	38500	1905.0
		100	38401	1895.1	50	38545	1909.5
	75+100	75	38353	1890.3	100	38524	1907.4
		100	38376	1892.6	75	38547	1909.7
High	25+100	25	38433	1898.3	100	38550	1910
		100	38500	1905.0	25	38617	1916.7
	50+100	50	38406	1895.6	100	38550	1910
		100	38451	1900.1	50	38595	1914.5
	75+100	75	38379	1892.9	100	38550	1910
		100	38401	1895.1	75	38572	1912.2
Note 1: Carriers in increasing frequency order.							

Test frequencies for CA_40C

Range	CC-Combo / NRB_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	50+100	50	38705	2305.5	100	38849	2319.9
		100	38750	2310	50	38894	2324.4
	75+75	75	38725	2307.5	75	38875	2322.5
	75+100	75	38728	2307.8	100	38899	2324.9
		100	38750	2310	75	38921	2327.1
	100+100	100	38750	2310	100	38948	2329.8
Mid	50+100	50	39056	2340.6	100	39200	2355.0
		100	39101	2345.1	50	39245	2359.5
	75+75	75	39075	2342.5	75	39225	2357.5
	75+100	75	39053	2340.3	100	39224	2357.4
		100	39076	2342.6	75	39247	2359.7
	100+100	100	39051	2340.1	100	39249	2359.9
High	50+100	50	39406	2375.6	100	39550	2390
		100	39451	2380.1	50	39595	2394.5
	75+75	75	39425	2377.5	75	39575	2392.5
	75+100	75	39379	2372.9	100	39550	2390
		100	39401	2375.1	75	39572	2392.2
	100+100	100	39352	2370.2	100	39550	2390
Note 1: Carriers in increasing frequency order.							

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Test frequencies for CA_41C

Range	CC-Combo / NRB_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

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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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non-contiguous intra-band CA

E-UTRA CA Band	E-UTRA Band	Uplink (UL) operating band BS receive / UE transmit F_{UL_low} – F_{UL_high}			Downlink (DL) operating band BS transmit / UE receive F_{DL_low} – F_{DL_high}			Duplex Mode
CA_3-3	3	1710 MHz	–	1785 MHz	1805 MHz	–	1880 MHz	FDD
CA_41-41	41	2496 MHz	–	2690 MHz	2496 MHz	–	2690 MHz	TDD

E-UTRA CA configuration / Bandwidth combination set							
E-UTRA CA configuration	Uplink CA configurations (NOTE 1)	Component carriers in order of increasing carrier frequency: Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Maximum aggregated bandwidth [MHz]	Bandwidth combination set	uplink CA capability
CA_3A-3A	-	5, 10, 15, 20	5, 10, 15, 20		40	0	No
CA_7A-7A	-	5	15		40	0	NO
		10	10, 15				
		15	15, 20				
		20	20				
		5, 10, 15, 20	5, 10, 15, 20				
CA_41A-41A	-	10, 15, 20	10, 15, 20		40	0	No
		5, 10, 15, 20	5, 10, 15, 20		40	1	No
CA_41A-41C	-	5, 10, 15, 20	See CA_41C Bandwidth Combination Set 1 in Table 5.4.2A.1-1		60	0	No
CA_41C-41A	-	See CA_41C Bandwidth Combination Set 1 in Table 5.4.2A.1-1		5, 10, 15, 20	60	0	No

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Test frequencies for CA_3A-3A

Test Frequency ID	CC-Combo / NRB_agg [RB]	CC1 Note1					Wgap [MHz]	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]
Max WGap	25+25	25	19225	1712.5	1225	1807.5	65	25	19925	1782.5	1925	1877.5
	25+50	25	19225	1712.5	1225	1807.5	60	50	19900	1780	1900	1875
		50	19250	1715	1250	1810	60	25	19925	1782.5	1925	1877.5
	25+75	25	19225	1712.5	1225	1807.5	55	75	19875	1777.5	1875	1872.5
		75	19275	1717.5	1275	1812.5	55	25	19925	1782.5	1925	1877.5
	50+50	50	19250	1715	1250	1810	55	50	19900	1780	1900	1875
	25+100	25	19225	1712.5	1225	1807.5	50	100	19850	1775	1850	1870
		100	19300	1720	1300	1815	50	25	19925	1782.5	1925	1877.5
	50+75	50	19250	1715	1250	1810	50	75	19875	1777.5	1875	1872.5
		75	19275	1717.5	1275	1812.5	50	50	19900	1780	1900	1875
	50+100	50	19250	1715	1250	1810	45	100	19850	1775	1850	1870
		100	19300	1720	1300	1815	45	50	19900	1780	1900	1875
	75+75	75	19275	1717.5	1275	1812.5	45	75	19875	1777.5	1875	1872.5
	75+100	75	19275	1717.5	1275	1812.5	40	100	19850	1775	1850	1870
		100	19300	1720	1300	1815	40	75	19875	1777.5	1875	1872.5
	100+100	100	19300	1720	1300	1815	35	100	19850	1775	1850	1870
Refsens[2]	25+100	25	19575	1747.5	1575	1842.5	15	100	19850	1775	1850	1870

Note 1: Carriers in increasing frequency order.
Note 2: Test point derived with regard to REFSENS requirements.

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Test frequencies for CA_7A-7A

Test Frequency ID	CC-Combo / NRB_agg [RB]	CC1 Note1					Wgap [MHz]	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]
Max WGap	25+25	25	20775	2502.5	2775	2622.5	60	25	21425	2567.5	3425	2687.5
	25+50	25	20775	2502.5	2775	2622.5	55	50	21400	2565	3400	2685
		50	20800	2505	2800	2625	55	25	21425	2567.5	3425	2687.5
	25+75	25	20775	2502.5	2775	2622.5	50	75	21375	2562.5	3375	2682.5
		75	20825	2507.5	2825	2627.5	50	25	21425	2567.5	3425	2687.5
	50+50	50	20800	2505	2800	2625	50	50	21400	2565	3400	2685
	25+100	25	20775	2502.5	2775	2622.5	45	100	21350	2560	3350	2680
		100	20850	2510	2850	2630	45	25	21425	2567.5	3425	2687.5
	50+75	50	20800	2505	2800	2625	45	75	21375	2562.5	3375	2682.5
		75	20825	2507.5	2825	2627.5	45	50	21400	2565	3400	2685
	50+100	50	20800	2505	2800	2625	40	100	21350	2560	3350	2680
		100	20850	2510	2850	2630	40	50	21400	2565	3400	2685
	75+75	75	20825	2507.5	2825	2627.5	40	75	21375	2562.5	3375	2682.5
	75+100	75	20825	2507.5	2825	2627.5	35	100	21350	2560	3350	2680
		100	20850	2510	2850	2630	35	75	21375	2562.5	3375	2682.5
	100+100	100	20850	2510	2850	2630	30	100	21350	2560	3350	2680
Refsens[2]	75+100	75	21025	2527.5	3025	2647.5	15	100	21350	2560	3350	2680
	100+100	100	21000	2525	3000	2645	15	100	21350	2560	3350	2680
	25+100	25	20975	2522.5	2975	2642.5	25	100	21350	2560	3350	2680
	50+100	50	21000	2525	3000	2645	20	100	21350	2560	3350	2680

Note 1: Carriers in increasing frequency order.
Note 2: Test point derived with regard to REFSENS requirements.

Test frequencies for CA_41A-41A

Test Frequency ID	CC-Combo / NRB_agg [RB]	CC1 Note1			Wgap [MHz]	CC2 Note1		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Max WGap	25+25	25	39675	2498.5	184	25	41565	2687.5
	25+50	25	39675	2498.5	179	50	41540	2685
		50	39700	2501	179	25	41565	2687.5
	25+75	25	39675	2498.5	174	75	41515	2682.5
		75	39725	2503.5	174	25	41565	2687.5
	50+50	50	39700	2501	174	50	41540	2685
	25+100	25	39675	2498.5	169	100	41490	2680
		100	39750	2506	169	25	41565	2687.5
	50+75	50	39700	2501	169	75	41515	2682.5
		75	39725	2503.5	169	50	41540	2685
	50+100	50	39700	2501	164	100	41490	2680
		100	39750	2506	164	50	41540	2685
	75+75	75	39725	2503.5	164	75	41515	2682.5
	75+100	75	39725	2503.5	159	100	41490	2680
		100	39750	2506	159	75	41515	2682.5
	100+100	100	39750	2506	154	100	41490	2680

Note 1: Carriers in increasing frequency order.

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Test frequencies for CA_41C-41A

Test Frequency ID	CC-Combo / NRB_agg [RB]	CC1 Note1			CC2 Note1			Wgap [MHz]	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]
Max WGap	25+25+100	25	39683	2499.3	100	39800	2511	164	25	41565	2687.5
		100	39750	2506	25	39867	2517.7	164.05	25	41565	2687.5
	25+50+100	25	39683	2499.3	100	39800	2511	159	50	41540	2685
		50	39705	2501.5	100	39849	2515.9	159.1	25	41565	2687.5
		100	39750	2506	25	39867	2517.7	159.05	50	41540	2685
		100	39750	2506	50	39894	2520.4	159.1	25	41565	2687.5
	25+75+75	75	39725	2503.5	75	39875	2518.5	159	25	41565	2687.5
	25+75+100	25	39683	2499.3	100	39800	2511	154	75	41515	2682.5
		75	39728	2503.8	100	39899	2520.9	154.1	25	41565	2687.5
		100	39750	2506	25	39867	2517.7	154.05	75	41515	2682.5
		100	39750	2506	75	39921	2523.1	154.15	25	41565	2687.5
	50+50+100	50	39705	2501.5	100	39849	2515.9	154.1	50	41540	2685
		100	39750	2506	50	39894	2520.4	154.1	50	41540	2685
	50+75+75	75	39725	2503.5	75	39875	2518.5	154	50	41540	2685
	25+100+100	25	39683	2499.3	100	39800	2511	149	100	41490	2680
		100	39750	2506	25	39867	2517.7	149.05	100	41490	2680
		100	39750	2506	100	39948	2525.8	149.2	25	41565	2687.5
	50+75+100	50	39705	2501.5	100	39849	2515.9	149.1	75	41515	2682.5
		75	39728	2503.8	100	39899	2520.9	149.1	50	41540	2685
		100	39750	2506	50	39894	2520.4	149.1	75	41515	2682.5
		100	39750	2506	75	39921	2523.1	149.15	50	41540	2685
	75+75+75	75	39725	2503.5	75	39875	2518.5	149	75	41515	2682.5
	50+100+100	50	39705	2501.5	100	39849	2515.9	144.1	100	41490	2680
		100	39750	2506	50	39894	2520.4	144.1	100	41490	2680
		100	39750	2506	100	39948	2525.8	144.2	50	41540	2685
	75+75+100	75	39725	2503.5	75	39875	2518.5	144	100	41490	2680
		75	39728	2503.8	100	39899	2520.9	144.1	75	41515	2682.5
		100	39750	2506	75	39921	2523.1	144.15	75	41515	2682.5
	75+100+100	75	39728	2503.8	100	39899	2520.9	139.1	100	41490	2680
		100	39750	2506	75	39921	2523.1	139.15	100	41490	2680
		100	39750	2506	100	39948	2525.8	139.2	75	41515	2682.5
	100+100+100	100	39750	2506	100	39948	2525.8	134.2	100	41490	2680

Note 1: Carriers in increasing frequency order.

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Test frequencies for CA_41A-41C

Test Frequency ID	CC-Combo / NRB_agg [RB]	CC1 Note1			Wgap [MHz]	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]
Max WGap	25+25+100	25	39675	2498.5	164.05	25	41373	2668.3	100	41490	2680
		25	39675	2498.5	164	100	41440	2675	25	41557	2686.7
	25+50+100	25	39675	2498.5	159.1	50	41346	2665.6	100	41490	2680
		25	39675	2498.5	159.1	100	41391	2670.1	50	41535	2684.5
		50	39700	2501	159.05	25	41373	2668.3	100	41490	2680
		50	39700	2501	159	100	41440	2675	25	41557	2686.7
	25+75+75	25	39675	2498.5	159	75	41365	2667.5	75	41515	2682.5
	25+75+100	25	39675	2498.5	154.15	75	41319	2662.9	100	41490	2680
		25	39675	2498.5	154.1	100	41341	2665.1	75	41512	2682.2
		75	39725	2503.5	154.05	25	41373	2668.3	100	41490	2680
		75	39725	2503.5	154	100	41440	2675	25	41557	2686.7
	50+50+100	50	39700	2501	154.1	50	41346	2665.6	100	41490	2680
		50	39700	2501	154.1	100	41391	2670.1	50	41535	2684.5
	25+100+100	25	39675	2498.5	149.2	100	41292	2660.2	100	41490	2680
		100	39750	2506	149.05	25	41373	2668.3	100	41490	2680
		100	39750	2506	149	100	41440	2675	25	41557	2686.7
	50+75+75	50	39700	2501	154	75	41365	2667.5	75	41515	2682.5
	50+75+100	50	39700	2501	149.15	75	41319	2662.9	100	41490	2680
		50	39700	2501	149.1	100	41341	2665.1	75	41512	2682.2
		75	39725	2503.5	149.1	50	41346	2665.6	100	41490	2680
		75	39725	2503.5	149.1	100	41391	2670.1	50	41535	2684.5
	75+75+75	75	39725	2503.5	149	75	41365	2667.5	75	41515	2682.5
	50+100+100	50	39700	2501	144.2	100	41292	2660.2	100	41490	2680
		100	39750	2506	144.1	50	41346	2665.6	100	41490	2680
		100	39750	2506	144.1	100	41391	2670.1	50	41535	2684.5
	75+75+100	75	39725	2503.5	144.15	75	41319	2662.9	100	41490	2680
		75	39725	2503.5	144.1	100	41341	2665.1	75	41512	2682.2
		100	39750	2506	144	75	41365	2667.5	75	41515	2682.5
	75+100+100	75	39725	2503.5	139.2	100	41292	2660.2	100	41490	2680
		100	39750	2506	139.15	75	41319	2662.9	100	41490	2680
		100	39750	2506	139.1	100	41341	2665.1	75	41512	2682.2
	100+100+100	100	39750	2506	134.2	100	41292	2660.2	100	41490	2680

Note 1: Carriers in increasing frequency order.

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Inter-band Downlink CA (two bands)

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_1A-3A	1			Yes	Yes	Yes	Yes	40	0
	3			Yes	Yes	Yes	Yes		
CA_1A-3C	1			Yes	Yes	Yes	Yes	60	0
	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_1A-5A	1				Yes			20	0
	5				Yes				
	1			Yes	Yes	Yes	Yes	30	1
	5			Yes	Yes				
CA_1A-7A	1			Yes	Yes	Yes	Yes	40	0
	7				Yes	Yes	Yes		
CA_1A-7C	1			Yes	Yes	Yes	Yes	60	0
	7	See CA_7C Bandwidth Combination Set 2 in Table 5.6A.1-1							
CA_1A-8A	1			Yes	Yes	Yes	Yes	30	0
	8			Yes	Yes				
	1			Yes	Yes			20	1
	8			Yes	Yes				
	1			Yes	Yes	Yes	Yes	30	2
	8		Yes	Yes	Yes				
CA_1A-18A	1			Yes	Yes	Yes	Yes	35	0
	18			Yes	Yes	Yes			
	1			Yes	Yes			20	1
	18			Yes	Yes				
CA_1A-19A	1			Yes	Yes	Yes	Yes	35	0
	19			Yes	Yes	Yes			
CA_1A-20A	1			Yes	Yes	Yes	Yes	40	0
	20			Yes	Yes	Yes	Yes		
CA_1A-26A	1			Yes	Yes	Yes	Yes	35	0
	26			Yes	Yes	Yes			
	1			Yes	Yes			20	1
	26			Yes	Yes				
CA_1A-28A	1			Yes	Yes	Yes	Yes	40	0
	28			Yes	Yes	Yes	Yes		
	1			Yes	Yes			20	1
	28			Yes	Yes				
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				
CA_2A-28A	2			Yes	Yes	Yes	Yes	40	0
	28			Yes	Yes	Yes	Yes		

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CA_3A-5A	3				Yes	Yes	Yes	30	0
	5			Yes	Yes				
	3				Yes			20	1
	5			Yes	Yes				
	3			Yes	Yes	Yes	Yes	30	2
	5			Yes	Yes				
	3			Yes	Yes	Yes	Yes	30	3
	5		Yes	Yes	Yes				
CA_3C-5A	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						50	0
	5			Yes	Yes				
CA_3A-7A	3			Yes	Yes	Yes	Yes	40	0
	7				Yes	Yes	Yes		
	3			Yes	Yes	Yes	Yes	40	1
	7			Yes	Yes	Yes	Yes		
CA_3A-7C	3			Yes	Yes	Yes	Yes	60	0
	7	See CA_7C Bandwidth Combination Set 0 in table 5.4.2A.1-1							
	3			Yes	Yes	Yes	Yes	60	1
	7	See CA_7C Bandwidth Combination Set 0 in table 5.4.2A.1-1							
CA_3C-7A	3	See CA_3C Bandwidth Combination Set 0 in table 5.4.2A.1-1						60	0
	7			Yes	Yes	Yes	Yes		
CA_3A-8A	3				Yes	Yes	Yes	30	0
	8			Yes	Yes				
	3				Yes			20	1
	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_3A-19A	3			Yes	Yes	Yes	Yes	35	0
	19			Yes	Yes	Yes			
CA_3A-20A	3			Yes	Yes	Yes	Yes	30	0
	20			Yes	Yes				
	3			Yes	Yes	Yes	Yes	40	1
	20			Yes	Yes	Yes	Yes		
CA_3A-26A	3			Yes	Yes	Yes	Yes	35	0
	26			Yes	Yes	Yes			
	3			Yes	Yes			20	1
	26			Yes	Yes				
CA_3C-28A	3	See CA_3C Bandwidth Combination Set 0 in Table 5.6A.1-1						60	0
	28			Yes	Yes	Yes	Yes		
CA_3A-28A	3			Yes	Yes	Yes	Yes	40	0
	28			Yes	Yes	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				

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CA_4A-7A	4			Yes	Yes			30	0
	7			Yes	Yes	Yes	Yes		
	4			Yes	Yes	Yes	Yes	40	0
	7			Yes	Yes	Yes	Yes		
CA_4A-28A	4			Yes	Yes	Yes	Yes	40	0
	28			Yes	Yes	Yes	Yes		
CA_5A-40A	5			Yes	Yes			30	0
	40			Yes	Yes	Yes	Yes		
	5		Yes	Yes	Yes			30	1
	40			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-8A	7				Yes	Yes	Yes	30	0
	8		Yes	Yes	Yes				
	7				Yes	Yes	Yes	30	1
	8			Yes	Yes				
CA_7A-12A	7			Yes	Yes	Yes	Yes	30	0
	12			Yes	Yes				
CA_7A-20A	7				Yes	Yes	Yes	30	0
	20			Yes	Yes				
	7				Yes	Yes	Yes	40	1
	20			Yes	Yes	Yes	Yes		
CA_7A-28A	7			Yes	Yes	Yes	Yes	35	0
	28			Yes	Yes	Yes			
	7			Yes	Yes	Yes	Yes	40	1
	28			Yes	Yes	Yes	Yes		
CA_7C-28A	7	See CA_7C bandwidth combination set 2 in table 5.4.2A.1-1						60	0
	28			Yes	Yes	Yes	Yes		
CA_8A-40A	8			Yes	Yes			30	0
	40			Yes	Yes	Yes	Yes		
	8		Yes	Yes	Yes			30	1
	40			Yes	Yes	Yes	Yes		
CA_8A-41A	8	Yes	Yes	Yes	Yes			30	0
	41				Yes		Yes		
CA_20A-32A	20			Yes	Yes			30	0
	32			Yes	Yes	Yes	Yes		
CA_28A-40A	28			Yes	Yes	Yes	Yes	40	0
	40			Yes	Yes	Yes	Yes		
CA_28A-40C	28			Yes	Yes	Yes	Yes	60	0
	40	See CA_40C Bandwidth Combination set 1 in Table 5.4.2A.1-1							
CA_39A-41A	39				Yes	Yes	Yes	40	0
	41						Yes		
CA_39A-41C	39				Yes	Yes	Yes	60	0
	41						Yes		
	41						Yes		
CA_39C-41A	39	See CA_39C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						55	0
	41						Yes		
CA_39A-41D	39				Yes	Yes	Yes	80	0
	41						Yes		
	41						Yes		
	41						Yes		
CA_39C-41C	39	See CA_39C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						75	0
	41						Yes		
	41						Yes		

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Inter-band CA (three bands)

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_1A-3A-5A	1			Yes	Yes	Yes	Yes	50	0
	3			Yes	Yes	Yes	Yes		
	5			Yes	Yes				
	1			Yes	Yes			40	1
	3			Yes	Yes	Yes	Yes		
	5			Yes	Yes				
CA_1A-3A-7A	1			Yes	Yes	Yes	Yes	60	0
	3			Yes	Yes	Yes	Yes		
	7				Yes	Yes	Yes		
CA_1A-3A-8A	1			Yes	Yes	Yes	Yes	50	0
	3			Yes	Yes	Yes	Yes		
	8		Yes	Yes	Yes				
	1			Yes	Yes			40	1
	3			Yes	Yes	Yes	Yes		
	8		Yes	Yes	Yes				
	1			Yes	Yes	Yes		40	2
	3			Yes	Yes	Yes			
	8		Yes	Yes	Yes				
	1			Yes	Yes	Yes	Yes	50	3
	3			Yes	Yes	Yes	Yes		
	8			Yes	Yes				
CA_1A-3A-19A	1			Yes	Yes	Yes	Yes	55	0
	3			Yes	Yes	Yes	Yes		
	19			Yes	Yes	Yes			
CA_1A-3A-20A	1			Yes	Yes	Yes	Yes	60	0
	3			Yes	Yes	Yes	Yes		
	20			Yes	Yes	Yes	Yes		
CA_1A-3A-26A	1			Yes	Yes	Yes	Yes	50	0
	3			Yes	Yes	Yes	Yes		
	26			Yes	Yes				
CA_1A-3A-28A	1			Yes	Yes	Yes	Yes	60	0
	3			Yes	Yes	Yes	Yes		
	28			Yes	Yes	Yes	Yes		
CA_1A-5A-7A	1			Yes	Yes			40	0
	5			Yes	Yes				
	7				Yes	Yes	Yes		
	1			Yes	Yes	Yes	Yes	50	1
	5			Yes	Yes				
	7				Yes	Yes	Yes		
CA_1A-7A-20A	1			Yes	Yes	Yes	Yes	50	0
	7				Yes	Yes	Yes		
	20			Yes	Yes				
CA_1A-7A-8A	1			Yes	Yes	Yes	Yes	50	0
	7				Yes	Yes	Yes		
	8			Yes	Yes				

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CA_1A-7A-28A	1			Yes	Yes	Yes	Yes	55	0
	7				Yes	Yes	Yes		
	28			Yes	Yes	Yes			
	1			Yes	Yes	Yes	Yes	60	1
	7				Yes	Yes	Yes		
	28				Yes	Yes	Yes		
CA_1A-7C-28A	1			Yes	Yes	Yes	Yes	80	0
	7	See CA_7C Bandwidth Combination Set 2 in Table 5.6A.1-1							
	28				Yes	Yes	Yes		
CA_3A-7A-8A	3			Yes	Yes	Yes		40	0
	7				Yes	Yes			
	8			Yes	Yes				
	3			Yes	Yes	Yes	Yes	50	1
	7				Yes	Yes	Yes		
	8			Yes	Yes				
CA_3A-7A-20A	3			Yes	Yes	Yes	Yes	60	0
	7				Yes	Yes	Yes		
	20			Yes	Yes	Yes	Yes		
CA_3A-7A-28A	3			Yes	Yes	Yes	Yes	60	0
	7			Yes	Yes	Yes	Yes		
	28			Yes	Yes	Yes	Yes		
CA_3A-7C-28A	3				Yes	Yes	Yes	80	0
	7	See CA_7C Bandwidth Combination Set 2 in Table 5.4.2A.1-1							
	28				Yes	Yes	Yes		
CA_3C-7A-28A	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						80	0
	7				Yes	Yes	Yes		
	28				Yes	Yes	Yes		

Inter-band CA operating bands (four bands)

E-UTRA CA Band	E-UTRA Band	Uplink (UL) operating band BS receive / UE transmit F_{UL_low} – F_{UL_high}			Downlink (DL) operating band BS transmit / UE receive F_{DL_low} – F_{DL_high}			Duplex Mode
1-3-7-28	1	1920 MHz	–	1980 MHz	2110 MHz	–	2170 MHz	FDD
	3	1710 MHz	–	1785 MHz	1805 MHz	–	1880 MHz	
	7	2500 MHz	–	2570 MHz	2620 MHz	–	2690 MHz	
	28	703 MHz	–	748 MHz	758 MHz	–	803 MHz	

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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°C, Max. = 25 °C
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

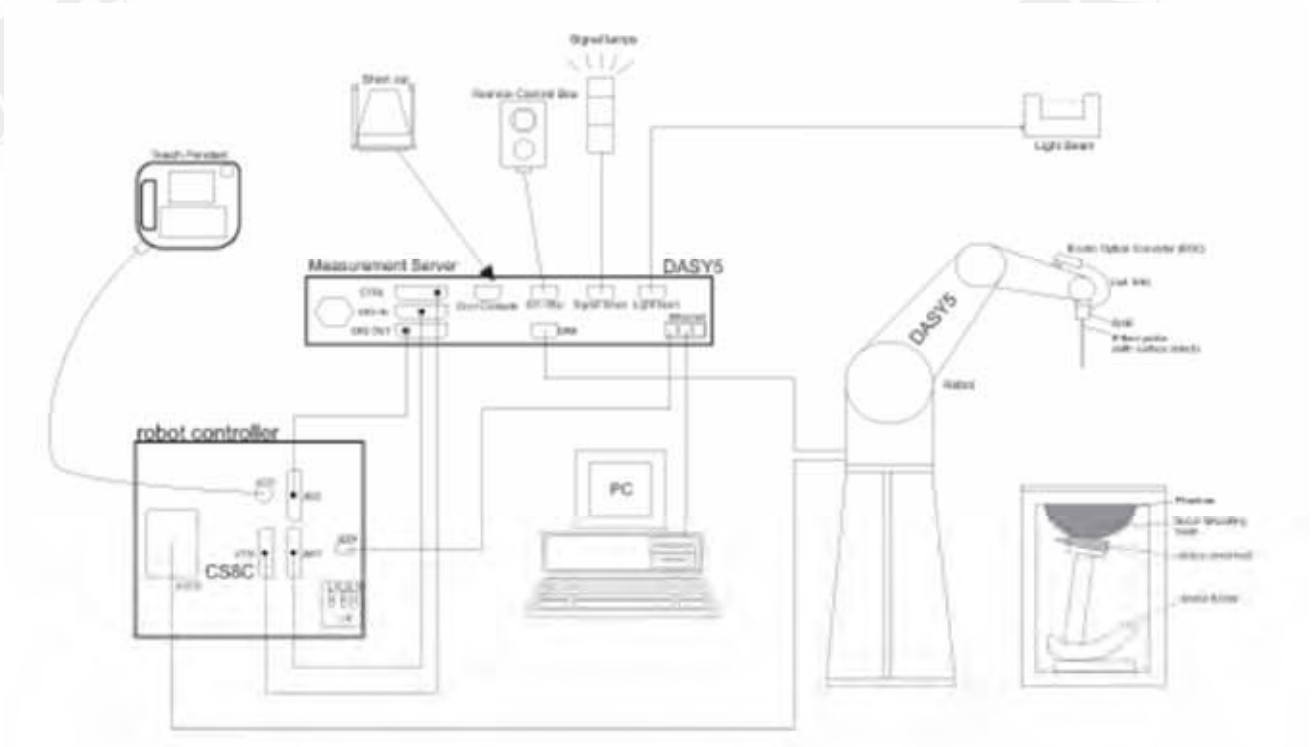
This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY5 professional system). A E-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|2)/ ρ where σ and ρ are the conductivity and mass density of the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

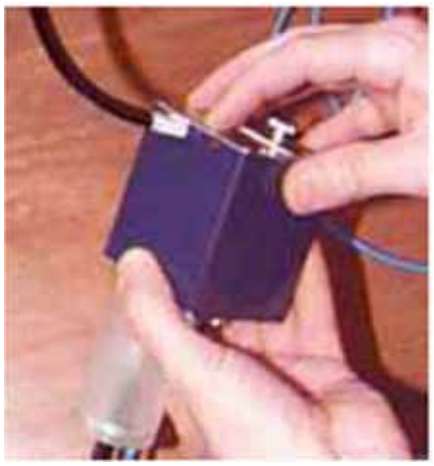
3.2 Isotropic E-field Probe EX3DV4

	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.

$$P_{pwe} = E_{tot}{}^2{}_2 / 3770 \quad \text{or} \quad P_{pwe} = H_{tot}^2 \cdot 37.7$$

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



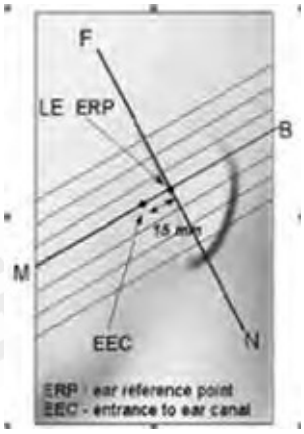
F-3. Front, back, and side views of SAM (model for the phantom shell). Full-head model is for illustration purposes only-procedures in this recommended practice are intended primarily for the phantom setup.

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

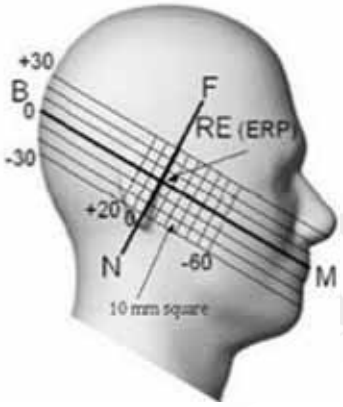


F-4. Sagittally bisected phantom with extended perimeter (shown placed on its side as used for SAR measurements)

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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

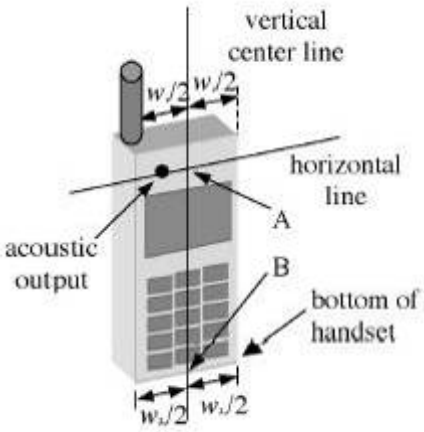


F-6. Side view of the phantom showing relevant markings and seven cross-sectional plane locations

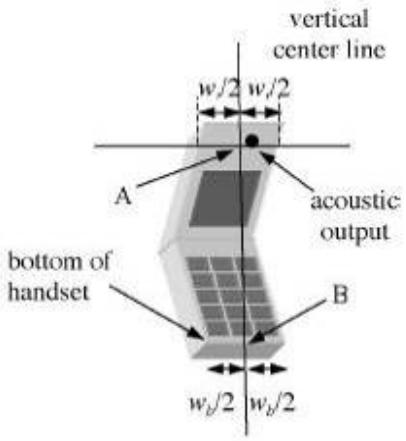
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5.1.2 EUT constructions



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



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

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.

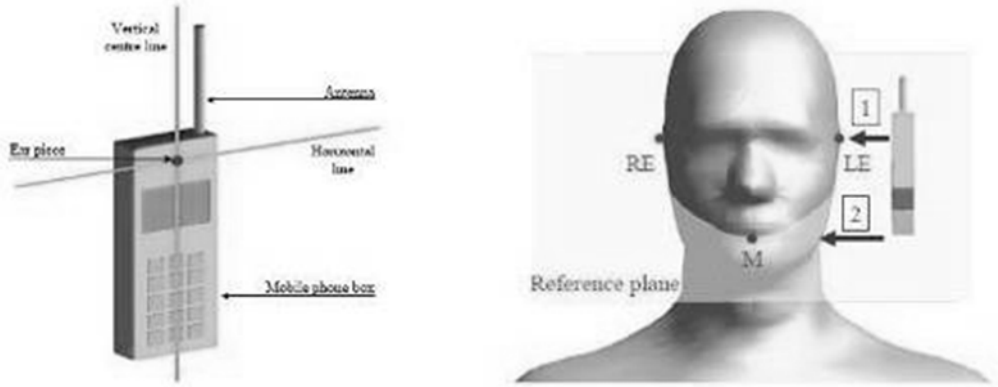
b) Translate the mobile phone box towards the phantom with the ear piece aligned with the line LE-RE until telephone touches the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the box until any point on the front side is in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

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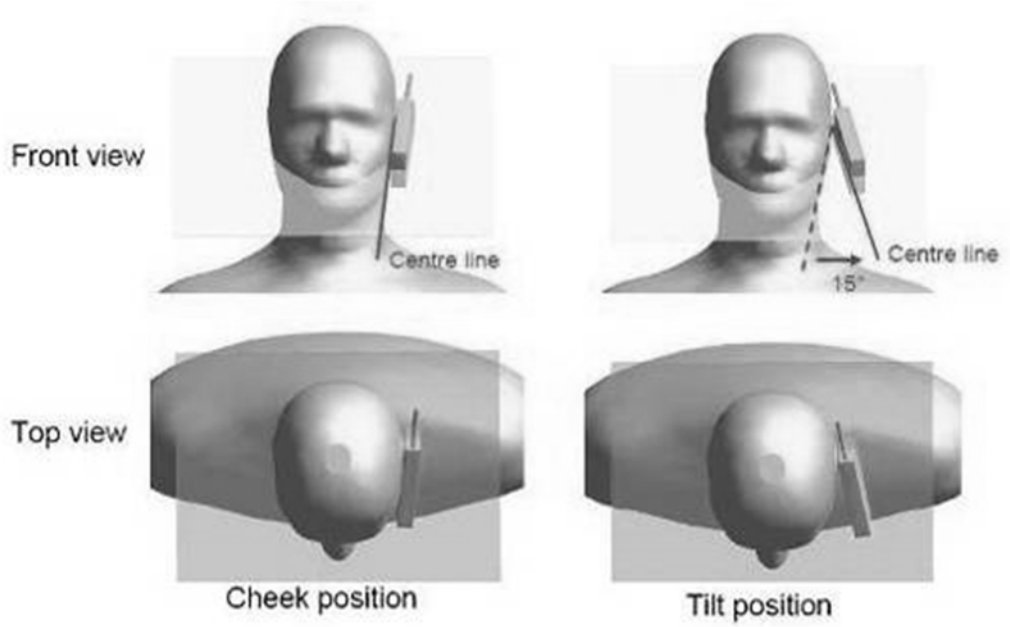
5.1.4 Definition of the "tilted" position

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

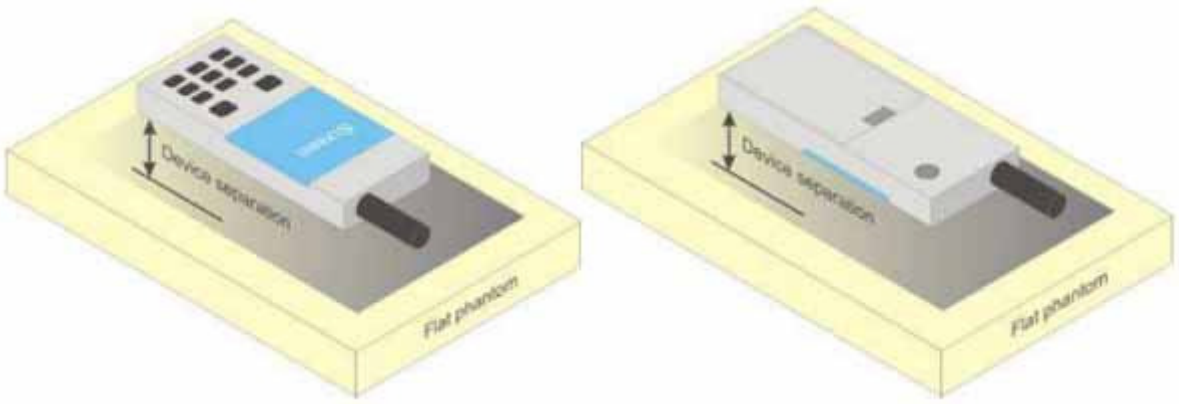
5.2.1 Body-worn accessory exposure conditions

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.

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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)	43.027	0.878	22.1	2018/1/12
750 Head	750	41.9 (39.81~44)	0.89 (0.85~0.94)	43.068	0.873	22.1	2018/1/13
750 Body	750	55.5 (52.73~58.28)	0.96 (0.91~1.00)	55.223	0.955	22.1	2018/1/8
750 Body	750	55.5 (52.73~58.28)	0.96 (0.91~1.00)	55.821	0.943	22.1	2018/1/26
835 Head	835	41.5 (39.43~43.58)	0.90 (0.86~0.95)	40.849	0.886	22.1	2018/1/11
835 Head	835	41.5 (39.43~43.58)	0.90 (0.86~0.95)	40.83	0.887	22.1	2018/1/14
835 Body	835	55.2 (52.44~57.96)	0.97 (0.92~1.02)	56.261	1	22.1	2018/1/6
835 Body	835	55.2 (52.44~57.96)	0.97 (0.92~1.02)	53.955	0.98	22.1	2018/1/7
835 Body	835	55.2 (52.44~57.96)	0.97 (0.92~1.02)	53.807	0.985	22.1	2018/1/25
835 Body	835	55.2 (52.44~57.96)	0.97 (0.92~1.02)	56.316	0.992	22.1	2018/1/27
1750 Head	1750	40.1 (38.10~42.11)	1.37 (1.30~1.44)	40.794	1.33	22.2	2018/1/9
1750 Head	1750	40.1 (38.10~42.11)	1.37 (1.30~1.44)	40.413	1.318	22.2	2018/1/24
1750 Body	1750	53.4 (50.73~56.07)	1.49 (1.42~1.56)	52.159	1.493	22.2	2018/1/10
1750 Body	1750	53.4 (50.73~56.07)	1.49 (1.42~1.56)	52.203	1.493	22.2	2018/1/30
1900 Head	1900	40.0 (38.00~42.00)	1.40 (1.33~1.47)	41.79	1.413	22.3	2018/1/8
1900 Head	1900	40.0 (38.00~42.00)	1.40 (1.33~1.47)	40.029	1.362	22.3	2018/1/23
1900 Body	1900	53.3 (50.64~55.97)	1.52 (1.44~1.60)	53.84	1.514	22.3	2018/1/7
1900 Body	1900	53.3 (50.64~55.97)	1.52 (1.44~1.60)	52.421	1.519	22.3	2018/1/28
1900 Body	1900	53.3 (50.64~55.97)	1.52 (1.44~1.60)	53.897	1.523	22.3	2018/1/29
2300 Head	2300	39.5 (37.53~41.48)	1.67 (1.59~1.75)	40.475	1.645	22.0	2018/1/12

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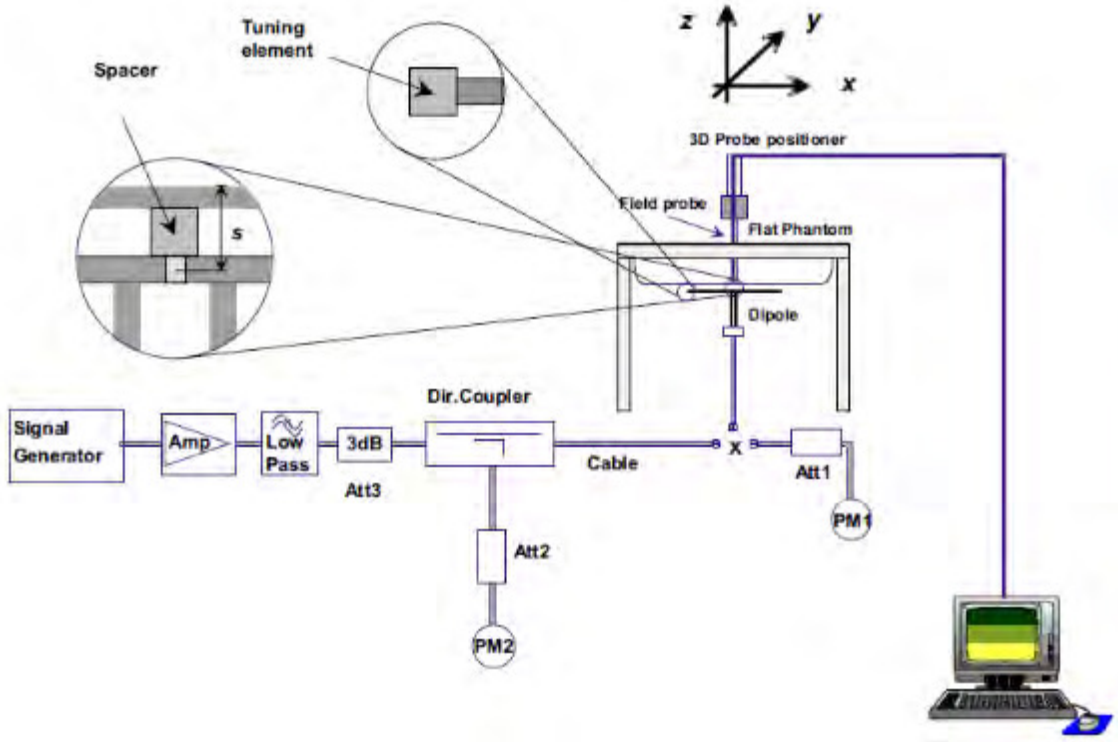
2300 Head	2300	39.5 (37.53~41.48)	1.67 (1.59~1.75)	40.496	1.639	22.0	2018/1/15
2300 Body	2300	52.9 (50.26~55.55)	1.81 (1.72~1.90)	53.148	1.775	22.0	2018/1/10
2300 Body	2300	52.9 (50.26~55.55)	1.81 (1.72~1.90)	51.259	1.746	22.0	2018/1/17
2450 Head	2450	39.20 (37.24~41.16)	1.80 (1.71~1.89)	39.901	1.826	22	2018/1/22
2450 Head	2450	39.20 (37.24~41.16)	1.80 (1.71~1.89)	39.924	1.819	22	2018/1/24
2450 Body	2450	52.70 (50.07~55.34)	1.95 (1.85~2.05)	52.683	1.969	22	2018/1/22
2450 Body	2450	52.70 (50.07~55.34)	1.95 (1.85~2.05)	52.708	1.97	22	2018/1/23
2600 Head	2600	39.0 (37.05~40.95)	1.96 (1.86~2.06)	39.388	2	22.1	2018/1/11
2600 Head	2600	39.0 (37.05~40.95)	1.96 (1.86~2.06)	39.429	1.994	22.1	2018/1/16
2600 Body	2600	52.50 (49.88~55.13)	2.16 (2.05~2.27)	50.306	2.115	22.1	2018/1/9
2600 Body	2600	52.50 (49.88~55.13)	2.16 (2.05~2.27)	50.335	2.127	22.2	2018/1/10
2600 Body	2600	52.50 (49.88~55.13)	2.16 (2.05~2.27)	52.093	2.158	22.2	2018/1/18
2600 Body	2600	52.50 (49.88~55.13)	2.16 (2.05~2.27)	52.234	2.161	22.2	2018/1/19
2600 Body	2600	52.50 (49.88~55.13)	2.16 (2.05~2.27)	52.248	2.162	22.2	2018/1/20
5250 Head	5250	35.9 (34.11~37.70)	4.71 (4.47~4.95)	36.011	4.767	22.2	2018/1/31
5250 Body	5250	48.9 (46.46~51.35)	5.36 (5.09~5.63)	48.118	5.421	22.2	2018/2/1
5250 Body	5250	48.9 (46.46~51.35)	5.36 (5.09~5.63)	48.002	5.377	22.2	2018/2/2
5600 Head	5600	35.5 (33.73~37.28)	5.07 (4.82~5.32)	35.059	5.157	22.2	2018/1/31
5600 Body	5600	48.5 (46.08~50.93)	5.77 (5.48~6.06)	47.152	5.842	22.2	2018/2/1
5600 Body	5600	48.5 (46.08~50.93)	5.77 (5.48~6.06)	47.027	5.821	22.2	2018/2/2
5750 Head	5750	35.4 (33.63~37.17)	5.22 (4.96~5.48)	34.695	5.329	22.2	2018/1/31
5750 Body	5750	48.3 (45.89~50.72)	5.94 (5.64~6.24)	46.833	6.009	22.2	2018/2/1
5750 Body	5750	48.3 (45.89~50.72)	5.94 (5.64~6.24)	46.742	5.978	22.2	2018/2/2

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 (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)		
D750V2	Head	1.95	1.29	7.8	5.16	8.17 (7.35~8.99)	5.36 (4.82~5.9)	22.1	2018/1/12
	Head	1.94	1.28	7.76	5.12	8.17 (7.35~8.99)	5.36 (4.82~5.9)	22.1	2018/1/13
	Body	2.11	1.41	8.44	5.64	8.57 (7.71~9.43)	5.66 (5.09~6.23)	22.1	2018/1/8
	Body	2.09	1.39	8.36	5.56	8.57 (7.71~9.43)	5.66 (5.09~6.23)	22.1	2018/1/26
D835V2	Head	2.43	1.58	9.72	6.32	9.59 (8.63~10.55)	6.29 (5.66~6.92)	22.1	2018/1/11
	Head	2.42	1.61	9.68	6.44	9.59 (8.63~10.55)	6.29 (5.66~6.92)	22.1	2018/1/14
	Body	2.51	1.66	10.04	6.64	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2018/1/6
	Body	2.58	1.71	10.32	6.84	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2018/1/7
	Body	2.54	1.67	10.16	6.68	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2018/1/25
	Body	2.49	1.64	9.96	6.56	9.65 (8.69~10.62)	6.46 (5.81~7.11)	22.1	2018/1/27
D1750V2	Head	8.82	4.73	35.28	18.92	36.7 (33.03~40.37)	19.5 (17.55~21.45)	22.2	2018/1/9
	Head	8.74	4.69	34.96	18.76	36.7 (33.03~40.37)	19.5 (17.55~21.45)	22.2	2018/1/24
	Body	9.5	5.05	38	20.2	37 (33.30~40.70)	19.7 (17.73~21.67)	22.2	2018/1/10
	Body	9.52	5.06	38.08	20.24	37 (33.30~40.70)	19.7 (17.73~21.67)	22.2	2018/1/30
D1900V2	Head	10.5	5.42	42	21.68	40.7 (36.63~44.77)	21.1 (18.99~23.21)	22.3	2018/1/8
	Head	10.1	5.22	40.4	20.88	40.7 (36.63~44.77)	21.1 (18.99~23.21)	22.3	2018/1/23
	Body	10.3	5.45	41.2	21.8	41.6 (37.44~45.76)	21.4 (19.26~23.54)	22.3	2018/1/7
	Body	10.3	5.46	41.2	21.84	41.6 (37.44~45.76)	21.4 (19.26~23.54)	22.3	2018/1/28
	Body	10.4	5.48	41.6	21.92	41.6 (37.44~45.76)	21.4 (19.26~23.54)	22.3	2018/1/29
D2300V2	Head	12.3	5.85	49.2	23.4	48.1 (43.29~52.91)	23.1 (20.79~25.41)	22.0	2018/1/12
	Head	12.2	5.83	48.8	23.32	48.1 (43.29~52.91)	23.1 (20.79~25.41)	22.0	2018/1/15
	Body	11.6	5.64	46.4	22.56	47.5 (42.75~52.25)	22.9 (20.61~25.19)	22.0	2018/1/10
	Body	11.4	5.55	45.6	22.2	47.5 (42.75~52.25)	22.9 (20.61~25.19)	22.0	2018/1/17
D2450V2	Head	13.3	6.16	53.2	24.64	53.1 (47.79~58.41)	24.9 (22.41~27.39)	22	2018/1/22
	Head	12.9	6.16	51.6	24.64	53.1 (47.79~58.41)	24.9 (22.41~27.39)	22	2018/1/24
	Body	12.6	5.93	50.4	23.72	51.0 (45.9~56.1)	23.5 (21.15~25.85)	22	2018/1/22
	Body	12.8	5.94	51.2	23.76	51.0 (45.9~56.1)	23.5 (21.15~25.85)	22	2018/1/23

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D2600V2	Head	14.2	6.25	56.8	25	56.6 (50.94~62.26)	25.4 (22.86~27.94)	22.1	2018/1/11
	Head	14.1	6.21	56.4	24.84	56.6 (50.94~62.26)	25.4 (22.86~27.94)	22.1	2018/1/16
	Body	13.9	6.29	55.6	25.16	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.1	2018/1/9
	Body	14	6.33	56	25.32	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.2	2018/1/10
	Body	13.4	6.08	53.6	24.32	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.2	2018/1/18
	Body	13.3	6.02	53.2	24.08	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.2	2018/1/19
	Body	13.3	6.03	53.2	24.12	54.2 (48.78~59.62)	24.3 (21.87~26.73)	22.2	2018/1/20
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)	7.08	2.01	70.8	20.1	76.6 (68.94~84.26)	21.9 (19.71~24.09)	22.2	2018/1/31
	Body(5.25GHz)	8.11	2.21	81.1	22.1	75.6 (68.04~83.16)	21.3 (19.17~23.43)	22.2	2018/2/1
	Body(5.25GHz)	8.08	2.19	80.8	21.9	75.6 (68.04~83.16)	21.3 (19.17~23.43)	22.2	2018/2/2
	Head(5.6GHz)	7.9	2.23	79	22.3	80.4 (72.36~88.44)	22.8 (20.52~25.08)	22.2	2018/1/31
	Body(5.6GHz)	8.71	2.4	87.1	24	81.1 (72.99~89.21)	22.9 (20.61~25.19)	22.2	2018/2/1
	Body(5.6GHz)	8.67	2.38	86.7	23.8	81.1 (72.99~89.21)	22.9 (20.61~25.19)	22.2	2018/2/2
	Head(5.75GHz)	8.12	2.31	81.2	23.1	80 (72~88)	22.7 (20.43~24.97)	22.2	2018/1/31
	Body(5.75GHz)	7.15	1.94	71.5	19.4	74.8 (67.32~82.28)	21 (18.9~23.1)	22.2	2018/2/1
	Body(5.75GHz)	7.12	1.92	71.2	19.2	74.8 (67.32~82.28)	21 (18.9~23.1)	22.2	2018/2/2

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_{ec} (SF)	β_{ed} (code)	CM(2) (dB)	MPR (dB)	AG(4) Index	E-TFCI
1	11/15(3)	15/15(3)	64	11/15(3)	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	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	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15(4)	15/15(4)	64	15/15(4)	30/15	24/15	134/15	4	1	1.0	0.0	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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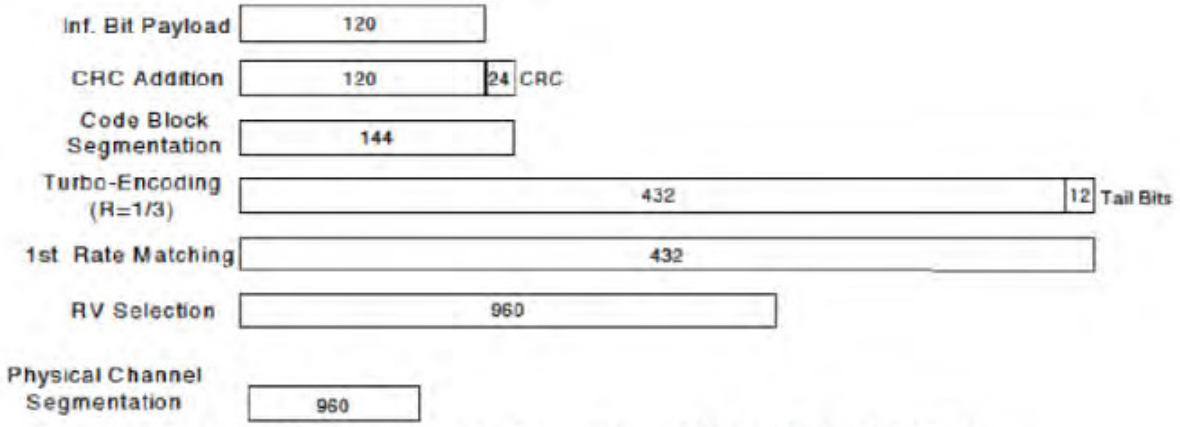


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

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 $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$. 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 $\beta_c = 11/15$ and $\beta_d = 15/15$.

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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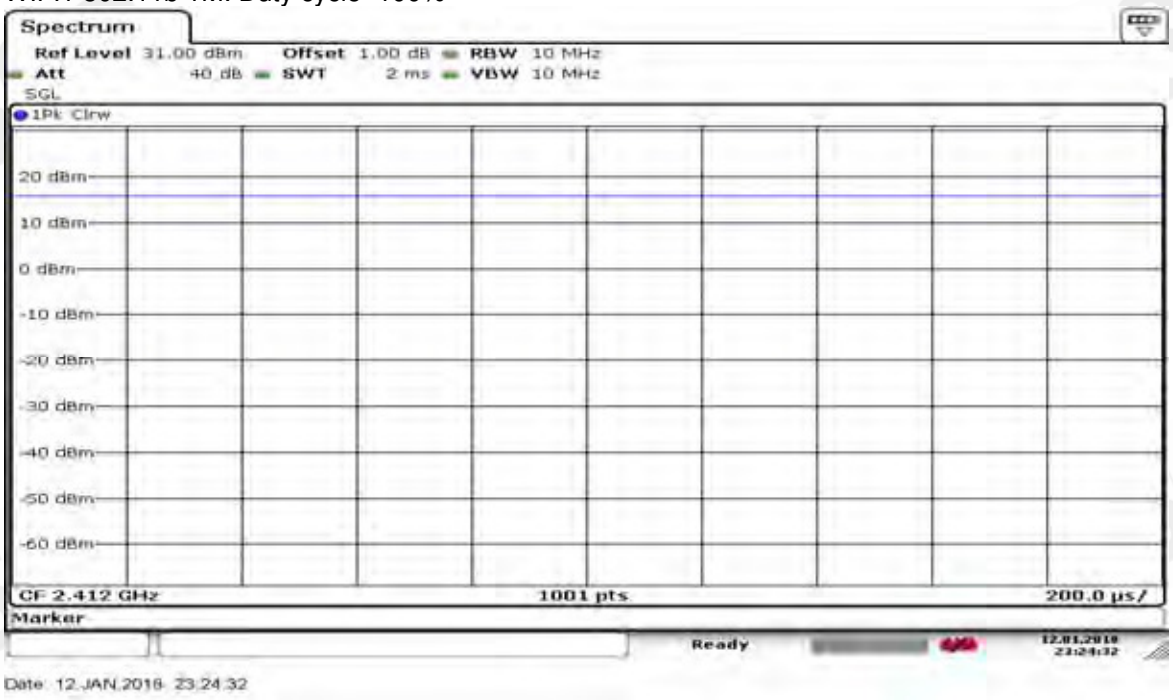
7.2.3 WiFi Test Configuration

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

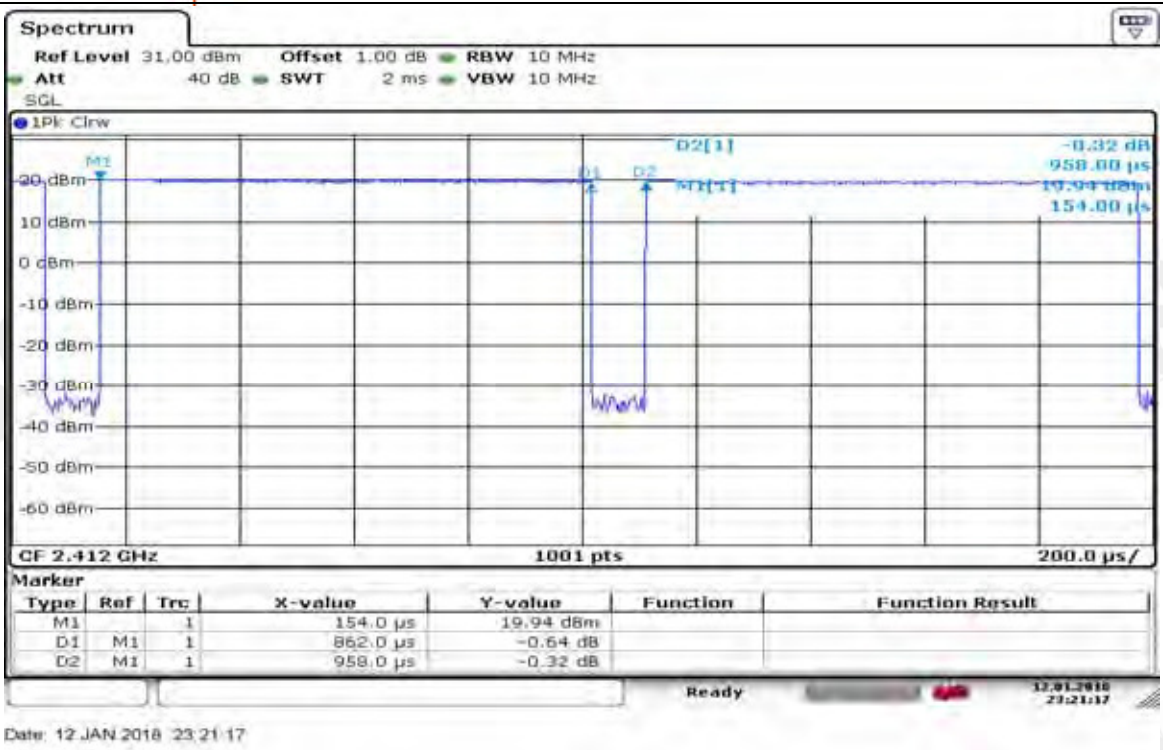
1) 2.4GHz Wi-Fi 802.11b:

WIFI1 802.11b 1M: Duty cycle=100%



WIFI1 802.11b 11M: Duty cycle=0.862/0.958=89.98%

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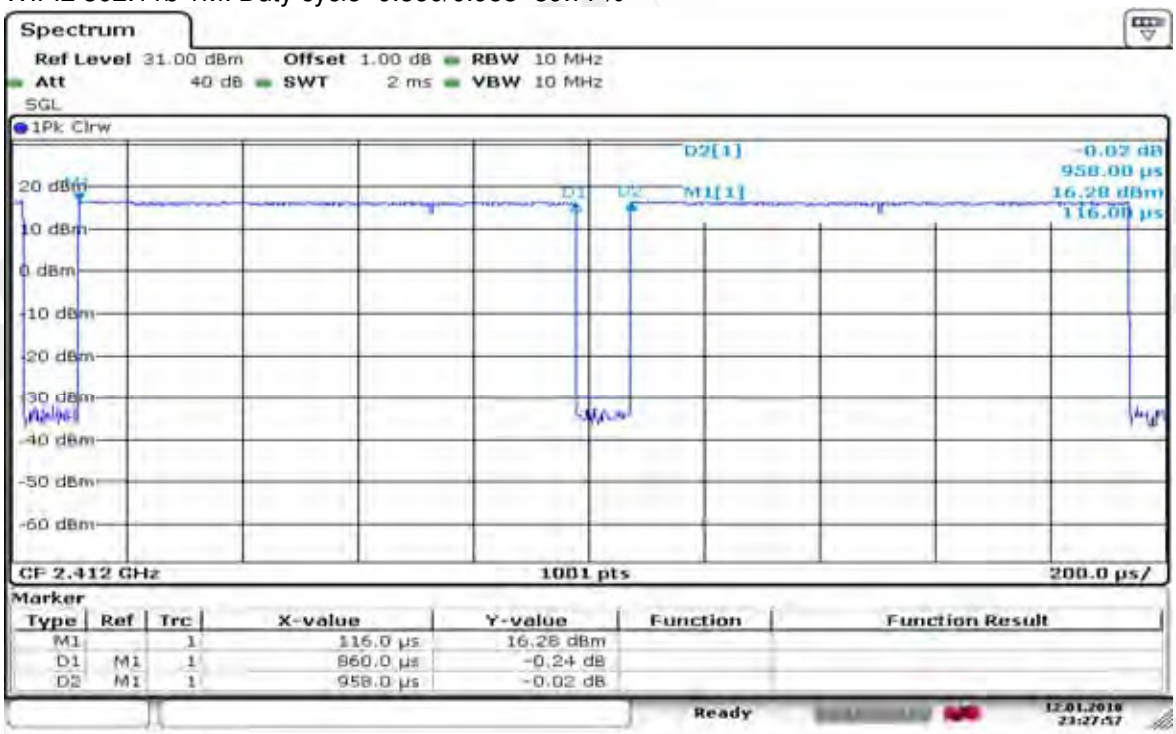


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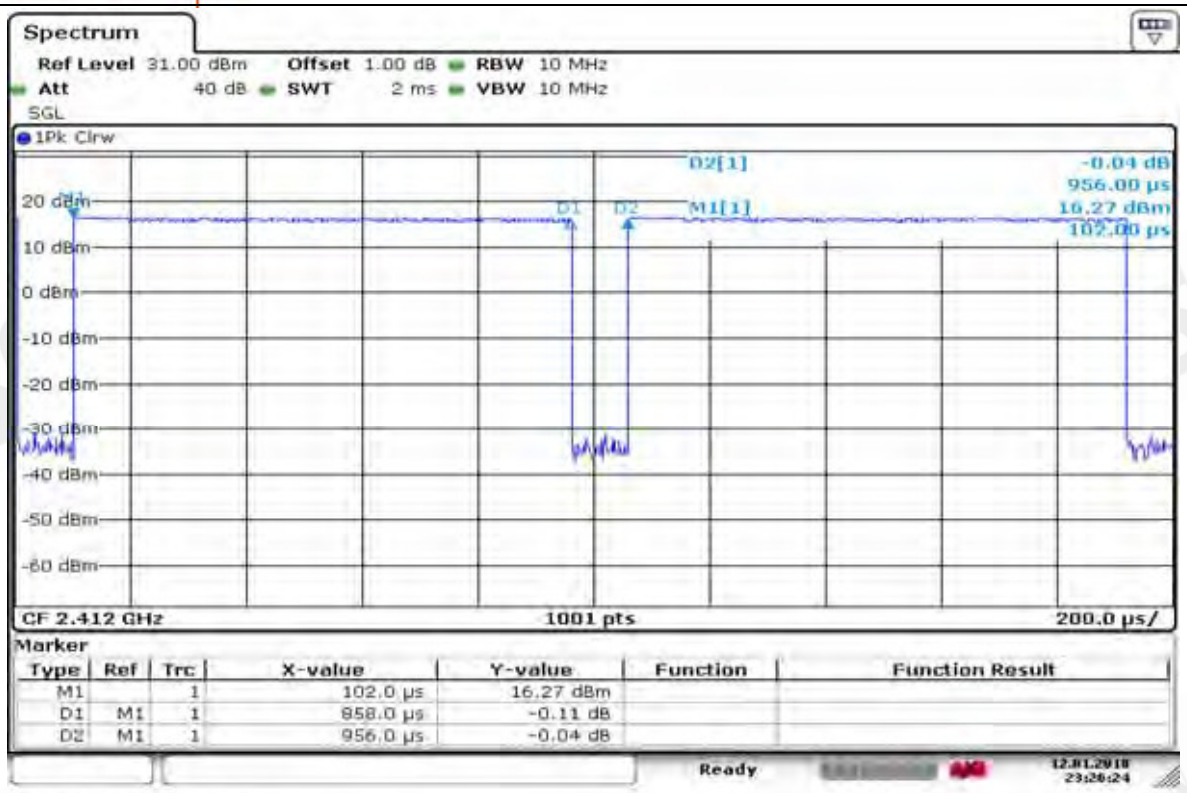
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WIFI2 802.11b 1M: Duty cycle=0.860/0.958=89.77%



WIFI2 802.11b 11M: Duty cycle=0.858/0.956=89.75%

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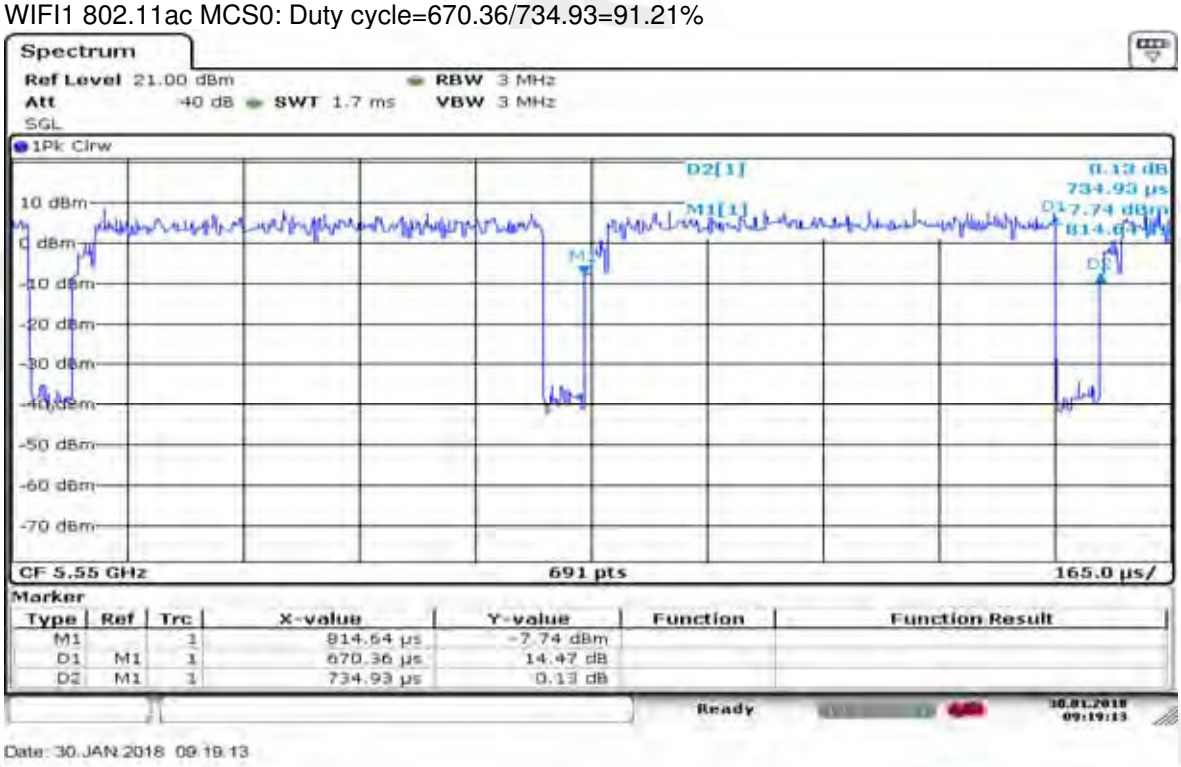
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2) 5GHz Wi-Fi 802.11a:

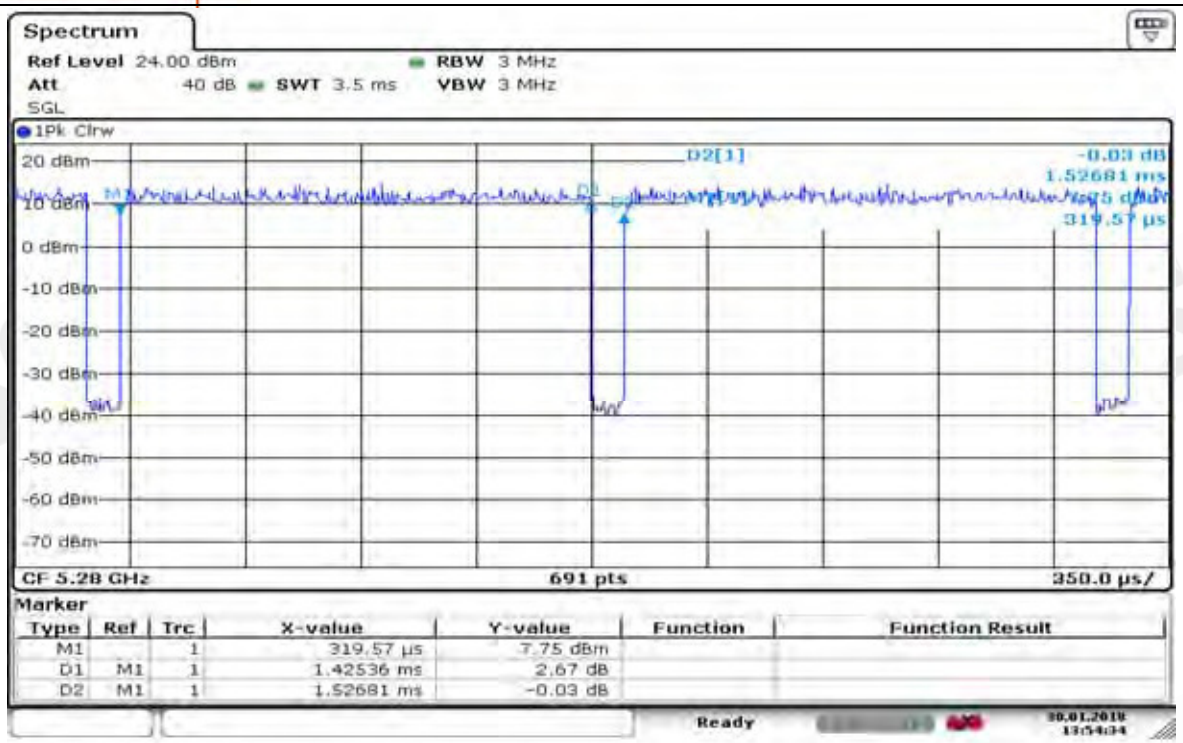
WIFI1 802.11ac MCS0: Duty cycle=670.36/734.93=91.21%



WIFI1 802.11a 6M: Duty cycle=1.42536/1.52681=93.36%

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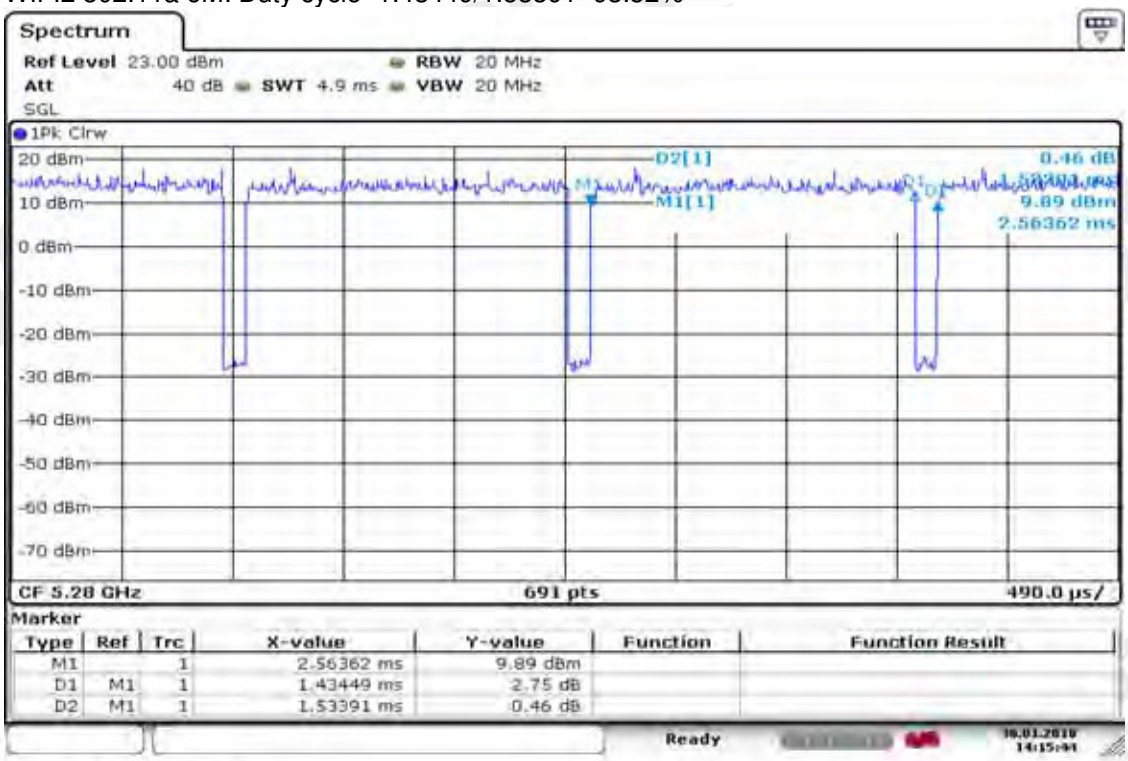


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WIFI2 802.11a 6M: Duty cycle=1.43449/1.53391=93.52%



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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.

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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 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.

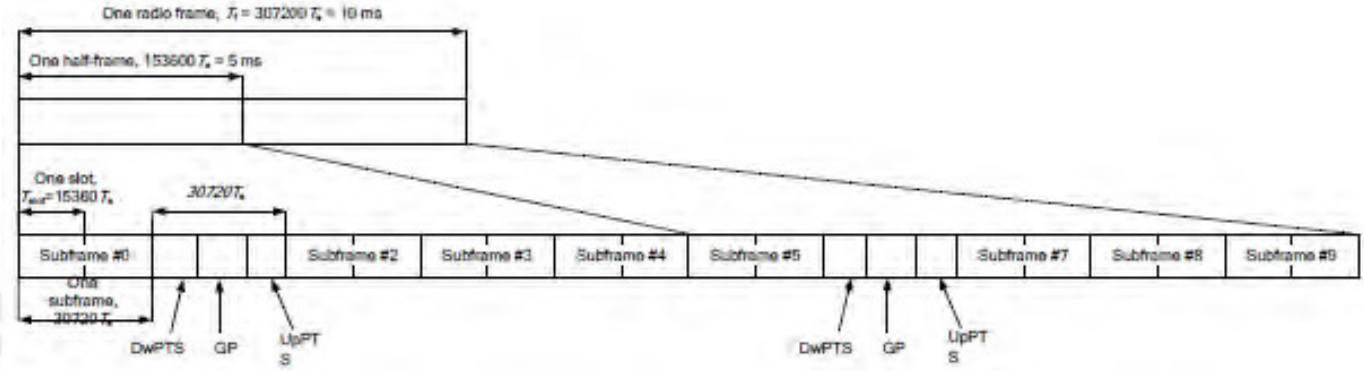
TDD LTE test consideration

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 Main Antenna

8.1.1.1 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	32.38	32.57	32.49	33.8	-9.19	23.19	23.38	23.3	24.61
GPRS/EGPRS (GMSK)	1 TX Slot	32.41	32.57	32.53	33.8	-9.19	23.22	23.38	23.34	24.61
	2 TX Slots	30.5	30.64	30.53	31.8	-6.18	24.32	24.46	24.35	**25.62**
	3 TX Slots	28.4	28.55	28.51	29.8	-4.42	23.98	24.13	24.09	25.38
	4 TX Slots	26.24	26.46	26.41	27.8	-3.17	23.07	23.29	23.24	24.63
EGPRS(8PSK)	1 TX Slot	27.04	27.13	27.16	27.8	-9.19	17.85	17.94	17.97	18.61
	2 TX Slots	25.2	25.32	25.33	25.8	-6.18	19.02	19.14	19.15	19.62
	3 TX Slots	22.79	22.98	22.93	23.8	-4.42	18.37	18.56	18.51	19.38
	4 TX Slots	20.82	21.06	21.04	21.8	-3.17	17.65	17.89	17.87	18.63

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	29.98	29.91	29.93	31	-9.19	20.79	20.72	20.74	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.99	29.89	29.92	31	-9.19	20.8	20.7	20.73	21.81
	2 TX Slots	27.92	27.77	27.7	29	-6.18	21.74	21.59	21.52	**22.82**
	3 TX Slots	25.85	25.74	25.62	27	-4.42	21.43	21.32	21.2	22.58
	4 TX Slots	23.69	23.59	23.47	25	-3.17	20.52	20.42	20.3	21.83
EGPRS(8PSK)	1 TX Slot	26.42	26.32	26.27	27	-9.19	17.23	17.13	17.08	17.81
	2 TX Slots	23.98	23.92	23.91	24	-6.18	17.8	17.74	17.73	17.82
	3 TX Slots	21.97	21.82	21.72	22	-4.42	17.55	17.4	17.3	17.58
	4 TX Slots	19.78	19.71	19.63	20	-3.17	16.61	16.54	16.46	16.83

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GSM 1900 Hotspot 2.4G										
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	26.12	26.03	25.89	27	-9.19	16.93	16.84	16.7	17.81
GPRS/EGPRS (GMSK)	1 TX Slot	26.13	26.01	25.92	27	-9.19	16.94	16.82	16.73	17.81
	2 TX Slots	24.06	23.92	23.82	25	-6.18	17.88	17.74	17.64	**18.82**
	3 TX Slots	22.07	21.86	21.84	23	-4.42	17.65	17.44	17.42	18.58
	4 TX Slots	19.97	19.87	19.73	21	-3.17	16.8	16.7	16.56	17.83
EGPRS(8PSK)	1 TX Slot	22.22	22.06	22.03	23	-9.19	13.03	12.87	12.84	13.81
	2 TX Slots	19.98	19.94	19.89	20	-6.18	13.8	13.76	13.71	13.82
	3 TX Slots	17.96	17.96	17.94	18	-4.42	13.54	13.54	13.52	13.58
	4 TX Slots	15.82	15.8	15.78	16	-3.17	12.65	12.63	12.61	12.83

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	23.58	23.47	23.38	24.5
	12.2kbps AMR	23.52	23.42	23.34	24.5
HSDPA	Subtest 1	22.92	22.74	22.86	24
	Subtest 2	22.59	22.51	22.53	23
	Subtest 3	22.15	21.76	22.08	22.5
	Subtest 4	22.06	21.58	21.98	22.5
HSUPA	Subtest 1	22.02	21.98	21.97	22.5
	Subtest 2	19.04	18.88	18.92	19.5
	Subtest 3	21.16	21.08	21.21	21.5
	Subtest 4	19.78	19.86	18.62	20
	Subtest 5	21.99	21.92	21.99	22.5
DC-HSDPA	Subtest 1	22.87	22.69	22.8	24
	Subtest 2	22.51	22.37	22.42	23
	Subtest 3	22.03	21.75	22.02	22.5
	Subtest 4	21.93	21.56	21.89	22.5

WCDMA Band II Hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.05	17.96	17.84	19
	12.2kbps AMR	18.01	17.92	17.82	19
HSDPA	Subtest 1	17.36	17.16	17.25	18.5
	Subtest 2	16.01	15.81	15.98	17.5
	Subtest 3	15.98	15.77	15.91	17
	Subtest 4	16.02	15.8	15.89	17
HSUPA	Subtest 1	16.48	16.38	16.4	17
	Subtest 2	13.51	13.38	13.41	14
	Subtest 3	15.48	15.38	15.41	16
	Subtest 4	13.82	13.91	13.73	14.5
	Subtest 5	16.48	16.38	16.41	17
DC-HSDPA	Subtest 1	17.36	17.09	17.17	18.5
	Subtest 2	15.92	15.75	15.87	17.5
	Subtest 3	15.91	15.68	15.87	17
	Subtest 4	15.94	15.7	15.84	17

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WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.96	22.92	22.94	24
	12.2kbps AMR	22.93	22.89	22.91	24
HSDPA	Subtest 1	22.16	21.94	21.89	23.5
	Subtest 2	21.93	21.6	21.74	22.5
	Subtest 3	21.37	20.98	21.08	22
	Subtest 4	21.35	20.87	20.97	22
HSUPA	Subtest 1	21.32	21.23	21.26	22
	Subtest 2	19.01	18.95	18.93	19.5
	Subtest 3	19.76	19.82	19.79	20
	Subtest 4	19.81	19.86	19.82	20
	Subtest 5	21.33	21.26	21.27	22
DC-HSDPA	Subtest 1	22.16	21.93	21.84	23.5
	Subtest 2	21.89	21.59	21.6	22.5
	Subtest 3	21.26	20.97	20.99	22
	Subtest 4	21.24	20.86	20.84	22

WCDMA Band IV Hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.95	18.89	18.93	20
	12.2kbps AMR	18.92	18.86	18.89	20
HSDPA	Subtest 1	18.12	17.97	17.99	19.5
	Subtest 2	17.07	16.7	16.91	18.5
	Subtest 3	16.92	16.89	16.93	18
	Subtest 4	17.01	16.82	16.85	18
HSUPA	Subtest 1	17.34	17.25	17.25	18
	Subtest 2	14.82	14.86	14.91	15.5
	Subtest 3	15.33	15.23	15.25	16
	Subtest 4	15.35	15.25	15.22	16
	Subtest 5	17.31	17.17	17.19	18
DC-HSDPA	Subtest 1	18.03	17.95	17.98	19.5
	Subtest 2	17.03	16.68	16.88	18.5
	Subtest 3	16.81	16.88	16.82	18
	Subtest 4	16.92	16.8	16.83	18

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WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.47	23.51	23.49	24.5
	12.2kbps AMR	23.43	23.49	23.46	24.5
HSDPA	Subtest 1	22.82	22.87	22.69	24.5
	Subtest 2	22.37	22.41	22.18	24
	Subtest 3	21.72	21.74	21.54	23.5
	Subtest 4	21.64	21.66	21.59	23.5
HSUPA	Subtest 1	22.53	22.56	22.55	24
	Subtest 2	20.56	20.54	20.53	21.5
	Subtest 3	21.55	21.56	21.53	22
	Subtest 4	20.03	20.16	20.08	21
	Subtest 5	21.54	21.54	21.53	22.5
DC-HSDPA	Subtest 1	22.78	22.85	22.62	24.5
	Subtest 2	22.26	22.33	22.09	24
	Subtest 3	21.61	21.68	21.48	23.5
	Subtest 4	21.6	21.63	21.54	23.5

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	22.94	22.92	22.86	24
		1	2	22.56	22.42	22.23	24
		1	5	22.97	22.95	22.97	24
		3	0	22.88	22.82	22.81	24
		3	2	22.7	22.8	22.64	24
		3	3	22.84	22.78	22.87	24
		6	0	21.91	21.8	21.89	23
	16QAM	1	0	22.14	22.22	22.11	23
		1	2	21.9	21.96	21.85	23
		1	5	22.19	22.24	22.12	23
		3	0	21.98	21.94	21.89	23
		3	2	21.63	21.62	21.79	23
		3	3	21.97	21.96	21.88	23
		6	0	20.96	20.81	20.88	22
	64QAM	1	0	21.02	20.73	20.65	22
		1	2	20.52	20.47	20.18	22
		1	5	20.9	20.87	20.71	22
		3	0	20.87	20.82	20.73	22
		3	2	20.47	20.56	20.13	22
		3	3	20.77	20.83	20.8	22
		6	0	19.62	19.51	19.37	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23	22.95	22.95	24
		1	7	22.55	22.41	22.37	24
		1	14	22.95	22.89	22.96	24
		8	0	21.92	21.86	21.85	23
		8	4	21.9	21.83	21.87	23
		8	7	21.88	21.84	21.85	23
		15	0	21.96	21.89	21.85	23
	16QAM	1	0	22.35	22.26	22.24	23
		1	7	21.72	21.57	21.76	23
		1	14	22.21	22.14	22.17	23
		8	0	20.85	20.8	20.84	22
		8	4	20.92	20.76	20.78	22
		8	7	20.86	20.79	20.74	22
		15	0	20.87	20.83	20.79	22
	64QAM	1	0	20.97	20.84	20.76	22
		1	7	20.56	20.49	20.13	22
		1	14	20.93	20.78	20.68	22
		8	0	19.68	19.66	19.59	21
		8	4	19.6	19.56	19.44	21
		8	7	19.6	19.48	19.53	21
		15	0	19.68	19.55	19.53	21
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.98	22.92	22.94	24
		1	13	22.97	22.93	22.91	24
		1	24	22.9	22.89	22.95	24
		12	0	22.03	21.95	21.92	23
		12	6	21.87	21.89	21.84	23
		12	13	21.96	21.9	21.92	23
		25	0	21.93	21.88	21.89	23
	16QAM	1	0	22.2	22.23	22.16	23
		1	13	22.18	22.12	22.05	23
		1	24	22.16	22.19	22.21	23
		12	0	20.94	20.94	20.88	22
		12	6	20.9	20.87	20.84	22
		12	13	20.97	20.92	20.91	22
		25	0	20.86	20.84	20.79	22
	64QAM	1	0	20.99	20.72	20.75	22
		1	13	20.48	20.65	20.18	22
		1	24	20.84	20.84	20.79	22
		12	0	19.71	19.65	19.45	21
		12	6	19.62	19.46	19.44	21
		12	13	19.61	19.51	19.56	21
		25	0	19.61	19.45	19.36	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	22.99	22.93	22.95	24
		1	25	22.79	22.86	22.83	24
		1	49	22.95	22.88	22.92	24
		25	0	21.94	21.93	21.96	23
		25	13	21.92	21.87	21.89	23
		25	25	21.93	21.93	21.94	23
		50	0	21.96	21.96	21.9	23
	16QAM	1	0	22.24	22.3	22.23	23
		1	25	21.96	21.95	21.92	23
		1	49	22.21	22.13	22.26	23
		25	0	20.95	20.93	20.93	22
		25	13	20.88	20.87	20.9	22
		25	25	20.88	20.84	20.84	22
		50	0	20.85	20.85	20.85	22
	64QAM	1	0	20.98	20.73	20.69	22
		1	25	20.48	20.63	20.18	22
		1	49	20.83	20.76	20.7	22
		25	0	19.62	19.57	19.54	21
		25	13	19.53	19.44	19.51	21
		25	25	19.51	19.51	19.4	21
		50	0	19.6	19.5	19.39	21

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23	22.94	22.91	24
		1	38	23.01	22.94	22.96	24
		1	74	22.86	22.91	22.85	24
		36	0	21.98	22.01	21.96	23
		36	18	21.98	21.98	21.97	23
		36	39	21.94	21.93	21.94	23
		75	0	21.99	21.98	21.95	23
	16QAM	1	0	22.23	22.3	22.19	23
		1	38	22.25	22.3	22.18	23
		1	74	22.05	22.19	22.07	23
		36	0	20.96	20.98	20.94	22
		36	18	20.93	20.93	20.92	22
		36	39	20.93	20.94	20.9	22
		75	0	20.91	20.88	20.89	22
	64QAM	1	0	21.03	20.89	20.64	22
		1	38	20.43	20.49	20.17	22
		1	74	20.79	20.8	20.75	22
		36	0	19.59	19.62	19.55	21
		36	18	19.66	19.47	19.47	21
		36	39	19.51	19.43	19.4	21
		75	0	19.57	19.44	19.48	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.16	23.11	23.09	24
		1	50	22.47	22.42	22.82	24
		1	99	22.99	22.94	22.96	24
		50	0	22.05	22.02	21.95	23
		50	25	21.96	21.93	21.94	23
		50	50	21.93	21.94	21.93	23
		100	0	22.04	21.96	21.96	23
	16QAM	1	0	22.39	22.37	22.43	23
		1	50	21.82	21.77	21.94	23
		1	99	22.25	22.23	22.17	23
		50	0	20.99	20.93	20.93	22
		50	25	20.9	20.84	20.87	22
		50	50	20.91	20.87	20.87	22
		100	0	20.92	20.9	20.92	22
	64QAM	1	0	21.08	20.89	20.81	22
		1	50	20.62	20.66	20.26	22
		1	99	20.94	20.87	20.87	22
		50	0	19.73	19.67	19.6	21
		50	25	19.67	19.58	19.57	21
		50	50	19.69	19.62	19.56	21
		100	0	19.7	19.61	19.55	21

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LTE Band 2 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.04	17.96	17.97	19
		1	2	17.56	17.47	17.49	19
		1	5	18.03	17.97	17.98	19
		3	0	17.88	17.91	17.82	19
		3	2	17.98	17.89	17.86	19
		3	3	17.98	17.87	17.93	19
		6	0	18.01	17.92	17.82	19
	16QAM	1	0	18.34	18.28	18.22	19
		1	2	18.18	18.14	18.08	19
		1	5	18.23	18.29	18.25	19
		3	0	17.96	17.96	17.92	19
		3	2	17.89	17.87	17.75	19
		3	3	18.01	17.89	17.91	19
		6	0	17.97	17.94	17.87	19
	64QAM	1	0	17.89	17.83	17.79	19
		1	2	17.54	17.46	17.35	19
		1	5	17.71	17.93	17.97	19
		3	0	17.53	17.7	17.43	19
		3	2	17.56	17.51	17.57	19
		3	3	17.63	17.67	17.54	19
		6	0	17.5	17.43	17.49	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	18.06	17.99	17.95	19
		1	7	17.79	17.63	17.58	19
		1	14	18.01	17.94	17.95	19
		8	0	17.98	17.93	17.9	19
		8	4	17.87	17.86	17.91	19
		8	7	17.96	17.9	17.93	19
		15	0	17.99	17.92	17.95	19
	16QAM	1	0	18.26	18.19	18.24	19
		1	7	17.83	17.86	17.89	19
		1	14	18.25	18.25	18.21	19
		8	0	17.96	17.94	17.95	19
		8	4	17.87	17.89	17.82	19
		8	7	17.94	17.94	17.85	19
		15	0	17.96	17.86	17.88	19
	64QAM	1	0	18.02	18.2	17.64	19
		1	7	17.69	17.38	17.22	19
		1	14	17.71	17.96	17.87	19
		8	0	17.75	17.62	17.53	19
		8	4	17.67	17.49	17.45	19
		8	7	17.59	17.6	17.52	19
		15	0	17.62	17.58	17.42	19
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	18.06	17.97	17.97	19
		1	13	18.03	17.97	17.95	19
		1	24	17.92	17.95	18.01	19
		12	0	18.04	18.02	18.01	19
		12	6	18.05	17.97	17.89	19
		12	13	18.06	18.01	17.97	19
		25	0	18.05	17.98	17.96	19
	16QAM	1	0	18.37	18.36	18.27	19
		1	13	18.36	18.24	18.2	19
		1	24	18.25	18.15	18.29	19
		12	0	18.02	17.96	17.97	19
		12	6	18	17.95	17.91	19
		12	13	18.05	17.98	17.94	19
		25	0	17.95	17.92	17.89	19
	64QAM	1	0	18.02	18.2	17.64	19
		1	13	17.69	17.38	17.22	19
		1	24	17.71	17.96	17.87	19
		12	0	17.75	17.62	17.53	19
		12	6	17.67	17.49	17.45	19
		12	13	17.59	17.6	17.52	19
		25	0	17.62	17.58	17.42	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	18.07	18.01	18	19
		1	25	17.7	17.61	17.75	19
		1	49	18	17.93	17.99	19
		25	0	18.02	17.96	17.95	19
		25	13	17.96	17.94	17.97	19
		25	25	17.97	17.96	17.9	19
		50	0	18.01	17.99	17.91	19
	16QAM	1	0	18.44	18.4	18.27	19
		1	25	17.94	17.95	17.99	19
		1	49	18.24	18.24	18.31	19
		25	0	17.93	17.92	17.95	19
		25	13	17.94	17.88	17.88	19
		25	25	17.89	17.92	17.89	19
		50	0	17.96	17.88	17.89	19
	64QAM	1	0	18.02	18.2	17.64	19
		1	25	17.69	17.38	17.22	19
		1	49	17.71	17.96	17.87	19
		25	0	17.75	17.62	17.53	19
		25	13	17.67	17.49	17.45	19
		25	25	17.59	17.6	17.52	19
		50	0	17.62	17.58	17.42	19

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	18.02	18.01	17.94	19
		1	38	18.02	17.99	17.98	19
		1	74	17.9	17.88	17.9	19
		36	0	18.06	18.02	17.99	19
		36	18	18.03	17.98	17.98	19
		36	39	18.03	17.96	18.03	19
		75	0	18.02	18.01	17.96	19
	16QAM	1	0	18.16	18.4	18.25	19
		1	38	18.33	18.27	18.31	19
		1	74	18.23	18.25	18.26	19
		36	0	17.99	17.98	17.95	19
		36	18	18	17.88	17.93	19
		36	39	17.99	17.91	17.95	19
		75	0	17.95	17.94	17.93	19
	64QAM	1	0	18.02	18.2	17.64	19
		1	38	17.69	17.38	17.22	19
		1	74	17.71	17.96	17.87	19
		36	0	17.75	17.62	17.53	19
		36	18	17.67	17.49	17.45	19
		36	39	17.59	17.6	17.52	19
		75	0	17.62	17.58	17.42	19

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.2	18.15	18.11	19
		1	50	17.69	17.65	17.49	19
		1	99	17.98	17.99	18.02	19
		50	0	18.09	18.03	17.97	19
		50	25	18.07	17.95	17.98	19
		50	50	18.02	17.98	17.98	19
		100	0	18.06	17.98	17.99	19
	16QAM	1	0	18.42	18.42	18.33	19
		1	50	18.02	17.74	17.5	19
		1	99	18.38	18.26	18.29	19
		50	0	18.07	17.98	17.96	19
		50	25	17.96	17.87	17.93	19
		50	50	17.94	17.89	17.9	19
		100	0	18	17.9	17.93	19
	64QAM	1	0	18.26	18.35	18.12	19
		1	50	17.89	17.77	17.65	19
		1	99	18.14	18.19	18.11	19
		50	0	18.04	17.97	17.87	19
		50	25	18.01	17.91	17.83	19
		50	50	17.95	17.9	17.82	19
		100	0	17.99	17.89	17.83	19

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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	23.51	23.44	23.43	24
		1	2	23	22.72	22.87	24
		1	5	23.52	23.49	23.38	24
		3	0	23.45	23.46	23.37	24
		3	2	23.33	23.27	23.29	24
		3	3	23.48	23.5	23.37	24
		6	0	21.46	21.4	21.3	23
	16QAM	1	0	22.24	22.28	22.14	23
		1	2	22.2	21.88	22.14	23
		1	5	22.39	22.26	22.12	23
		3	0	22.12	22.05	21.91	23
		3	2	21.84	21.95	21.67	23
		3	3	22.09	21.99	21.9	23
		6	0	20.92	20.93	20.96	22
	64QAM	1	0	21.26	21.3	21.25	22
		1	2	21.06	20.74	20.97	22
		1	5	21.28	21.33	21.2	22
		3	0	21.32	21.41	21.24	22
		3	2	21.13	20.87	20.93	22
		3	3	21.26	21.43	21.24	22
		6	0	19.99	20.07	19.91	21

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.56	23.37	23.37	24
		1	7	23.16	22.92	22.8	24
		1	14	23.46	23.41	23.34	24
		8	0	21.41	21.38	21.3	23
		8	4	21.44	21.41	21.34	23
		8	7	21.44	21.29	21.23	23
		15	0	21.45	21.41	21.34	23
	16QAM	1	0	22.24	22.08	22.23	23
		1	7	21.92	21.73	21.63	23
		1	14	22.17	22.1	22.05	23
		8	0	20.82	20.95	20.66	22
		8	4	20.87	20.88	20.74	22
		8	7	20.89	20.74	20.76	22
		15	0	20.88	20.85	20.81	22
	64QAM	1	0	21.31	21.28	21.16	22
		1	7	21.03	20.79	20.86	22
		1	14	21.21	21.33	21.19	22
		8	0	20.06	19.95	19.95	21
		8	4	20.01	20.04	19.82	21
		8	7	20.03	20.03	20.01	21
		15	0	20.08	19.97	19.9	21

Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.53	23.5	23.46	24
		1	13	23.5	23.4	23.37	24
		1	24	23.44	23.4	23.28	24
		12	0	21.5	21.4	21.35	23
		12	6	21.42	21.39	21.35	23
		12	13	21.47	21.42	21.37	23
		25	0	21.48	21.43	21.37	23
	16QAM	1	0	22.32	22.2	22.2	23
		1	13	22.21	22.27	22.26	23
		1	24	22.21	22.07	22	23
		12	0	20.99	20.9	20.85	22
		12	6	20.91	20.86	20.76	22
		12	13	20.95	20.87	20.82	22
		25	0	20.87	20.85	20.82	22
	64QAM	1	0	21.27	21.37	21.25	22
		1	13	21.1	20.83	20.92	22
		1	24	21.2	21.26	21.34	22
		12	0	19.99	20.02	19.93	21
		12	6	20.01	19.99	19.92	21
		12	13	19.94	20.05	20.03	21
		25	0	20.01	19.9	19.91	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.58	23.41	23.48	24
		1	25	23.1	22.94	22.98	24
		1	49	23.46	23.37	23.32	24
		25	0	21.48	21.4	21.39	23
		25	13	21.46	21.44	21.37	23
		25	25	21.49	21.41	21.34	23
		50	0	21.5	21.39	21.4	23
	16QAM	1	0	22.32	22.23	22.12	23
		1	25	21.85	22	21.71	23
		1	49	22.17	22.22	22.01	23
		25	0	20.96	20.87	20.87	22
		25	13	20.9	20.84	20.82	22
		25	25	20.9	20.88	20.78	22
		50	0	20.86	20.82	20.78	22
	64QAM	1	0	21.38	21.34	21.21	22
		1	25	21.14	20.73	20.94	22
		1	49	21.17	21.32	21.24	22
		25	0	20.11	19.97	19.83	21
		25	13	19.98	19.96	19.91	21
		25	25	19.99	20.01	19.97	21
		50	0	19.92	20	19.82	21

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.49	23.47	23.36	24
		1	38	23.5	23.45	23.41	24
		1	74	23.4	23.33	23.31	24
		36	0	21.56	21.48	21.46	23
		36	18	21.49	21.44	21.42	23
		36	39	21.46	21.41	21.43	23
		75	0	21.5	21.41	21.41	23
	16QAM	1	0	22.26	22.22	22.14	23
		1	38	22.29	22.23	22.14	23
		1	74	22.16	22.17	22.02	23
		36	0	20.97	20.97	20.86	22
		36	18	20.91	20.87	20.82	22
		36	39	20.91	20.9	20.86	22
		75	0	20.93	20.83	20.82	22
	64QAM	1	0	21.28	21.36	21.14	22
		1	38	21	20.74	20.98	22
		1	74	21.21	21.27	21.2	22
		36	0	20.08	19.97	19.98	21
		36	18	20.1	19.93	19.95	21
		36	39	20.01	19.89	19.96	21
		75	0	19.93	19.95	19.9	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	23.62	23.6	23.57	24
		1	50	23.13	22.95	22.92	24
		1	99	23.42	23.31	23.43	24
		50	0	21.55	21.47	21.45	23
		50	25	21.44	21.41	21.37	23
		50	50	21.43	21.43	21.38	23
		100	0	21.49	21.45	21.38	23
	16QAM	1	0	22.46	22.37	22.3	23
		1	50	21.86	21.87	21.84	23
		1	99	22.3	22.11	22.15	23
		50	0	20.94	20.91	20.84	22
		50	25	20.91	20.85	20.81	22
		50	50	20.84	20.82	20.84	22
		100	0	20.92	20.84	20.84	22
	64QAM	1	0	21.45	21.44	21.32	22
		1	50	21.16	20.88	20.99	22
		1	99	21.34	21.44	21.35	22
		50	0	20.12	20.11	20.01	21
		50	25	20.11	20.06	20	21
		50	50	20.07	20.06	20.04	21
		100	0	20.11	20.09	20.01	21

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LTE Band 4 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	19.54	19.42	19.39	20
		1	2	18.9	19.09	18.77	20
		1	5	19.49	19.49	19.36	20
		3	0	19.4	19.43	19.34	20
		3	2	19.39	19.37	19.23	20
		3	3	19.39	19.33	19.25	20
		6	0	19.37	19.28	19.27	20
	16QAM	1	0	19.81	19.81	19.64	20
		1	2	19.42	19.25	19.74	20
		1	5	19.85	19.79	19.77	20
		3	0	19.52	19.46	19.29	20
		3	2	19.43	19.28	19.33	20
		3	3	19.4	19.41	19.29	20
		6	0	19.41	19.37	19.29	20
	64QAM	1	0	19.68	19.57	19.6	20
		1	2	19.27	19.18	19.18	20
		1	5	19.68	19.64	19.54	20
		3	0	19.22	19.31	19.33	20
		3	2	19.27	19.28	19.18	20
		3	3	19.21	19.28	19.2	20
		6	0	19.26	19.2	19.25	20

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	19.52	19.38	19.36	20
		1	7	19.14	19.24	19.15	20
		1	14	19.46	19.39	19.34	20
		8	0	19.49	19.47	19.28	20
		8	4	19.46	19.44	19.34	20
		8	7	19.42	19.41	19.36	20
		15	0	19.5	19.43	19.4	20
	16QAM	1	0	19.8	19.73	19.6	20
		1	7	19.13	19.39	18.85	20
		1	14	19.87	19.75	19.57	20
		8	0	19.48	19.37	19.28	20
		8	4	19.49	19.35	19.33	20
		8	7	19.45	19.31	19.18	20
		15	0	19.47	19.44	19.33	20
	64QAM	1	0	19.69	19.56	19.72	20
		1	7	19.25	19.21	19.04	20
		1	14	19.7	19.66	19.55	20
		8	0	19.24	19.33	19.19	20
		8	4	19.31	19.31	19.29	20
		8	7	19.27	19.23	19.17	20
		15	0	19.37	19.31	19.31	20

Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.54	19.43	19.39	20
		1	13	19.5	19.47	19.41	20
		1	24	19.47	19.38	19.32	20
		12	0	19.57	19.47	19.44	20
		12	6	19.47	19.45	19.31	20
		12	13	19.53	19.5	19.42	20
		25	0	19.52	19.49	19.42	20
	16QAM	1	0	19.88	19.83	19.8	20
		1	13	19.81	19.78	19.78	20
		1	24	19.72	19.69	19.7	20
		12	0	19.57	19.48	19.41	20
		12	6	19.46	19.46	19.39	20
		12	13	19.48	19.45	19.35	20
		25	0	19.46	19.37	19.31	20
	64QAM	1	0	19.65	19.55	19.65	20
		1	13	19.25	19.3	19.12	20
		1	24	19.67	19.55	19.59	20
		12	0	19.39	19.35	19.36	20
		12	6	19.3	19.35	19.29	20
		12	13	19.36	19.33	19.3	20
		25	0	19.35	19.21	19.29	20

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.55	19.47	19.42	20
		1	25	19.21	18.98	18.77	20
		1	49	19.42	19.34	19.32	20
		25	0	19.56	19.48	19.47	20
		25	13	19.48	19.48	19.38	20
		25	25	19.42	19.44	19.4	20
		50	0	19.47	19.41	19.4	20
	16QAM	1	0	19.87	19.77	19.77	20
		1	25	19.61	19.5	19.45	20
		1	49	19.82	19.76	19.67	20
		25	0	19.5	19.41	19.38	20
		25	13	19.38	19.37	19.34	20
		25	25	19.41	19.43	19.32	20
		50	0	19.43	19.36	19.35	20
	64QAM	1	0	19.66	19.59	19.74	20
		1	25	19.35	19.23	19.18	20
		1	49	19.59	19.61	19.55	20
		25	0	19.28	19.25	19.3	20
		25	13	19.26	19.3	19.21	20
		25	25	19.3	19.37	19.22	20
		50	0	19.24	19.21	19.29	20
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.54	19.46	19.42	20
		1	38	19.51	19.47	19.37	20
		1	74	19.33	19.35	19.28	20
		36	0	19.51	19.5	19.44	20
		36	18	19.48	19.45	19.46	20
		36	39	19.45	19.42	19.45	20
		75	0	19.53	19.44	19.43	20
	16QAM	1	0	19.78	19.78	19.76	20
		1	38	19.83	19.84	19.75	20
		1	74	19.74	19.74	19.59	20
		36	0	19.5	19.45	19.43	20
		36	18	19.47	19.39	19.38	20
		36	39	19.43	19.42	19.31	20
		75	0	19.41	19.35	19.3	20
	64QAM	1	0	19.61	19.66	19.7	20
		1	38	19.18	19.23	19.11	20
		1	74	19.71	19.71	19.5	20
		36	0	19.38	19.33	19.32	20
		36	18	19.28	19.38	19.22	20
		36	39	19.28	19.37	19.19	20
		75	0	19.32	19.26	19.31	20

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	19.68	19.68	19.64	20
		1	50	19.05	19.02	19.03	20
		1	99	19.54	19.47	19.5	20
		50	0	19.63	19.57	19.53	20
		50	25	19.58	19.46	19.49	20
		50	50	19.56	19.5	19.48	20
		100	0	19.54	19.54	19.54	20
	16QAM	1	0	19.89	19.92	9.88	20
		1	50	19.14	19.39	19.37	20
		1	99	19.84	19.81	19.77	20
		50	0	19.58	19.52	19.43	20
		50	25	19.51	19.44	19.47	20
		50	50	19.46	19.43	19.44	20
		100	0	19.54	19.44	19.44	20
	64QAM	1	0	19.76	19.7	19.77	20
		1	50	19.36	19.32	19.21	20
		1	99	19.71	19.72	19.64	20
		50	0	19.4	19.42	19.37	20
		50	25	19.37	19.39	19.36	20
		50	50	19.38	19.39	19.35	20
		100	0	19.38	19.35	19.31	20

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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	23.48	23.39	23.39	24.5
		1	2	22.8	22.81	22.75	24.5
		1	5	23.42	23.41	23.41	24.5
		3	0	23.33	23.32	23.39	24.5
		3	2	23.21	23.21	23.15	24.5
		3	3	23.27	23.27	23.28	24.5
		6	0	21.79	21.86	21.72	23.5
	16QAM	1	0	22.18	22.06	22.02	23.5
		1	2	21.84	22.12	21.83	23.5
		1	5	21.99	22.08	22.03	23.5
		3	0	21.79	21.86	21.86	23.5
		3	2	21.59	21.81	21.72	23.5
		3	3	21.88	21.76	21.84	23.5
		6	0	20.85	20.77	20.74	22.5
	64QAM	1	0	21.71	21.46	21.56	22.5
		1	2	21.18	21.41	21.3	22.5
		1	5	21.41	21.53	21.58	22.5
		3	0	21.66	21.62	21.52	22.5
		3	2	21.12	21.34	21.33	22.5
		3	3	21.39	21.63	21.43	22.5
		6	0	20.26	20.24	20.37	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.46	23.4	23.43	24.5
		1	7	23.05	23.12	22.83	24.5
		1	14	23.43	23.43	23.4	24.5
		8	0	21.83	21.82	21.8	23.5
		8	4	21.77	21.8	21.79	23.5
		8	7	21.75	21.88	21.76	23.5
		15	0	21.82	21.83	21.84	23.5
	16QAM	1	0	22.21	22.2	22.09	23.5
		1	7	21.52	21.69	21.64	23.5
		1	14	22.1	22.18	22.06	23.5
		8	0	20.74	20.84	20.78	22.5
		8	4	20.76	20.76	20.8	22.5
		8	7	20.72	20.76	20.69	22.5
		15	0	20.81	20.81	20.79	22.5
	64QAM	1	0	21.64	21.45	21.57	22.5
		1	7	21.14	21.28	21.25	22.5
		1	14	21.41	21.63	21.48	22.5
		8	0	20.38	20.31	20.38	21.5
		8	4	20.39	20.46	20.35	21.5
		8	7	20.29	20.29	20.3	21.5
		15	0	20.18	20.36	20.29	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.47	23.42	23.36	24.5
		1	13	23.53	23.47	23.41	24.5
		1	24	23.39	23.39	23.49	24.5
		12	0	21.91	21.93	21.9	23.5
		12	6	21.86	21.88	21.85	23.5
		12	13	21.85	21.92	21.89	23.5
		25	0	21.83	21.86	21.9	23.5
	16QAM	1	0	22.15	22.17	22.07	23.5
		1	13	22.09	22.11	22.05	23.5
		1	24	22.1	22.1	22.1	23.5
		12	0	20.85	20.9	20.84	22.5
		12	6	20.75	20.83	20.8	22.5
		12	13	20.83	20.88	20.85	22.5
		25	0	20.79	20.78	20.81	22.5
	64QAM	1	0	21.64	21.55	21.44	22.5
		1	13	21.16	21.36	21.37	22.5
		1	24	21.5	21.56	21.41	22.5
		12	0	20.35	20.27	20.41	21.5
		12	6	20.21	20.44	20.36	21.5
		12	13	20.24	20.37	20.35	21.5
		25	0	20.27	20.3	20.3	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.38	23.33	23.36	24.5
		1	25	23.2	23.19	22.97	24.5
		1	49	23.37	23.36	23.28	24.5
		25	0	21.83	21.87	21.92	23.5
		25	13	21.82	21.87	21.89	23.5
		25	25	21.82	21.88	21.87	23.5
		50	0	21.81	21.87	21.89	23.5
	16QAM	1	0	22.1	21.99	22.17	23.5
		1	25	21.99	21.98	22.05	23.5
		1	49	22.06	22.13	22.03	23.5
		25	0	20.78	20.76	20.84	22.5
		25	13	20.77	20.8	20.78	22.5
		25	25	20.78	20.83	20.84	22.5
		50	0	20.79	20.78	20.8	22.5
	64QAM	1	0	21.72	21.63	21.62	22.5
		1	25	21.28	21.42	21.4	22.5
		1	49	21.53	21.68	21.58	22.5
		25	0	20.42	20.4	20.47	21.5
		25	13	20.39	20.46	20.43	21.5
		25	25	20.4	20.43	20.42	21.5
		50	0	20.36	20.44	20.42	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	22.69	22.71	22.67	23.8
		1	13	22.68	22.71	22.7	23.8
		1	24	22.71	22.75	22.64	23.8
		12	0	21.18	21.2	21.2	22.8
		12	6	21.11	21.17	21.11	22.8
		12	13	21.19	21.21	21.2	22.8
		25	0	21.17	21.2	21.15	22.8
	16QAM	1	0	21.47	21.55	21.5	22.8
		1	13	21.42	21.5	21.5	22.8
		1	24	21.49	21.57	21.36	22.8
		12	0	20.16	20.21	20.17	21.8
		12	6	20.14	20.14	20.12	21.8
		12	13	20.19	20.23	20.15	21.8
		25	0	20.13	20.13	20.08	21.8
	64QAM	1	0	20.75	20.45	20.63	21.8
		1	13	20.24	19.93	20.11	21.8
		1	24	20.84	20.65	20.45	21.8
		12	0	19.64	19.18	19.18	20.8
		12	6	19.5	19.3	19.14	20.8
		12	13	19.54	19.26	19.27	20.8
		25	0	19.58	19.23	19.14	20.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	22.64	22.66	22.65	23.8
		1	25	22.68	22.46	22.39	23.8
		1	49	22.71	22.67	22.64	23.8
		25	0	21.16	21.24	21.17	22.8
		25	13	21.15	21.18	21.1	22.8
		25	25	21.2	21.22	21.21	22.8
		50	0	21.18	21.2	21.13	22.8
	16QAM	1	0	21.31	21.48	21.48	22.8
		1	25	21.32	21.34	21.25	22.8
		1	49	21.47	21.58	21.53	22.8
		25	0	20.13	20.2	20.11	21.8
		25	13	20.13	20.13	20.09	21.8
		25	25	20.14	20.15	20.11	21.8
		50	0	20.1	20.14	20.09	21.8
	64QAM	1	0	20.8	20.57	20.63	21.8
		1	25	20.14	20.06	20.11	21.8
		1	49	20.67	20.51	20.39	21.8
		25	0	19.47	19.18	19.18	20.8
		25	13	19.59	19.28	19.12	20.8
		25	25	19.47	19.16	19.13	20.8
		50	0	19.64	19.26	19.09	20.8

Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.66	22.64	22.63	23.8
		1	38	22.77	22.78	22.7	23.8
		1	74	22.71	22.74	22.7	23.8
		36	0	21.21	21.24	21.22	22.8
		36	18	21.26	21.27	21.23	22.8
		36	39	21.24	21.25	21.25	22.8
		75	0	21.24	21.24	21.22	22.8
	16QAM	1	0	21.41	21.41	21.42	22.8
		1	38	21.43	21.53	21.49	22.8
		1	74	21.51	21.46	21.5	22.8
		36	0	20.2	20.23	20.13	21.8
		36	18	20.19	20.18	20.16	21.8
		36	39	20.24	20.24	20.19	21.8
		75	0	20.16	20.19	20.16	21.8
	64QAM	1	0	20.77	20.42	20.62	21.8
		1	38	20.31	19.91	19.95	21.8
		1	74	20.67	20.59	20.44	21.8
		36	0	19.5	19.34	19.14	20.8
		36	18	19.5	19.15	19.09	20.8
		36	39	19.56	19.27	19.09	20.8
		75	0	19.51	19.19	19.14	20.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	22.74	22.77	22.79	23.8
		1	50	22.48	22.2	22.25	23.8
		1	99	22.82	22.86	22.83	23.8
		50	0	21.21	21.29	21.16	22.8
		50	25	21.17	21.23	21.14	22.8
		50	50	21.2	21.23	21.24	22.8
		100	0	21.23	21.28	21.18	22.8
	16QAM	1	0	21.44	21.49	21.53	22.8
		1	50	20.98	20.94	21.14	22.8
		1	99	21.56	21.69	21.58	22.8
		50	0	20.16	20.21	20.13	21.8
		50	25	20.12	20.14	20.13	21.8
		50	50	20.19	20.21	20.16	21.8
		100	0	20.17	20.18	20.09	21.8
	64QAM	1	0	20.82	20.58	20.67	21.8
		1	50	20.33	20.1	20.13	21.8
		1	99	20.86	20.69	20.53	21.8
		50	0	19.65	19.36	19.29	20.8
		50	25	19.64	19.34	19.25	20.8
		50	50	19.67	19.34	19.28	20.8
		100	0	19.65	19.34	19.25	20.8

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LTE Band 7 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	19.64	19.74	19.67	20.8
		1	13	19.74	19.73	19.7	20.8
		1	24	19.76	19.71	19.72	20.8
		12	0	19.74	19.75	19.71	20.8
		12	6	19.71	19.77	19.57	20.8
		12	13	19.71	19.81	19.71	20.8
		25	0	19.7	19.71	19.68	20.8
	16QAM	1	0	19.94	20.07	19.94	20.8
		1	13	19.97	20.12	20.05	20.8
		1	24	19.98	20.02	19.89	20.8
		12	0	19.69	19.78	19.77	20.8
		12	6	19.68	19.71	19.74	20.8
		12	13	19.73	19.74	19.72	20.8
		25	0	19.66	19.69	19.64	20.8
	64QAM	1	0	19.66	19.66	19.66	20.8
		1	13	19.66	19.66	19.66	20.8
		1	24	19.66	19.66	19.66	20.8
		12	0	19.66	19.66	19.66	20.8
		12	6	19.66	19.66	19.66	20.8
		12	13	19.66	19.66	19.66	20.8
		25	0	19.66	19.66	19.66	20.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	19.63	19.7	19.66	20.8
		1	25	19.14	19.45	19.5	20.8
		1	49	19.72	19.7	19.69	20.8
		25	0	19.73	19.76	19.7	20.8
		25	13	19.74	19.73	19.71	20.8
		25	25	19.73	19.78	19.73	20.8
		50	0	19.68	19.74	19.7	20.8
	16QAM	1	0	20.08	19.98	20.02	20.8
		1	25	19.64	19.61	19.81	20.8
		1	49	19.96	20.08	19.98	20.8
		25	0	19.66	19.65	19.66	20.8
		25	13	19.67	19.69	19.64	20.8
		25	25	19.68	19.71	19.68	20.8
		50	0	19.63	19.68	19.62	20.8
	64QAM	1	0	19.66	19.66	19.66	20.8
		1	25	19.66	19.66	19.66	20.8
		1	49	19.66	19.66	19.66	20.8
		25	0	19.66	19.66	19.66	20.8
		25	13	19.66	19.66	19.66	20.8
		25	25	19.66	19.66	19.66	20.8
		50	0	19.66	19.66	19.66	20.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	19.67	19.58	19.65	20.8
		1	38	19.72	19.79	19.73	20.8
		1	74	19.71	19.76	19.74	20.8
		36	0	19.77	19.84	19.74	20.8
		36	18	19.78	19.76	19.76	20.8
		36	39	19.81	19.82	19.78	20.8
		75	0	19.76	19.79	19.77	20.8
	16QAM	1	0	19.95	19.93	19.92	20.8
		1	38	20.14	20.1	20.04	20.8
		1	74	20.08	20.08	20.05	20.8
		36	0	19.69	19.77	19.71	20.8
		36	18	19.72	19.73	19.71	20.8
		36	39	19.71	19.78	19.73	20.8
		75	0	19.67	19.73	19.68	20.8
	64QAM	1	0	19.66	19.66	19.66	20.8
		1	38	19.66	19.66	19.66	20.8
		1	74	19.66	19.66	19.66	20.8
		36	0	19.66	19.66	19.66	20.8
		36	18	19.66	19.66	19.66	20.8
		36	39	19.66	19.66	19.66	20.8
		75	0	19.66	19.66	19.66	20.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	19.78	19.72	19.8	20.8
		1	50	19.35	19.4	19.19	20.8
		1	99	19.81	19.86	19.82	20.8
		50	0	19.73	19.79	19.68	20.8
		50	25	19.69	19.74	19.68	20.8
		50	50	19.7	19.75	19.76	20.8
		100	0	19.73	19.78	19.71	20.8
	16QAM	1	0	19.95	19.97	20.1	20.8
		1	50	19.66	19.82	19.67	20.8
		1	99	20.06	20.19	20.04	20.8
		50	0	19.64	19.71	19.61	20.8
		50	25	19.62	19.68	19.59	20.8
		50	50	19.68	19.71	19.68	20.8
		100	0	19.67	19.72	19.65	20.8
	64QAM	1	0	19.76	19.95	19.85	20.8
		1	50	19.28	19.4	19.32	20.8
		1	99	19.89	19.99	19.88	20.8
		50	0	19.52	19.71	19.57	20.8
		50	25	19.48	19.67	19.53	20.8
		50	50	19.52	19.66	19.53	20.8
		100	0	19.54	19.65	19.51	20.8

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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	22.85	22.8	22.83	24
		1	2	22.15	22.22	22.31	24
		1	5	22.87	22.81	22.84	24
		3	0	22.89	22.73	22.68	24
		3	2	22.69	22.6	22.52	24
		3	3	22.77	22.48	22.6	24
		6	0	21.72	21.75	21.78	23
	16QAM	1	0	22.15	22.03	22.08	23
		1	2	21.85	21.6	21.67	23
		1	5	22.14	22.09	22.03	23
		3	0	21.83	21.78	21.86	23
		3	2	21.8	21.58	21.54	23
		3	3	21.84	21.83	21.7	23
		6	0	20.8	20.79	20.79	22
	64QAM	1	0	20.98	20.95	20.82	22
		1	2	20.62	20.68	20.68	22
		1	5	20.82	20.86	20.97	22
		3	0	21	21.06	20.89	22
		3	2	20.75	20.72	20.69	22
		3	3	20.95	20.93	20.88	22
		6	0	19.7	19.83	19.73	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	22.91	22.79	22.9	24
		1	7	22.3	22.18	22.37	24
		1	14	22.82	22.83	22.85	24
		8	0	21.84	21.74	21.9	23
		8	4	21.78	21.8	21.77	23
		8	7	21.72	21.79	21.72	23
		15	0	21.76	21.82	21.84	23
	16QAM	1	0	22.16	22.07	22.05	23
		1	7	21.77	21.85	21.85	23
		1	14	22.19	22.14	22.11	23
		8	0	20.75	20.74	20.74	22
		8	4	20.79	20.72	20.81	22
		8	7	20.7	20.73	20.73	22
		15	0	20.73	20.78	20.79	22
	64QAM	1	0	21.11	20.93	20.82	22
		1	7	20.68	20.68	20.66	22
		1	14	20.79	20.89	21.01	22
		8	0	19.74	19.76	19.71	21
		8	4	19.68	19.67	19.79	21
		8	7	19.71	19.64	19.69	21
		15	0	19.66	19.81	19.81	21

Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	23.03	22.91	22.93	24
		1	13	22.95	22.93	22.9	24
		1	24	22.93	22.92	22.92	24
		12	0	21.95	21.86	21.84	23
		12	6	21.85	21.87	21.79	23
		12	13	21.9	21.9	21.99	23
		25	0	21.86	21.84	21.84	23
	16QAM	1	0	22.21	22.15	22.08	23
		1	13	22.21	22.06	22.19	23
		1	24	22.27	22.21	22.04	23
		12	0	20.92	20.86	20.81	22
		12	6	20.86	20.86	20.78	22
		12	13	20.92	20.85	20.94	22
		25	0	20.77	20.73	20.79	22
	64QAM	1	0	21	20.91	20.84	22
		1	13	20.77	20.69	20.62	22
		1	24	20.97	20.85	20.94	22
		12	0	19.76	19.74	19.85	21
		12	6	19.69	19.61	19.71	21
		12	13	19.75	19.73	19.81	21
		25	0	19.75	19.71	19.74	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	22.9	22.86	22.81	24
		1	25	22.59	22.6	22.78	24
		1	49	22.9	22.96	22.97	24
		25	0	21.87	21.85	21.87	23
		25	13	21.89	21.84	21.88	23
		25	25	21.85	21.87	21.91	23
		50	0	21.87	21.9	21.91	23
	16QAM	1	0	22.28	22.15	22.11	23
		1	25	22.06	22.15	21.92	23
		1	49	22.25	22.19	22.12	23
		25	0	20.81	20.77	20.79	22
		25	13	20.83	20.77	20.81	22
		25	25	20.81	20.81	20.85	22
		50	0	20.77	20.88	20.87	22
	64QAM	1	0	21.16	21.07	20.94	22
		1	25	20.78	20.76	20.72	22
		1	49	20.97	21	21.06	22
		25	0	19.86	19.82	19.88	21
		25	13	19.83	19.77	19.82	21
		25	25	19.76	19.81	19.85	21
		50	0	19.8	19.84	19.86	21

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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	22.9	22.84	22.84	24
		1	13	22.88	22.91	22.84	24
		1	24	22.88	22.87	22.94	24
		12	0	21.89	21.88	21.84	23
		12	6	21.9	21.85	21.76	23
		12	13	21.93	21.91	21.82	23
		25	0	21.87	21.86	21.82	23
	16QAM	1	0	22.11	22.04	21.93	23
		1	13	22.15	22.17	22.21	23
		1	24	22.19	22.02	22.11	23
		12	0	20.85	20.86	20.87	22
		12	6	20.84	20.8	20.75	22
		12	13	20.88	20.92	20.86	22
		25	0	20.81	20.74	20.76	22
	64QAM	1	0	21.01	20.93	20.87	22
		1	13	20.51	20.79	20.6	22
		1	24	20.79	20.95	21.02	22
		12	0	19.71	19.72	19.74	21
		12	6	19.7	19.79	19.65	21
		12	13	19.75	19.69	19.6	21
		25	0	19.8	19.77	19.64	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	22.8	22.9	22.8	24
		1	25	22.68	22.58	22.73	24
		1	49	22.91	22.86	22.98	24
		25	0	21.87	21.86	21.8	23
		25	13	21.85	21.83	21.84	23
		25	25	21.87	21.87	21.88	23
		50	0	21.87	21.91	21.84	23
	16QAM	1	0	22.12	22.15	22.05	23
		1	25	22.11	21.94	21.93	23
		1	49	22.15	22.13	22.2	23
		25	0	20.79	20.78	20.75	22
		25	13	20.82	20.77	20.81	22
		25	25	20.84	20.86	20.82	22
		50	0	20.84	20.88	20.83	22
	64QAM	1	0	21.1	21.08	20.98	22
		1	25	20.7	20.81	20.77	22
		1	49	20.89	21.03	21.08	22
		25	0	19.86	19.83	19.82	21
		25	13	19.8	19.79	19.81	21
		25	25	19.85	19.82	19.79	21
		50	0	19.81	19.86	19.81	21

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LTE Band 26 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	22.73	22.12	22.04	24
		1	2	22.09	22.2	22.25	24
		1	5	22.85	22.84	22.89	24
		3	0	22.08	22.15	22.02	24
		3	2	22.53	22.69	22.52	24
		3	3	22.67	22.63	22.64	24
		6	0	21.26	21.3	21.23	23
	16QAM	1	0	21.14	21.19	21.08	23
		1	2	21.91	21.68	21.74	23
		1	5	22.05	22.12	22.11	23
		3	0	20.53	20.72	20.77	23
		3	2	21.61	21.68	21.63	23
		3	3	21.9	21.76	21.74	23
		6	0	20.26	20.26	20.33	22
	64QAM	1	0	21.01	20.89	21.04	22
		1	2	20.96	21.04	21.16	22
		1	5	21.02	21.06	21.07	22
		3	0	21.08	21	20.96	22
		3	2	21.04	21.1	21.05	22
		3	3	20.92	20.94	20.93	22
		6	0	19.74	19.78	19.86	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.92	22.96	22.96	24
		1	7	22.58	22.3	22.34	24
		1	14	22.83	22.9	22.92	24
		8	0	21.29	21.31	21.26	23
		8	4	21.28	21.19	21.23	23
		8	7	21.31	21.32	21.35	23
		15	0	21.33	21.33	21.28	23
	16QAM	1	0	22.13	22.06	22.04	23
		1	7	21.79	21.99	21.69	23
		1	14	22.07	22.03	22.06	23
		8	0	20.25	20.27	20.24	22
		8	4	20.26	20.21	20.16	22
		8	7	20.21	20.24	20.12	22
		15	0	20.24	20.32	20.26	22
	64QAM	1	0	20.99	20.9	20.97	22
		1	7	21.07	21.1	21.17	22
		1	14	21.02	21.04	21.01	22
		8	0	19.93	19.81	19.96	21
		8	4	19.85	19.85	19.8	21
		8	7	19.81	19.84	19.95	21
		15	0	19.81	19.82	19.82	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	22.92	22.96	22.92	24
		1	13	22.88	22.92	22.89	24
		1	24	22.93	22.88	22.9	24
		12	0	21.36	21.35	21.35	23
		12	6	21.38	21.28	21.24	23
		12	13	21.39	21.38	21.33	23
		25	0	21.34	21.37	21.31	23
	16QAM	1	0	22.1	22.23	22.13	23
		1	13	22.1	22.13	22.17	23
		1	24	22.11	22.14	22.16	23
		12	0	20.34	20.37	20.37	22
		12	6	20.31	20.32	20.32	22
		12	13	20.36	20.38	20.33	22
		25	0	20.22	20.28	20.21	22
	64QAM	1	0	20.99	20.99	20.97	22
		1	13	21.01	21.1	21.16	22
		1	24	20.99	20.95	20.92	22
		12	0	19.85	19.8	19.82	21
		12	6	19.86	19.84	19.95	21
		12	13	19.9	19.8	19.95	21
		25	0	19.73	19.85	19.86	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	22.84	22.87	22.87	24
		1	25	22.74	22.69	22.7	24
		1	49	22.87	22.84	22.88	24
		25	0	21.41	21.37	21.35	23
		25	13	21.34	21.37	21.34	23
		25	25	21.31	21.37	21.35	23
		50	0	21.36	21.34	21.35	23
	16QAM	1	0	22.01	22.03	22.06	23
		1	25	22	22.09	21.9	23
		1	49	21.97	22.04	22.12	23
		25	0	20.35	20.31	20.31	22
		25	13	20.28	20.35	20.31	22
		25	25	20.29	20.28	20.26	22
		50	0	20.24	20.3	20.29	22
	64QAM	1	0	20.97	20.92	21	22
		1	25	21.08	20.96	21.11	22
		1	49	21.01	21	21.04	22
		25	0	19.92	19.92	19.82	21
		25	13	19.8	19.87	19.95	21
		25	25	19.8	19.76	19.87	21
		50	0	19.85	19.85	19.82	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	22.9	22.81	22.89	24
		1	38	22.94	22.88	22.93	24
		1	74	22.89	22.84	22.82	24
		36	0	21.42	21.43	21.45	23
		36	18	21.45	21.42	21.41	23
		36	39	21.39	21.41	21.4	23
		75	0	21.37	21.4	21.36	23
	16QAM	1	0	22.01	22.14	22.09	23
		1	38	22.16	22.05	22.16	23
		1	74	22.08	22.06	21.99	23
		36	0	20.4	20.36	20.39	22
		36	18	20.33	20.38	20.33	22
		36	39	20.39	20.33	20.35	22
		75	0	20.28	20.34	20.31	22
	64QAM	1	0	21.13	21.05	21.1	22
		1	38	21.11	21.11	21.19	22
		1	74	21.04	21.09	21.07	22
		36	0	19.94	19.96	19.96	21
		36	18	19.95	19.94	19.95	21
		36	39	19.93	19.91	19.98	21
		75	0	19.89	19.91	19.91	21

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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	23.16	23.2	23.22	24
		1	13	23.1	23.15	23.21	24
		1	24	23.19	23.11	23.28	24
		12	0	22.22	22.21	22.32	23
		12	6	22.15	22.15	22.2	23
		12	13	22.23	22.21	22.26	23
		25	0	22.08	22.1	22.2	23
	16QAM	1	0	22.08	22.1	22.12	23
		1	13	22.14	22.19	22.11	23
		1	24	22.1	22.16	22.16	23
		12	0	21.14	21.14	21.26	22
		12	6	21.13	21.1	21.21	22
		12	13	21.14	21.11	21.21	22
		25	0	21.1	21.08	21.21	22
	64QAM	1	0	21.71	21.78	21.8	22
		1	13	21.16	21.19	21.3	22
		1	24	21.68	21.7	21.45	22
		12	0	20.48	20.6	20.68	21
		12	6	20.41	20.53	20.52	21
		12	13	20.42	20.48	20.76	21
		25	0	20.37	20.6	20.53	21

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.17	23.1	23.22	24
		1	25	22.16	22.11	22.41	24
		1	49	23.15	23.19	23.22	24
		25	0	22.16	22.22	22.16	23
		25	13	22.13	22.17	22.23	23
		25	25	22.18	22.2	22.28	23
		50	0	22.14	22.16	22.26	23
	16QAM	1	0	22.13	22.14	22.35	23
		1	25	22	22.04	22.13	23
		1	49	22.17	22.24	22.38	23
		25	0	21.11	21.09	21.15	22
		25	13	21.04	21.05	21.18	22
		25	25	21.1	21.04	21.22	22
		50	0	21.08	21.08	21.16	22
	64QAM	1	0	21.66	21.62	21.74	22
		1	25	21.28	21.31	21.29	22
		1	49	21.64	21.6	21.45	22
		25	0	20.48	20.52	20.57	21
		25	13	20.42	20.45	20.62	21
		25	25	20.46	20.52	20.62	21
		50	0	20.44	20.55	20.51	21
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	23.12	23.04	23.14	24
		1	38	23.18	23.19	23.2	24
		1	74	23.1	23.13	23.24	24
		36	0	22.22	22.12	22.27	23
		36	18	22.2	22.18	22.22	23
		36	39	22.2	22.24	22.21	23
		75	0	22.09	22.2	22.18	23
	16QAM	1	0	22.12	22.05	22.19	23
		1	38	22.15	22.2	22.24	23
		1	74	22.1	22.21	22.4	23
		36	0	21.1	21.02	21.2	22
		36	18	21.16	21.06	21.17	22
		36	39	21.11	21.16	21.22	22
		75	0	21.07	21.04	21.13	22
	64QAM	1	0	21.71	21.65	21.77	22
		1	38	21.33	21.25	21.2	22
		1	74	21.69	21.68	21.47	22
		36	0	20.54	20.59	20.63	21
		36	18	20.43	20.55	20.6	21
		36	39	20.41	20.62	20.63	21
		75	0	20.46	20.45	20.63	21

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	22.17	22.73	22.83	24
		1	50	22.66	22.77	22.92	24
		1	99	22.71	22.71	22.22	24
		50	0	22.12	22.12	22.18	23
		50	25	22.09	22.19	22.16	23
		50	50	22.1	22.21	22.24	23
		100	0	22.1	22.17	22.2	23
	16QAM	1	0	21.99	22.13	22.21	23
		1	50	22.01	21.81	22.06	23
		1	99	22.28	22.26	22.03	23
		50	0	21.05	21.01	21.08	22
		50	25	20.98	20.99	21.06	22
		50	50	21.01	21.08	21.15	22
		100	0	20.98	21.06	21.08	22
	64QAM	1	0	21.74	21.8	21.92	22
		1	50	21.33	21.36	21.34	22
		1	99	21.77	21.76	21.63	22
		50	0	20.6	20.66	20.74	21
		50	25	20.55	20.59	20.66	21
		50	50	20.59	20.63	20.76	21
		100	0	20.53	20.62	20.68	21

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LTE Band 38 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	21.2	21.22	21.28	22
		1	13	21.18	21.21	21.33	22
		1	24	21.2	21.25	21.32	22
		12	0	21.26	21.23	21.38	22
		12	6	21.17	21.14	21.28	22
		12	13	21.28	21.29	21.36	22
		25	0	21.2	21.2	21.31	22
	16QAM	1	0	21.36	21.36	21.45	22
		1	13	21.41	21.39	21.47	22
		1	24	21.42	21.39	21.37	22
		12	0	21.17	21.15	21.3	22
		12	6	21.14	21.15	21.3	22
		12	13	21.2	21.12	21.27	22
		25	0	21.11	21.1	21.23	22
	64QAM	1	0	20.68	20.83	20.64	22
		1	13	20.07	20.14	20.16	22
		1	24	20.59	20.7	20.67	22
		12	0	20.53	20.53	20.63	21
		12	6	20.44	20.49	20.61	21
		12	13	20.58	20.58	20.6	21
		25	0	20.53	20.65	20.68	21

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	21.2	21.13	21.29	22
		1	25	21.01	21.03	21.02	22
		1	49	21.26	21.22	21.24	22
		25	0	21.24	21.19	21.24	22
		25	13	21.18	21.2	21.32	22
		25	25	21.21	21.23	21.33	22
		50	0	21.17	21.21	21.35	22
	16QAM	1	0	21.19	21.1	21.27	22
		1	25	20.7	21.01	20.92	22
		1	49	21.22	21.23	21.26	22
		25	0	21.19	21.17	21.26	22
		25	13	21.14	21.11	21.26	22
		25	25	21.16	21.16	21.27	22
		50	0	21.11	21.08	21.23	22
	64QAM	1	0	20.66	20.88	20.6	22
		1	25	20.03	20.2	20.08	22
		1	49	20.58	20.66	20.65	22
		25	0	20.54	20.56	20.6	21
		25	13	20.5	20.5	20.65	21
		25	25	20.59	20.67	20.67	21
		50	0	20.53	20.55	20.58	21

Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	21.2	21.1	21.18	22
		1	38	21.27	21.24	21.26	22
		1	74	21.17	21.16	21.3	22
		36	0	21.25	21.2	21.31	22
		36	18	21.29	21.21	21.29	22
		36	39	21.24	21.32	21.32	22
		75	0	21.25	21.18	21.24	22
	16QAM	1	0	21.4	21.14	21.28	22
		1	38	21.39	21.15	21.27	22
		1	74	21.38	21.14	21.29	22
		36	0	21.17	21.18	21.22	22
		36	18	21.25	21.12	21.23	22
		36	39	21.2	21.23	21.29	22
		75	0	21.15	21.15	21.17	22
	64QAM	1	0	20.58	20.85	20.74	22
		1	38	20.02	20.09	20.1	22
		1	74	20.65	20.76	20.67	22
		36	0	20.62	20.61	20.58	21
		36	18	20.54	20.6	20.54	21
		36	39	20.49	20.61	20.64	21
		75	0	20.51	20.64	20.63	21

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	21.24	21.19	21.26	22
		1	50	19.92	20.11	20.18	22
		1	99	21.28	21.26	21.38	22
		50	0	21.22	21.22	21.25	22
		50	25	21.19	21.17	21.25	22
		50	50	21.17	21.25	21.32	22
		100	0	21.17	21.22	21.27	22
	16QAM	1	0	21.25	21.35	21.55	22
		1	50	21.03	21.14	21.06	22
		1	99	21.31	21.47	21.61	22
		50	0	21.13	21.15	21.19	22
		50	25	21.12	21.07	21.18	22
		50	50	21.14	21.2	21.25	22
		100	0	21.09	21.18	21.18	22
	64QAM	1	0	20.71	20.89	20.74	22
		1	50	20.08	20.24	20.23	22
		1	99	20.72	20.77	20.78	22
		50	0	20.65	20.66	20.71	21
		50	25	20.58	20.61	20.68	21
		50	50	20.61	20.69	20.72	21
		100	0	20.62	20.66	20.69	21

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LTE Band 40 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 38675	Channel 39150	Channel 39625	Tune up
5MHz	QPSK	1	0	23.15	23.18	23.27	24
		1	13	23.11	23.14	23.1	24
		1	24	23.11	23.14	23.06	24
		12	0	22.18	22.29	22.29	23
		12	6	22.15	22.15	22.21	23
		12	13	22.12	22.27	22.17	23
		25	0	22.07	22.19	22.22	23
	16QAM	1	0	21.73	21.83	21.84	23
		1	13	21.73	21.87	21.87	23
		1	24	21.65	21.74	21.68	23
		12	0	21.1	21.12	21.18	22
		12	6	21.08	21.11	21.1	22
		12	13	21.06	21.11	21.07	22
		25	0	21.05	21.08	21.1	22
	64QAM	1	0	21.28	21.41	21.19	22
		1	13	20.5	21.2	20.9	22
		1	24	21.12	21.28	21.05	22
		12	0	20.47	20.77	20.54	21
		12	6	20.44	20.74	20.37	21
		12	13	20.44	20.7	20.39	21
		25	0	20.42	20.72	20.39	21

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Bandwidth	Modulation	RB size	RB offset	Channel 38700	Channel 39150	Channel 39600	Tune up
10MHz	QPSK	1	0	23.15	23.15	23.21	24
		1	25	22.23	22.26	22.29	24
		1	49	23.04	23.09	23.09	24
		25	0	22.2	22.22	22.25	23
		25	13	22.11	22.2	22.24	23
		25	25	22.12	22.16	22.21	23
		50	0	22.1	22.18	22.31	23
	16QAM	1	0	21.72	21.66	21.73	23
		1	25	21.4	21.34	21.49	23
		1	49	21.6	21.57	21.66	23
		25	0	21.12	21.16	21.22	22
		25	13	21.03	21.13	21.18	22
		25	25	21.07	21.1	21.16	22
		50	0	21	21.1	21.11	22
	64QAM	1	0	21.24	21.42	21.18	22
		1	25	20.5	21.19	20.98	22
		1	49	21.17	21.37	20.97	22
		25	0	20.55	20.69	20.58	21
		25	13	20.43	20.71	20.38	21
		25	25	20.32	20.76	20.44	21
		50	0	20.35	20.7	20.55	21
Bandwidth	Modulation	RB size	RB offset	Channel 38725	Channel 39150	Channel 39575	Tune up
15MHz	QPSK	1	0	23.15	23.17	23.16	24
		1	38	23.08	23.16	23.16	24
		1	74	23.01	23.09	23.04	24
		36	0	22.17	22.21	22.24	23
		36	18	22.1	22.15	22.16	23
		36	39	22.06	22.16	22.2	23
		75	0	22.09	22.16	22.19	23
	16QAM	1	0	21.73	21.75	21.74	23
		1	38	21.67	21.8	21.79	23
		1	74	21.52	21.71	21.56	23
		36	0	21.12	21.14	21.22	22
		36	18	21.04	21.09	21.22	22
		36	39	21.05	21.08	21.2	22
		75	0	21.04	21.04	21.1	22
	64QAM	1	0	21.24	21.44	21.18	22
		1	38	20.5	21.23	21.02	22
		1	74	21.14	21.26	20.93	22
		36	0	20.39	20.76	20.52	21
		36	18	20.45	20.79	20.49	21
		36	39	20.38	20.74	20.5	21
		75	0	20.36	20.77	20.54	21

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Bandwidth	Modulation	RB size	RB offset	Channel 38750	Channel 39150	Channel 39550	Tune up
20MHz	QPSK	1	0	23.24	23.28	23.21	24
		1	50	22.76	22.61	22.58	24
		1	99	23.04	23.13	23.13	24
		50	0	22.14	22.19	22.21	23
		50	25	22.04	22.12	22.14	23
		50	50	22.01	22.09	22.14	23
		100	0	22.07	22.15	22.1	23
	16QAM	1	0	21.72	21.82	21.73	23
		1	50	21.34	21.12	21.13	23
		1	99	21.57	21.7	21.65	23
		50	0	21.04	21.08	21.07	22
		50	25	20.94	21.07	21.08	22
		50	50	20.91	21.01	21.08	22
		100	0	20.99	21.08	21.06	22
	64QAM	1	0	21.33	21.5	21.25	22
		1	50	20.66	21.33	21.04	22
		1	99	21.18	21.42	21.1	22
		50	0	20.55	20.84	20.62	21
		50	25	20.49	20.82	20.51	21
		50	50	20.46	20.77	20.53	21
		100	0	20.45	20.81	20.55	21

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LTE Band 40 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 38675	Channel 39150	Channel 39625	Tune up
5MHz	QPSK	1	0	18.25	18.3	18.34	19
		1	13	18.18	18.25	18.23	19
		1	24	18.15	18.26	18.2	19
		12	0	18.3	18.3	18.37	19
		12	6	18.13	18.23	18.26	19
		12	13	18.21	18.31	18.27	19
		25	0	18.26	18.28	18.25	19
	16QAM	1	0	18.35	18.37	18.48	19
		1	13	18.2	18.41	18.36	19
		1	24	18.25	18.44	18.3	19
		12	0	18.15	18.18	18.27	19
		12	6	18.12	18.14	18.19	19
		12	13	18.14	18.23	18.21	19
		25	0	18.09	18.21	18.21	19
	64QAM	1	0	17.52	18.01	17.6	19
		1	13	16.73	17.2	17.04	19
		1	24	17.5	17.76	17.51	19
		12	0	17.44	17.71	17.57	19
		12	6	17.37	17.69	17.53	19
		12	13	17.44	17.7	17.49	19
		25	0	17.45	17.8	17.39	19

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Bandwidth	Modulation	RB size	RB offset	Channel 38700	Channel 39150	Channel 39600	Tune up
10MHz	QPSK	1	0	18.22	18.26	18.28	19
		1	25	17.16	17.07	17.28	19
		1	49	18.12	18.2	18.14	19
		25	0	18.23	18.29	18.3	19
		25	13	18.18	18.24	18.29	19
		25	25	18.15	18.25	18.29	19
		50	0	18.18	18.2	18.26	19
	16QAM	1	0	18.38	18.22	18.38	19
		1	25	18	17.91	18.16	19
		1	49	18.16	18.19	18.24	19
		25	0	18.11	18.22	18.22	19
		25	13	18.09	18.17	18.19	19
		25	25	18.12	18.2	18.19	19
		50	0	18.08	18.15	18.17	19
	64QAM	1	0	17.61	17.92	17.56	19
		1	25	16.75	17.19	17.06	19
		1	49	17.47	17.74	17.45	19
		25	0	17.51	17.7	17.51	19
		25	13	17.39	17.8	17.53	19
		25	25	17.37	17.73	17.53	19
		50	0	17.42	17.76	17.46	19
Bandwidth	Modulation	RB size	RB offset	Channel 38725	Channel 39150	Channel 39575	Tune up
15MHz	QPSK	1	0	18.22	18.25	18.21	19
		1	38	18.18	18.24	18.27	19
		1	74	18.08	18.16	18.1	19
		36	0	18.21	18.29	18.36	19
		36	18	18.17	18.22	18.31	19
		36	39	18.15	18.21	18.3	19
		75	0	18.16	18.23	18.26	19
	16QAM	1	0	18.24	18.28	18.39	19
		1	38	18.14	18.32	18.36	19
		1	74	18.05	18.24	18.23	19
		36	0	18.2	18.18	18.28	19
		36	18	18.14	18.17	18.21	19
		36	39	18.12	18.14	18.2	19
		75	0	18.12	18.15	18.18	19
	64QAM	1	0	17.49	17.9	17.6	19
		1	38	16.67	17.26	17.06	19
		1	74	17.45	17.81	17.44	19
		36	0	17.42	17.81	17.51	19
		36	18	17.34	17.77	17.43	19
		36	39	17.42	17.66	17.44	19
		75	0	17.47	17.77	17.47	19

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Bandwidth	Modulation	RB size	RB offset	Channel 38750	Channel 39150	Channel 39550	Tune up
20MHz	QPSK	1	0	18.39	18.36	18.33	19
		1	50	17.09	17.2	17.17	19
		1	99	18.16	18.21	18.23	19
		50	0	18.26	18.25	18.26	19
		50	25	18.11	18.22	18.21	19
		50	50	18.12	18.19	18.25	19
		100	0	18.18	18.26	18.24	19
	16QAM	1	0	18.51	18.51	18.37	19
		1	50	18.17	18.14	18.05	19
		1	99	18.31	18.36	18.29	19
		50	0	18.13	18.14	18.18	19
		50	25	18.05	18.16	18.16	19
		50	50	18.06	18.1	18.18	19
		100	0	18.07	18.16	18.14	19
	64QAM	1	0	17.64	18.02	17.71	19
		1	50	16.76	17.31	17.16	19
		1	99	17.57	17.87	17.59	19
		50	0	17.55	17.84	17.62	19
		50	25	17.46	17.81	17.57	19
		50	50	17.51	17.81	17.57	19
		100	0	17.52	17.83	17.53	19

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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	23.12	23.19	23.19	24
		1	13	23.08	23.11	23.12	24
		1	24	23.12	23.21	23.16	24
		12	0	22.13	22.26	22.26	23
		12	6	22.11	22.19	22.16	23
		12	13	22.18	22.21	22.25	23
		25	0	22.1	22.21	22.2	23
	16QAM	1	0	21.58	21.88	21.66	23
		1	13	21.55	21.86	21.66	23
		1	24	21.59	21.79	21.66	23
		12	0	21.1	21.16	21.17	22
		12	6	21.04	21.12	21.17	22
		12	13	21.06	21.2	21.14	22
		25	0	21.08	21.1	21.12	22
	64QAM	1	0	21.34	21.36	21.63	22
		1	13	21.6	21.55	21.38	22
		1	24	21.35	21.41	21.49	22
		12	0	20.6	20.76	20.69	21
		12	6	20.52	20.56	20.6	21
		12	13	20.5	20.7	20.56	21
		25	0	20.56	20.62	20.59	21

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Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	23.22	23.26	23.15	24
		1	25	22.32	22.09	22.24	24
		1	49	23.05	23.27	23.27	24
		25	0	22.12	22.25	22.18	23
		25	13	22.14	22.18	22.18	23
		25	25	22.17	22.31	22.27	23
		50	0	22.14	22.19	22.19	23
	16QAM	1	0	21.69	21.77	21.69	23
		1	25	21.3	21.5	21.42	23
		1	49	21.73	21.81	21.75	23
		25	0	21.12	21.17	21.2	22
		25	13	21.03	21.18	21.19	22
		25	25	21.13	21.19	21.19	22
		50	0	21	21.11	21.14	22
	64QAM	1	0	21.34	21.35	21.64	22
		1	25	21.57	21.41	21.31	22
		1	49	21.35	21.38	21.53	22
		25	0	20.68	20.66	20.69	21
		25	13	20.47	20.64	20.52	21
		25	25	20.62	20.69	20.53	21
		50	0	20.5	20.62	20.57	21
Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	23.26	23.25	23.23	24
		1	38	23.16	23.24	23.24	24
		1	74	23.1	23.25	23.35	24
		36	0	22.23	22.32	22.3	23
		36	18	22.21	22.2	22.17	23
		36	39	22.22	22.28	22.3	23
		75	0	22.13	22.19	22.24	23
	16QAM	1	0	21.74	21.81	21.73	23
		1	38	21.78	21.69	21.7	23
		1	74	21.65	21.79	21.76	23
		36	0	21.17	21.23	21.21	22
		36	18	21.17	21.16	21.11	22
		36	39	21.13	21.24	21.17	22
		75	0	21.09	21.15	21.11	22
	64QAM	1	0	21.25	21.34	21.65	22
		1	38	21.66	21.47	21.41	22
		1	74	21.38	21.29	21.4	22
		36	0	20.64	20.66	20.66	21
		36	18	20.49	20.65	20.58	21
		36	39	20.53	20.71	20.65	21
		75	0	20.57	20.65	20.71	21

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Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	23.36	23.35	23.28	24
		1	50	22.6	22.27	22.32	24
		1	99	23.24	23.41	23.36	24
		50	0	22.17	22.24	22.28	23
		50	25	22.06	22.13	22.18	23
		50	50	22.16	22.23	22.17	23
		100	0	22.11	22.25	22.24	23
	16QAM	1	0	21.77	21.9	21.9	23
		1	50	21.03	21.41	21.25	23
		1	99	21.92	21.97	21.94	23
		50	0	21.05	21.18	21.16	22
		50	25	20.98	21.11	21.08	22
		50	50	21.08	21.24	21.17	22
		100	0	21.1	21.12	21.13	22
	64QAM	1	0	21.42	21.46	21.67	22
		1	50	21.66	21.58	21.43	22
		1	99	21.5	21.46	21.54	22
		50	0	20.73	20.8	20.72	21
		50	25	20.62	20.69	20.65	21
		50	50	20.66	20.76	20.68	21
		100	0	20.64	20.77	20.72	21

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LTE Band 41 Hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 40165	Channel 40690	Channel 41215	Tune up
5MHz	QPSK	1	0	21.2	21.29	21.27	22
		1	13	21.18	21.25	21.26	22
		1	24	21.12	21.32	21.29	22
		12	0	21.27	21.37	21.33	22
		12	6	21.19	21.14	21.22	22
		12	13	21.26	21.3	21.28	22
		25	0	21.23	21.32	21.32	22
	16QAM	1	0	21.18	21.2	21.27	22
		1	13	21.17	21.21	21.25	22
		1	24	21.22	21.29	21.29	22
		12	0	21.17	21.23	21.21	22
		12	6	21.13	21.19	21.24	22
		12	13	21.12	21.21	21.2	22
		25	0	21.16	21.2	21.19	22
	64QAM	1	0	20.74	20.89	20.98	22
		1	13	20.44	20.7	20.41	22
		1	24	20.74	20.91	20.95	22
		12	0	20.69	20.72	20.77	21
		12	6	20.5	20.68	20.55	21
		12	13	20.5	20.76	20.66	21
		25	0	20.56	20.61	20.56	21

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Bandwidth	Modulation	RB size	RB offset	Channel 40190	Channel 40690	Channel 41190	Tune up
10MHz	QPSK	1	0	21.2	21.3	21.23	22
		1	25	20.14	20.04	20.07	22
		1	49	21.23	21.32	21.3	22
		25	0	21.23	21.28	21.29	22
		25	13	21.19	21.24	21.26	22
		25	25	21.21	21.31	21.3	22
		50	0	21.17	21.27	21.28	22
	16QAM	1	0	21.29	21.22	21.37	22
		1	25	21.04	20.93	20.91	22
		1	49	21.28	21.29	21.36	22
		25	0	21.17	21.2	21.16	22
		25	13	21.08	21.18	21.19	22
		25	25	21.14	21.21	21.19	22
		50	0	21.13	21.2	21.19	22
	64QAM	1	0	20.82	20.9	20.89	22
		1	25	20.52	20.57	20.45	22
		1	49	20.63	20.93	20.93	22
		25	0	20.61	20.83	20.76	21
		25	13	20.6	20.7	20.54	21
		25	25	20.58	20.73	20.67	21
		50	0	20.47	20.58	20.64	21

Bandwidth	Modulation	RB size	RB offset	Channel 40215	Channel 40690	Channel 41165	Tune up
15MHz	QPSK	1	0	21.25	21.35	21.37	22
		1	38	21.23	21.25	21.25	22
		1	74	21.24	21.38	21.29	22
		36	0	21.33	21.32	21.33	22
		36	18	21.25	21.29	21.25	22
		36	39	21.24	21.36	21.28	22
		75	0	21.23	21.28	21.31	22
	16QAM	1	0	21.43	21.38	21.29	22
		1	38	21.35	21.19	21.18	22
		1	74	21.37	21.4	21.32	22
		36	0	21.25	21.27	21.26	22
		36	18	21.22	21.24	21.25	22
		36	39	21.22	21.29	21.23	22
		75	0	21.18	21.17	21.25	22
	64QAM	1	0	20.77	20.83	20.91	22
		1	38	20.49	20.54	20.42	22
		1	74	20.68	20.95	20.84	22
		36	0	20.71	20.68	20.71	21
		36	18	20.53	20.51	20.59	21
		36	39	20.64	20.72	20.7	21
		75	0	20.62	20.61	20.5	21

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Bandwidth	Modulation	RB size	RB offset	Channel 40240	Channel 40690	Channel 41140	Tune up
20MHz	QPSK	1	0	21.43	21.52	21.47	22
		1	50	20.04	20.03	20.25	22
		1	99	21.37	21.5	21.49	22
		50	0	21.3	21.32	21.3	22
		50	25	21.17	21.27	21.27	22
		50	50	21.24	21.35	21.33	22
		100	0	21.24	21.31	21.33	22
	16QAM	1	0	21.51	21.64	21.62	22
		1	50	21.04	21.15	21.05	22
		1	99	21.55	21.68	21.63	22
		50	0	21.15	21.25	21.26	22
		50	25	21.1	21.15	21.15	22
		50	50	21.19	21.29	21.24	22
		100	0	21.17	21.23	21.24	22
	64QAM	1	0	20.89	21.01	21.01	22
		1	50	20.63	20.72	20.53	22
		1	99	20.78	21	21.02	22
		50	0	20.73	20.84	20.79	21
		50	25	20.61	20.7	20.61	21
		50	50	20.69	20.77	20.74	21
		100	0	20.65	20.74	20.66	21

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8.1.2 Conducted Power of Second Antenna

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	32.82	32.95	33.02	33.8	-9.19	23.63	23.76	23.83	24.61
GPRS/EGPRS (GMSK)	1 TX Slot	32.78	32.96	33.02	33.8	-9.19	23.59	23.77	23.83	24.61
	2 TX Slots	30.59	30.82	30.91	31.8	-6.18	24.41	24.64	24.73	**25.62**
	3 TX Slots	28.29	28.54	28.48	29.8	-4.42	23.87	24.12	24.06	25.38
	4 TX Slots	26.29	26.44	26.33	27.8	-3.17	23.12	23.27	23.16	24.63
EGPRS(8PSK)	1 TX Slot	27.02	27.06	27.07	27.8	-9.19	17.83	17.87	17.88	18.61
	2 TX Slots	25.17	25.21	25.31	25.8	-6.18	18.99	19.03	19.13	19.62
	3 TX Slots	22.68	22.81	22.84	23.8	-4.42	18.26	18.39	18.42	19.38
	4 TX Slots	20.65	20.82	20.78	21.8	-3.17	17.48	17.65	17.61	18.63
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	30.91	30.82	30.93	31	-9.19	21.72	21.63	21.74	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.84	30.75	30.94	31	-9.19	21.65	21.56	21.75	21.81
	2 TX Slots	28.64	28.42	28.56	29	-6.18	22.46	22.24	22.38	**22.82**
	3 TX Slots	26.25	26.21	26.33	27	-4.42	21.83	21.79	21.91	22.58
	4 TX Slots	24.05	24.11	24.14	25	-3.17	20.88	20.94	20.97	21.83
EGPRS(8PSK)	1 TX Slot	26.67	26.49	26.63	27	-9.19	17.48	17.3	17.44	17.81
	2 TX Slots	23.96	23.82	23.91	24	-6.18	17.78	17.64	17.73	17.82
	3 TX Slots	21.89	21.78	21.92	22	-4.42	17.47	17.36	17.5	17.58
	4 TX Slots	19.87	19.78	19.76	20	-3.17	16.7	16.61	16.59	16.83

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GSM 850 Receiver on(Left head)										
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	28.06	28.18	28.14	29.3	-9.19	18.87	18.99	18.95	20.11
GPRS/EGPRS (GMSK)	1 TX Slot	28.14	28.21	28.19	29.3	-9.19	18.95	19.02	19	20.11
	2 TX Slots	26.1	26.23	26.18	27.3	-6.18	19.92	20.05	20	**21.12**
	3 TX Slots	23.96	24.08	24.04	25.3	-4.42	19.54	19.66	19.62	20.88
	4 TX Slots	21.91	22.08	22.01	23.3	-3.17	18.74	18.91	18.84	20.13
EGPRS(8PSK)	1 TX Slot	22.46	22.53	22.56	23.3	-9.19	13.27	13.34	13.37	14.11
	2 TX Slots	20.48	20.61	20.63	21.3	-6.18	14.3	14.43	14.45	15.12
	3 TX Slots	18.47	18.56	18.58	19.3	-4.42	14.05	14.14	14.16	14.88
	4 TX Slots	16.31	16.46	16.51	17.3	-3.17	13.14	13.29	13.34	14.13
GSM 1900 Receiver on(Left head)										
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	26.04	25.93	26.03	26.5	-9.19	16.85	16.74	16.84	17.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.02	25.96	26.02	26.5	-9.19	16.83	16.77	16.83	17.31
	2 TX Slots	23.84	23.67	23.72	24.5	-6.18	17.66	17.49	17.54	**18.32**
	3 TX Slots	21.69	21.56	21.63	22.5	-4.42	17.27	17.14	17.21	18.08
	4 TX Slots	19.92	19.76	19.78	20.5	-3.17	16.75	16.59	16.61	17.33
EGPRS(8PSK)	1 TX Slot	21.87	21.7	21.79	22.5	-9.19	12.68	12.51	12.6	13.31
	2 TX Slots	19.46	19.46	19.42	19.5	-6.18	13.28	13.28	13.24	13.32
	3 TX Slots	17.47	17.38	17.43	17.5	-4.42	13.05	12.96	13.01	13.08
	4 TX Slots	15.48	15.32	15.4	15.5	-3.17	12.31	12.15	12.23	12.33

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GSM 850 Receiver on(Right head)										
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	28.58	28.74	28.67	29.8	-9.19	19.39	19.55	19.48	20.61
GPRS/EGPRS (GMSK)	1 TX Slot	28.68	28.75	28.76	29.8	-9.19	19.49	19.56	19.57	20.61
	2 TX Slots	26.62	26.68	26.64	27.8	-6.18	20.44	20.5	20.46	**21.62**
	3 TX Slots	24.44	24.56	24.52	25.8	-4.42	20.02	20.14	20.1	21.38
	4 TX Slots	22.41	22.52	22.53	23.8	-3.17	19.24	19.35	19.36	20.63
EGPRS(8PSK)	1 TX Slot	23.01	22.97	23.11	23.8	-9.19	13.82	13.78	13.92	14.61
	2 TX Slots	21.01	21.06	21.19	21.8	-6.18	14.83	14.88	15.01	15.62
	3 TX Slots	18.92	19.12	19.13	19.8	-4.42	14.5	14.7	14.71	15.38
	4 TX Slots	16.76	16.95	16.96	17.8	-3.17	13.59	13.78	13.79	14.63
GSM 1900 Receiver on(Right head)										
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	25.52	25.44	25.53	26	-9.19	16.33	16.25	16.34	16.81
GPRS/EGPRS (GMSK)	1 TX Slot	25.53	25.44	25.56	26	-9.19	16.34	16.25	16.37	16.81
	2 TX Slots	23.49	23.42	23.39	24	-6.18	17.31	17.24	17.21	**17.82**
	3 TX Slots	21.2	21.17	21.24	22	-4.42	16.78	16.75	16.82	17.58
	4 TX Slots	19.37	19.24	19.3	20	-3.17	16.2	16.07	16.13	16.83
EGPRS(8PSK)	1 TX Slot	21.39	21.28	21.33	22	-9.19	12.2	12.09	12.14	12.81
	2 TX Slots	18.96	18.91	18.92	19	-6.18	12.78	12.73	12.74	12.82
	3 TX Slots	16.98	16.94	16.99	17	-4.42	12.56	12.52	12.57	12.58
	4 TX Slots	14.91	14.94	14.92	15	-3.17	11.74	11.77	11.75	11.83

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GSM 850 Receiver off (body or limbs)										
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	32.82	32.95	33.02	33.8	-9.19	23.63	23.76	23.83	24.61
GPRS/EGPRS (GMSK)	1 TX Slot	32.78	32.96	33.02	33.8	-9.19	23.59	23.77	23.83	24.61
	2 TX Slots	30.59	30.82	30.91	31.8	-6.18	24.41	24.64	24.73	**25.62**
	3 TX Slots	28.29	28.54	28.48	29.8	-4.42	23.87	24.12	24.06	25.38
	4 TX Slots	26.29	26.44	26.33	27.8	-3.17	23.12	23.27	23.16	24.63
EGPRS(8PSK)	1 TX Slot	27.02	27.06	27.07	27.8	-9.19	17.83	17.87	17.88	18.61
	2 TX Slots	25.17	25.21	25.31	25.8	-6.18	18.99	19.03	19.13	19.62
	3 TX Slots	22.68	22.81	22.84	23.8	-4.42	18.26	18.39	18.42	19.38
	4 TX Slots	20.65	20.82	20.78	21.8	-3.17	17.48	17.65	17.61	18.63
GSM 1900 Receiver off (body or limbs)										
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	30.19	30.15	30.25	30.5	-9.19	21	20.96	21.06	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	30.17	30.16	30.25	30.5	-9.19	20.98	20.97	21.06	21.31
	2 TX Slots	27.76	27.67	27.84	28.5	-6.18	21.58	21.49	21.66	**22.32**
	3 TX Slots	25.6	25.46	25.49	26.5	-4.42	21.18	21.04	21.07	22.08
	4 TX Slots	23.45	23.39	23.44	24.5	-3.17	20.28	20.22	20.27	21.33
EGPRS(8PSK)	1 TX Slot	26.19	26	26.1	26.5	-9.19	17	16.81	16.91	17.31
	2 TX Slots	23.41	23.17	23.47	23.5	-6.18	17.23	16.99	17.29	17.32
	3 TX Slots	21.33	21.23	21.29	21.5	-4.42	16.91	16.81	16.87	17.08
	4 TX Slots	19.22	19.21	19.13	19.5	-3.17	16.05	16.04	15.96	16.33

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GSM 850 Receiver off（body or limbs）+ hotspot 2.4G										
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	29.58	29.68	29.63	30.8	-9.19	20.39	20.49	20.44	21.61
GPRS/EGPRS (GMSK)	1 TX Slot	29.53	29.62	29.59	30.8	-9.19	20.34	20.43	20.4	21.61
	2 TX Slots	27.42	27.48	27.46	28.8	-6.18	21.24	21.3	21.28	**22.62**
	3 TX Slots	25.43	25.55	25.43	26.8	-4.42	21.01	21.13	21.01	22.38
	4 TX Slots	23.29	23.45	23.35	24.8	-3.17	20.12	20.28	20.18	21.63
EGPRS(8PSK)	1 TX Slot	23.73	23.74	23.82	24.8	-9.19	14.54	14.55	14.63	15.61
	2 TX Slots	21.76	21.95	21.95	22.8	-6.18	15.58	15.77	15.77	16.62
	3 TX Slots	19.76	19.97	20.01	20.8	-4.42	15.34	15.55	15.59	16.38
	4 TX Slots	17.72	17.88	17.92	18.8	-3.17	14.55	14.71	14.75	15.63
GSM 1900 Receiver off（body or limbs）+ hotspot 2.4G										
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	26.94	26.91	26.98	27.5	-9.19	17.75	17.72	17.79	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.98	26.89	26.97	27.5	-9.19	17.79	17.7	17.78	18.31
	2 TX Slots	24.84	24.74	24.78	25.5	-6.18	18.66	18.56	18.6	**19.32**
	3 TX Slots	22.66	22.56	22.63	23.5	-4.42	18.24	18.14	18.21	19.08
	4 TX Slots	20.63	20.51	20.52	21.5	-3.17	17.46	17.34	17.35	18.33
EGPRS(8PSK)	1 TX Slot	22.77	22.55	22.68	23.5	-9.19	13.58	13.36	13.49	14.31
	2 TX Slots	20.38	20.36	20.41	20.5	-6.18	14.2	14.18	14.23	14.32
	3 TX Slots	18.48	18.43	18.47	18.5	-4.42	14.06	14.01	14.05	14.08
	4 TX Slots	16.29	16.19	16.25	16.5	-3.17	13.12	13.02	13.08	13.33

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GSM 850 Receiver off （body or limbs）+ hotspot 5G										
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	27.53	27.61	27.58	28.8	-9.19	18.34	18.42	18.39	19.61
GPRS/EGPRS (GMSK)	1 TX Slot	27.62	27.67	27.65	28.8	-9.19	18.43	18.48	18.46	19.61
	2 TX Slots	25.45	25.62	25.58	26.8	-6.18	19.27	19.44	19.4	**20.62**
	3 TX Slots	23.44	23.48	23.43	24.8	-4.42	19.02	19.06	19.01	20.38
	4 TX Slots	21.24	21.34	21.28	22.8	-3.17	18.07	18.17	18.11	19.63
EGPRS(8PSK)	1 TX Slot	21.88	21.99	22.01	22.8	-9.19	12.69	12.8	12.82	13.61
	2 TX Slots	19.93	20.07	20.14	20.8	-6.18	13.75	13.89	13.96	14.62
	3 TX Slots	17.86	17.96	18.01	18.8	-4.42	13.44	13.54	13.59	14.38
	4 TX Slots	15.76	15.93	15.97	16.8	-3.17	12.59	12.76	12.8	13.63
GSM 1900 Receiver off （body or limbs）+ hotspot 5G										
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	24.89	24.78	24.86	25.5	-9.19	15.7	15.59	15.67	16.31
GPRS/EGPRS (GMSK)	1 TX Slot	24.98	24.82	24.91	25.5	-9.19	15.79	15.63	15.72	16.31
	2 TX Slots	22.73	22.63	22.76	23.5	-6.18	16.55	16.45	16.58	**17.32**
	3 TX Slots	20.68	20.61	20.59	21.5	-4.42	16.26	16.19	16.17	17.08
	4 TX Slots	18.75	18.73	18.72	19.5	-3.17	15.58	15.56	15.55	16.33
EGPRS(8PSK)	1 TX Slot	20.84	20.69	20.73	21.5	-9.19	11.65	11.5	11.54	12.31
	2 TX Slots	18.44	18.42	18.45	18.5	-6.18	12.26	12.24	12.27	12.32
	3 TX Slots	16.39	16.42	16.47	16.5	-4.42	11.97	12	12.05	12.08
	4 TX Slots	14.46	14.33	14.38	14.5	-3.17	11.29	11.16	11.21	11.33

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GSM 850 Receiver on(Left head)+hotspot 2.4G										
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	25.15	25.23	25.17	26.3	-9.19	15.96	16.04	15.98	17.11
GPRS/EGPRS (GMSK)	1 TX Slot	25.17	25.3	25.21	26.3	-9.19	15.98	16.11	16.02	17.11
	2 TX Slots	23.09	23.2	23.13	24.3	-6.18	16.91	17.02	16.95	**18.12**
	3 TX Slots	20.72	20.85	20.81	22.3	-4.42	16.3	16.43	16.39	17.88
	4 TX Slots	18.84	19.04	19.03	20.3	-3.17	15.67	15.87	15.86	17.13
EGPRS(8PSK)	1 TX Slot	19.52	19.66	19.75	20.3	-9.19	10.33	10.47	10.56	11.11
	2 TX Slots	17.41	17.56	17.63	18.3	-6.18	11.23	11.38	11.45	12.12
	3 TX Slots	15.49	15.54	15.57	16.3	-4.42	11.07	11.12	11.15	11.88
	4 TX Slots	13.18	13.78	13.67	14.3	-3.17	10.01	10.61	10.5	11.13
GSM 1900 Receiver on(Left head)+ hotspot 2.4G										
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	22.95	22.93	22.94	23.5	-9.19	13.76	13.74	13.75	14.31
GPRS/EGPRS (GMSK)	1 TX Slot	22.97	22.93	22.97	23.5	-9.19	13.78	13.74	13.78	14.31
	2 TX Slots	20.81	20.78	20.81	21.5	-6.18	14.63	14.6	14.63	**15.32**
	3 TX Slots	18.89	18.83	18.93	19.5	-4.42	14.47	14.41	14.51	15.08
	4 TX Slots	16.92	17.14	17.46	17.5	-3.17	13.75	13.97	14.29	14.33
EGPRS(8PSK)	1 TX Slot	18.79	18.78	18.88	19.5	-9.19	9.6	9.59	9.69	10.31
	2 TX Slots	16.44	16.39	16.47	17	-6.18	10.26	10.21	10.29	10.82
	3 TX Slots	14.49	14.23	14.41	15.5	-4.42	10.07	9.81	9.99	11.08
	4 TX Slots	13.83	13.57	13.77	14	-3.17	10.66	10.4	10.6	10.83

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GSM 850 Receiver on(Right head) +hotspot 2.4G										
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	25.65	25.76	25.74	26.8	-9.19	16.46	16.57	16.55	17.61
GPRS/EGPRS (GMSK)	1 TX Slot	25.66	25.77	25.72	26.8	-9.19	16.47	16.58	16.53	17.61
	2 TX Slots	23.5	23.67	23.59	24.8	-6.18	17.32	**17.49**	17.41	**18.62**
	3 TX Slots	21.35	21.49	21.43	22.8	-4.42	16.93	17.07	17.01	18.38
	4 TX Slots	19.31	19.45	19.38	20.8	-3.17	16.14	16.28	16.21	17.63
EGPRS(8PSK)	1 TX Slot	20	20.16	20.17	20.8	-9.19	10.81	10.97	10.98	11.61
	2 TX Slots	17.93	18.06	18.09	18.8	-6.18	11.75	11.88	11.91	12.62
	3 TX Slots	15.75	15.94	16.03	16.8	-4.42	11.33	11.52	11.61	12.38
	4 TX Slots	14.07	14.23	14.18	14.8	-3.17	10.9	11.06	11.01	11.63
GSM 1900 Receiver on(Right head) +hotspot 2.4G										
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	22.45	22.44	22.51	23	-9.19	13.26	13.25	13.32	13.81
GPRS/EGPRS (GMSK)	1 TX Slot	22.46	22.42	22.54	23	-9.19	13.27	13.23	13.35	13.81
	2 TX Slots	20.39	20.27	20.31	21	-6.18	**14.21**	14.09	14.13	**14.82**
	3 TX Slots	18.43	18.37	18.37	19	-4.42	14.01	13.95	13.95	14.58
	4 TX Slots	16.37	16.32	16.56	17	-3.17	13.2	13.15	13.39	13.83
EGPRS(8PSK)	1 TX Slot	18.34	18.28	18.33	19	-9.19	9.15	9.09	9.14	9.81
	2 TX Slots	15.99	15.95	15.96	16.5	-6.18	9.81	9.77	9.78	10.32
	3 TX Slots	13.98	13.94	14	14.5	-4.42	9.56	9.52	9.58	10.08
	4 TX Slots	13.26	13.07	13.38	13.5	-3.17	10.09	9.9	10.21	10.33

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GSM 850 Receiver on(Left head)+hotspot 5G										
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	23.22	23.33	23.25	24.3	-9.19	14.03	14.14	14.06	15.11
GPRS/EGPRS (GMSK)	1 TX Slot	23.21	23.31	23.24	24.3	-9.19	14.02	14.12	14.05	15.11
	2 TX Slots	20.79	20.91	20.86	22.3	-6.18	14.61	**14.73**	14.68	**16.12**
	3 TX Slots	18.91	19.12	19.07	20.3	-4.42	14.49	14.7	14.65	15.88
	4 TX Slots	17.06	17.13	17.1	18.3	-3.17	13.89	13.96	13.93	15.13
EGPRS(8PSK)	1 TX Slot	17.57	17.75	17.78	18.3	-9.19	8.38	8.56	8.59	9.11
	2 TX Slots	15.58	15.63	15.6	16.3	-6.18	9.4	9.45	9.42	10.12
	3 TX Slots	13.19	13.25	13.85	14.3	-4.42	8.77	8.83	9.43	9.88
	4 TX Slots	11.32	11.36	11.45	12.3	-3.17	8.15	8.19	8.28	9.13
GSM 1900 Receiver on(Left head)+ hotspot 5G										
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	20.97	20.98	21.5	-9.19	11.81	11.78	11.79	12.31
GPRS/EGPRS (GMSK)	1 TX Slot	20.98	20.99	21	21.5	-9.19	11.79	11.8	11.81	12.31
	2 TX Slots	19.01	18.93	18.94	19.5	-6.18	12.83	12.75	12.76	**13.32**
	3 TX Slots	17.63	17.84	17.81	17.5	-4.42	13.21	**13.42**	13.39	13.08
	4 TX Slots	14.67	14.78	14.95	15.5	-3.17	11.5	11.61	11.78	12.33
EGPRS(8PSK)	1 TX Slot	16.83	16.78	16.81	17.5	-9.19	7.64	7.59	7.62	8.31
	2 TX Slots	14.48	14.39	14.45	15	-6.18	8.3	8.21	8.27	8.82
	3 TX Slots	13.86	13.59	13.85	14	-4.42	9.44	9.17	9.43	9.58
	4 TX Slots	11.09	10.81	11.74	12	-3.17	7.92	7.64	8.57	8.83

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GSM 850 Receiver on(Right head) +hotspot 5G										
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	23.71	23.73	23.66	24.8	-9.19	14.52	14.54	14.47	15.61
GPRS/EGPRS (GMSK)	1 TX Slot	23.71	23.77	23.69	24.8	-9.19	14.52	14.58	14.5	15.61
	2 TX Slots	21.33	21.56	21.49	22.8	-6.18	15.15	**15.38**	15.31	**16.62**
	3 TX Slots	19.46	19.53	19.46	20.8	-4.42	15.04	15.11	15.04	16.38
	4 TX Slots	17.45	17.65	17.56	18.8	-3.17	14.28	14.48	14.39	15.63
EGPRS(8PSK)	1 TX Slot	18.05	18.15	18.21	18.8	-9.19	8.86	8.96	9.02	9.61
	2 TX Slots	15.88	16.06	16.1	16.8	-6.18	9.7	9.88	9.92	10.62
	3 TX Slots	14.16	14.21	14.21	14.8	-4.42	9.74	9.79	9.79	10.38
	4 TX Slots	11.76	11.82	11.75	12.8	-3.17	8.59	8.65	8.58	9.63
GSM 1900 Receiver on(Right head) +hotspot 5G										
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	20.5	20.51	20.55	21	-9.19	11.31	11.32	11.36	11.81
GPRS/EGPRS (GMSK)	1 TX Slot	20.55	20.54	20.54	21	-9.19	11.36	11.35	11.35	11.81
	2 TX Slots	18.54	18.47	18.51	19	-6.18	12.36	12.29	12.33	**12.82**
	3 TX Slots	17.04	17.25	17.57	17	-4.42	12.62	12.83	**13.15**	12.58
	4 TX Slots	14.16	14.22	14.41	15	-3.17	10.99	11.05	11.24	11.83
EGPRS(8PSK)	1 TX Slot	16.34	16.26	16.32	17	-9.19	7.15	7.07	7.13	7.81
	2 TX Slots	13.98	13.78	13.96	14.5	-6.18	7.8	7.6	7.78	8.32
	3 TX Slots	13.27	13.12	13.33	13.5	-4.42	8.85	8.7	8.91	9.08
	4 TX Slots	10.59	10.31	10.55	11.5	-3.17	7.42	7.14	7.38	8.33

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GSM 850 Receiver on(Left head) + BT										
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	26.19	26.29	26.24	27.3	-9.19	17	17.1	17.05	18.11
GPRS/EGPRS (GMSK)	1 TX Slot	26.13	26.31	26.23	27.3	-9.19	16.94	17.12	17.04	18.11
	2 TX Slots	23.97	24.03	24.07	25.3	-6.18	17.79	17.85	17.89	**19.12**
	3 TX Slots	21.94	22.11	22.02	23.3	-4.42	17.52	17.69	17.6	18.88
	4 TX Slots	19.64	19.81	19.83	21.3	-3.17	16.47	16.64	16.66	18.13
EGPRS(8PSK)	1 TX Slot	20.53	20.65	20.61	21.3	-9.19	11.34	11.46	11.42	12.11
	2 TX Slots	18.54	18.58	18.71	19.3	-6.18	12.36	12.4	12.53	13.12
	3 TX Slots	16.41	16.58	16.64	17.3	-4.42	11.99	12.16	12.22	12.88
	4 TX Slots	14.75	14.87	14.81	15.3	-3.17	11.58	11.7	11.64	12.13

GSM 1900 Receiver on(Left head) + BT										
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	24.01	23.97	24.02	24.5	-9.19	14.82	14.78	14.83	15.31
GPRS/EGPRS (GMSK)	1 TX Slot	24.01	23.96	24.03	24.5	-9.19	14.82	14.77	14.84	15.31
	2 TX Slots	21.77	21.75	21.79	22.5	-6.18	15.59	15.57	15.61	**16.32**
	3 TX Slots	19.83	19.89	19.89	20.5	-4.42	15.41	15.47	15.47	16.08
	4 TX Slots	17.34	17.23	17.28	18.5	-3.17	14.17	14.06	14.11	15.33
EGPRS(8PSK)	1 TX Slot	19.81	19.76	19.84	20.5	-9.19	10.62	10.57	10.65	11.31
	2 TX Slots	17.4	17.42	17.46	17.5	-6.18	11.22	11.24	11.28	11.32
	3 TX Slots	15.36	15.39	15.36	15.5	-4.42	10.94	10.97	10.94	11.08
	4 TX Slots	13.27	13.23	13.35	13.5	-3.17	10.1	10.06	10.18	10.33

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GSM 850 Receiver on(Right head) + BT										
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	26.63	26.75	26.65	27.8	-9.19	17.44	17.56	17.46	18.61
GPRS/EGPRS (GMSK)	1 TX Slot	26.61	26.78	26.73	27.8	-9.19	17.42	17.59	17.54	18.61
	2 TX Slots	24.51	24.63	24.56	25.8	-6.18	18.33	18.45	18.38	**19.62**
	3 TX Slots	22.46	22.65	22.54	23.8	-4.42	18.04	18.23	18.12	19.38
	4 TX Slots	20.15	20.31	20.26	21.8	-3.17	16.98	17.14	17.09	18.63
EGPRS(8PSK)	1 TX Slot	21.04	21.12	21.15	21.8	-9.19	11.85	11.93	11.96	12.61
	2 TX Slots	18.98	19.13	19.17	19.8	-6.18	12.8	12.95	12.99	13.62
	3 TX Slots	16.97	17.03	17.08	17.8	-4.42	12.55	12.61	12.66	13.38
	4 TX Slots	15.19	15.28	15.29	15.8	-3.17	12.02	12.11	12.12	12.63

GSM 1900 Receiver on(Right head) + BT										
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	23.51	23.46	23.56	24	-9.19	14.32	14.27	14.37	14.81
GPRS/EGPRS (GMSK)	1 TX Slot	23.52	23.52	23.57	24	-9.19	14.33	14.33	14.38	14.81
	2 TX Slots	21.27	21.24	21.26	22	-6.18	15.09	15.06	15.08	**15.82**
	3 TX Slots	19.45	19.38	19.46	20	-4.42	15.03	14.96	15.04	15.58
	4 TX Slots	17.75	17.85	17.63	18	-3.17	14.58	14.68	14.46	14.83
EGPRS(8PSK)	1 TX Slot	19.34	19.2	19.27	20	-9.19	10.15	10.01	10.08	10.81
	2 TX Slots	16.98	16.75	16.87	17	-6.18	10.8	10.57	10.69	10.82
	3 TX Slots	15	14.92	14.96	15	-4.42	10.58	10.5	10.54	10.58
	4 TX Slots	12.24	12.77	12.79	13	-3.17	9.07	9.6	9.62	9.83

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GSM 850 Receiver off（body or limbs）+ BT										
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	30.61	30.72	30.71	31.8	-9.19	21.42	21.53	21.52	22.61
GPRS/EGPRS (GMSK)	1 TX Slot	30.61	30.78	30.59	31.8	-9.19	21.42	21.59	21.4	22.61
	2 TX Slots	28.39	28.47	28.46	29.8	-6.18	22.21	22.29	22.28	**23.62**
	3 TX Slots	26.31	26.47	26.39	27.8	-4.42	21.89	22.05	21.97	23.38
	4 TX Slots	24.25	24.39	24.31	25.8	-3.17	21.08	21.22	21.14	22.63
EGPRS(8PSK)	1 TX Slot	25.13	25.21	25.26	25.8	-9.19	15.94	16.02	16.07	16.61
	2 TX Slots	22.73	22.87	22.94	23.8	-6.18	16.55	16.69	16.76	17.62
	3 TX Slots	20.7	20.87	20.84	21.8	-4.42	16.28	16.45	16.42	17.38
	4 TX Slots	18.55	18.78	18.77	19.8	-3.17	15.38	15.61	15.6	16.63
GSM 1900 Receiver off（body or limbs）+ BT										
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	28.04	28.10	28.12	28.5	-9.19	18.85	18.91	18.93	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.11	28.08	28.17	28.5	-9.19	18.92	18.89	18.98	19.31
	2 TX Slots	25.85	25.83	25.88	26.5	-6.18	19.67	19.65	19.7	**20.32**
	3 TX Slots	23.7	23.73	23.72	24.5	-4.42	19.28	19.31	19.3	20.08
	4 TX Slots	21.01	21.06	21.03	22.5	-3.17	17.84	17.89	17.86	19.33
EGPRS(8PSK)	1 TX Slot	23.59	23.55	23.84	24.5	-9.19	14.4	14.36	14.65	15.31
	2 TX Slots	21.38	21.38	21.41	21.5	-6.18	15.2	15.2	15.23	15.32
	3 TX Slots	19.33	19.29	19.27	19.5	-4.42	14.91	14.87	14.85	15.08
	4 TX Slots	17.2	17.14	17.13	17.5	-3.17	14.03	13.97	13.96	14.33

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GSM 850 Receiver on(Right head) + BT										
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	26.63	26.75	26.65	27.8	-9.19	17.44	17.56	17.46	18.61
GPRS/EGPRS (GMSK)	1 TX Slot	26.61	26.78	26.73	27.8	-9.19	17.42	17.59	17.54	18.61
	2 TX Slots	24.51	24.63	24.56	25.8	-6.18	18.33	**18.45**	18.38	**19.62**
	3 TX Slots	22.46	22.65	22.54	23.8	-4.42	18.04	18.23	18.12	19.38
	4 TX Slots	20.15	20.31	20.26	21.8	-3.17	16.98	17.14	17.09	18.63
EGPRS(8PSK)	1 TX Slot	21.04	21.12	21.15	21.8	-9.19	11.85	11.93	11.96	12.61
	2 TX Slots	18.98	19.13	19.17	19.8	-6.18	12.8	12.95	12.99	13.62
	3 TX Slots	16.97	17.03	17.08	17.8	-4.42	12.55	12.61	12.66	13.38
	4 TX Slots	15.19	15.28	15.29	15.8	-3.17	12.02	12.11	12.12	12.63
GSM 1900 Receiver on(Right head) + BT										
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	23.51	23.46	23.56	24	-9.19	14.32	14.27	14.37	14.81
GPRS/EGPRS (GMSK)	1 TX Slot	23.52	23.52	23.57	24	-9.19	14.33	14.33	14.38	14.81
	2 TX Slots	21.27	21.24	21.26	22	-6.18	**15.09**	**15.06**	15.08	**15.82**
	3 TX Slots	19.45	19.38	19.46	20	-4.42	15.03	14.96	15.04	15.58
	4 TX Slots	17.75	17.85	17.63	18	-3.17	14.58	14.68	14.46	14.83
EGPRS(8PSK)	1 TX Slot	19.34	19.2	19.27	20	-9.19	10.15	10.01	10.08	10.81
	2 TX Slots	16.98	16.75	16.87	17	-6.18	10.8	10.57	10.69	10.82
	3 TX Slots	15	14.92	14.96	15	-4.42	10.58	10.5	10.54	10.58
	4 TX Slots	12.24	12.77	12.79	13	-3.17	9.07	9.6	9.62	9.83

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GSM 850 Receiver off （body or limbs）+ BT										
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	30.61	30.72	30.71	31.8	-9.19	21.42	21.53	21.52	22.61
GPRS/EGPRS (GMSK)	1 TX Slot	30.61	30.78	30.59	31.8	-9.19	21.42	21.59	21.4	22.61
	2 TX Slots	28.39	28.47	28.46	29.8	-6.18	22.21	**22.29**	22.28	**23.62**
	3 TX Slots	26.31	26.47	26.39	27.8	-4.42	21.89	22.05	21.97	23.38
	4 TX Slots	24.25	24.39	24.31	25.8	-3.17	21.08	21.22	21.14	22.63
EGPRS(8PSK)	1 TX Slot	25.13	25.21	25.26	25.8	-9.19	15.94	16.02	16.07	16.61
	2 TX Slots	22.73	22.87	22.94	23.8	-6.18	16.55	16.69	16.76	17.62
	3 TX Slots	20.7	20.87	20.84	21.8	-4.42	16.28	16.45	16.42	17.38
	4 TX Slots	18.55	18.78	18.77	19.8	-3.17	15.38	15.61	15.6	16.63
GSM 1900 Receiver off （body or limbs）+ BT										
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	28.04	28.10	28.12	28.5	-9.19	18.85	18.91	18.93	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.11	28.08	28.17	28.5	-9.19	18.92	18.89	18.98	19.31
	2 TX Slots	25.85	25.83	25.88	26.5	-6.18	**19.67**	**19.65**	**19.7**	**20.32**
	3 TX Slots	23.7	23.73	23.72	24.5	-4.42	19.28	19.31	19.3	20.08
	4 TX Slots	21.01	21.06	21.03	22.5	-3.17	17.84	17.89	17.86	19.33
EGPRS(8PSK)	1 TX Slot	23.59	23.55	23.84	24.5	-9.19	14.4	14.36	14.65	15.31
	2 TX Slots	21.38	21.38	21.41	21.5	-6.18	15.2	15.2	15.23	15.32
	3 TX Slots	19.33	19.29	19.27	19.5	-4.42	14.91	14.87	14.85	15.08
	4 TX Slots	17.2	17.14	17.13	17.5	-3.17	14.03	13.97	13.96	14.33

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GSM 850 Receiver on(Left head)+hotspot 2.4G										
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	25.15	25.23	25.17	26.3	-9.19	15.96	16.04	15.98	17.11
GPRS/EGPRS (GMSK)	1 TX Slot	25.17	25.3	25.21	26.3	-9.19	15.98	16.11	16.02	17.11
	2 TX Slots	23.09	23.2	23.13	24.3	-6.18	16.91	**17.02**	16.95	**18.12**
	3 TX Slots	20.72	20.85	20.81	22.3	-4.42	16.3	16.43	16.39	17.88
	4 TX Slots	18.84	19.04	19.03	20.3	-3.17	15.67	15.87	15.86	17.13
EGPRS(8PSK)	1 TX Slot	19.52	19.66	19.75	20.3	-9.19	10.33	10.47	10.56	11.11
	2 TX Slots	17.41	17.56	17.63	18.3	-6.18	11.23	11.38	11.45	12.12
	3 TX Slots	15.49	15.54	15.57	16.3	-4.42	11.07	11.12	11.15	11.88
	4 TX Slots	13.18	13.78	13.67	14.3	-3.17	10.01	10.61	10.5	11.13
GSM 1900 Receiver on(Left head)+ hotspot 2.4G										
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	22.95	22.93	22.94	23.5	-9.19	13.76	13.74	13.75	14.31
GPRS/EGPRS (GMSK)	1 TX Slot	22.97	22.93	22.97	23.5	-9.19	13.78	13.74	13.78	14.31
	2 TX Slots	20.81	20.78	20.81	21.5	-6.18	**14.63**	14.6	**14.63**	**15.32**
	3 TX Slots	18.89	18.83	18.93	19.5	-4.42	14.47	14.41	14.51	15.08
	4 TX Slots	16.92	17.14	17.46	17.5	-3.17	13.75	13.97	14.29	14.33
EGPRS(8PSK)	1 TX Slot	18.79	18.78	18.88	19.5	-9.19	9.6	9.59	9.69	10.31
	2 TX Slots	16.44	16.39	16.47	17	-6.18	10.26	10.21	10.29	10.82
	3 TX Slots	14.49	14.23	14.41	15.5	-4.42	10.07	9.81	9.99	11.08
	4 TX Slots	13.83	13.57	13.77	14	-3.17	10.66	10.4	10.6	10.83

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GSM 850 Receiver on(Right head) +hotspot 2.4G										
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	25.65	25.76	25.74	26.8	-9.19	16.46	16.57	16.55	17.61
GPRS/EGPRS (GMSK)	1 TX Slot	25.66	25.77	25.72	26.8	-9.19	16.47	16.58	16.53	17.61
	2 TX Slots	23.5	23.67	23.59	24.8	-6.18	17.32	17.49	17.41	**18.62**
	3 TX Slots	21.35	21.49	21.43	22.8	-4.42	16.93	17.07	17.01	18.38
	4 TX Slots	19.31	19.45	19.38	20.8	-3.17	16.14	16.28	16.21	17.63
EGPRS(8PSK)	1 TX Slot	20	20.16	20.17	20.8	-9.19	10.81	10.97	10.98	11.61
	2 TX Slots	17.93	18.06	18.09	18.8	-6.18	11.75	11.88	11.91	12.62
	3 TX Slots	15.75	15.94	16.03	16.8	-4.42	11.33	11.52	11.61	12.38
	4 TX Slots	14.07	14.23	14.18	14.8	-3.17	10.9	11.06	11.01	11.63
GSM 1900 Receiver on(Right head) +hotspot 2.4G										
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	22.45	22.44	22.51	23	-9.19	13.26	13.25	13.32	13.81
GPRS/EGPRS (GMSK)	1 TX Slot	22.46	22.42	22.54	23	-9.19	13.27	13.23	13.35	13.81
	2 TX Slots	20.39	20.27	20.31	21	-6.18	14.21	14.09	14.13	**14.82**
	3 TX Slots	18.43	18.37	18.37	19	-4.42	14.01	13.95	13.95	14.58
	4 TX Slots	16.37	16.32	16.56	17	-3.17	13.2	13.15	13.39	13.83
EGPRS(8PSK)	1 TX Slot	18.34	18.28	18.33	19	-9.19	9.15	9.09	9.14	9.81
	2 TX Slots	15.99	15.95	15.96	16.5	-6.18	9.81	9.77	9.78	10.32
	3 TX Slots	13.98	13.94	14	14.5	-4.42	9.56	9.52	9.58	10.08
	4 TX Slots	13.26	13.07	13.38	13.5	-3.17	10.09	9.9	10.21	10.33

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GSM 850 Receiver on(Left head)+hotspot 5G										
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	23.22	23.33	23.25	24.3	-9.19	14.03	14.14	14.06	15.11
GPRS/EGPRS (GMSK)	1 TX Slot	23.21	23.31	23.24	24.3	-9.19	14.02	14.12	14.05	15.11
	2 TX Slots	20.79	20.91	20.86	22.3	-6.18	14.61	**14.73**	14.68	**16.12**
	3 TX Slots	18.91	19.12	19.07	20.3	-4.42	14.49	14.7	14.65	15.88
	4 TX Slots	17.06	17.13	17.1	18.3	-3.17	13.89	13.96	13.93	15.13
EGPRS(8PSK)	1 TX Slot	17.57	17.75	17.78	18.3	-9.19	8.38	8.56	8.59	9.11
	2 TX Slots	15.58	15.63	15.6	16.3	-6.18	9.4	9.45	9.42	10.12
	3 TX Slots	13.19	13.25	13.85	14.3	-4.42	8.77	8.83	9.43	9.88
	4 TX Slots	11.32	11.36	11.45	12.3	-3.17	8.15	8.19	8.28	9.13

GSM 1900 Receiver on(Left head)+ hotspot 5G										
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	20.97	20.98	21.5	-9.19	11.81	11.78	11.79	12.31
GPRS/EGPRS (GMSK)	1 TX Slot	20.98	20.99	21	21.5	-9.19	11.79	11.8	11.81	12.31
	2 TX Slots	19.01	18.93	18.94	19.5	-6.18	12.83	12.75	12.76	**13.32**
	3 TX Slots	17.63	17.84	17.81	17.5	-4.42	13.21	**13.42**	13.39	13.08
	4 TX Slots	14.67	14.78	14.95	15.5	-3.17	11.5	11.61	11.78	12.33
EGPRS(8PSK)	1 TX Slot	16.83	16.78	16.81	17.5	-9.19	7.64	7.59	7.62	8.31
	2 TX Slots	14.48	14.39	14.45	15	-6.18	8.3	8.21	8.27	8.82
	3 TX Slots	13.86	13.59	13.85	14	-4.42	9.44	9.17	9.43	9.58
	4 TX Slots	11.09	10.81	11.74	12	-3.17	7.92	7.64	8.57	8.83

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GSM 850 Receiver on(Right head) +hotspot 5G										
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	23.71	23.73	23.66	24.8	-9.19	14.52	14.54	14.47	15.61
GPRS/EGPRS (GMSK)	1 TX Slot	23.71	23.77	23.69	24.8	-9.19	14.52	14.58	14.5	15.61
	2 TX Slots	21.33	21.56	21.49	22.8	-6.18	15.15	**15.38**	15.31	**16.62**
	3 TX Slots	19.46	19.53	19.46	20.8	-4.42	15.04	15.11	15.04	16.38
	4 TX Slots	17.45	17.65	17.56	18.8	-3.17	14.28	14.48	14.39	15.63
EGPRS(8PSK)	1 TX Slot	18.05	18.15	18.21	18.8	-9.19	8.86	8.96	9.02	9.61
	2 TX Slots	15.88	16.06	16.1	16.8	-6.18	9.7	9.88	9.92	10.62
	3 TX Slots	14.16	14.21	14.21	14.8	-4.42	9.74	9.79	9.79	10.38
	4 TX Slots	11.76	11.82	11.75	12.8	-3.17	8.59	8.65	8.58	9.63
GSM 1900 Receiver on(Right head) +hotspot 5G										
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	20.5	20.51	20.55	21	-9.19	11.31	11.32	11.36	11.81
GPRS/EGPRS (GMSK)	1 TX Slot	20.55	20.54	20.54	21	-9.19	11.36	11.35	11.35	11.81
	2 TX Slots	18.54	18.47	18.51	19	-6.18	12.36	12.29	12.33	**12.82**
	3 TX Slots	17.04	17.25	17.57	17	-4.42	12.62	12.83	**13.15**	12.58
	4 TX Slots	14.16	14.22	14.41	15	-3.17	10.99	11.05	11.24	11.83
EGPRS(8PSK)	1 TX Slot	16.34	16.26	16.32	17	-9.19	7.15	7.07	7.13	7.81
	2 TX Slots	13.98	13.78	13.96	14.5	-6.18	7.8	7.6	7.78	8.32
	3 TX Slots	13.27	13.12	13.33	13.5	-4.42	8.85	8.7	8.91	9.08
	4 TX Slots	10.59	10.31	10.55	11.5	-3.17	7.42	7.14	7.38	8.33

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GSM 850 Receiver on(Left head) + BT										
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	26.19	26.29	26.24	27.3	-9.19	17	17.1	17.05	18.11
GPRS/EGPRS (GMSK)	1 TX Slot	26.13	26.31	26.23	27.3	-9.19	16.94	17.12	17.04	18.11
	2 TX Slots	23.97	24.03	24.07	25.3	-6.18	17.79	17.85	**17.89**	**19.12**
	3 TX Slots	21.94	22.11	22.02	23.3	-4.42	17.52	17.69	17.6	18.88
	4 TX Slots	19.64	19.81	19.83	21.3	-3.17	16.47	16.64	16.66	18.13
EGPRS(8PSK)	1 TX Slot	20.53	20.65	20.61	21.3	-9.19	11.34	11.46	11.42	12.11
	2 TX Slots	18.54	18.58	18.71	19.3	-6.18	12.36	12.4	12.53	13.12
	3 TX Slots	16.41	16.58	16.64	17.3	-4.42	11.99	12.16	12.22	12.88
	4 TX Slots	14.75	14.87	14.81	15.3	-3.17	11.58	11.7	11.64	12.13

GSM 1900 Receiver on(Left head) + BT										
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	24.01	23.97	24.02	24.5	-9.19	14.82	14.78	14.83	15.31
GPRS/EGPRS (GMSK)	1 TX Slot	24.01	23.96	24.03	24.5	-9.19	14.82	14.77	14.84	15.31
	2 TX Slots	21.77	21.75	21.79	22.5	-6.18	**15.59**	**15.57**	**15.61**	**16.32**
	3 TX Slots	19.83	19.89	19.89	20.5	-4.42	15.41	15.47	15.47	16.08
	4 TX Slots	17.34	17.23	17.28	18.5	-3.17	14.17	14.06	14.11	15.33
EGPRS(8PSK)	1 TX Slot	19.81	19.76	19.84	20.5	-9.19	10.62	10.57	10.65	11.31
	2 TX Slots	17.4	17.42	17.46	17.5	-6.18	11.22	11.24	11.28	11.32
	3 TX Slots	15.36	15.39	15.36	15.5	-4.42	10.94	10.97	10.94	11.08
	4 TX Slots	13.27	13.23	13.35	13.5	-3.17	10.1	10.06	10.18	10.33

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GSM 850 Receiver on(Right head) + BT										
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	26.63	26.75	26.65	27.8	-9.19	17.44	17.56	17.46	18.61
GPRS/EGPRS (GMSK)	1 TX Slot	26.61	26.78	26.73	27.8	-9.19	17.42	17.59	17.54	18.61
	2 TX Slots	24.51	24.63	24.56	25.8	-6.18	18.33	**18.45**	18.38	**19.62**
	3 TX Slots	22.46	22.65	22.54	23.8	-4.42	18.04	18.23	18.12	19.38
	4 TX Slots	20.15	20.31	20.26	21.8	-3.17	16.98	17.14	17.09	18.63
EGPRS(8PSK)	1 TX Slot	21.04	21.12	21.15	21.8	-9.19	11.85	11.93	11.96	12.61
	2 TX Slots	18.98	19.13	19.17	19.8	-6.18	12.8	12.95	12.99	13.62
	3 TX Slots	16.97	17.03	17.08	17.8	-4.42	12.55	12.61	12.66	13.38
	4 TX Slots	15.19	15.28	15.29	15.8	-3.17	12.02	12.11	12.12	12.63

GSM 1900 Receiver on(Right head) + BT										
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	23.51	23.46	23.56	24	-9.19	14.32	14.27	14.37	14.81
GPRS/EGPRS (GMSK)	1 TX Slot	23.52	23.52	23.57	24	-9.19	14.33	14.33	14.38	14.81
	2 TX Slots	21.27	21.24	21.26	22	-6.18	**15.09**	**15.06**	15.08	**15.82**
	3 TX Slots	19.45	19.38	19.46	20	-4.42	15.03	14.96	15.04	15.58
	4 TX Slots	17.75	17.85	17.63	18	-3.17	14.58	14.68	14.46	14.83
EGPRS(8PSK)	1 TX Slot	19.34	19.2	19.27	20	-9.19	10.15	10.01	10.08	10.81
	2 TX Slots	16.98	16.75	16.87	17	-6.18	10.8	10.57	10.69	10.82
	3 TX Slots	15	14.92	14.96	15	-4.42	10.58	10.5	10.54	10.58
	4 TX Slots	12.24	12.77	12.79	13	-3.17	9.07	9.6	9.62	9.83

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GSM 850 Receiver off （body or limbs）+ BT										
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	30.61	30.72	30.71	31.8	-9.19	21.42	21.53	21.52	22.61
GPRS/EGPRS (GMSK)	1 TX Slot	30.61	30.78	30.59	31.8	-9.19	21.42	21.59	21.4	22.61
	2 TX Slots	28.39	28.47	28.46	29.8	-6.18	22.21	**22.29**	22.28	**23.62**
	3 TX Slots	26.31	26.47	26.39	27.8	-4.42	21.89	22.05	21.97	23.38
	4 TX Slots	24.25	24.39	24.31	25.8	-3.17	21.08	21.22	21.14	22.63
EGPRS(8PSK)	1 TX Slot	25.13	25.21	25.26	25.8	-9.19	15.94	16.02	16.07	16.61
	2 TX Slots	22.73	22.87	22.94	23.8	-6.18	16.55	16.69	16.76	17.62
	3 TX Slots	20.7	20.87	20.84	21.8	-4.42	16.28	16.45	16.42	17.38
	4 TX Slots	18.55	18.78	18.77	19.8	-3.17	15.38	15.61	15.6	16.63
GSM 1900 Receiver off （body or limbs）+ BT										
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	28.04	28.10	28.12	28.5	-9.19	18.85	18.91	18.93	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.11	28.08	28.17	28.5	-9.19	18.92	18.89	18.98	19.31
	2 TX Slots	25.85	25.83	25.88	26.5	-6.18	**19.67**	**19.65**	**19.7**	**20.32**
	3 TX Slots	23.7	23.73	23.72	24.5	-4.42	19.28	19.31	19.3	20.08
	4 TX Slots	21.01	21.06	21.03	22.5	-3.17	17.84	17.89	17.86	19.33
EGPRS(8PSK)	1 TX Slot	23.59	23.55	23.84	24.5	-9.19	14.4	14.36	14.65	15.31
	2 TX Slots	21.38	21.38	21.41	21.5	-6.18	15.2	15.2	15.23	15.32
	3 TX Slots	19.33	19.29	19.27	19.5	-4.42	14.91	14.87	14.85	15.08
	4 TX Slots	17.2	17.14	17.13	17.5	-3.17	14.03	13.97	13.96	14.33

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GSM 850 Receiver on(Left head) + WiFi2.4G Ant1										
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	25.15	25.23	25.18	26.3	-9.19	15.96	16.04	15.99	17.11
GPRS/EGPRS (GMSK)	1 TX Slot	25.11	25.21	25.14	26.3	-9.19	15.92	16.02	15.95	17.11
	2 TX Slots	23.12	23.22	23.18	24.3	-6.18	16.94	**17.04**	17	**18.12**
	3 TX Slots	20.69	20.89	20.86	22.3	-4.42	16.27	16.47	16.44	17.88
	4 TX Slots	18.82	18.99	19.04	20.3	-3.17	15.65	15.82	15.87	17.13
EGPRS(8PSK)	1 TX Slot	19.56	19.64	19.72	20.3	-9.19	10.37	10.45	10.53	11.11
	2 TX Slots	17.38	17.51	17.58	18.3	-6.18	11.2	11.33	11.4	12.12
	3 TX Slots	15.43	15.56	15.56	16.3	-4.42	11.01	11.14	11.14	11.88
	4 TX Slots	13.11	13.67	13.68	14.3	-3.17	9.94	10.5	10.51	11.13
GSM 1900 Receiver on(Left head) + WiFi2.4G Ant1										
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	22.93	22.94	23.04	23.5	-9.19	13.74	13.75	13.85	14.31
GPRS/EGPRS (GMSK)	1 TX Slot	23.01	23.02	23.05	23.5	-9.19	13.82	13.83	13.86	14.31
	2 TX Slots	20.84	20.83	20.81	21.5	-6.18	**14.66**	**14.65**	14.63	**15.32**
	3 TX Slots	18.88	18.8	18.83	19.5	-4.42	14.46	14.38	14.41	15.08
	4 TX Slots	16.91	17.13	17.45	17.5	-3.17	13.74	13.96	14.28	14.33
EGPRS(8PSK)	1 TX Slot	18.87	18.71	18.81	19.5	-9.19	9.68	9.52	9.62	10.31
	2 TX Slots	16.72	16.42	16.48	17	-6.18	10.54	10.24	10.3	10.82
	3 TX Slots	14.66	14.47	14.39	15.5	-4.42	10.24	10.05	9.97	11.08
	4 TX Slots	13.82	13.56	13.78	14	-3.17	10.65	10.39	10.61	10.83

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GSM 850 Receiver on(Right head) + WiFi2.4G Ant1										
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	25.67	25.79	25.75	26.8	-9.19	16.48	16.6	16.56	17.61
GPRS/EGPRS (GMSK)	1 TX Slot	25.68	25.77	25.74	26.8	-9.19	16.49	16.58	16.55	17.61
	2 TX Slots	23.56	23.58	23.51	24.8	-6.18	17.38	**17.4**	17.33	**18.62**
	3 TX Slots	21.31	21.42	21.39	22.8	-4.42	16.89	17	16.97	18.38
	4 TX Slots	19.34	19.49	19.39	20.8	-3.17	16.17	16.32	16.22	17.63
EGPRS(8PSK)	1 TX Slot	20.01	20.17	20.21	20.8	-9.19	10.82	10.98	11.02	11.61
	2 TX Slots	17.95	18.02	18.09	18.8	-6.18	11.77	11.84	11.91	12.62
	3 TX Slots	15.78	15.94	16.04	16.8	-4.42	11.36	11.52	11.62	12.38
	4 TX Slots	14.07	14.14	14.26	14.8	-3.17	10.9	10.97	11.09	11.63

GSM 1900 Receiver on(Right head) + WiFi2.4G Ant1										
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	22.50	22.52	22.54	23	-9.19	13.31	13.33	13.35	13.81
GPRS/EGPRS (GMSK)	1 TX Slot	22.51	22.52	22.53	23	-9.19	13.32	13.33	13.34	13.81
	2 TX Slots	20.34	20.33	20.35	21	-6.18	**14.16**	**14.15**	**14.17**	**14.82**
	3 TX Slots	18.42	18.37	18.41	19	-4.42	14	13.95	13.99	14.58
	4 TX Slots	16.32	16.41	16.63	17	-3.17	13.15	13.24	13.46	13.83
EGPRS(8PSK)	1 TX Slot	18.39	18.29	18.34	19	-9.19	9.2	9.1	9.15	9.81
	2 TX Slots	15.98	15.78	15.93	16.5	-6.18	9.8	9.6	9.75	10.32
	3 TX Slots	13.99	13.91	13.94	15	-4.42	9.57	9.49	9.52	10.58
	4 TX Slots	13.27	13.08	13.27	13.5	-3.17	10.1	9.91	10.1	10.33

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GSM 850 Receiver off （body or limbs）+ WiFi2.4G Ant1										
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	29.61	29.69	29.67	30.8	-9.19	20.42	20.5	20.48	21.61
GPRS/EGPRS (GMSK)	1 TX Slot	29.63	29.71	29.65	30.8	-9.19	20.44	20.52	#REF!	21.61
	2 TX Slots	27.45	27.54	27.52	28.8	-6.18	21.27	21.36	**23.47**	**22.62**
	3 TX Slots	25.37	25.58	25.46	26.8	-4.42	20.95	21.16	21.04	22.38
	4 TX Slots	23.31	23.48	23.28	24.8	-3.17	20.14	20.31	20.11	21.63
EGPRS(8PSK)	1 TX Slot	23.79	23.84	23.88	24.8	-9.19	14.6	14.65	14.69	15.61
	2 TX Slots	21.75	21.85	21.93	22.8	-6.18	15.57	15.67	15.75	16.62
	3 TX Slots	19.75	19.85	19.91	20.8	-4.42	15.33	15.43	15.49	16.38
	4 TX Slots	17.61	17.77	17.78	18.8	-3.17	14.44	14.6	14.61	15.63
GSM 1900 Receiver off （body or limbs）+ WiFi2.4G Ant1										
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	27.00	26.98	27.04	27.5	-9.19	17.81	17.79	17.85	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.99	26.97	27.02	27.5	-9.19	17.8	17.78	17.83	18.31
	2 TX Slots	24.87	24.81	24.86	25.5	-6.18	**18.69**	**18.63**	18.68	**19.32**
	3 TX Slots	22.74	22.82	22.74	23.5	-4.42	18.32	18.4	18.32	19.08
	4 TX Slots	20.14	20.07	20.09	21.5	-3.17	16.97	16.9	16.92	18.33
EGPRS(8PSK)	1 TX Slot	22.63	22.59	22.67	23.5	-9.19	13.44	13.4	13.48	14.31
	2 TX Slots	20.44	20.4	20.48	20.5	-6.18	14.26	14.22	14.3	14.32
	3 TX Slots	18.34	18.29	18.36	18.5	-4.42	13.92	13.87	13.94	14.08
	4 TX Slots	16.14	16.17	16.22	16.5	-3.17	12.97	13	13.05	13.33

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GSM 850 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO										
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	23.24	23.34	23.29	24.3	-9.19	14.05	14.15	14.1	15.11
GPRS/EGPRS (GMSK)	1 TX Slot	23.18	23.34	23.25	24.3	-9.19	13.99	14.15	14.06	15.11
	2 TX Slots	20.81	20.95	20.89	22.3	-6.18	14.63	**14.77**	14.71	**16.12**
	3 TX Slots	18.95	19.08	19.07	20.3	-4.42	14.53	14.66	14.65	15.88
	4 TX Slots	16.95	17.1	17.14	18.3	-3.17	13.78	13.93	13.97	15.13
EGPRS(8PSK)	1 TX Slot	17.61	17.7	17.77	18.3	-9.19	8.42	8.51	8.58	9.11
	2 TX Slots	15.654	15.62	15.61	16.3	-6.18	9.474	9.44	9.43	10.12
	3 TX Slots	13.25	13.26	13.82	14.3	-4.42	8.83	8.84	9.4	9.88
	4 TX Slots	11.31	11.38	11.37	12.3	-3.17	8.14	8.21	8.2	9.13
GSM 1900 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO										
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	20.99	20.97	20.99	24.3	-9.19	11.8	11.78	11.8	**15.11**
GPRS/EGPRS (GMSK)	1 TX Slot	21.02	20.95	21.01	21.5	-9.19	11.83	11.76	11.82	12.31
	2 TX Slots	19.02	18.95	18.98	19.5	-6.18	12.84	12.77	12.8	13.32
	3 TX Slots	17.69	17.93	17.87	17.5	-4.42	**13.27**	**13.51**	13.45	13.08
	4 TX Slots	14.57	14.67	14.89	15.5	-3.17	11.4	11.5	11.72	12.33
EGPRS(8PSK)	1 TX Slot	16.91	16.78	16.84	17.5	-9.19	7.72	7.59	7.65	8.31
	2 TX Slots	13.98	13.89	13.99	15	-6.18	7.8	7.71	7.81	8.82
	3 TX Slots	13.84	13.69	13.82	14	-4.42	9.42	9.27	9.4	9.58
	4 TX Slots	11.04	10.75	11.86	12	-3.17	7.87	7.58	8.69	8.83

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GSM 850 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO										
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	23.71	23.76	23.68	24.8	-9.19	14.52	14.57	14.49	15.61
GPRS/EGPRS (GMSK)	1 TX Slot	23.73	23.79	23.71	24.8	-9.19	14.54	14.6	14.52	15.61
	2 TX Slots	21.36	21.45	21.47	22.8	-6.18	15.18	15.27	**15.29**	**16.62**
	3 TX Slots	19.43	19.57	19.49	20.8	-4.42	15.01	15.15	15.07	16.38
	4 TX Slots	17.52	17.62	17.57	18.8	-3.17	14.35	14.45	14.4	15.63
EGPRS(8PSK)	1 TX Slot	18.13	18.21	18.23	18.8	-9.19	8.94	9.02	9.04	9.61
	2 TX Slots	15.9	16.06	16.07	16.8	-6.18	9.72	9.88	9.89	10.62
	3 TX Slots	14.17	14.28	14.23	14.8	-4.42	9.75	9.86	9.81	10.38
	4 TX Slots	11.74	11.87	11.85	12.8	-3.17	8.57	8.7	8.68	9.63

GSM 1900 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO										
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	20.49	20.54	20.56	21	-9.19	11.3	11.35	11.37	11.81
GPRS/EGPRS (GMSK)	1 TX Slot	20.53	20.56	20.57	21	-9.19	11.34	11.37	11.38	11.81
	2 TX Slots	18.52	18.47	18.49	19	-6.18	12.34	12.29	12.31	**12.82**
	3 TX Slots	16.98	17.21	17.49	17	-4.42	**12.56**	**12.79**	**13.07**	12.58
	4 TX Slots	14.16	14.21	14.39	15	-3.17	10.99	11.04	11.22	11.83
EGPRS(8PSK)	1 TX Slot	16.35	16.28	16.33	17	-9.19	7.16	7.09	7.14	7.81
	2 TX Slots	13.99	13.78	13.98	14.5	-6.18	7.81	7.6	7.8	8.32
	3 TX Slots	13.26	13.14	13.31	13.5	-4.42	8.84	8.72	8.89	9.08
	4 TX Slots	10.59	10.52	10.64	11.5	-3.17	7.42	7.35	7.47	8.33

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GSM 850 Receiver off（body or limbs）+ WiFi5G Ant1/Ant2/MIMO										
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	27.62	27.71	27.63	28.8	-9.19	18.43	18.52	18.44	19.61
GPRS/EGPRS (GMSK)	1 TX Slot	27.61	27.66	27.59	28.8	-9.19	18.42	18.47	18.4	19.61
	2 TX Slots	25.46	25.65	25.55	26.8	-6.18	19.28	**19.47**	19.37	**20.62**
	3 TX Slots	23.51	23.65	23.56	24.8	-4.42	19.09	19.23	19.14	20.38
	4 TX Slots	21.31	21.46	21.45	22.8	-3.17	18.14	18.29	18.28	19.63
EGPRS(8PSK)	1 TX Slot	21.91	22.02	22.13	22.8	-9.19	12.72	12.83	12.94	13.61
	2 TX Slots	19.89	20.02	20.05	20.8	-6.18	13.71	13.84	13.87	14.62
	3 TX Slots	17.72	17.96	17.94	18.8	-4.42	13.3	13.54	13.52	14.38
	4 TX Slots	15.71	15.85	15.89	16.8	-3.17	12.54	12.68	12.72	13.63

GSM 1900 Receiver off（body or limbs）+ WiFi5G Ant1/Ant2/MIMO										
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	24.97	24.96	24.94	25.5	-9.19	15.78	15.77	15.75	16.31
GPRS/EGPRS (GMSK)	1 TX Slot	24.96	24.98	24.94	25.5	-9.19	15.77	15.79	15.75	16.31
	2 TX Slots	22.75	22.74	22.77	23.5	-6.18	**16.57**	**16.56**	**16.59**	**17.32**
	3 TX Slots	20.66	20.63	20.67	21.5	-4.42	16.24	16.21	16.25	17.08
	4 TX Slots	18.36	18.32	18.31	19.5	-3.17	15.19	15.15	15.14	16.33
EGPRS(8PSK)	1 TX Slot	20.78	20.67	20.74	21.5	-9.19	11.59	11.48	11.55	12.31
	2 TX Slots	18.63	18.66	18.71	18.5	-6.18	12.45	12.48	12.53	12.32
	3 TX Slots	16.34	16.35	16.39	16.5	-4.42	11.92	11.93	11.97	12.08
	4 TX Slots	14.29	14.3	14.33	14.5	-3.17	11.12	11.13	11.16	11.33

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GSM 850 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO										
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	23.24	23.34	23.29	24.3	-9.19	14.05	14.15	14.1	15.11
GPRS/EGPRS (GMSK)	1 TX Slot	23.18	23.34	23.25	24.3	-9.19	13.99	14.15	14.06	15.11
	2 TX Slots	20.81	20.95	20.89	22.3	-6.18	14.63	**14.77**	14.71	**16.12**
	3 TX Slots	18.95	19.08	19.07	20.3	-4.42	14.53	14.66	14.65	15.88
	4 TX Slots	16.95	17.1	17.14	18.3	-3.17	13.78	13.93	13.97	15.13
EGPRS(8PSK)	1 TX Slot	17.61	17.7	17.77	18.3	-9.19	8.42	8.51	8.58	9.11
	2 TX Slots	15.654	15.62	15.61	16.3	-6.18	9.474	9.44	9.43	10.12
	3 TX Slots	13.25	13.26	13.82	14.3	-4.42	8.83	8.84	9.4	9.88
	4 TX Slots	11.31	11.38	11.37	12.3	-3.17	8.14	8.21	8.2	9.13

GSM 850 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO										
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	23.71	23.76	23.68	24.8	-9.19	14.52	14.57	14.49	15.61
GPRS/EGPRS (GMSK)	1 TX Slot	23.73	23.79	23.71	24.8	-9.19	14.54	14.6	14.52	15.61
	2 TX Slots	21.36	21.45	21.47	22.8	-6.18	15.18	15.27	**15.29**	**16.62**
	3 TX Slots	19.43	19.57	19.49	20.8	-4.42	15.01	15.15	15.07	16.38
	4 TX Slots	17.52	17.62	17.57	18.8	-3.17	14.35	14.45	14.4	15.63
EGPRS(8PSK)	1 TX Slot	18.13	18.21	18.23	18.8	-9.19	8.94	9.02	9.04	9.61
	2 TX Slots	15.9	16.06	16.07	16.8	-6.18	9.72	9.88	9.89	10.62
	3 TX Slots	14.17	14.28	14.23	14.8	-4.42	9.75	9.86	9.81	10.38
	4 TX Slots	11.74	11.87	11.85	12.8	-3.17	8.57	8.7	8.68	9.63

GSM 850 Receiver off （body or limbs) + BT + WiFi5G Ant1/Ant2/MIMO										
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	27.62	27.71	27.63	28.8	-9.19	18.43	18.52	18.44	19.61
GPRS/EGPRS (GMSK)	1 TX Slot	27.61	27.66	27.59	28.8	-9.19	18.42	18.47	18.4	19.61
	2 TX Slots	25.46	25.65	25.55	26.8	-6.18	19.28	**19.47**	19.37	**20.62**
	3 TX Slots	23.51	23.65	23.56	24.8	-4.42	19.09	19.23	19.14	20.38
	4 TX Slots	21.31	21.46	21.45	22.8	-3.17	18.14	18.29	18.28	19.63
EGPRS(8PSK)	1 TX Slot	21.91	22.02	22.13	22.8	-9.19	12.72	12.83	12.94	13.61
	2 TX Slots	19.89	20.02	20.05	20.8	-6.18	13.71	13.84	13.87	14.62
	3 TX Slots	17.72	17.96	17.94	18.8	-4.42	13.3	13.54	13.52	14.38
	4 TX Slots	15.71	15.85	15.89	16.8	-3.17	12.54	12.68	12.72	13.63

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GSM 850 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2										
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	25.15	25.23	25.18	26.3	-9.19	15.96	16.04	15.99	17.11
GPRS/EGPRS (GMSK)	1 TX Slot	25.11	25.21	25.14	26.3	-9.19	15.92	16.02	15.95	17.11
	2 TX Slots	23.12	23.22	23.18	24.3	-6.18	16.94	**17.04**	17	**18.12**
	3 TX Slots	20.69	20.89	20.86	22.3	-4.42	16.27	16.47	16.44	17.88
	4 TX Slots	18.82	18.99	19.04	20.3	-3.17	15.65	15.82	15.87	17.13
EGPRS(8PSK)	1 TX Slot	19.56	19.64	19.72	20.3	-9.19	10.37	10.45	10.53	11.11
	2 TX Slots	17.38	17.51	17.58	18.3	-6.18	11.2	11.33	11.4	12.12
	3 TX Slots	15.43	15.56	15.56	16.3	-4.42	11.01	11.14	11.14	11.88
	4 TX Slots	13.11	13.67	13.68	14.3	-3.17	9.94	10.5	10.51	11.13

GSM 850 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2										
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	25.67	25.79	25.75	26.8	-9.19	16.48	16.6	16.56	17.61
GPRS/EGPRS (GMSK)	1 TX Slot	25.68	25.77	25.74	26.8	-9.19	16.49	16.58	16.55	17.61
	2 TX Slots	23.56	23.58	23.51	24.8	-6.18	17.38	**17.4**	17.33	**18.62**
	3 TX Slots	21.31	21.42	21.39	22.8	-4.42	16.89	17	16.97	18.38
	4 TX Slots	19.34	19.49	19.39	20.8	-3.17	16.17	16.32	16.22	17.63
EGPRS(8PSK)	1 TX Slot	20.01	20.17	20.21	20.8	-9.19	10.82	10.98	11.02	11.61
	2 TX Slots	17.95	18.02	18.09	18.8	-6.18	11.77	11.84	11.91	12.62
	3 TX Slots	15.78	15.94	16.04	16.8	-4.42	11.36	11.52	11.62	12.38
	4 TX Slots	14.07	14.14	14.26	14.8	-3.17	10.9	10.97	11.09	11.63

GSM 850 Receiver off （body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2										
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	29.61	29.69	29.67	30.8	-9.19	20.42	20.5	20.48	21.61
GPRS/EGPRS (GMSK)	1 TX Slot	29.63	29.71	29.65	30.8	-9.19	20.44	20.52	#REF!	21.61
	2 TX Slots	27.45	27.54	27.52	28.8	-6.18	21.27	21.36	**23.47**	**22.62**
	3 TX Slots	25.37	25.58	25.46	26.8	-4.42	20.95	21.16	21.04	22.38
	4 TX Slots	23.31	23.48	23.28	24.8	-3.17	20.14	20.31	20.11	21.63
EGPRS(8PSK)	1 TX Slot	23.79	23.84	23.88	24.8	-9.19	14.6	14.65	14.69	15.61
	2 TX Slots	21.75	21.85	21.93	22.8	-6.18	15.57	15.67	15.75	16.62
	3 TX Slots	19.75	19.85	19.91	20.8	-4.42	15.33	15.43	15.49	16.38
	4 TX Slots	17.61	17.77	17.78	18.8	-3.17	14.44	14.6	14.61	15.63

Table 13： Conducted Power Of GSM

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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 Receiver on(Left head)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.7	16.64	16.56	17.5
	12.2kbps AMR	16.68	16.61	16.52	17.5
HSDPA	Subtest 1	16.12	15.94	15.91	17
	Subtest 2	15.49	15.41	15.29	16
	Subtest 3	14.59	14.74	14.67	15.5
	Subtest 4	15.11	14.86	14.72	15.5
HSUPA	Subtest 1	15.31	15.18	15.16	15.5
	Subtest 2	12.28	12.18	12.17	12.5
	Subtest 3	14.29	14.17	14.19	14.5
	Subtest 4	12.52	12.61	12.57	13
	Subtest 5	15.31	15.18	15.08	15.5
DC-HSDPA	Subtest 1	16.09	15.87	15.8	17
	Subtest 2	15.38	15.39	15.18	16
	Subtest 3	14.58	14.7	14.64	15.5
	Subtest 4	15.03	14.76	14.68	15.5

WCDMA Band II Receiver on(Right head)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.69	15.63	15.52	16.5
	12.2kbps AMR	15.66	15.59	15.5	16.5
HSDPA	Subtest 1	15.01	14.97	14.95	16
	Subtest 2	14.4	14.37	14.45	15
	Subtest 3	13.57	13.53	13.68	14.5
	Subtest 4	14.96	13.71	13.54	14.5
HSUPA	Subtest 1	14.27	14.16	14.07	14.5
	Subtest 2	11.26	11.16	11.16	11.5
	Subtest 3	12.25	12.15	12.17	13.5
	Subtest 4	11.66	11.68	11.57	12
	Subtest 5	14.13	14.15	14.17	14.5
DC-HSDPA	Subtest 1	14.88	14.84	14.91	16
	Subtest 2	14.38	14.34	14.44	15
	Subtest 3	13.49	13.45	13.57	14.5
	Subtest 4	14.37	13.71	13.45	14.5

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WCDMA Band II Receiver off （body or limbs）					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.75	20.72	20.61	21.5
	12.2kbps AMR	20.72	20.69	20.58	21.5
HSDPA	Subtest 1	20.29	19.95	19.83	21
	Subtest 2	19.92	19.54	19.65	20
	Subtest 3	19.05	18.82	18.85	19.5
	Subtest 4	19	18.71	18.73	19.5
HSUPA	Subtest 1	19.32	19.21	19.11	19.5
	Subtest 2	16.31	16.22	16.11	16.5
	Subtest 3	18.3	18.21	18.11	18.5
	Subtest 4	16.82	16.75	16.66	17
	Subtest 5	19.33	19.19	19.12	19.5
DC-HSDPA	Subtest 1	20.15	19.86	19.82	21
	Subtest 2	19.83	19.48	19.63	20
	Subtest 3	19.01	18.8	18.81	19.5
	Subtest 4	18.95	18.59	18.61	19.5

WCDMA Band II Receiver off （body or limbs）+ hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.76	17.73	17.57	18.5
	12.2kbps AMR	17.72	17.69	17.54	18.5
HSDPA	Subtest 1	16.52	16.45	16.44	18
	Subtest 2	15.84	15.87	15.88	17
	Subtest 3	15.08	15.03	15.24	16.5
	Subtest 4	16.45	15.22	15.06	16.5
HSUPA	Subtest 1	15.74	15.69	15.54	16.5
	Subtest 2	12.82	12.71	12.63	13.5
	Subtest 3	13.77	13.65	13.71	15.5
	Subtest 4	13.12	13.2	13.11	14
	Subtest 5	15.63	15.7	15.64	16.5
DC-HSDPA	Subtest 1	16.36	16.37	16.44	18
	Subtest 2	15.95	15.84	15.91	17
	Subtest 3	14.94	14.9	15.04	16.5
	Subtest 4	16.3	15.29	14.9	16.5

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WCDMA Band II Receiver off (body or limbs) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.76	15.74	15.59	16.5
	12.2kbps AMR	15.73	15.71	15.55	16.5
HSDPA	Subtest 1	14.52	14.45	14.44	16
	Subtest 2	13.84	13.87	13.88	15
	Subtest 3	13.08	13.03	13.24	14.5
	Subtest 4	14.45	13.22	13.06	14.5
HSUPA	Subtest 1	13.74	13.69	13.54	14.5
	Subtest 2	10.82	10.71	10.63	11.5
	Subtest 3	11.77	11.65	11.71	13.5
	Subtest 4	11.12	11.2	11.11	12
	Subtest 5	13.63	13.7	13.64	14.5
DC-HSDPA	Subtest 1	14.36	14.37	14.44	16
	Subtest 2	13.95	13.84	13.91	15
	Subtest 3	12.94	12.9	13.04	14.5
	Subtest 4	14.3	13.29	12.9	14.5

WCDMA Band II Receiver on(Left head) +hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	13.53	13.54	13.57	14.5
	12.2kbps AMR	13.5	13.51	13.53	14.5
HSDPA	Subtest 1	13.02	12.95	12.94	14
	Subtest 2	12.34	12.37	12.38	13
	Subtest 3	11.58	11.53	11.74	12.5
	Subtest 4	12.35	11.72	11.56	12.5
HSUPA	Subtest 1	12.24	12.19	12.04	12.5
	Subtest 2	9.32	9.21	9.13	9.5
	Subtest 3	10.27	10.15	10.21	11.5
	Subtest 4	9.62	9.7	9.61	10
	Subtest 5	12.13	12.2	12.14	12.5
DC-HSDPA	Subtest 1	12.86	12.87	12.94	14
	Subtest 2	12.45	12.34	12.41	13
	Subtest 3	11.44	11.4	11.54	12.5
	Subtest 4	12.3	11.79	11.4	12.5

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WCDMA Band II Receiver on(Right head) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	12.61	12.54	12.58	13.5
	12.2kbps AMR	12.58	12.51	12.55	13.5
HSDPA	Subtest 1	12.08	12.03	12.04	13
	Subtest 2	11.36	11.46	11.41	12
	Subtest 3	10.68	10.63	10.83	11.5
	Subtest 4	11.96	10.79	10.63	11.5
HSUPA	Subtest 1	11.26	11.28	11.04	11.5
	Subtest 2	8.36	8.24	8.14	8.5
	Subtest 3	9.37	9.19	9.26	10.5
	Subtest 4	8.64	8.77	8.64	9
	Subtest 5	11.17	11.25	11.18	11.5
DC-HSDPA	Subtest 1	11.89	11.92	11.98	13
	Subtest 2	11.52	11.35	11.43	12
	Subtest 3	10.44	10.47	10.57	11.5
	Subtest 4	11.29	10.84	10.42	11.5

WCDMA Band II Receiver on(Left head) +hotspot 5G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	11.55	11.57	11.59	12.5
	12.2kbps AMR	11.51	11.54	11.55	12.5
HSDPA	Subtest 1	10.98	10.99	11.01	12
	Subtest 2	10.33	10.43	10.36	11
	Subtest 3	9.6	9.59	9.79	10.5
	Subtest 4	10.94	9.72	9.61	10.5
HSUPA	Subtest 1	10.17	10.23	10	10.5
	Subtest 2	7.35	7.14	7.1	7.5
	Subtest 3	8.34	8.18	8.2	9.5
	Subtest 4	7.59	7.75	7.59	8
	Subtest 5	10.14	10.2	10.09	10.5
DC-HSDPA	Subtest 1	10.8	10.87	10.9	12
	Subtest 2	10.42	10.31	10.39	11
	Subtest 3	9.44	9.38	9.48	10.5
	Subtest 4	10.31	9.82	9.37	10.5

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WCDMA Band II Receiver on(Right head) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	10.55	10.57	10.58	11.5
	12.2kbps AMR	10.52	10.54	10.54	11.5
HSDPA	Subtest 1	10.03	10.04	10.03	11
	Subtest 2	9.35	9.51	9.37	10
	Subtest 3	8.65	8.65	8.82	9.5
	Subtest 4	9.29	8.73	8.67	9.5
HSUPA	Subtest 1	9.27	9.32	9.06	9.5
	Subtest 2	6.35	6.17	6.16	6.5
	Subtest 3	7.4	7.18	7.3	8.5
	Subtest 4	6.63	6.82	6.68	7
	Subtest 5	9.23	9.23	9.13	9.5
DC-HSDPA	Subtest 1	9.8	9.93	9.97	11
	Subtest 2	9.49	9.4	9.42	10
	Subtest 3	8.49	8.46	8.54	9.5
	Subtest 4	9.35	8.91	8.43	9.5

WCDMA Band II Receiver on(Left head) + BT					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.57	14.58	14.62	15.5
	12.2kbps AMR	14.53	14.54	14.59	15.5
HSDPA	Subtest 1	14.02	14.02	13.99	15
	Subtest 2	13.27	13.5	13.36	14
	Subtest 3	12.39	12.64	12.78	13.5
	Subtest 4	13.27	12.73	12.58	13.5
HSUPA	Subtest 1	13.25	13.26	13.04	13.5
	Subtest 2	10.35	10.09	10.11	10.5
	Subtest 3	11.4	11.09	11.26	12.5
	Subtest 4	10.58	10.73	10.63	11
	Subtest 5	13.16	13.21	13.05	13.5
DC-HSDPA	Subtest 1	13.79	13.91	13.92	15
	Subtest 2	13.45	13.36	13.36	14
	Subtest 3	12.47	12.38	12.53	13.5
	Subtest 4	13.28	12.9	12.4	13.5

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WCDMA Band II Receiver on(Right head) + BT					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	13.56	13.55	13.59	14.5
	12.2kbps AMR	13.52	13.51	13.56	14.5
HSDPA	Subtest 1	13.06	13.11	13.02	14
	Subtest 2	12.28	12.55	12.38	13
	Subtest 3	11.61	11.64	11.79	12.5
	Subtest 4	12.02	11.77	11.58	12.5
HSUPA	Subtest 1	12.35	12.31	12.1	12.5
	Subtest 2	9.39	9.14	9.12	9.5
	Subtest 3	10.46	10.14	10.29	11.5
	Subtest 4	9.65	9.78	9.67	10
	Subtest 5	12.24	12.22	12.1	12.5
DC-HSDPA	Subtest 1	12.81	12.96	12.99	14
	Subtest 2	12.52	12.39	12.38	13
	Subtest 3	11.55	11.38	11.58	12.5
	Subtest 4	12.33	11.92	11.47	12.5

WCDMA Band II Receiver off (body or limbs) + BT					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.61	18.57	18.47	19.5
	12.2kbps AMR	18.58	18.52	18.43	19.5
HSDPA	Subtest 1	18	18.06	17.97	19
	Subtest 2	17.19	17.49	17.35	18
	Subtest 3	16.56	16.54	16.77	17.5
	Subtest 4	17.29	16.73	16.53	17.5
HSUPA	Subtest 1	17.3	17.24	17.06	17.5
	Subtest 2	14.36	14.07	14.08	14.5
	Subtest 3	15.41	15.07	15.23	16.5
	Subtest 4	14.64	14.77	14.62	15
	Subtest 5	17.23	17.16	17.1	17.5
DC-HSDPA	Subtest 1	17.81	17.9	17.95	19
	Subtest 2	17.49	17.3	17.31	18
	Subtest 3	16.48	16.38	16.54	17.5
	Subtest 4	17.15	16.87	16.47	17.5

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WCDMA Band II Receiver on(Left head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	13.56	13.57	13.51	14.5
	12.2kbps AMR	13.53	13.54	13.47	14.5
HSDPA	Subtest 1	12.96	12.99	12.89	14
	Subtest 2	12.17	12.4	12.32	13
	Subtest 3	11.54	11.5	11.74	12.5
	Subtest 4	12.19	11.72	11.52	12.5
HSUPA	Subtest 1	12.24	12.23	12.01	12.5
	Subtest 2	9.34	9.04	9	9.5
	Subtest 3	10.36	10.03	10.21	11.5
	Subtest 4	9.6	9.68	9.59	10
	Subtest 5	12.17	12.11	12.01	12.5
DC-HSDPA	Subtest 1	12.75	12.88	12.89	14
	Subtest 2	12.45	12.28	12.22	13
	Subtest 3	11.41	11.35	11.54	12.5
	Subtest 4	12.24	11.8	11.47	12.5

WCDMA Band II Receiver on(Right head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	12.53	12.56	12.59	13.5
	12.2kbps AMR	12.49	12.53	12.55	13.5
HSDPA	Subtest 1	11.88	11.93	11.84	13
	Subtest 2	11.17	11.4	11.28	12
	Subtest 3	10.53	10.49	10.72	11.5
	Subtest 4	11.22	10.64	10.42	11.5
HSUPA	Subtest 1	11.17	11.12	10.98	11.5
	Subtest 2	8.28	7.93	7.95	8.5
	Subtest 3	9.33	9.02	9.13	10.5
	Subtest 4	8.58	8.62	8.58	9
	Subtest 5	11.16	11	10.99	11.5
DC-HSDPA	Subtest 1	11.7	11.8	11.83	13
	Subtest 2	11.4	11.23	11.15	12
	Subtest 3	10.37	10.28	10.51	11.5
	Subtest 4	11.24	10.7	10.36	11.5

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WCDMA Band II Receiver off (body or limbs) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.62	17.58	17.47	18.5
	12.2kbps AMR	17.58	17.54	17.43	18.5
HSDPA	Subtest 1	16.92	16.93	16.93	18
	Subtest 2	16.26	16.44	16.36	17
	Subtest 3	15.55	15.52	15.76	16.5
	Subtest 4	16.17	15.73	15.46	16.5
HSUPA	Subtest 1	16.27	16.2	16.07	16.5
	Subtest 2	13.38	12.94	13.05	13.5
	Subtest 3	14.37	14.07	14.2	15.5
	Subtest 4	13.68	13.69	13.68	14
	Subtest 5	16.21	16.06	16.03	16.5
DC-HSDPA	Subtest 1	16.8	16.81	16.92	18
	Subtest 2	16.5	16.3	16.19	17
	Subtest 3	15.44	15.38	15.55	16.5
	Subtest 4	16.27	15.72	15.42	16.5

WCDMA Band II Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	11.55	11.61	11.54	12.5
	12.2kbps AMR	11.52	11.57	11.49	12.5
HSDPA	Subtest 1	10.85	10.85	10.85	12
	Subtest 2	10.22	10.37	10.29	11
	Subtest 3	9.47	9.5	9.76	10.5
	Subtest 4	10.29	9.63	9.42	10.5
HSUPA	Subtest 1	10.26	10.14	10.01	10.5
	Subtest 2	7.3	6.87	7.05	7.5
	Subtest 3	8.28	8.04	8.12	9.5
	Subtest 4	7.64	7.67	7.6	8
	Subtest 5	10.13	9.99	9.98	10.5
DC-HSDPA	Subtest 1	10.76	10.79	10.91	12
	Subtest 2	10.46	10.25	10.11	11
	Subtest 3	9.38	9.33	9.48	10.5
	Subtest 4	10.15	9.69	9.42	10.5

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WCDMA Band II Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	10.53	10.55	10.58	11.5
	12.2kbps AMR	10.49	10.51	10.56	11.5
HSDPA	Subtest 1	9.86	9.85	9.86	11
	Subtest 2	9.27	9.39	9.31	10
	Subtest 3	8.56	8.54	8.81	9.5
	Subtest 4	9.24	8.65	8.51	9.5
HSUPA	Subtest 1	9.31	9.23	9.04	9.5
	Subtest 2	6.34	5.93	6.07	6.5
	Subtest 3	7.33	7.14	7.18	8.5
	Subtest 4	6.65	6.68	6.69	7
	Subtest 5	9.15	9.08	9.07	9.5
DC-HSDPA	Subtest 1	9.79	9.85	9.93	11
	Subtest 2	9.5	9.33	9.14	10
	Subtest 3	8.45	8.4	8.52	9.5
	Subtest 4	9.22	8.74	8.45	9.5

WCDMA Band II Receiver off （body or limbs) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.62	15.55	15.47	16.5
	12.2kbps AMR	15.58	15.51	15.44	16.5
HSDPA	Subtest 1	14.82	14.82	14.86	16
	Subtest 2	14.19	14.31	14.3	15
	Subtest 3	13.54	13.51	13.72	14.5
	Subtest 4	14.23	13.59	13.43	14.5
HSUPA	Subtest 1	14.22	14.16	14.01	14.5
	Subtest 2	11.28	10.85	11	11.5
	Subtest 3	12.33	12.12	12.11	13.5
	Subtest 4	11.62	11.62	11.63	12
	Subtest 5	14.12	14.07	14	14.5
DC-HSDPA	Subtest 1	14.72	14.84	14.92	16
	Subtest 2	14.38	14.27	14.05	15
	Subtest 3	13.43	13.36	13.4	14.5
	Subtest 4	14.3	13.65	13.35	14.5

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WCDMA Band II Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	11.55	11.61	11.54	12.5
	12.2kbps AMR	11.52	11.57	11.49	12.5
HSDPA	Subtest 1	10.85	10.85	10.85	12
	Subtest 2	10.22	10.37	10.29	11
	Subtest 3	9.47	9.5	9.76	10.5
	Subtest 4	10.19	9.63	9.42	10.5
HSUPA	Subtest 1	10.26	10.14	10.01	10.5
	Subtest 2	7.3	6.87	7.05	7.5
	Subtest 3	8.28	8.04	8.12	9.5
	Subtest 4	7.64	7.67	7.6	8
	Subtest 5	10.13	9.99	9.98	10.5
DC-HSDPA	Subtest 1	10.76	10.79	10.91	12
	Subtest 2	10.46	10.25	10.11	11
	Subtest 3	9.38	9.33	9.48	10.5
	Subtest 4	10.15	9.69	9.42	10.5

WCDMA Band II Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	10.53	10.55	10.58	11.5
	12.2kbps AMR	10.49	10.51	10.56	11.5
HSDPA	Subtest 1	9.86	9.85	9.86	11
	Subtest 2	9.27	9.39	9.31	10
	Subtest 3	8.56	8.54	8.81	9.5
	Subtest 4	9.24	8.65	8.51	9.5
HSUPA	Subtest 1	9.31	9.23	9.04	9.5
	Subtest 2	6.34	5.93	6.07	6.5
	Subtest 3	7.33	7.14	7.18	8.5
	Subtest 4	6.65	6.68	6.69	7
	Subtest 5	9.15	9.08	9.07	9.5
DC-HSDPA	Subtest 1	9.79	9.85	9.93	11
	Subtest 2	9.5	9.33	9.14	10
	Subtest 3	8.45	8.4	8.52	9.5
	Subtest 4	9.12	8.74	8.45	9.5

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WCDMA Band II Receiver off （body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.62	15.55	15.47	16.5
	12.2kbps AMR	15.58	15.51	15.44	16.5
HSDPA	Subtest 1	14.82	14.82	14.86	16
	Subtest 2	14.19	14.31	14.3	15
	Subtest 3	13.54	13.51	13.72	14.5
	Subtest 4	14.23	13.59	13.43	14.5
HSUPA	Subtest 1	14.22	14.16	14.01	14.5
	Subtest 2	11.28	10.85	11	11.5
	Subtest 3	12.33	12.12	12.11	13.5
	Subtest 4	11.62	11.62	11.63	12
	Subtest 5	14.12	14.07	14	14.5
DC-HSDPA	Subtest 1	14.72	14.84	14.92	16
	Subtest 2	14.38	14.27	14.05	15
	Subtest 3	13.43	13.36	13.4	14.5
	Subtest 4	14.1	13.65	13.35	14.5

WCDMA Band II Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	13.56	13.57	13.51	14.5
	12.2kbps AMR	13.53	13.54	13.47	14.5
HSDPA	Subtest 1	12.96	12.99	12.89	14
	Subtest 2	12.17	12.4	12.32	13
	Subtest 3	11.54	11.5	11.74	12.5
	Subtest 4	12.19	11.72	11.52	12.5
HSUPA	Subtest 1	12.24	12.23	12.01	12.5
	Subtest 2	9.34	9.04	9	9.5
	Subtest 3	10.36	10.03	10.21	11.5
	Subtest 4	9.6	9.68	9.59	10
	Subtest 5	12.17	12.11	12.01	12.5
DC-HSDPA	Subtest 1	12.75	12.88	12.89	14
	Subtest 2	12.45	12.28	12.22	13
	Subtest 3	11.41	11.35	11.54	12.5
	Subtest 4	12.14	11.8	11.47	12.5

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WCDMA Band II Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	12.53	12.56	12.59	13.5
	12.2kbps AMR	12.49	12.53	12.55	13.5
HSDPA	Subtest 1	11.88	11.93	11.84	13
	Subtest 2	11.17	11.4	11.28	12
	Subtest 3	10.53	10.49	10.72	11.5
	Subtest 4	11.12	10.64	10.42	11.5
HSUPA	Subtest 1	11.17	11.12	10.98	11.5
	Subtest 2	8.28	7.93	7.95	8.5
	Subtest 3	9.33	9.02	9.13	10.5
	Subtest 4	8.58	8.62	8.58	9
	Subtest 5	11.16	11	10.99	11.5
DC-HSDPA	Subtest 1	11.7	11.8	11.83	13
	Subtest 2	11.4	11.23	11.15	12
	Subtest 3	10.37	10.28	10.51	11.5
	Subtest 4	11.14	10.7	10.36	11.5

WCDMA Band II Receiver off （body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.62	17.58	17.47	18.5
	12.2kbps AMR	17.58	17.54	17.43	18.5
HSDPA	Subtest 1	16.92	16.93	16.93	18
	Subtest 2	16.26	16.44	16.36	17
	Subtest 3	15.55	15.52	15.76	16.5
	Subtest 4	16.17	15.73	15.46	16.5
HSUPA	Subtest 1	16.27	16.2	16.07	16.5
	Subtest 2	13.38	12.94	13.05	13.5
	Subtest 3	14.37	14.07	14.2	15.5
	Subtest 4	13.68	13.69	13.68	14
	Subtest 5	16.21	16.06	16.03	16.5
DC-HSDPA	Subtest 1	16.8	16.81	16.92	18
	Subtest 2	16.5	16.3	16.19	17
	Subtest 3	15.44	15.38	15.55	16.5
	Subtest 4	16.17	15.72	15.42	16.5

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WCDMA Band IV Receiver on(Left head)					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.61	18.59	18.58	19.5
	12.2kbps AMR	18.58	18.56	18.56	19.5
HSDPA	Subtest 1	18.03	17.72	17.85	19
	Subtest 2	17.54	17.32	17.43	18
	Subtest 3	16.91	16.53	16.72	17.5
	Subtest 4	16.83	16.61	16.6	17.5
HSUPA	Subtest 1	17.24	17.05	17.07	17.5
	Subtest 2	14.21	14.03	14.04	15
	Subtest 3	14.72	14.56	14.59	15.5
	Subtest 4	14.76	14.58	14.62	15.5
	Subtest 5	17.22	17.04	17.07	17.5
DC-HSDPA	Subtest 1	18.02	17.66	17.79	19
	Subtest 2	17.51	17.22	17.33	18
	Subtest 3	16.82	16.45	16.65	17.5
	Subtest 4	16.75	16.58	16.51	17.5

WCDMA Band IV Receiver on(Right head)					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.13	17.13	17.14	18
	12.2kbps AMR	17.11	17.12	17.12	18
HSDPA	Subtest 1	15.54	15.34	15.35	17.5
	Subtest 2	16.13	15.87	15.91	16.5
	Subtest 3	15.27	15.88	15.12	16
	Subtest 4	15.13	15.95	14.96	16
HSUPA	Subtest 1	15.71	15.54	15.56	16
	Subtest 2	12.69	12.52	12.58	13.5
	Subtest 3	13.21	13.13	13.05	14
	Subtest 4	13.24	13.16	13.09	14
	Subtest 5	15.69	15.56	15.57	16
DC-HSDPA	Subtest 1	15.46	15.28	15.34	17.5
	Subtest 2	16.05	15.84	15.86	16.5
	Subtest 3	15.18	15.85	15.09	16
	Subtest 4	15.11	15.95	14.88	16

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WCDMA Band IV Receiver off (body or limbs)					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.69	20.62	20.65	21.5
	12.2kbps AMR	20.66	20.58	20.62	21.5
HSDPA	Subtest 1	20.15	19.95	19.94	21
	Subtest 2	19.69	19.45	19.47	20
	Subtest 3	19.05	18.84	18.84	19.5
	Subtest 4	18.93	18.67	18.81	19.5
HSUPA	Subtest 1	19.24	19.1	19.09	19.5
	Subtest 2	16.23	16.08	16.09	17
	Subtest 3	16.72	16.49	16.58	17.5
	Subtest 4	16.71	16.5	16.54	17.5
	Subtest 5	19.22	19.07	19.1	19.5
DC-HSDPA	Subtest 1	20.11	19.92	19.88	21
	Subtest 2	19.64	19.41	19.46	20
	Subtest 3	19.02	18.83	18.75	19.5
	Subtest 4	18.84	18.56	18.77	19.5

WCDMA Band IV Receiver off (body or limbs) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.73	17.63	17.64	18.5
	12.2kbps AMR	17.69	17.6	17.61	18.5
HSDPA	Subtest 1	17.14	16.89	16.91	18
	Subtest 2	16.59	16.37	16.46	17
	Subtest 3	16.01	15.72	15.82	16.5
	Subtest 4	15.85	15.64	15.73	16.5
HSUPA	Subtest 1	16.13	16.01	16.05	16.5
	Subtest 2	13.21	13.01	13.02	14
	Subtest 3	13.67	13.44	13.5	14.5
	Subtest 4	13.62	13.42	13.49	14.5
	Subtest 5	16.14	15.99	16.05	16.5
DC-HSDPA	Subtest 1	17.03	16.81	16.81	18
	Subtest 2	16.6	16.33	16.4	17
	Subtest 3	16.01	15.77	15.73	16.5
	Subtest 4	15.15	15.54	15.68	16.5

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WCDMA Band IV Receiver off (body or limbs) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.68	15.63	15.67	16.5
	12.2kbps AMR	15.66	15.61	15.64	16.5
HSDPA	Subtest 1	15.11	14.87	14.82	16
	Subtest 2	14.57	14.34	14.37	15
	Subtest 3	13.94	13.68	13.78	14.5
	Subtest 4	13.76	13.61	13.67	14.5
HSUPA	Subtest 1	14.11	13.94	14.05	14.5
	Subtest 2	11.2	10.99	10.97	12
	Subtest 3	11.63	11.4	11.5	12.5
	Subtest 4	11.57	11.37	11.43	12.5
	Subtest 5	14.12	13.96	14.05	14.5
DC-HSDPA	Subtest 1	14.98	14.79	14.78	16
	Subtest 2	14.54	14.29	14.31	15
	Subtest 3	13.92	13.67	13.67	14.5
	Subtest 4	13.7	13.52	13.61	14.5

WCDMA Band IV Receiver on(Left head) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.67	15.5	15.52	16.5
	12.2kbps AMR	15.64	15.47	15.48	16.5
HSDPA	Subtest 1	15.02	14.85	14.75	16
	Subtest 2	14.48	14.25	14.35	15
	Subtest 3	13.9	13.64	13.77	14.5
	Subtest 4	13.68	13.57	13.58	14.5
HSUPA	Subtest 1	14.06	13.91	14.04	14.5
	Subtest 2	11.19	10.89	10.89	12
	Subtest 3	11.6	11.38	11.47	12.5
	Subtest 4	11.52	11.28	11.4	12.5
	Subtest 5	14.11	13.91	14.01	14.5
DC-HSDPA	Subtest 1	14.93	14.7	14.75	16
	Subtest 2	14.53	14.26	14.26	15
	Subtest 3	13.89	13.66	13.66	14.5
	Subtest 4	13.69	13.47	13.57	14.5

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WCDMA Band IV Receiver on(Right head) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.12	14.03	14.07	15
	12.2kbps AMR	14.09	13.99	14.04	15
HSDPA	Subtest 1	13.43	13.31	13.18	14.5
	Subtest 2	12.95	12.72	12.84	13.5
	Subtest 3	12.33	12.08	12.24	13
	Subtest 4	12.14	11.97	12.06	13
HSUPA	Subtest 1	12.5	12.32	12.53	13
	Subtest 2	9.68	9.3	9.3	10.5
	Subtest 3	10.09	9.86	9.92	11
	Subtest 4	10	9.77	9.85	11
	Subtest 5	12.56	12.33	12.44	13
DC-HSDPA	Subtest 1	13.37	13.16	13.21	14.5
	Subtest 2	12.94	12.74	12.7	13.5
	Subtest 3	12.29	12.06	12.1	13
	Subtest 4	12.09	11.87	12.02	13

WCDMA Band IV Receiver on(Left head) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	13.63	13.58	13.57	14.5
	12.2kbps AMR	13.61	13.55	13.54	14.5
HSDPA	Subtest 1	12.97	12.82	12.7	14
	Subtest 2	12.56	12.23	12.39	13
	Subtest 3	11.89	11.69	11.79	12.5
	Subtest 4	11.73	11.55	11.66	12.5
HSUPA	Subtest 1	12.02	11.86	12.1	12.5
	Subtest 2	9.23	8.84	8.81	10
	Subtest 3	9.66	9.46	9.44	10.5
	Subtest 4	9.57	9.34	9.38	10.5
	Subtest 5	12.16	11.92	11.98	12.5
DC-HSDPA	Subtest 1	12.98	12.76	12.73	14
	Subtest 2	12.49	12.31	12.29	13
	Subtest 3	11.89	11.67	11.69	12.5
	Subtest 4	11.69	11.46	11.57	12.5

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WCDMA Band IV Receiver on(Right head) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	12.05	11.98	12	13
	12.2kbps AMR	12.02	11.95	11.96	13
HSDPA	Subtest 1	11.51	11.35	11.27	12.5
	Subtest 2	11.11	10.74	10.98	11.5
	Subtest 3	10.49	10.25	10.3	11
	Subtest 4	10.29	10.14	10.18	11
HSUPA	Subtest 1	10.54	10.43	10.67	11
	Subtest 2	7.78	7.35	7.34	8.5
	Subtest 3	8.24	8.05	7.99	9
	Subtest 4	8.13	7.93	7.91	9
	Subtest 5	10.69	10.5	10.5	11
DC-HSDPA	Subtest 1	11.53	11.33	11.26	12.5
	Subtest 2	11.06	10.88	10.82	11.5
	Subtest 3	10.41	10.19	10.24	11
	Subtest 4	10.24	9.97	10.11	11

WCDMA Band IV Receiver on(Left head) + BT					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.61	16.66	16.51	17.5
	12.2kbps AMR	16.58	16.64	16.47	17.5
HSDPA	Subtest 1	15.97	15.78	15.74	17
	Subtest 2	15.56	15.23	15.46	16
	Subtest 3	14.95	14.7	14.77	15.5
	Subtest 4	14.73	14.62	14.66	15.5
HSUPA	Subtest 1	14.94	14.9	15.12	15.5
	Subtest 2	12.25	11.82	11.8	13
	Subtest 3	12.64	12.53	12.48	13.5
	Subtest 4	12.54	12.42	12.38	13.5
	Subtest 5	15.15	15	14.94	15.5
DC-HSDPA	Subtest 1	16.02	15.75	15.7	17
	Subtest 2	15.47	15.37	15.31	16
	Subtest 3	14.86	14.65	14.71	15.5
	Subtest 4	14.69	14.37	14.54	15.5

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WCDMA Band IV Receiver on(Right head) + BT					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.13	14.98	15.02	16
	12.2kbps AMR	15.11	14.96	14.98	16
HSDPA	Subtest 1	14.51	14.38	14.29	15.5
	Subtest 2	14.06	13.74	13.99	14.5
	Subtest 3	13.45	13.28	13.33	14
	Subtest 4	13.31	13.15	13.18	14
HSUPA	Subtest 1	13.44	13.4	13.69	14
	Subtest 2	10.76	10.35	10.34	11.5
	Subtest 3	11.14	11.03	11.05	12
	Subtest 4	11.1	10.95	10.96	12
	Subtest 5	13.71	13.58	13.45	14
DC-HSDPA	Subtest 1	14.57	14.29	14.25	15.5
	Subtest 2	13.98	13.94	13.82	14.5
	Subtest 3	13.4	13.19	13.27	14
	Subtest 4	13.27	12.89	13.11	14

WCDMA Band IV Receiver off （body or limbs) + BT					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.62	18.56	18.59	19.5
	12.2kbps AMR	18.59	18.53	18.56	19.5
HSDPA	Subtest 1	17.94	17.84	17.7	19
	Subtest 2	17.53	17.14	17.41	18
	Subtest 3	16.85	16.71	16.77	17.5
	Subtest 4	16.75	16.59	16.58	17.5
HSUPA	Subtest 1	16.89	16.89	17.17	17.5
	Subtest 2	14.24	13.76	13.75	15
	Subtest 3	14.55	14.45	14.44	15.5
	Subtest 4	14.56	14.42	14.42	15.5
	Subtest 5	17.17	17.03	16.87	17.5
DC-HSDPA	Subtest 1	18.06	17.7	17.67	19
	Subtest 2	17.41	17.37	17.26	18
	Subtest 3	16.8	16.58	16.67	17.5
	Subtest 4	16.69	16.28	16.55	17.5

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WCDMA Band IV Receiver on(Left head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.61	15.52	15.57	16.5
	12.2kbps AMR	15.58	15.49	15.55	16.5
HSDPA	Subtest 1	15.01	14.87	14.84	16
	Subtest 2	14.54	14.26	14.43	15
	Subtest 3	13.87	13.77	13.82	14.5
	Subtest 4	13.77	13.7	13.64	14.5
HSUPA	Subtest 1	13.92	13.89	14.24	14.5
	Subtest 2	11.33	10.81	10.83	12
	Subtest 3	11.56	11.57	11.54	12.5
	Subtest 4	11.7	11.53	11.54	12.5
	Subtest 5	14.26	14.1	13.91	14.5
DC-HSDPA	Subtest 1	15.19	14.8	14.69	16
	Subtest 2	14.51	14.42	14.34	15
	Subtest 3	13.8	13.59	13.69	14.5
	Subtest 4	13.8	13.42	13.62	14.5

WCDMA Band IV Receiver on(Right head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.08	14.05	14	15
	12.2kbps AMR	14.06	14.02	13.97	15
HSDPA	Subtest 1	13.56	13.43	13.35	14.5
	Subtest 2	13.06	12.81	12.96	13.5
	Subtest 3	12.45	12.38	12.43	13
	Subtest 4	12.35	12.2	12.16	13
HSUPA	Subtest 1	12.51	12.49	12.74	13
	Subtest 2	9.88	9.38	9.33	10.5
	Subtest 3	10.09	10.11	10.09	11
	Subtest 4	10.24	10.08	10.05	11
	Subtest 5	12.82	12.71	12.43	13
DC-HSDPA	Subtest 1	13.77	13.33	13.27	14.5
	Subtest 2	13.08	12.92	12.88	13.5
	Subtest 3	12.4	12.18	12.21	13
	Subtest 4	12.39	11.94	12.22	13

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WCDMA Band IV Receiver off (body or limbs) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.66	17.56	17.57	18.5
	12.2kbps AMR	17.64	17.53	17.54	18.5
HSDPA	Subtest 1	17.14	17.02	16.89	18
	Subtest 2	16.62	16.37	16.47	17
	Subtest 3	15.97	15.96	16.01	16.5
	Subtest 4	15.86	15.75	15.67	16.5
HSUPA	Subtest 1	16.07	16.08	16.27	16.5
	Subtest 2	13.4	12.93	12.92	14
	Subtest 3	13.67	13.68	13.6	14.5
	Subtest 4	13.8	13.67	13.55	14.5
	Subtest 5	16.41	16.3	15.99	16.5
DC-HSDPA	Subtest 1	17.29	16.87	16.81	18
	Subtest 2	16.63	16.5	16.47	17
	Subtest 3	15.96	15.75	15.73	16.5
	Subtest 4	15.9	15.52	15.82	16.5

WCDMA Band IV Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	13.63	13.62	13.54	14.5
	12.2kbps AMR	13.61	13.59	13.52	14.5
HSDPA	Subtest 1	13.14	13.09	12.93	14
	Subtest 2	12.73	12.45	12.56	13
	Subtest 3	12.02	12.03	12.06	12.5
	Subtest 4	11.96	11.76	11.75	12.5
HSUPA	Subtest 1	12.1	12.15	12.39	12.5
	Subtest 2	9.49	9.04	8.99	10
	Subtest 3	9.74	9.73	9.6	10.5
	Subtest 4	9.88	9.76	9.65	10.5
	Subtest 5	12.5	12.33	12.1	12.5
DC-HSDPA	Subtest 1	13.37	12.87	12.81	14
	Subtest 2	12.66	12.57	12.48	13
	Subtest 3	11.98	11.83	11.85	12.5
	Subtest 4	11.95	11.55	11.83	12.5

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WCDMA Band IV Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	12.07	12.01	12.02	13
	12.2kbps AMR	12.04	11.98	11.98	13
HSDPA	Subtest 1	11.55	11.54	11.32	12.5
	Subtest 2	11.15	10.89	11.02	11.5
	Subtest 3	10.51	10.47	10.55	11
	Subtest 4	10.37	10.16	10.25	11
HSUPA	Subtest 1	10.59	10.62	10.85	11
	Subtest 2	7.91	7.52	7.39	8.5
	Subtest 3	8.23	8.13	7.98	9
	Subtest 4	8.28	8.25	8.03	9
	Subtest 5	10.88	10.82	10.55	11
DC-HSDPA	Subtest 1	11.78	11.32	11.31	12.5
	Subtest 2	11.14	11.06	10.9	11.5
	Subtest 3	10.42	10.26	10.23	11
	Subtest 4	10.44	10.01	10.24	11

WCDMA Band IV Receiver off (body or limbs) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.58	15.53	15.52	16.5
	12.2kbps AMR	15.54	15.49	15.48	16.5
HSDPA	Subtest 1	15.17	15.04	14.9	16
	Subtest 2	14.79	14.47	14.45	15
	Subtest 3	13.91	13.98	14.03	14.5
	Subtest 4	13.95	13.74	13.75	14.5
HSUPA	Subtest 1	14.01	14.13	14.48	14.5
	Subtest 2	11.43	11.09	11	12
	Subtest 3	11.68	11.69	11.63	12.5
	Subtest 4	11.81	11.8	11.68	12.5
	Subtest 5	14.5	14.36	14.04	14.5
DC-HSDPA	Subtest 1	15.42	14.9	14.77	16
	Subtest 2	14.64	14.63	14.48	15
	Subtest 3	13.98	13.73	13.79	14.5
	Subtest 4	14.01	13.46	13.91	14.5

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WCDMA Band IV Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	13.63	13.62	13.54	14.5
	12.2kbps AMR	13.61	13.59	13.52	14.5
HSDPA	Subtest 1	13.14	13.09	12.93	14
	Subtest 2	12.73	12.45	12.56	13
	Subtest 3	12.02	12.03	12.06	12.5
	Subtest 4	11.96	11.76	11.75	12.5
HSUPA	Subtest 1	12.1	12.15	12.39	12.5
	Subtest 2	9.49	9.04	8.99	10
	Subtest 3	9.74	9.73	9.6	10.5
	Subtest 4	9.88	9.76	9.65	10.5
	Subtest 5	12.15	12.33	12.1	12.5
DC-HSDPA	Subtest 1	13.37	12.87	12.81	14
	Subtest 2	12.66	12.57	12.48	13
	Subtest 3	11.98	11.83	11.85	12.5
	Subtest 4	11.95	11.55	11.83	12.5

WCDMA Band IV Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	12.07	12.01	12.02	13
	12.2kbps AMR	12.04	11.98	11.98	13
HSDPA	Subtest 1	11.55	11.54	11.32	12.5
	Subtest 2	11.15	10.89	11.02	11.5
	Subtest 3	10.51	10.47	10.55	11
	Subtest 4	10.37	10.16	10.25	11
HSUPA	Subtest 1	10.59	10.62	10.85	11
	Subtest 2	7.91	7.52	7.39	8.5
	Subtest 3	8.23	8.13	7.98	9
	Subtest 4	8.28	8.25	8.03	9
	Subtest 5	10.88	10.82	10.55	11
DC-HSDPA	Subtest 1	11.78	11.32	11.31	12.5
	Subtest 2	11.14	11.06	10.9	11.5
	Subtest 3	10.42	10.26	10.23	11
	Subtest 4	10.44	10.01	10.24	11

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WCDMA Band IV Receiver off (body or limbs) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.58	15.53	15.52	16.5
	12.2kbps AMR	15.54	15.49	15.48	16.5
HSDPA	Subtest 1	15.17	15.04	14.9	16
	Subtest 2	14.79	14.47	14.45	15
	Subtest 3	13.91	13.98	14.03	14.5
	Subtest 4	13.95	13.74	13.75	14.5
HSUPA	Subtest 1	14.01	14.13	14.48	14.5
	Subtest 2	11.43	11.09	11	12
	Subtest 3	11.68	11.69	11.63	12.5
	Subtest 4	11.81	11.8	11.68	12.5
	Subtest 5	14.5	14.36	14.04	14.5
DC-HSDPA	Subtest 1	15.42	14.9	14.77	16
	Subtest 2	14.64	14.63	14.48	15
	Subtest 3	13.98	13.73	13.79	14.5
	Subtest 4	14.01	13.46	13.91	14.5

WCDMA Band IV Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.61	15.52	15.57	16.5
	12.2kbps AMR	15.58	15.49	15.55	16.5
HSDPA	Subtest 1	15.01	14.87	14.84	16
	Subtest 2	14.54	14.26	14.43	15
	Subtest 3	13.87	13.77	13.82	14.5
	Subtest 4	13.77	13.7	13.64	14.5
HSUPA	Subtest 1	13.92	13.89	14.24	14.5
	Subtest 2	11.33	10.81	10.83	12
	Subtest 3	11.56	11.57	11.54	12.5
	Subtest 4	11.7	11.53	11.54	12.5
	Subtest 5	14.26	14.1	13.91	14.5
DC-HSDPA	Subtest 1	15.19	14.8	14.69	16
	Subtest 2	14.51	14.42	14.34	15
	Subtest 3	13.8	13.59	13.69	14.5
	Subtest 4	13.8	13.42	13.62	14.5

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WCDMA Band IV Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.08	14.05	14	15
	12.2kbps AMR	14.06	14.02	13.97	15
HSDPA	Subtest 1	13.56	13.43	13.35	14.5
	Subtest 2	13.06	12.81	12.96	13.5
	Subtest 3	12.45	12.38	12.43	13
	Subtest 4	12.35	12.2	12.16	13
HSUPA	Subtest 1	12.51	12.49	12.74	13
	Subtest 2	9.88	9.38	9.33	10.5
	Subtest 3	10.09	10.11	10.09	11
	Subtest 4	10.24	10.08	10.05	11
	Subtest 5	12.82	12.71	12.43	13
DC-HSDPA	Subtest 1	13.77	13.33	13.27	14.5
	Subtest 2	13.08	12.92	12.88	13.5
	Subtest 3	12.4	12.18	12.21	13
	Subtest 4	12.39	11.94	12.22	13

WCDMA Band IV Receiver off （body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.66	17.56	17.57	18.5
	12.2kbps AMR	17.64	17.53	17.54	18.5
HSDPA	Subtest 1	17.14	17.02	16.89	18
	Subtest 2	16.62	16.37	16.47	17
	Subtest 3	15.97	15.96	16.01	16.5
	Subtest 4	15.86	15.75	15.67	16.5
HSUPA	Subtest 1	16.07	16.08	16.27	16.5
	Subtest 2	13.4	12.93	12.92	14
	Subtest 3	13.67	13.68	13.6	14.5
	Subtest 4	13.8	13.67	13.55	14.5
	Subtest 5	16.41	16.3	15.99	16.5
DC-HSDPA	Subtest 1	17.29	16.87	16.81	18
	Subtest 2	16.63	16.5	16.47	17
	Subtest 3	15.96	15.75	15.73	16.5
	Subtest 4	15.9	15.52	15.82	16.5

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WCDMA Band V Receiver on(Left head)					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.42	19.38	19.35	20.5
	12.2kbps AMR	19.39	19.36	19.32	20.5
HSDPA	Subtest 1	18.78	18.85	18.77	20.5
	Subtest 2	18.31	18.35	18.29	20
	Subtest 3	17.73	17.82	17.84	19.5
	Subtest 4	17.69	17.76	17.78	19.5
HSUPA	Subtest 1	18.53	18.51	18.45	20
	Subtest 2	16.16	16.09	16.15	17.5
	Subtest 3	16.68	16.61	16.67	18
	Subtest 4	16.02	16.13	16.12	17
	Subtest 5	17.06	17.02	17.14	18.5
DC-HSDPA	Subtest 1	18.75	18.79	18.68	20.5
	Subtest 2	18.27	18.23	18.17	20
	Subtest 3	17.62	17.72	17.83	19.5
	Subtest 4	17.68	17.76	17.81	19.5

WCDMA Band V Receiver on(Right head)					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.46	19.4	19.38	20.5
	12.2kbps AMR	19.43	19.37	19.35	20.5
HSDPA	Subtest 1	18.72	18.79	18.71	20.5
	Subtest 2	18.25	18.32	18.21	20
	Subtest 3	17.73	17.74	17.76	19.5
	Subtest 4	17.62	17.69	17.75	19.5
HSUPA	Subtest 1	18.46	18.42	18.39	20
	Subtest 2	16.11	16.01	16.11	17.5
	Subtest 3	16.65	16.54	16.64	18
	Subtest 4	15.94	16.1	16.03	17
	Subtest 5	16.99	16.99	17.09	18.5
DC-HSDPA	Subtest 1	18.71	18.77	18.65	20.5
	Subtest 2	18.18	18.21	18.14	20
	Subtest 3	17.56	17.67	17.79	19.5
	Subtest 4	17.67	17.66	17.79	19.5

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WCDMA Band V Receiver off (body or limbs)					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.48	23.47	23.43	24.5
	12.2kbps AMR	23.45	23.44	23.4	24.5
HSDPA	Subtest 1	22.62	22.71	22.71	24.5
	Subtest 2	22.19	22.22	22.15	24
	Subtest 3	21.7	21.71	21.66	23.5
	Subtest 4	21.54	21.67	21.74	23.5
HSUPA	Subtest 1	22.41	22.42	22.35	24
	Subtest 2	20.07	19.96	20.04	21.5
	Subtest 3	20.56	20.46	20.63	22
	Subtest 4	19.85	20.01	20.01	21
	Subtest 5	20.91	20.91	21.06	22.5
DC-HSDPA	Subtest 1	22.66	22.72	22.56	24.5
	Subtest 2	22.12	22.15	22.13	24
	Subtest 3	21.51	21.65	21.73	23.5
	Subtest 4	21.61	21.64	21.72	23.5

WCDMA Band V Receiver off (body or limbs) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.47	20.44	20.41	21.5
	12.2kbps AMR	20.44	20.41	20.37	21.5
HSDPA	Subtest 1	19.53	19.68	19.68	21.5
	Subtest 2	19.15	19.1	19.07	21
	Subtest 3	18.68	18.71	18.58	20.5
	Subtest 4	18.44	18.67	18.65	20.5
HSUPA	Subtest 1	19.35	19.39	19.31	21
	Subtest 2	16.97	16.94	16.94	18.5
	Subtest 3	17.53	17.41	17.55	19
	Subtest 4	16.79	16.92	16.93	18
	Subtest 5	17.89	17.89	18.01	19.5
DC-HSDPA	Subtest 1	19.6	19.67	19.51	21.5
	Subtest 2	19.01	19.06	19.07	21
	Subtest 3	18.4	18.53	18.61	20.5
	Subtest 4	18.52	18.53	18.66	20.5

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WCDMA Band V Receiver off （body or limbs）+ hotspot 5G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.45	18.43	18.38	19.5
	12.2kbps AMR	18.41	18.39	18.36	19.5
HSDPA	Subtest 1	17.61	17.68	17.68	19.5
	Subtest 2	17.15	17.17	17.09	19
	Subtest 3	16.7	16.81	16.65	18.5
	Subtest 4	16.54	16.7	16.74	18.5
HSUPA	Subtest 1	17.36	17.39	17.34	19
	Subtest 2	15.07	15.05	14.97	16.5
	Subtest 3	15.64	15.46	15.65	17
	Subtest 4	14.85	14.94	15	16
	Subtest 5	15.96	15.98	16.05	17.5
DC-HSDPA	Subtest 1	17.64	17.69	17.61	19.5
	Subtest 2	17.06	17.07	17.15	19
	Subtest 3	16.45	16.59	16.7	18.5
	Subtest 4	16.54	16.6	16.73	18.5

WCDMA Band V Receiver on(Left head) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.43	16.41	16.43	17.5
	12.2kbps AMR	16.41	16.37	16.41	17.5
HSDPA	Subtest 1	15.67	15.8	15.75	17.5
	Subtest 2	15.15	15.26	15.18	17
	Subtest 3	14.73	14.93	14.7	16.5
	Subtest 4	14.58	14.78	14.8	16.5
HSUPA	Subtest 1	15.43	15.5	15.44	17
	Subtest 2	13.08	13.11	12.98	14.5
	Subtest 3	13.71	13.49	13.73	15
	Subtest 4	12.91	12.97	13.08	14
	Subtest 5	13.97	14.07	14.16	15.5
DC-HSDPA	Subtest 1	15.67	15.7	15.72	17.5
	Subtest 2	15.15	15.18	15.19	17
	Subtest 3	14.49	14.67	14.72	16.5
	Subtest 4	14.62	14.66	14.83	16.5

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WCDMA Band V Receiver on(Right head) + hotspot 2.4G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.43	16.41	16.43	17.5
	12.2kbps AMR	16.41	16.37	16.4	17.5
HSDPA	Subtest 1	15.71	15.83	15.77	17.5
	Subtest 2	15.2	15.29	15.21	17
	Subtest 3	14.76	15	14.76	16.5
	Subtest 4	14.6	14.87	14.85	16.5
HSUPA	Subtest 1	15.53	15.5	15.45	17
	Subtest 2	13.17	13.18	13.01	14.5
	Subtest 3	13.72	13.55	13.74	15
	Subtest 4	12.93	13.04	13.13	14
	Subtest 5	13.98	14.13	14.23	15.5
DC-HSDPA	Subtest 1	15.67	15.7	15.82	17.5
	Subtest 2	15.23	15.23	15.22	17
	Subtest 3	14.55	14.68	14.75	16.5
	Subtest 4	14.66	14.72	14.9	16.5

WCDMA Band V Receiver on(Left head) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.55	14.42	14.38	15.5
	12.2kbps AMR	14.52	14.41	14.35	15.5
HSDPA	Subtest 1	13.78	13.86	13.84	15.5
	Subtest 2	13.23	13.34	13.26	15
	Subtest 3	12.79	13.06	12.83	14.5
	Subtest 4	12.68	12.97	12.9	14.5
HSUPA	Subtest 1	13.55	13.53	13.53	15
	Subtest 2	11.17	11.22	11.08	12.5
	Subtest 3	11.75	11.62	11.81	13
	Subtest 4	11.03	11.08	11.17	12
	Subtest 5	12.01	12.19	12.29	13.5
DC-HSDPA	Subtest 1	13.75	13.75	13.89	15.5
	Subtest 2	13.23	13.25	13.26	15
	Subtest 3	12.56	12.71	12.79	14.5
	Subtest 4	12.72	12.8	12.9	14.5

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WCDMA Band V Receiver on(Right head) + hotspot 5G					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.55	14.42	14.38	15.5
	12.2kbps AMR	14.52	14.41	14.35	15.5
HSDPA	Subtest 1	13.72	13.83	13.82	15.5
	Subtest 2	13.12	13.24	13.24	15
	Subtest 3	12.74	13.02	12.76	14.5
	Subtest 4	12.62	12.94	12.87	14.5
HSUPA	Subtest 1	13.44	13.5	13.42	15
	Subtest 2	11.13	11.14	10.97	12.5
	Subtest 3	11.68	11.61	11.74	13
	Subtest 4	10.99	11	11.09	12
	Subtest 5	11.93	12.12	12.2	13.5
DC-HSDPA	Subtest 1	13.68	13.7	13.81	15.5
	Subtest 2	13.15	13.21	13.22	15
	Subtest 3	12.47	12.7	12.71	14.5
	Subtest 4	12.69	12.71	12.88	14.5

WCDMA Band V Receiver on(Left head) + BT					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	17.43	17.46	17.39	18.5
	12.2kbps AMR	17.41	17.43	17.37	18.5
HSDPA	Subtest 1	16.68	16.78	16.72	18.5
	Subtest 2	16.1	16.22	16.24	18
	Subtest 3	15.72	15.94	15.68	17.5
	Subtest 4	15.53	15.89	15.79	17.5
HSUPA	Subtest 1	16.35	16.43	16.38	18
	Subtest 2	14.03	14.07	13.94	15.5
	Subtest 3	14.58	14.51	14.68	16
	Subtest 4	13.96	13.93	14.04	15
	Subtest 5	14.86	15.02	15.16	16.5
DC-HSDPA	Subtest 1	16.64	16.65	16.74	18.5
	Subtest 2	16.14	16.11	16.22	18
	Subtest 3	15.46	15.61	15.66	17.5
	Subtest 4	15.65	15.63	15.82	17.5

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WCDMA Band V Receiver on(Right head) + BT					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	17.43	17.46	17.39	18.5
	12.2kbps AMR	17.41	17.43	17.37	18.5
HSDPA	Subtest 1	16.66	16.76	16.69	18.5
	Subtest 2	16.1	16.21	16.17	18
	Subtest 3	15.66	15.91	15.64	17.5
	Subtest 4	15.44	15.86	15.78	17.5
HSUPA	Subtest 1	16.29	16.42	16.32	18
	Subtest 2	14.02	14.03	13.9	15.5
	Subtest 3	14.56	14.42	14.66	16
	Subtest 4	13.9	13.85	13.99	15
	Subtest 5	14.77	14.97	15.1	16.5
DC-HSDPA	Subtest 1	16.61	16.62	16.65	18.5
	Subtest 2	16.11	16.09	16.15	18
	Subtest 3	15.4	15.59	15.63	17.5
	Subtest 4	15.61	15.59	15.74	17.5

WCDMA Band V Receiver off (body or limbs) + BT					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.47	21.45	21.41	22.5
	12.2kbps AMR	21.43	21.41	21.37	22.5
HSDPA	Subtest 1	20.6	20.71	20.58	22.5
	Subtest 2	20.02	20.17	20.06	22
	Subtest 3	19.56	19.81	19.63	21.5
	Subtest 4	19.41	19.85	19.67	21.5
HSUPA	Subtest 1	20.19	20.39	20.32	22
	Subtest 2	17.93	17.94	17.8	19.5
	Subtest 3	18.5	18.38	18.56	20
	Subtest 4	17.81	17.79	17.96	19
	Subtest 5	18.71	18.88	19.07	20.5
DC-HSDPA	Subtest 1	20.51	20.53	20.62	22.5
	Subtest 2	20.08	20.07	20.13	22
	Subtest 3	19.32	19.57	19.62	21.5
	Subtest 4	19.61	19.52	19.72	21.5

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WCDMA Band V Receiver on(Left head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.45	16.42	16.39	17.5
	12.2kbps AMR	16.42	16.38	16.37	17.5
HSDPA	Subtest 1	15.71	15.74	15.67	17.5
	Subtest 2	15.08	15.25	15.11	17
	Subtest 3	14.66	14.93	14.7	16.5
	Subtest 4	14.5	14.95	14.77	16.5
HSUPA	Subtest 1	15.22	15.45	15.37	17
	Subtest 2	13.04	12.99	12.88	14.5
	Subtest 3	13.56	13.47	13.6	15
	Subtest 4	12.84	12.89	12.99	14
	Subtest 5	13.73	13.88	14.09	15.5
DC-HSDPA	Subtest 1	15.56	15.57	15.63	17.5
	Subtest 2	15.19	15.07	15.15	17
	Subtest 3	14.39	14.59	14.73	16.5
	Subtest 4	14.65	14.64	14.75	16.5

WCDMA Band V Receiver on(Right head) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.45	16.42	16.39	17.5
	12.2kbps AMR	16.42	16.38	16.37	17.5
HSDPA	Subtest 1	15.73	15.78	15.77	17.5
	Subtest 2	15.13	15.29	15.17	17
	Subtest 3	14.67	15	14.73	16.5
	Subtest 4	14.52	15.03	14.81	16.5
HSUPA	Subtest 1	15.3	15.52	15.39	17
	Subtest 2	13.12	13.05	12.98	14.5
	Subtest 3	13.59	13.54	13.66	15
	Subtest 4	12.92	12.97	13.03	14
	Subtest 5	13.79	13.95	14.18	15.5
DC-HSDPA	Subtest 1	15.64	15.61	15.72	17.5
	Subtest 2	15.26	15.12	15.23	17
	Subtest 3	14.44	14.65	14.8	16.5
	Subtest 4	14.68	14.68	14.84	16.5

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WCDMA Band V Receiver off (body or limbs) + WiFi2.4G Ant1					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.45	20.37	20.39	21.5
	12.2kbps AMR	20.41	20.34	20.37	21.5
HSDPA	Subtest 1	19.72	19.78	19.69	21.5
	Subtest 2	19.09	19.26	19.11	21
	Subtest 3	18.62	18.98	18.71	20.5
	Subtest 4	18.43	19.03	18.75	20.5
HSUPA	Subtest 1	19.25	19.46	19.34	21
	Subtest 2	17.03	17.02	16.98	18.5
	Subtest 3	17.51	17.49	17.65	19
	Subtest 4	16.85	16.9	16.97	18
	Subtest 5	17.74	17.88	18.09	19.5
DC-HSDPA	Subtest 1	19.55	19.53	19.67	21.5
	Subtest 2	19.23	19.12	19.2	21
	Subtest 3	18.36	18.62	18.74	20.5
	Subtest 4	18.67	18.64	18.78	20.5

WCDMA Band V Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.56	14.42	14.38	15.5
	12.2kbps AMR	14.53	14.39	14.36	15.5
HSDPA	Subtest 1	13.7	13.7	13.68	15.5
	Subtest 2	13	13.25	13.03	15
	Subtest 3	12.6	12.93	12.64	14.5
	Subtest 4	12.33	13.03	12.64	14.5
HSUPA	Subtest 1	13.17	13.43	13.24	15
	Subtest 2	10.97	10.93	10.91	12.5
	Subtest 3	11.5	11.46	11.61	13
	Subtest 4	10.78	10.88	10.96	12
	Subtest 5	11.66	11.83	12.04	13.5
DC-HSDPA	Subtest 1	13.54	13.48	13.66	15.5
	Subtest 2	13.18	13.07	13.16	15
	Subtest 3	12.26	12.57	12.74	14.5
	Subtest 4	12.66	12.62	12.72	14.5

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WCDMA Band V Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.56	14.42	14.38	15.5
	12.2kbps AMR	14.53	14.4	14.36	15.5
HSDPA	Subtest 1	13.61	13.64	13.61	15.5
	Subtest 2	12.91	13.22	13	15
	Subtest 3	12.58	12.84	12.57	14.5
	Subtest 4	12.31	12.95	12.59	14.5
HSUPA	Subtest 1	13.09	13.42	13.21	15
	Subtest 2	10.89	10.92	10.88	12.5
	Subtest 3	11.4	11.36	11.54	13
	Subtest 4	10.77	10.8	10.88	12
	Subtest 5	11.63	11.73	11.99	13.5
DC-HSDPA	Subtest 1	13.45	13.46	13.65	15.5
	Subtest 2	13.18	12.99	13.09	15
	Subtest 3	12.16	12.5	12.69	14.5
	Subtest 4	12.57	12.52	12.61	14.5

WCDMA Band V Receiver off （body or limbs) + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.43	18.46	18.36	19.5
	12.2kbps AMR	18.4	18.42	18.34	19.5
HSDPA	Subtest 1	17.52	17.59	17.6	19.5
	Subtest 2	16.81	17.12	16.99	19
	Subtest 3	16.5	16.8	16.56	18.5
	Subtest 4	16.3	16.92	16.5	18.5
HSUPA	Subtest 1	17.03	17.38	17.14	19
	Subtest 2	14.89	14.9	14.82	16.5
	Subtest 3	15.36	15.29	15.48	17
	Subtest 4	14.69	14.74	14.78	16
	Subtest 5	15.56	15.64	15.94	17.5
DC-HSDPA	Subtest 1	17.36	17.43	17.63	19.5
	Subtest 2	17.09	16.93	17.06	19
	Subtest 3	16.14	16.42	16.66	18.5
	Subtest 4	16.47	16.42	16.56	18.5

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WCDMA Band V Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.56	14.42	14.38	15.5
	12.2kbps AMR	14.53	14.39	14.36	15.5
HSDPA	Subtest 1	13.7	13.7	13.68	15.5
	Subtest 2	13	13.25	13.03	15
	Subtest 3	12.6	12.93	12.64	14.5
	Subtest 4	12.33	13.03	12.64	14.5
HSUPA	Subtest 1	13.17	13.43	13.24	15
	Subtest 2	10.97	10.93	10.91	12.5
	Subtest 3	11.5	11.46	11.61	13
	Subtest 4	10.78	10.88	10.96	12
	Subtest 5	11.66	11.83	12.04	13.5
DC-HSDPA	Subtest 1	13.54	13.48	13.66	15.5
	Subtest 2	13.18	13.07	13.16	15
	Subtest 3	12.26	12.57	12.74	14.5
	Subtest 4	12.66	12.62	12.72	14.5

WCDMA Band V Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	14.56	14.42	14.38	15.5
	12.2kbps AMR	14.53	14.4	14.36	15.5
HSDPA	Subtest 1	13.61	13.64	13.61	15.5
	Subtest 2	12.91	13.22	13	15
	Subtest 3	12.58	12.84	12.57	14.5
	Subtest 4	12.31	12.95	12.59	14.5
HSUPA	Subtest 1	13.09	13.42	13.21	15
	Subtest 2	10.89	10.92	10.88	12.5
	Subtest 3	11.4	11.36	11.54	13
	Subtest 4	10.77	10.8	10.88	12
	Subtest 5	11.63	11.73	11.99	13.5
DC-HSDPA	Subtest 1	13.45	13.46	13.65	15.5
	Subtest 2	13.18	12.99	13.09	15
	Subtest 3	12.16	12.5	12.69	14.5
	Subtest 4	12.57	12.52	12.61	14.5

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WCDMA Band V Receiver off (body or limbs) + BT + WiFi5G Ant1/Ant2/MIMO					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.43	18.46	18.36	19.5
	12.2kbps AMR	18.4	18.42	18.34	19.5
HSDPA	Subtest 1	17.52	17.59	17.6	19.5
	Subtest 2	16.81	17.12	16.99	19
	Subtest 3	16.5	16.8	16.56	18.5
	Subtest 4	16.3	16.92	16.5	18.5
HSUPA	Subtest 1	17.03	17.38	17.14	19
	Subtest 2	14.89	14.9	14.82	16.5
	Subtest 3	15.36	15.29	15.48	17
	Subtest 4	14.69	14.74	14.78	16
	Subtest 5	15.56	15.64	15.94	17.5
DC-HSDPA	Subtest 1	17.36	17.43	17.63	19.5
	Subtest 2	17.09	16.93	17.06	19
	Subtest 3	16.14	16.42	16.66	18.5
	Subtest 4	16.47	16.42	16.56	18.5

WCDMA Band V Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.45	16.42	16.39	17.5
	12.2kbps AMR	16.42	16.38	16.37	17.5
HSDPA	Subtest 1	15.71	15.74	15.67	17.5
	Subtest 2	15.08	15.25	15.11	17
	Subtest 3	14.66	14.93	14.7	16.5
	Subtest 4	14.5	14.95	14.77	16.5
HSUPA	Subtest 1	15.22	15.45	15.37	17
	Subtest 2	13.04	12.99	12.88	14.5
	Subtest 3	13.56	13.47	13.6	15
	Subtest 4	12.84	12.89	12.99	14
	Subtest 5	13.73	13.88	14.09	15.5
DC-HSDPA	Subtest 1	15.56	15.57	15.63	17.5
	Subtest 2	15.19	15.07	15.15	17
	Subtest 3	14.39	14.59	14.73	16.5
	Subtest 4	14.65	14.64	14.75	16.5

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WCDMA Band V Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	16.45	16.42	16.39	17.5
	12.2kbps AMR	16.42	16.38	16.37	17.5
HSDPA	Subtest 1	15.73	15.78	15.77	17.5
	Subtest 2	15.13	15.29	15.17	17
	Subtest 3	14.67	15	14.73	16.5
	Subtest 4	14.52	15.03	14.81	16.5
HSUPA	Subtest 1	15.3	15.52	15.39	17
	Subtest 2	13.12	13.05	12.98	14.5
	Subtest 3	13.59	13.54	13.66	15
	Subtest 4	12.92	12.97	13.03	14
	Subtest 5	13.79	13.95	14.18	15.5
DC-HSDPA	Subtest 1	15.64	15.61	15.72	17.5
	Subtest 2	15.26	15.12	15.23	17
	Subtest 3	14.44	14.65	14.8	16.5
	Subtest 4	14.68	14.68	14.84	16.5

WCDMA Band V Receiver off （body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.45	20.37	20.39	21.5
	12.2kbps AMR	20.41	20.34	20.37	21.5
HSDPA	Subtest 1	19.72	19.78	19.69	21.5
	Subtest 2	19.09	19.26	19.11	21
	Subtest 3	18.62	18.98	18.71	20.5
	Subtest 4	18.43	19.03	18.75	20.5
HSUPA	Subtest 1	19.25	19.46	19.34	21
	Subtest 2	17.03	17.02	16.98	18.5
	Subtest 3	17.51	17.49	17.65	19
	Subtest 4	16.85	16.9	16.97	18
	Subtest 5	17.74	17.88	18.09	19.5
DC-HSDPA	Subtest 1	19.55	19.53	19.67	21.5
	Subtest 2	19.23	19.12	19.2	21
	Subtest 3	18.36	18.62	18.74	20.5
	Subtest 4	18.67	18.64	18.78	20.5

Table 14： 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 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.6	17.45	17.43	18
		1	2	17.15	16.83	17.03	18
		1	5	17.6	17.49	17.46	18
		3	0	17.49	17.4	17.36	18
		3	2	17.37	17.17	17.17	18
		3	3	17.48	17.34	17.44	18
		6	0	17.47	17.36	17.39	18
	16QAM	1	0	17.8	17.72	17.74	18
		1	2	17.52	17.59	17.6	18
		1	5	17.75	17.74	17.73	18
		3	0	17.55	17.38	17.38	18
		3	2	17.55	17.39	17.37	18
		3	3	17.49	17.39	17.45	18
		6	0	17.37	17.32	17.36	18
	64QAM	1	0	17.4	17.33	17.42	18
		1	2	17.11	17.18	17.06	18
		1	5	17.4	17.41	17.39	18
		3	0	17.32	17.26	17.36	18
		3	2	17.1	17.06	17.11	18
		3	3	17.2	17.14	17.15	18
		6	0	17.36	17.28	17.29	18

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	17.54	17.46	17.4	18
		1	7	17.18	17.26	17.17	18
		1	14	17.49	17.44	17.49	18
		8	0	17.43	17.37	17.37	18
		8	4	17.43	17.35	17.35	18
		8	7	17.48	17.4	17.42	18
		15	0	17.52	17.43	17.43	18
	16QAM	1	0	17.81	17.79	17.76	18
		1	7	17.48	17.25	17.42	18
		1	14	17.77	17.68	17.73	18
		8	0	17.46	17.35	17.29	18
		8	4	17.38	17.33	17.32	18
		8	7	17.5	17.28	17.3	18
		15	0	17.5	17.38	17.39	18
	64QAM	1	0	17.38	17.31	17.36	18
		1	7	17.06	17.22	17.01	18
		1	14	17.43	17.42	17.39	18
		8	0	17.36	17.28	17.34	18
		8	4	17.09	17.1	17.13	18
		8	7	17.22	17.09	17.19	18
		15	0	17.32	17.28	17.29	18
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.49	17.5	17.46	18
		1	13	17.52	17.38	17.43	18
		1	24	17.44	17.41	17.48	18
		12	0	17.55	17.51	17.51	18
		12	6	17.49	17.45	17.34	18
		12	13	17.57	17.43	17.49	18
		25	0	17.5	17.46	17.39	18
	16QAM	1	0	17.79	17.7	17.7	18
		1	13	17.76	17.77	17.67	18
		1	24	17.74	17.68	17.75	18
		12	0	17.52	17.43	17.46	18
		12	6	17.49	17.28	17.3	18
		12	13	17.52	17.45	17.44	18
		25	0	17.45	17.36	17.38	18
	64QAM	1	0	17.38	17.33	17.34	18
		1	13	17.09	17.21	17	18
		1	24	17.39	17.47	17.37	18
		12	0	17.36	17.28	17.34	18
		12	6	17.11	17.13	17.2	18
		12	13	17.21	17.12	17.11	18
		25	0	17.35	17.24	17.27	18

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.54	17.47	17.43	18
		1	25	17.22	17.05	17.37	18
		1	49	17.43	17.4	17.46	18
		25	0	17.5	17.49	17.5	18
		25	13	17.47	17.41	17.46	18
		25	25	17.49	17.43	17.42	18
		50	0	17.51	17.43	17.44	18
	16QAM	1	0	17.8	17.67	17.66	18
		1	25	17.49	17.47	17.38	18
		1	49	17.69	17.55	17.78	18
		25	0	17.43	17.43	17.39	18
		25	13	17.45	17.39	17.35	18
		25	25	17.44	17.39	17.38	18
		50	0	17.45	17.4	17.41	18
	64QAM	1	0	17.4	17.36	17.38	18
		1	25	17.1	17.17	17.06	18
		1	49	17.4	17.41	17.39	18
		25	0	17.33	17.23	17.3	18
		25	13	17.14	17.1	17.16	18
		25	25	17.2	17.17	17.13	18
		50	0	17.35	17.31	17.26	18
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.54	17.48	17.38	18
		1	38	17.55	17.44	17.48	18
		1	74	17.49	17.37	17.4	18
		36	0	17.52	17.52	17.47	18
		36	18	17.52	17.49	17.47	18
		36	39	17.54	17.47	17.43	18
		75	0	17.5	17.47	17.52	18
	16QAM	1	0	17.73	17.76	17.64	18
		1	38	17.87	17.67	17.67	18
		1	74	17.73	17.71	17.61	18
		36	0	17.54	17.45	17.45	18
		36	18	17.51	17.4	17.44	18
		36	39	17.53	17.39	17.44	18
		75	0	17.5	17.36	17.41	18
	64QAM	1	0	17.37	17.35	17.39	18
		1	38	17.08	17.13	17.05	18
		1	74	17.45	17.4	17.41	18
		36	0	17.32	17.3	17.28	18
		36	18	17.16	17.09	17.12	18
		36	39	17.23	17.13	17.09	18
		75	0	17.27	17.25	17.29	18

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.68	17.53	17.53	18
		1	50	17.16	17.1	17.08	18
		1	99	17.54	17.49	17.55	18
		50	0	17.61	17.51	17.47	18
		50	25	17.51	17.42	17.45	18
		50	50	17.54	17.48	17.52	18
		100	0	17.59	17.48	17.52	18
	16QAM	1	0	17.85	17.92	17.86	18
		1	50	17.51	17.46	17.6	18
		1	99	17.77	17.74	17.85	18
		50	0	17.51	17.44	17.4	18
		50	25	17.45	17.36	17.37	18
		50	50	17.47	17.41	17.44	18
		100	0	17.48	17.41	17.4	18
	64QAM	1	0	17.37	17.35	17.39	18
		1	50	17.08	17.13	17.05	18
		1	99	17.45	17.4	17.41	18
		50	0	17.32	17.3	17.28	18
		50	25	17.16	17.09	17.12	18
		50	50	17.23	17.13	17.09	18
		100	0	17.27	17.25	17.29	18

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LTE Band 2 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.54	15.47	15.42	16
		1	2	15.22	15.12	15.19	16
		1	5	15.53	15.53	15.45	16
		3	0	15.44	15.38	15.32	16
		3	2	15.32	15.15	15.23	16
		3	3	15.37	15.32	15.34	16
		6	0	15.48	15.33	15.41	16
	16QAM	1	0	15.8	15.73	15.66	16
		1	2	15.74	15.32	15.39	16
		1	5	15.88	15.72	15.63	16
		3	0	15.52	15.41	15.32	16
		3	2	15.29	15.22	15.21	16
		3	3	15.44	15.32	15.27	16
		6	0	15.38	15.29	15.36	16
	64QAM	1	0	15.62	15.51	15.54	16
		1	2	14.9	15.09	15.11	16
		1	5	15.61	15.53	15.46	16
		3	0	15.26	15.2	15.22	16
		3	2	15.18	15.16	15.16	16
		3	3	15.28	15.22	15.18	16
		6	0	15.24	15.25	15.2	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.54	15.39	15.46	16
		1	7	15.08	15.32	15.1	16
		1	14	15.47	15.47	15.47	16
		8	0	15.5	15.35	15.26	16
		8	4	15.5	15.39	15.33	16
		8	7	15.5	15.44	15.4	16
		15	0	15.52	15.43	15.42	16
	16QAM	1	0	15.74	15.63	15.63	16
		1	7	15.31	15.47	15.28	16
		1	14	15.75	15.63	15.72	16
		8	0	15.43	15.36	15.4	16
		8	4	15.46	15.43	15.38	16
		8	7	15.49	15.39	15.41	16
		15	0	15.5	15.35	15.36	16
	64QAM	1	0	15.62	15.52	15.47	16
		1	7	14.95	15.08	15.21	16
		1	14	15.63	15.5	15.49	16
		8	0	15.26	15.22	15.14	16
		8	4	15.17	15.17	15.16	16
		8	7	15.29	15.18	15.18	16
		15	0	15.25	15.19	15.26	16
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	15.51	15.44	15.45	16
		1	13	15.48	15.42	15.46	16
		1	24	15.41	15.42	15.47	16
		12	0	15.58	15.51	15.48	16
		12	6	15.47	15.37	15.4	16
		12	13	15.55	15.46	15.48	16
		25	0	15.5	15.41	15.41	16
	16QAM	1	0	15.89	15.84	15.68	16
		1	13	15.71	15.8	15.76	16
		1	24	15.7	15.71	15.74	16
		12	0	15.51	15.45	15.43	16
		12	6	15.4	15.43	15.41	16
		12	13	15.48	15.42	15.41	16
		25	0	15.4	15.37	15.35	16
	64QAM	1	0	15.53	15.53	15.53	16
		1	13	14.96	15.08	15.12	16
		1	24	15.64	15.45	15.51	16
		12	0	15.31	15.24	15.17	16
		12	6	15.19	15.21	15.15	16
		12	13	15.27	15.24	15.19	16
		25	0	15.24	15.25	15.24	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.56	15.41	15.4	16
		1	25	14.98	15.16	15.13	16
		1	49	15.45	15.41	15.51	16
		25	0	15.5	15.47	15.47	16
		25	13	15.49	15.41	15.47	16
		25	25	15.49	15.44	15.42	16
		50	0	15.49	15.43	15.46	16
	16QAM	1	0	15.89	15.74	15.55	16
		1	25	15.61	15.71	15.31	16
		1	49	15.8	15.74	15.64	16
		25	0	15.48	15.42	15.4	16
		25	13	15.41	15.38	15.35	16
		25	25	15.39	15.38	15.41	16
		50	0	15.44	15.36	15.37	16
	64QAM	1	0	15.57	15.45	15.5	16
		1	25	14.95	15.11	15.21	16
		1	49	15.63	15.49	15.44	16
		25	0	15.23	15.26	15.23	16
		25	13	15.2	15.17	15.17	16
		25	25	15.26	15.24	15.16	16
		50	0	15.29	15.16	15.21	16

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.54	15.45	15.42	16
		1	38	15.53	15.45	15.49	16
		1	74	15.41	15.36	15.41	16
		36	0	15.54	15.58	15.47	16
		36	18	15.54	15.45	15.5	16
		36	39	15.53	15.48	15.45	16
		75	0	15.56	15.5	15.44	16
	16QAM	1	0	15.91	15.82	15.66	16
		1	38	15.84	15.73	15.84	16
		1	74	15.77	15.66	15.75	16
		36	0	15.47	15.45	15.42	16
		36	18	15.48	15.37	15.42	16
		36	39	15.45	15.38	15.47	16
		75	0	15.42	15.38	15.41	16
	64QAM	1	0	15.56	15.45	15.49	16
		1	38	14.9	15.07	15.17	16
		1	74	15.6	15.47	15.51	16
		36	0	15.31	15.23	15.2	16
		36	18	15.17	15.14	15.16	16
		36	39	15.25	15.17	15.23	16
		75	0	15.29	15.2	15.2	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.65	15.62	15.55	16
		1	50	15.34	15.31	15.25	16
		1	99	15.59	15.46	15.48	16
		50	0	15.58	15.52	15.52	16
		50	25	15.53	15.49	15.45	16
		50	50	15.53	15.45	15.47	16
		100	0	15.55	15.5	15.52	16
	16QAM	1	0	15.95	15.87	15.78	16
		1	50	15.75	15.23	15.58	16
		1	99	15.81	15.72	15.75	16
		50	0	15.53	15.44	15.4	16
		50	25	15.44	15.42	15.39	16
		50	50	15.45	15.4	15.43	16
		100	0	15.48	15.41	15.39	16
	64QAM	1	0	15.53	15.47	15.49	16
		1	50	14.96	15.04	15.12	16
		1	99	15.56	15.52	15.47	16
		50	0	15.26	15.21	15.17	16
		50	25	15.18	15.19	15.22	16
		50	50	15.25	15.16	15.2	16
		100	0	15.25	15.24	15.24	16

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LTE Band 2 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	21.02	20.98	20.93	21.5
		1	2	21.25	19.76	20.69	21.5
		1	5	20.86	20.85	20.94	21.5
		3	0	20.97	20.98	20.94	21.5
		3	2	21.14	21.23	20.55	21.5
		3	3	21.08	20.9	20.68	21.5
		6	0	21.2	20.85	20.88	21.5
	16QAM	1	0	21.09	21.02	21.23	21.5
		1	2	20.85	21.21	21.16	21.5
		1	5	21.08	21.34	21.06	21.5
		3	0	21.09	20.75	20.85	21.5
		3	2	21.15	21.03	20.92	21.5
		3	3	21.03	20.96	20.95	21.5
		6	0	21.22	20.92	20.81	21.5
	64QAM	1	0	21.06	21.02	21.04	21.5
		1	2	20.42	20.6	20.66	21.5
		1	5	21.07	21.01	20.99	21.5
		3	0	20.98	21	21.02	21.5
		3	2	20.35	20.54	20.64	21.5
		3	3	21.07	20.99	20.91	21.5
		6	0	20.16	20.24	20.23	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	20.9	20.83	20.96	21.5
		1	7	20.67	20.12	20.18	21.5
		1	14	20.99	20.87	20.94	21.5
		8	0	20.74	20.68	20.59	21.5
		8	4	20.84	20.71	20.82	21.5
		8	7	21.05	20.9	20.85	21.5
		15	0	20.92	21.15	20.94	21.5
	16QAM	1	0	21.11	21.38	21.38	21.5
		1	7	20.21	21.53	18.99	21.5
		1	14	20.95	21.59	21.39	21.5
		8	0	20.8	20.86	20.9	21.5
		8	4	21.08	20.99	20.99	21.5
		8	7	21.08	20.9	20.99	21.5
		15	0	20.86	20.91	20.67	21.5
	64QAM	1	0	21.1	20.91	21	21.5
		1	7	20.48	20.49	20.68	21.5
		1	14	21.14	20.95	20.91	21.5
		8	0	20.32	20.16	20.12	21
		8	4	20.11	20.19	20.14	21
		8	7	20.3	20.2	20.2	21
		15	0	20.28	20.23	20.17	21
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	21.01	20.93	20.79	21.5
		1	13	20.93	20.91	20.91	21.5
		1	24	20.84	21.04	20.97	21.5
		12	0	20.97	20.97	20.93	21.5
		12	6	20.82	20.8	20.88	21.5
		12	13	21.02	21.02	20.96	21.5
		25	0	21.02	20.89	20.86	21.5
	16QAM	1	0	21.08	21.16	21.05	21.5
		1	13	21.35	21.38	21.45	21.5
		1	24	21.09	21.15	21.46	21.5
		12	0	21.06	20.94	20.91	21.5
		12	6	20.89	20.97	20.9	21.5
		12	13	20.88	21.01	20.95	21.5
		25	0	20.96	20.97	20.79	21.5
	64QAM	1	0	21.11	20.92	21.04	21.5
		1	13	20.36	20.59	20.58	21.5
		1	24	21.12	20.89	20.89	21.5
		12	0	20.19	20.18	20.21	21
		12	6	20.14	20.14	20.11	21
		12	13	20.24	20.17	20.18	21
		25	0	20.21	20.13	20.22	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.97	20.99	21.01	21.5
		1	25	20.44	20.99	21.3	21.5
		1	49	20.91	20.78	20.83	21.5
		25	0	20.95	20.95	20.94	21.5
		25	13	20.9	20.94	21.03	21.5
		25	25	21	20.9	20.98	21.5
		50	0	20.95	20.96	20.97	21.5
	16QAM	1	0	21.44	20.82	21.16	21.5
		1	25	21.27	21.31	20.75	21.5
		1	49	21.15	21.32	21.11	21.5
		25	0	20.89	20.89	20.99	21.5
		25	13	20.78	20.85	20.78	21.5
		25	25	20.97	20.79	20.93	21.5
		50	0	20.88	20.76	20.72	21.5
	64QAM	1	0	21.03	20.94	21.01	21.5
		1	25	20.35	20.6	20.69	21.5
		1	49	21.02	21	20.93	21.5
		25	0	20.26	20.2	20.09	21
		25	13	20.11	20.07	20.09	21
		25	25	20.3	20.21	20.16	21
		50	0	20.26	20.12	20.26	21

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.96	21	20.81	21.5
		1	38	21.04	20.95	20.9	21.5
		1	74	20.74	20.81	20.88	21.5
		36	0	20.96	20.99	21	21.5
		36	18	20.93	20.9	20.97	21.5
		36	39	21	20.99	20.97	21.5
		75	0	20.99	20.97	20.95	21.5
	16QAM	1	0	21.52	21.44	21.19	21.5
		1	38	21.47	21.16	21.07	21.5
		1	74	20.99	21.32	21.3	21.5
		36	0	20.91	20.91	20.92	21.5
		36	18	20.97	20.98	20.89	21.5
		36	39	20.83	20.93	20.91	21.5
		75	0	20.96	20.92	20.91	21.5
	64QAM	1	0	21.07	21.02	21.01	21.5
		1	38	20.45	20.48	20.59	21.5
		1	74	21.02	21.02	20.94	21.5
		36	0	20.27	20.17	20.17	21
		36	18	20.11	20.15	20.21	21
		36	39	20.28	20.13	20.21	21
		75	0	20.2	20.23	20.25	21

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	21.06	**21.26**	20.95	21.5
		1	50	20.61	20.77	20.84	21.5
		1	99	20.94	20.93	20.93	21.5
		50	0	21.06	**21.07**	20.97	21.5
		50	25	20.96	20.92	20.94	21.5
		50	50	21.06	20.94	20.95	21.5
		100	0	**21.07**	21	20.92	21.5
	16QAM	1	0	21.23	21.67	20.8	21.5
		1	50	20.66	21.21	20.95	21.5
		1	99	21.23	21.28	20.71	21.5
		50	0	21.03	21.04	20.91	21.5
		50	25	20.86	20.91	20.78	21.5
		50	50	20.89	20.81	20.92	21.5
		100	0	20.9	20.93	20.95	21.5
	64QAM	1	0	21.12	21.04	21.06	21.5
		1	50	20.49	20.63	20.71	21.5
		1	99	21.15	21.04	21.01	21.5
		50	0	20.32	20.26	20.24	21
		50	25	20.25	20.22	20.23	21
		50	50	20.32	20.25	20.24	21
		100	0	20.3	20.25	20.27	21

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LTE Band 2 Receiver off （body or limbs）+ hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.9	18.05	17.94	18.5
		1	2	17.88	17.74	17.03	18.5
		1	5	18.01	17.97	17.9	18.5
		3	0	18.02	17.88	17.84	18.5
		3	2	17.75	17.84	17.47	18.5
		3	3	18.06	17.78	17.74	18.5
		6	0	17.9	17.91	17.83	18.5
	16QAM	1	0	17.89	18.02	18.5	18.5
		1	2	17.77	17.49	17.02	18.5
		1	5	18.24	18.18	18.03	18.5
		3	0	17.82	17.91	17.86	18.5
		3	2	17.99	17.3	17.52	18.5
		3	3	17.8	17.77	17.75	18.5
		6	0	18.05	17.46	17.89	18.5
	64QAM	1	0	17.78	17.79	17.81	18.5
		1	2	17.53	17.6	17.5	18.5
		1	5	17.92	17.83	17.9	18.5
		3	0	17.79	17.71	17.77	18.5
		3	2	17.57	17.59	17.52	18.5
		3	3	17.7	17.54	17.51	18.5
		6	0	17.73	17.72	17.78	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	18	17.92	17.78	18.5
		1	7	17.91	17.89	17.58	18.5
		1	14	17.93	17.78	17.91	18.5
		8	0	17.82	17.9	17.82	18.5
		8	4	17.97	17.62	17.94	18.5
		8	7	17.78	17.95	17.75	18.5
		15	0	18.02	17.92	17.81	18.5
	16QAM	1	0	18.4	18.34	17.76	18.5
		1	7	16.68	18.02	17.72	18.5
		1	14	17.85	18.08	18.14	18.5
		8	0	18.06	17.97	17.83	18.5
		8	4	17.88	18.05	17.64	18.5
		8	7	18	17.98	17.72	18.5
		15	0	17.88	17.82	17.67	18.5
	64QAM	1	0	17.78	17.83	17.85	18.5
		1	7	17.56	17.57	17.48	18.5
		1	14	17.88	17.86	17.87	18.5
		8	0	17.8	17.74	17.74	18.5
		8	4	17.6	17.54	17.53	18.5
		8	7	17.67	17.57	17.53	18.5
		15	0	17.68	17.71	17.75	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.96	17.9	17.89	18.5
		1	13	17.96	17.98	17.93	18.5
		1	24	17.8	17.91	17.99	18.5
		12	0	17.94	17.94	17.94	18.5
		12	6	17.87	17.88	17.86	18.5
		12	13	17.98	17.97	17.92	18.5
		25	0	17.99	17.99	17.84	18.5
	16QAM	1	0	17.65	17.89	18.25	18.5
		1	13	18.38	17.7	18.1	18.5
		1	24	18.01	18.48	18.25	18.5
		12	0	18.07	17.98	17.97	18.5
		12	6	17.87	17.84	17.64	18.5
		12	13	17.97	17.99	17.88	18.5
		25	0	17.89	17.84	17.78	18.5
	64QAM	1	0	17.83	17.83	17.84	18.5
		1	13	17.52	17.61	17.54	18.5
		1	24	17.93	17.82	17.88	18.5
		12	0	17.8	17.71	17.69	18.5
		12	6	17.62	17.58	17.58	18.5
		12	13	17.64	17.62	17.55	18.5
		25	0	17.75	17.71	17.71	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	18.03	18.01	17.82	18.5
		1	25	17.66	17.71	17.65	18.5
		1	49	17.85	17.89	17.89	18.5
		25	0	18.02	18.03	17.92	18.5
		25	13	17.74	17.75	17.89	18.5
		25	25	17.97	17.95	17.83	18.5
		50	0	17.92	17.92	17.86	18.5
	16QAM	1	0	17.86	18.26	18.33	18.5
		1	25	17.98	17.95	17.49	18.5
		1	49	18.33	18.19	18	18.5
		25	0	17.96	17.84	17.83	18.5
		25	13	17.9	17.91	17.75	18.5
		25	25	17.83	17.79	17.83	18.5
		50	0	17.81	17.88	17.75	18.5
	64QAM	1	0	17.86	17.77	17.81	18.5
		1	25	17.56	17.55	17.46	18.5
		1	49	17.92	17.81	17.82	18.5
		25	0	17.74	17.78	17.77	18.5
		25	13	17.57	17.57	17.6	18.5
		25	25	17.69	17.6	17.55	18.5
		50	0	17.75	17.71	17.78	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.91	17.98	17.99	18.5
		1	38	18.01	18.06	18.02	18.5
		1	74	17.75	17.88	17.69	18.5
		36	0	18.01	17.99	17.97	18.5
		36	18	17.92	17.97	17.83	18.5
		36	39	17.96	17.92	17.91	18.5
		75	0	17.97	17.95	17.87	18.5
	16QAM	1	0	18.42	18.33	18.3	18.5
		1	38	18.02	18.23	17.99	18.5
		1	74	18.22	17.91	18.11	18.5
		36	0	17.95	17.92	17.85	18.5
		36	18	17.89	17.9	17.84	18.5
		36	39	17.85	17.78	17.84	18.5
		75	0	17.83	17.88	17.99	18.5
	64QAM	1	0	17.78	17.75	17.89	18.5
		1	38	17.51	17.58	17.51	18.5
		1	74	17.86	17.85	17.85	18.5
		36	0	17.77	17.78	17.72	18.5
		36	18	17.58	17.56	17.58	18.5
		36	39	17.64	17.62	17.51	18.5
		75	0	17.7	17.65	17.7	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.11	18.11	18.05	18.5
		1	50	**18.37**	17.95	17.97	18.5
		1	99	18	17.95	17.97	18.5
		50	0	**18.07**	17.98	17.89	18.5
		50	25	18.01	17.88	17.9	18.5
		50	50	18.01	17.98	17.86	18.5
		100	0	**18.02**	17.99	17.93	18.5
	16QAM	1	0	18.35	18.48	18.21	18.5
		1	50	18.34	18.3	18.01	18.5
		1	99	18.3	17.78	18.45	18.5
		50	0	18	17.95	17.93	18.5
		50	25	17.94	17.82	17.78	18.5
		50	50	17.96	17.88	17.94	18.5
		100	0	17.89	17.88	17.79	18.5
	64QAM	1	0	17.85	17.76	17.86	18.5
		1	50	17.5	17.61	17.49	18.5
		1	99	17.95	17.81	17.9	18.5
		50	0	17.76	17.79	17.77	18.5
		50	25	17.64	17.5	17.54	18.5
		50	50	17.7	17.62	17.54	18.5
		100	0	17.69	17.73	17.74	18.5

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LTE Band 2 Receiver off （body or limbs）+ hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.76	15.95	15.97	16.5
		1	2	16.33	15.9	15.82	16.5
		1	5	16	16	15.96	16.5
		3	0	16.06	16.05	15.37	16.5
		3	2	15.18	15.69	16.08	16.5
		3	3	15.37	15.95	15.67	16.5
		6	0	15.75	15.88	15.94	16.5
	16QAM	1	0	16.1	16.14	16.23	16.5
		1	2	16.17	16.36	16.49	16.5
		1	5	16.15	16.43	16.45	16.5
		3	0	16.22	16.2	15.78	16.5
		3	2	16.18	16.08	15.9	16.5
		3	3	16.18	15.96	16.11	16.5
		6	0	16.04	15.84	15.85	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	2	15.45	15.57	15.49	16.5
		1	5	15.84	15.82	15.87	16.5
		3	0	15.72	15.66	15.71	16.5
		3	2	15.51	15.57	15.45	16.5
		3	3	15.6	15.48	15.49	16.5
		6	0	15.67	15.64	15.69	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.94	15.95	15.81	16.5
		1	7	15.32	15.17	16.14	16.5
		1	14	15.97	15.86	15.81	16.5
		8	0	16	16.01	15.82	16.5
		8	4	15.76	15.86	15.71	16.5
		8	7	15.68	15.71	15.81	16.5
		15	0	16.06	15.95	15.92	16.5
	16QAM	1	0	16.4	16.15	15.69	16.5
		1	7	15.65	14.94	15.7	16.5
		1	14	16.23	16.36	16.49	16.5
		8	0	15.83	15.86	15.83	16.5
		8	4	15.86	15.82	15.7	16.5
		8	7	15.97	15.91	15.84	16.5
		15	0	16.05	16.02	15.69	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	7	15.45	15.57	15.49	16.5
		1	14	15.84	15.82	15.87	16.5
		8	0	15.72	15.66	15.71	16.5
		8	4	15.51	15.57	15.45	16.5
		8	7	15.6	15.48	15.49	16.5
		15	0	15.67	15.64	15.69	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.12	15.87	15.94	16.5
		1	13	15.94	16	15.76	16.5
		1	24	16.02	15.87	15.96	16.5
		12	0	16.08	16.01	15.99	16.5
		12	6	16.07	15.86	16.01	16.5
		12	13	16.03	15.94	15.88	16.5
		25	0	16.03	15.96	15.9	16.5
	16QAM	1	0	16.32	16.48	16.4	16.5
		1	13	16.41	16.27	15.7	16.5
		1	24	16.14	15.82	16.22	16.5
		12	0	15.99	15.91	15.9	16.5
		12	6	15.57	15.99	15.87	16.5
		12	13	15.92	16.07	15.89	16.5
		25	0	15.93	15.84	15.74	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	13	15.45	15.57	15.49	16.5
		1	24	15.84	15.82	15.87	16.5
		12	0	15.72	15.66	15.71	16.5
		12	6	15.51	15.57	15.45	16.5
		12	13	15.6	15.48	15.49	16.5
		25	0	15.67	15.64	15.69	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	16.1	15.96	15.92	16.5
		1	25	15.88	15.76	15.68	16.5
		1	49	15.93	15.92	15.92	16.5
		25	0	15.96	15.92	15.94	16.5
		25	13	15.93	15.9	16	16.5
		25	25	15.9	15.88	15.83	16.5
		50	0	15.97	15.94	15.97	16.5
	16QAM	1	0	16.44	16.47	16.44	16.5
		1	25	16.17	15.86	15.69	16.5
		1	49	15.99	16.12	16.22	16.5
		25	0	15.78	15.92	15.97	16.5
		25	13	15.88	15.96	15.87	16.5
		25	25	15.96	15.87	15.9	16.5
		50	0	15.97	15.81	15.85	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	25	15.45	15.57	15.49	16.5
		1	49	15.84	15.82	15.87	16.5
		25	0	15.72	15.66	15.71	16.5
		25	13	15.51	15.57	15.45	16.5
		25	25	15.6	15.48	15.49	16.5
		50	0	15.67	15.64	15.69	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.98	15.93	15.89	16.5
		1	38	16.2	15.96	16.08	16.5
		1	74	15.7	15.85	15.82	16.5
		36	0	16.03	16.06	15.9	16.5
		36	18	16	15.97	16.04	16.5
		36	39	16.06	15.98	15.88	16.5
		75	0	16	15.95	16.03	16.5
	16QAM	1	0	16.37	16.08	16.32	16.5
		1	38	16.22	15.94	16.35	16.5
		1	74	16.3	15.63	16.11	16.5
		36	0	15.98	15.95	15.94	16.5
		36	18	15.87	15.99	15.92	16.5
		36	39	15.93	15.92	15.73	16.5
		75	0	15.96	15.83	15.82	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	38	15.45	15.57	15.49	16.5
		1	74	15.84	15.82	15.87	16.5
		36	0	15.72	15.66	15.71	16.5
		36	18	15.51	15.57	15.45	16.5
		36	39	15.6	15.48	15.49	16.5
		75	0	15.67	15.64	15.69	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	**16.14**	16.08	15.92	16.5
		1	50	15.56	15.24	15.29	16.5
		1	99	15.98	15.93	15.95	16.5
		50	0	**15.99**	15.97	15.94	16.5
		50	25	15.83	15.98	15.88	16.5
		50	50	15.88	15.93	15.88	16.5
		100	0	**16.06**	15.97	15.91	16.5
	16QAM	1	0	16.23	16.29	15.95	16.5
		1	50	15.42	16.14	15.91	16.5
		1	99	16.38	16.04	16.3	16.5
		50	0	16.01	15.99	15.77	16.5
		50	25	15.8	15.92	15.77	16.5
		50	50	15.85	15.85	15.76	16.5
		100	0	15.92	15.82	15.87	16.5
	64QAM	1	0	15.72	15.74	15.8	16.5
		1	50	15.45	15.57	15.49	16.5
		1	99	15.84	15.82	15.87	16.5
		50	0	15.72	15.66	15.71	16.5
		50	25	15.51	15.57	15.45	16.5
		50	50	15.6	15.48	15.49	16.5
		100	0	15.67	15.64	15.69	16.5

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LTE Band 2 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	14.03	14.01	14.14	15
		1	2	14.42	14.16	13.84	15
		1	5	14.19	14.1	14.08	15
		3	0	14.29	13.72	14.2	15
		3	2	13.78	14.36	14.17	15
		3	3	14.02	14.04	14.19	15
		6	0	14.19	14.14	13.85	15
	16QAM	1	0	14.03	14.44	14.22	15
		1	2	13.88	13.44	14.59	15
		1	5	14.61	14.53	14.74	15
		3	0	14.13	14.32	14.08	15
		3	2	14.27	14.02	13.85	15
		3	3	14.36	14.05	14.5	15
		6	0	14.25	14	13.99	15
	64QAM	1	0	14.18	14.23	14.23	15
		1	2	13.92	14	13.93	15
		1	5	14.27	14.31	14.29	15
		3	0	14.14	14.08	14.16	15
		3	2	13.93	14.05	13.87	15
		3	3	14.03	13.92	13.91	15
		6	0	14.08	14.1	14.16	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	14.22	14.36	14.29	15
		1	7	13.94	13.72	13.94	15
		1	14	14.16	14.15	14.03	15
		8	0	14.26	14.23	13.99	15
		8	4	14.01	14.26	13.97	15
		8	7	14.14	14.22	14.16	15
		15	0	14.21	14.17	14.17	15
	16QAM	1	0	14.59	14.76	14.47	15
		1	7	14.41	14.43	13.13	15
		1	14	14.66	14.51	14.43	15
		8	0	14.07	13.83	13.98	15
		8	4	14.18	14.12	14.21	15
		8	7	14.27	14.03	14.18	15
		15	0	14.11	14.02	14.15	15
	64QAM	1	0	14.18	14.15	14.24	15
		1	7	13.91	14.02	13.95	15
		1	14	14.34	14.29	14.37	15
		8	0	14.21	14.08	14.15	15
		8	4	13.94	13.99	13.9	15
		8	7	14.02	13.98	13.91	15
		15	0	14.14	14.08	14.1	15
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	14.32	14.21	13.93	15
		1	13	14.24	14	14.24	15
		1	24	14.1	14.21	14.37	15
		12	0	14.21	14.19	14.13	15
		12	6	14.22	14.16	14.14	15
		12	13	14.19	14.14	14.11	15
		25	0	14.23	14.18	14.1	15
	16QAM	1	0	14.81	14.31	14.22	15
		1	13	14.37	14.7	14.45	15
		1	24	14.68	14.5	14.47	15
		12	0	14.27	14.13	14.26	15
		12	6	14.18	14.3	14.24	15
		12	13	14.22	14.16	14.16	15
		25	0	14.25	13.95	14.06	15
	64QAM	1	0	14.13	14.2	14.28	15
		1	13	13.92	14.03	13.95	15
		1	24	14.28	14.26	14.37	15
		12	0	14.19	14.07	14.16	15
		12	6	13.93	13.98	13.95	15
		12	13	14.04	13.89	13.91	15
		25	0	14.08	14.11	14.15	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	14.16	14.28	14.25	15
		1	25	13.9	13.85	13.66	15
		1	49	14.16	14.08	14.03	15
		25	0	14.07	14.27	14.13	15
		25	13	14.16	14.19	14.29	15
		25	25	14.16	14.2	14.19	15
		50	0	14.11	14.04	14.18	15
	16QAM	1	0	14.38	14.73	14.31	15
		1	25	13.87	15.08	14.58	15
		1	49	14.77	14.72	14.84	15
		25	0	14.17	14.08	14.1	15
		25	13	13.95	14.03	14.19	15
		25	25	14.15	14.11	14.1	15
		50	0	14.08	14.01	14.01	15
	64QAM	1	0	14.17	14.18	14.23	15
		1	25	13.88	14.05	13.92	15
		1	49	14.29	14.24	14.36	15
		25	0	14.2	14.08	14.12	15
		25	13	13.97	14.03	13.92	15
		25	25	14.05	13.96	13.91	15
		50	0	14.09	14.07	14.17	15
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	14.18	14.18	14.11	15
		1	38	14.24	14.17	14.25	15
		1	74	13.88	14.09	14.06	15
		36	0	14.22	14.25	14.18	15
		36	18	14.19	14.17	14.18	15
		36	39	14.23	14.21	14.21	15
		75	0	14.16	14.16	14.22	15
	16QAM	1	0	14.73	14.4	14.53	15
		1	38	14.36	14.75	14.7	15
		1	74	14.39	14.51	14.47	15
		36	0	14.26	14.25	14.3	15
		36	18	14.15	14.28	14.16	15
		36	39	14.04	14.16	14.09	15
		75	0	14.16	14.09	14.17	15
	64QAM	1	0	14.15	14.14	14.26	15
		1	38	13.93	13.98	13.92	15
		1	74	14.28	14.26	14.33	15
		36	0	14.2	14.07	14.2	15
		36	18	14	14.05	13.92	15
		36	39	14.09	13.97	13.97	15
		75	0	14.17	14.06	14.18	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	14.36	14.37	14.37	15
		1	50	14.23	13.88	13.98	15
		1	99	14.3	14.18	14	15
		50	0	14.27	14.28	14.36	15
		50	25	14.24	14.09	14.16	15
		50	50	14.13	14.13	14.23	15
		100	0	14.15	14.09	14.12	15
	16QAM	1	0	14.83	15.1	14.88	15
		1	50	14.25	14.72	14.3	15
		1	99	14.36	14.13	14.62	15
		50	0	14.25	14.3	14.07	15
		50	25	14.16	14.06	14.12	15
		50	50	13.97	14.05	14.06	15
		100	0	14.09	14.21	14.19	15
	64QAM	1	0	14.21	14.19	14.21	15
		1	50	13.85	14.06	13.9	15
		1	99	14.25	14.22	14.32	15
		50	0	14.14	14.14	14.14	15
		50	25	13.93	14.07	13.88	15
		50	50	14.01	13.95	13.97	15
		100	0	14.11	14.12	14.12	15

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LTE Band 2 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.26	12.26	12.06	13
		1	2	11.73	12.58	11.14	13
		1	5	12.2	12.17	12.28	13
		3	0	11.91	12.2	12.03	13
		3	2	12.27	12.34	12.05	13
		3	3	12.19	12.07	12.12	13
		6	0	11.92	12.24	12.18	13
	16QAM	1	0	12.55	12.41	12.48	13
		1	2	11.97	11.98	11.43	13
		1	5	12.55	12.21	12.46	13
		3	0	12.21	12.09	11.88	13
		3	2	12.24	12.27	12.23	13
		3	3	12.3	12.47	12.19	13
		6	0	11.87	12.23	11.97	13
	64QAM	1	0	12.12	12.17	12.16	13
		1	2	11.84	11.97	11.89	13
		1	5	12.23	12.23	12.25	13
		3	0	12.14	12.01	12.11	13
		3	2	11.89	12.05	11.85	13
		3	3	12	11.89	11.88	13
		6	0	12.02	12.02	12.14	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.19	12.15	12.14	13
		1	7	10.71	12.81	11.53	13
		1	14	12.09	12.12	12.25	13
		8	0	12.18	12.19	12.18	13
		8	4	12.12	12.14	11.84	13
		8	7	12.18	12.16	11.79	13
		15	0	12.18	12.23	12.17	13
	16QAM	1	0	11.89	12.21	12.45	13
		1	7	12.04	12.96	11.78	13
		1	14	12.6	12.48	12.53	13
		8	0	12.16	12.34	11.96	13
		8	4	12	12.25	11.98	13
		8	7	12.31	11.97	12	13
		15	0	12.11	12.18	12.18	13
	64QAM	1	0	12.15	12.22	12.13	13
		1	7	11.88	11.93	11.83	13
		1	14	12.17	12.23	12.22	13
		8	0	12.08	12.03	12.08	13
		8	4	11.91	11.98	11.8	13
		8	7	11.94	11.87	11.86	13
		15	0	12.08	12.01	12.15	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.2	12.25	12.14	13
		1	13	12.18	12.24	12.14	13
		1	24	12.04	12.11	12.21	13
		12	0	12.32	12.21	12.19	13
		12	6	12.14	11.59	12.19	13
		12	13	12.09	12.16	12.15	13
		25	0	12.28	12.15	12.15	13
	16QAM	1	0	12.34	12.68	12.76	13
		1	13	12.54	12.43	12.49	13
		1	24	12.26	12.59	12.32	13
		12	0	12.27	12.22	12.08	13
		12	6	12.07	12.15	12.12	13
		12	13	12.16	12.12	12.17	13
		25	0	12.16	12.16	12.12	13
	64QAM	1	0	12.1	12.2	12.15	13
		1	13	11.87	11.96	11.83	13
		1	24	12.24	12.23	12.23	13
		12	0	12.14	12.04	12.14	13
		12	6	11.88	11.97	11.79	13
		12	13	11.94	11.89	11.88	13
		25	0	12	12.01	12.16	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.22	12.22	12.25	13
		1	25	11.61	12.1	11.4	13
		1	49	12.08	12.12	12.18	13
		25	0	12.18	12.13	12.11	13
		25	13	12.13	12.18	12.2	13
		25	25	12.13	12.09	12.16	13
		50	0	12.16	12.21	12.17	13
	16QAM	1	0	12.72	12.52	12.59	13
		1	25	12.38	12.8	12.33	13
		1	49	12.44	12.06	12.52	13
		25	0	12.24	12.26	12.04	13
		25	13	12.15	12.09	12.17	13
		25	25	12.13	12.03	12.08	13
		50	0	12.12	12.1	11.96	13
	64QAM	1	0	12.09	12.15	12.22	13
		1	25	11.83	11.97	11.84	13
		1	49	12.27	12.28	12.27	13
		25	0	12.05	11.99	12.07	13
		25	13	11.91	11.97	11.85	13
		25	25	11.97	11.89	11.82	13
		50	0	12.07	12	12.11	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.39	12.22	12.16	13
		1	38	12.15	12.18	12.23	13
		1	74	12.11	11.98	12.16	13
		36	0	12.23	12.24	12.15	13
		36	18	12.28	12.18	12.29	13
		36	39	12.26	12.17	12.2	13
		75	0	12.17	12.26	12.1	13
	16QAM	1	0	12.4	11.83	12.21	13
		1	38	12.42	12.18	12.16	13
		1	74	12.56	12.28	12.4	13
		36	0	12.24	12.2	12.24	13
		36	18	12.14	12.18	12.09	13
		36	39	12.1	12.18	12.19	13
		75	0	12.2	12.21	12.15	13
	64QAM	1	0	12.15	12.17	12.23	13
		1	38	11.86	11.98	11.9	13
		1	74	12.21	12.27	12.21	13
		36	0	12.08	12.03	12.11	13
		36	18	11.93	11.96	11.82	13
		36	39	11.96	11.91	11.89	13
		75	0	12.06	12.09	12.11	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.35	12.28	12.26	13
		1	50	12.19	12.28	12.01	13
		1	99	12.29	12.18	12.24	13
		50	0	12.16	12.26	12.25	13
		50	25	12.13	12.26	12.25	13
		50	50	12.2	12.09	12.22	13
		100	0	12.18	12.19	12.23	13
	16QAM	1	0	12.4	12.75	12.33	13
		1	50	12.45	12.2	11.76	13
		1	99	12.48	12.31	12.8	13
		50	0	12.18	12.2	12.18	13
		50	25	12.12	12.08	12.08	13
		50	50	12.17	12.19	12.18	13
		100	0	12.1	12.14	12.18	13
	64QAM	1	0	12.17	12.22	12.22	13
		1	50	11.84	11.93	11.89	13
		1	99	12.2	12.28	12.19	13
		50	0	12.11	12.06	12.08	13
		50	25	11.84	12.02	11.86	13
		50	50	12	11.9	11.85	13
		100	0	12.06	12.1	12.07	13

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LTE Band 2 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.21	12.1	12.13	13
		1	2	11.95	11.77	12.15	13
		1	5	12.22	12.11	12.18	13
		3	0	12.26	12.35	12.14	13
		3	2	12.03	11.96	12.18	13
		3	3	12.26	12.15	12.12	13
		6	0	12.11	12.12	12.04	13
	16QAM	1	0	12.29	12.41	12.7	13
		1	2	12.8	12.24	12.08	13
		1	5	12.32	12.52	12.75	13
		3	0	12.32	12.14	12.26	13
		3	2	11.82	12.03	12.62	13
		3	3	12.12	12.01	12.22	13
		6	0	12.17	12.04	12.31	13
	64QAM	1	0	12.1	12.16	12.1	13
		1	2	11.8	11.93	11.86	13
		1	5	12.19	12.21	12.25	13
		3	0	12.09	11.95	12.1	13
		3	2	11.83	11.99	11.79	13
		3	3	11.94	11.87	11.83	13
		6	0	12.02	11.97	12.09	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.18	12.06	12.24	13
		1	7	13.05	10.9	11.46	13
		1	14	12.13	12.24	12.19	13
		8	0	11.66	12.02	12.11	13
		8	4	12.14	12.11	12.16	13
		8	7	12.05	12.12	11.81	13
		15	0	12.14	11.91	12.1	13
	16QAM	1	0	12.47	12.6	12.47	13
		1	7	11.84	12.1	12.58	13
		1	14	12.34	12.32	12.28	13
		8	0	12.05	12.22	11.87	13
		8	4	12.19	12.05	12.08	13
		8	7	12.14	12.06	11.99	13
		15	0	12.02	11.93	11.85	13
	64QAM	1	0	12.09	12.11	12.12	13
		1	7	11.79	11.97	11.86	13
		1	14	12.2	12.18	12.2	13
		8	0	12.13	12.01	12.08	13
		8	4	11.83	12	11.79	13
		8	7	11.96	11.84	11.87	13
		15	0	11.99	12.01	12.11	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.27	12.27	12.3	13
		1	13	12.12	12.18	12.16	13
		1	24	12.06	12.07	12.08	13
		12	0	12.27	12.15	12.13	13
		12	6	12.29	11.96	11.99	13
		12	13	12.25	12.12	12.24	13
		25	0	12.24	12.24	12.22	13
	16QAM	1	0	12.64	12.7	12.47	13
		1	13	12.44	12.45	12.14	13
		1	24	12.17	12.39	12.74	13
		12	0	12.29	12.24	12.15	13
		12	6	11.83	12.09	12.16	13
		12	13	12.21	12.14	12.06	13
		25	0	12.2	12.12	12	13
	64QAM	1	0	12.08	12.13	12.14	13
		1	13	11.78	11.94	11.86	13
		1	24	12.17	12.21	12.21	13
		12	0	12.07	11.96	12.08	13
		12	6	11.84	12.02	11.84	13
		12	13	11.93	11.84	11.85	13
		25	0	12	11.97	12.1	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.09	12.16	12.11	13
		1	25	11.88	11.51	12.16	13
		1	49	12.12	12.2	12.32	13
		25	0	12.27	12.19	12.24	13
		25	13	12.15	12.1	12.21	13
		25	25	12.22	12.15	12.18	13
		50	0	12.19	12.13	12.19	13
	16QAM	1	0	12.75	12.73	12.84	13
		1	25	10.37	12.14	11.97	13
		1	49	12.48	12.49	12.13	13
		25	0	12.21	12.17	12.05	13
		25	13	12.06	12.09	12.17	13
		25	25	11.96	12.13	12.17	13
		50	0	12.12	12.12	12.16	13
	64QAM	1	0	12.06	12.1	12.15	13
		1	25	11.8	11.89	11.84	13
		1	49	12.21	12.2	12.23	13
		25	0	12.1	11.95	12.07	13
		25	13	11.85	11.99	11.81	13
		25	25	11.98	11.82	11.82	13
		50	0	11.97	12.01	12.12	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.26	12.37	12.14	13
		1	38	12.21	12.27	12.23	13
		1	74	12.04	12.09	12.02	13
		36	0	12.19	12.19	12.2	13
		36	18	12.24	12.13	12.2	13
		36	39	12.19	12.14	12.14	13
		75	0	12.23	12.23	12.22	13
	16QAM	1	0	12.71	12.46	12.45	13
		1	38	12.36	12.47	11.98	13
		1	74	12.2	12.24	12.08	13
		36	0	12.17	12.15	12.14	13
		36	18	12.19	12.14	12.2	13
		36	39	12.13	12.09	12.02	13
		75	0	12.07	12.06	12.13	13
	64QAM	1	0	12.08	12.15	12.15	13
		1	38	11.84	11.91	11.88	13
		1	74	12.16	12.15	12.24	13
		36	0	12.12	11.97	12.08	13
		36	18	11.81	11.98	11.77	13
		36	39	11.95	11.88	11.85	13
		75	0	11.98	11.97	12.11	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.36	12.39	12.23	13
		1	50	12.04	12.16	12.12	13
		1	99	12.02	12.18	12.29	13
		50	0	12.37	12.21	12.16	13
		50	25	12.26	12.1	12.24	13
		50	50	12.13	12.08	12.15	13
		100	0	12.25	12.22	12.32	13
	16QAM	1	0	12.57	12.52	12.4	13
		1	50	12.47	12.24	12.09	13
		1	99	12.77	11.85	12.5	13
		50	0	12.31	12.18	12.19	13
		50	25	12.04	12.02	12.11	13
		50	50	11.97	12.02	12.09	13
		100	0	12.18	12.08	12.11	13
	64QAM	1	0	12.1	12.12	12.08	13
		1	50	11.83	11.94	11.85	13
		1	99	12.23	12.17	12.22	13
		50	0	12.13	11.96	12.11	13
		50	25	11.83	12.05	11.81	13
		50	50	11.94	11.89	11.8	13
		100	0	11.95	12.01	12.13	13

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LTE Band 2 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	10.17	10.18	10.08	11
		1	2	9.58	9.59	10.59	11
		1	5	10.13	10.19	10.23	11
		3	0	10.31	10.25	9.94	11
		3	2	10.35	10.29	10.02	11
		3	3	9.84	10.11	10.16	11
		6	0	10.19	10.22	10.05	11
	16QAM	1	0	10.68	10	10.36	11
		1	2	10.68	9.67	10.78	11
		1	5	10.36	10.33	10.59	11
		3	0	10.37	9.98	10.2	11
		3	2	9.55	9.57	10.4	11
		3	3	9.63	9.43	10.15	11
		6	0	10.05	9.98	9.96	11
	64QAM	1	0	10.14	10.2	10.17	11
		1	2	9.82	10	9.95	11
		1	5	10.21	10.29	10.26	11
		3	0	10.13	10.02	10.16	11
		3	2	9.9	10.04	9.86	11
		3	3	9.94	9.87	9.89	11
		6	0	10.08	10.04	10.17	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	10.25	10.24	10.19	11
		1	7	9.57	10.06	8.86	11
		1	14	10.1	10.11	10.12	11
		8	0	10.19	10.12	9.77	11
		8	4	10.1	10.22	10.13	11
		8	7	10.08	10.22	9.94	11
		15	0	10.18	9.99	10.2	11
	16QAM	1	0	10.17	10.6	10.79	11
		1	7	10.04	10.47	9.66	11
		1	14	10.65	10.6	10.43	11
		8	0	9.92	9.92	10.08	11
		8	4	9.95	10.19	10.04	11
		8	7	10.22	9.89	10.25	11
		15	0	10.06	10.06	10.12	11
	64QAM	1	0	10.17	10.24	10.18	11
		1	7	9.87	9.94	9.93	11
		1	14	10.22	10.22	10.27	11
		8	0	10.17	10.01	10.11	11
		8	4	9.84	9.99	9.85	11
		8	7	10.04	9.93	9.86	11
		15	0	10.02	9.98	10.1	11
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	10.17	10.14	10.15	11
		1	13	10.16	10.17	10.17	11
		1	24	10.15	10.05	10.17	11
		12	0	10.2	10.13	10.22	11
		12	6	10.21	10.12	10.14	11
		12	13	10.19	10.1	10.2	11
		25	0	10.17	10.09	10.19	11
	16QAM	1	0	10.34	10.2	10.53	11
		1	13	10.46	10.56	10.56	11
		1	24	10.45	10.43	10.71	11
		12	0	10.06	10.2	10.25	11
		12	6	10.22	10.12	10.16	11
		12	13	10.24	10.2	10.09	11
		25	0	10.02	10.03	10.1	11
	64QAM	1	0	10.15	10.24	10.17	11
		1	13	9.88	9.95	9.94	11
		1	24	10.27	10.26	10.29	11
		12	0	10.1	10.04	10.18	11
		12	6	9.85	9.99	9.88	11
		12	13	9.98	9.95	9.88	11
		25	0	10.08	10	10.14	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	10.22	10.05	10.17	11
		1	25	9.53	9.93	9.85	11
		1	49	10.24	10.04	10.13	11
		25	0	10.22	10.17	10.27	11
		25	13	10.09	10.23	10.1	11
		25	25	10.06	10.13	10.03	11
		50	0	10.12	10.14	10.06	11
	16QAM	1	0	10.57	10.14	10.51	11
		1	25	9.91	10.38	10.52	11
		1	49	10.09	10.56	10.51	11
		25	0	10.02	10.2	10.19	11
		25	13	10.13	10.12	10.09	11
		25	25	10.1	10.18	10.1	11
		50	0	9.99	10.08	10.11	11
	64QAM	1	0	10.14	10.16	10.14	11
		1	25	9.86	10	9.89	11
		1	49	10.22	10.25	10.3	11
		25	0	10.14	10.02	10.14	11
		25	13	9.91	10.05	9.88	11
		25	25	9.96	9.93	9.84	11
		50	0	10.09	10.03	10.12	11
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	10.14	10.14	10.15	11
		1	38	10.14	10.22	10.08	11
		1	74	10.16	9.97	10.11	11
		36	0	10.23	10.23	10.33	11
		36	18	10.21	10.23	10.17	11
		36	39	10.17	10.12	10.28	11
		75	0	10.13	10.17	10.21	11
	16QAM	1	0	10.74	10.48	10.41	11
		1	38	10.65	10.34	10.59	11
		1	74	10.37	10.58	10.2	11
		36	0	10.26	10.18	10.13	11
		36	18	10.09	10.14	10.05	11
		36	39	10.11	10.11	10.29	11
		75	0	10.03	10.06	10.12	11
	64QAM	1	0	10.17	10.22	10.15	11
		1	38	9.9	9.96	9.9	11
		1	74	10.21	10.25	10.27	11
		36	0	10.11	9.98	10.16	11
		36	18	9.87	10.06	9.86	11
		36	39	10	9.93	9.87	11
		75	0	10.05	9.98	10.17	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	10.27	10.33	10.36	11
		1	50	10.12	9.66	9.34	11
		1	99	10.18	10.14	10.26	11
		50	0	10.3	10.27	10.24	11
		50	25	10.16	10.22	10.22	11
		50	50	10.07	10.24	10.24	11
		100	0	10.16	10.04	10.32	11
	16QAM	1	0	10.86	10.3	10.89	11
		1	50	10.46	9.98	9.8	11
		1	99	10.34	10.17	10.52	11
		50	0	10.15	10.16	10.13	11
		50	25	10.19	10.15	10.14	11
		50	50	10.1	10.16	10.14	11
		100	0	10.05	10.03	9.96	11
	64QAM	1	0	10.12	10.23	10.14	11
		1	50	9.86	9.93	9.95	11
		1	99	10.23	10.21	10.29	11
		50	0	10.15	9.96	10.17	11
		50	25	9.89	10.03	9.85	11
		50	50	10.03	9.89	9.86	11
		100	0	10.04	10	10.14	11

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LTE Band 2 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.26	15.23	15.2	16
		1	2	14.76	14.26	15.45	16
		1	5	15.3	15.16	15.13	16
		3	0	14.99	15.26	15.04	16
		3	2	14.97	14.48	15.13	16
		3	3	15.04	14.88	15.13	16
		6	0	15.12	14.9	15.1	16
	16QAM	1	0	15.19	15.7	15.48	16
		1	2	14.18	15.51	15.14	16
		1	5	15.91	15.25	15.42	16
		3	0	15.26	15.2	14.94	16
		3	2	15.4	15.43	15.15	16
		3	3	15.05	14.52	15.13	16
		6	0	15.13	15.31	14.71	16
	64QAM	1	0	15.15	15.22	15.2	16
		1	2	14.83	15.03	14.97	16
		1	5	15.23	15.31	15.28	16
		3	0	15.14	15.03	15.2	16
		3	2	14.94	15.05	14.9	16
		3	3	14.97	14.91	14.92	16
		6	0	15.11	15.06	15.21	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.17	14.99	15.15	16
		1	7	15.51	15.45	14.35	16
		1	14	15.22	15.25	15.17	16
		8	0	14.89	15.23	15	16
		8	4	15.21	15.21	15.2	16
		8	7	15.23	15.14	15.25	16
		15	0	15.24	15.07	15.2	16
	16QAM	1	0	15.81	15.5	15.29	16
		1	7	14.91	14.63	15.89	16
		1	14	15.41	15.31	15.45	16
		8	0	15.17	15.19	15	16
		8	4	15.19	15.18	15.27	16
		8	7	15.27	14.99	15.21	16
		15	0	15.11	15.26	15.1	16
	64QAM	1	0	15.17	15.21	15.2	16
		1	7	14.85	15.02	14.96	16
		1	14	15.24	15.32	15.28	16
		8	0	15.17	15.04	15.19	16
		8	4	14.9	15.05	14.89	16
		8	7	14.97	14.89	14.91	16
		15	0	15.1	15.06	15.17	16
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	15.27	15.21	15.12	16
		1	13	15.18	15.17	15.18	16
		1	24	15.2	15.17	15.17	16
		12	0	15.25	15.29	15.27	16
		12	6	15.27	15.14	15.24	16
		12	13	15.23	15.14	15.22	16
		25	0	15.22	15.13	15.11	16
	16QAM	1	0	15.71	15.69	15.75	16
		1	13	15.57	15.25	15.56	16
		1	24	15.77	15.58	15.5	16
		12	0	15.29	15.27	15.19	16
		12	6	15.11	15.1	15.18	16
		12	13	15.12	15.22	15.11	16
		25	0	15.08	15.26	15.05	16
	64QAM	1	0	15.18	15.23	15.19	16
		1	13	14.83	15.01	14.97	16
		1	24	15.22	15.3	15.28	16
		12	0	15.13	15.05	15.18	16
		12	6	14.9	15.07	14.9	16
		12	13	14.97	14.89	14.92	16
		25	0	15.1	15.08	15.2	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.17	15.27	15.25	16
		1	25	14.8	15.31	14.68	16
		1	49	15.11	15.15	15.1	16
		25	0	15.14	15.12	15.13	16
		25	13	15.08	15.18	15.19	16
		25	25	15.1	15.08	15.2	16
		50	0	15.14	15.2	15.17	16
	16QAM	1	0	15.46	15.6	15.6	16
		1	25	15.66	15.36	15.34	16
		1	49	15.61	15.43	15.49	16
		25	0	15.1	15.16	15.1	16
		25	13	15.07	15.05	15	16
		25	25	15.12	15.08	15.19	16
		50	0	15.11	15.01	15.12	16
	64QAM	1	0	15.16	15.2	15.19	16
		1	25	14.86	15.04	14.96	16
		1	49	15.22	15.32	15.29	16
		25	0	15.14	15.04	15.2	16
		25	13	14.91	15.04	14.88	16
		25	25	14.97	14.88	14.91	16
		50	0	15.1	15.05	15.18	16
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.29	15.18	15.19	16
		1	38	15.21	15.2	15.19	16
		1	74	15.02	15.11	15.07	16
		36	0	15.22	15.29	15.25	16
		36	18	15.21	15.14	15.15	16
		36	39	15.19	15.23	15.26	16
		75	0	15.22	15.13	15.19	16
	16QAM	1	0	15.77	15.28	15.43	16
		1	38	15.81	15.46	15.58	16
		1	74	15.19	15.08	15.4	16
		36	0	15.23	15.2	15.12	16
		36	18	15.2	15.04	15.13	16
		36	39	15.19	15.14	15.2	16
		75	0	15.11	15.15	15.18	16
	64QAM	1	0	15.15	15.23	15.19	16
		1	38	14.84	15.02	14.95	16
		1	74	15.24	15.31	15.28	16
		36	0	15.14	15.03	15.19	16
		36	18	14.91	15.07	14.88	16
		36	39	14.97	14.89	14.89	16
		75	0	15.1	15.05	15.19	16

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.27	15.3	15.32	16
		1	50	14.49	15.24	15.33	16
		1	99	15.17	15.23	15.28	16
		50	0	15.23	15.27	15.24	16
		50	25	15.1	15.17	15.2	16
		50	50	15.13	15.09	15.15	16
		100	0	15.23	15.18	15.26	16
	16QAM	1	0	15.69	15.73	15.54	16
		1	50	15.54	15.52	14.91	16
		1	99	15.6	15.47	15.87	16
		50	0	15.11	15.17	15.13	16
		50	25	15.07	15.08	15.03	16
		50	50	15.16	15.17	15.15	16
		100	0	15.11	15.06	15.09	16
	64QAM	1	0	15.17	15.21	15.19	16
		1	50	14.84	15	14.96	16
		1	99	15.22	15.29	15.28	16
		50	0	15.17	15.06	15.18	16
		50	25	14.91	15.07	14.87	16
		50	50	14.95	14.9	14.91	16
		100	0	15.12	15.06	15.19	16

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LTE Band 2 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	13.23	13.16	12.88	14
		1	2	12.45	13.1	13.09	14
		1	5	13.24	13.25	13.14	14
		3	0	13.04	13.09	13.11	14
		3	2	12.92	12.86	12.99	14
		3	3	13.12	12.86	13.11	14
		6	0	13.26	13.09	12.79	14
	16QAM	1	0	13.53	13.29	13.66	14
		1	2	13.33	13.16	12.68	14
		1	5	13.78	13.76	13.36	14
		3	0	12.86	13.32	12.89	14
		3	2	12.87	12.87	13.53	14
		3	3	13.15	13.43	13.37	14
		6	0	13.35	13.26	13.07	14
	64QAM	1	0	13.07	13.13	13.13	14
		1	2	12.77	12.97	12.88	14
		1	5	13.14	13.24	13.22	14
		3	0	13.11	12.95	13.19	14
		3	2	12.93	12.97	12.81	14
		3	3	12.95	12.88	12.89	14
		6	0	13.03	12.98	13.13	14

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	13.17	13.27	13.03	14
		1	7	12	10.45	13.28	14
		1	14	13.1	13.19	13.17	14
		8	0	13.29	13.13	13.05	14
		8	4	13.09	12.97	13.2	14
		8	7	13.08	13.1	13.16	14
		15	0	13.27	12.97	13.05	14
	16QAM	1	0	13.56	13.47	13.55	14
		1	7	13.32	12.82	12.61	14
		1	14	12.89	13.65	13.58	14
		8	0	13.17	13.29	12.92	14
		8	4	13.16	13.08	13.01	14
		8	7	13.16	13.14	13.02	14
		15	0	13.04	13.1	13	14
	64QAM	1	0	13.08	13.21	13.17	14
		1	7	12.82	12.96	12.95	14
		1	14	13.16	13.3	13.24	14
		8	0	13.08	13.02	13.12	14
		8	4	12.93	13.04	12.82	14
		8	7	12.96	12.89	12.89	14
		15	0	13.04	13.03	13.17	14
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	13.13	13.19	13.06	14
		1	13	13.16	13.16	13.11	14
		1	24	13.1	13.11	13.2	14
		12	0	13.19	13.16	13.2	14
		12	6	13.13	13.24	13.22	14
		12	13	13.17	13.23	13.15	14
		25	0	13.15	13.11	13.03	14
	16QAM	1	0	12.82	13.24	13.67	14
		1	13	13.3	12.95	13.47	14
		1	24	13.44	13.5	13.13	14
		12	0	13.23	13.11	13.24	14
		12	6	13.05	13.04	13.15	14
		12	13	13.15	13.02	13.18	14
		25	0	13.08	13.06	12.85	14
	64QAM	1	0	13.09	13.16	13.15	14
		1	13	12.78	12.94	12.95	14
		1	24	13.2	13.29	13.24	14
		12	0	13.06	12.98	13.17	14
		12	6	12.87	12.99	12.83	14
		12	13	12.95	12.85	12.89	14
		25	0	13.05	13	13.12	14

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	13.22	13.3	13.1	14
		1	25	12.87	12.84	12.91	14
		1	49	13.14	13.15	13.25	14
		25	0	13.12	13.21	13.22	14
		25	13	13.1	13.1	13.15	14
		25	25	13.15	13.09	13.08	14
		50	0	13.15	13.13	13.12	14
	16QAM	1	0	13.53	13.48	13.77	14
		1	25	13.35	13.87	13.26	14
		1	49	13.38	12.95	13.58	14
		25	0	13.02	13.24	13.23	14
		25	13	13.11	13.04	13.16	14
		25	25	13.12	13.04	12.98	14
		50	0	13.11	13.02	13.13	14
	64QAM	1	0	13.11	13.17	13.19	14
		1	25	12.8	12.99	12.9	14
		1	49	13.13	13.24	13.21	14
		25	0	13.11	13	13.18	14
		25	13	12.88	13.05	12.88	14
		25	25	12.87	12.88	12.86	14
		50	0	13.06	13.06	13.17	14
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	13.28	13.24	13.15	14
		1	38	13.24	13.03	13.2	14
		1	74	13.07	13.05	12.84	14
		36	0	13.15	13.18	13.24	14
		36	18	13.24	13.26	13.22	14
		36	39	13.13	13.26	13.28	14
		75	0	13.13	13.14	13.17	14
	16QAM	1	0	13.6	13.5	13.44	14
		1	38	13.41	13.46	13.78	14
		1	74	12.83	13.44	13.5	14
		36	0	13.28	13.17	13.17	14
		36	18	13.18	13.19	13.15	14
		36	39	13.11	13.09	13.09	14
		75	0	13.06	13.07	13.15	14
	64QAM	1	0	13.13	13.15	13.18	14
		1	38	12.77	12.98	12.94	14
		1	74	13.15	13.26	13.22	14
		36	0	13.09	12.95	13.19	14
		36	18	12.89	12.98	12.86	14
		36	39	12.91	12.83	12.9	14
		75	0	13.11	13.06	13.19	14

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	13.39	13.3	13.23	14
		1	50	13.11	12.21	13.01	14
		1	99	13.23	13.16	13.08	14
		50	0	13.2	13.32	13.14	14
		50	25	13.2	13.19	13.19	14
		50	50	13.17	13.17	13.15	14
		100	0	13.09	13.13	13.31	14
	16QAM	1	0	13.82	14.23	14.06	14
		1	50	13.32	12.39	13.54	14
		1	99	13.66	13.52	13.12	14
		50	0	13.15	13.11	13.11	14
		50	25	13.11	13.19	13.13	14
		50	50	13.14	13.12	13.14	14
		100	0	13.14	13.05	13.1	14
	64QAM	1	0	13.13	13.16	13.15	14
		1	50	12.79	13.02	12.96	14
		1	99	13.16	13.25	13.18	14
		50	0	13.08	12.96	13.19	14
		50	25	12.91	13.03	12.81	14
		50	50	12.95	12.91	12.83	14
		100	0	13.08	12.98	13.12	14

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LTE Band 2 Receiver off （body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.77	18.6	18.55	19.5
		1	2	18.11	18.59	18.3	19.5
		1	5	18.81	18.8	18.72	19.5
		3	0	18.7	18.72	18.7	19.5
		3	2	18.72	18.67	18.76	19.5
		3	3	18.51	18.68	18.67	19.5
		6	0	18.51	18.63	18.53	19.5
	16QAM	1	0	18.78	19.2	18.38	19.5
		1	2	18.65	18.95	18.69	19.5
		1	5	19.33	18.94	19.26	19.5
		3	0	18.7	18.52	18.79	19.5
		3	2	18.96	18.67	18.87	19.5
		3	3	18.74	18.89	18.7	19.5
		6	0	18.77	18.51	18.45	19.5
	64QAM	1	0	18.62	18.62	18.57	19.5
		1	2	18.21	18.52	18.44	19.5
		1	5	18.64	18.69	18.62	19.5
		3	0	18.5	18.44	18.6	19.5
		3	2	18.34	18.43	18.3	19.5
		3	3	18.41	18.33	18.31	19.5
		6	0	18.55	18.43	18.6	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	18.71	18.66	18.75	19.5
		1	7	18.71	17.67	17.93	19.5
		1	14	18.67	18.67	18.81	19.5
		8	0	18.75	18.5	18.68	19.5
		8	4	18.61	18.18	18.5	19.5
		8	7	18.76	18.59	18.75	19.5
		15	0	18.78	18.72	18.71	19.5
	16QAM	1	0	18.82	18.89	18.83	19.5
		1	7	17.71	18.67	19.2	19.5
		1	14	19.04	19.05	18.83	19.5
		8	0	18.71	18.45	18.81	19.5
		8	4	18.78	18.62	18.55	19.5
		8	7	18.54	18.71	18.59	19.5
		15	0	18.71	18.55	18.71	19.5
	64QAM	1	0	18.55	18.57	18.61	19.5
		1	7	18.23	18.45	18.43	19.5
		1	14	18.65	18.69	18.59	19.5
		8	0	18.55	18.39	18.67	19.5
		8	4	18.35	18.49	18.27	19.5
		8	7	18.36	18.37	18.32	19.5
		15	0	18.52	18.39	18.61	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	18.72	18.74	18.59	19.5
		1	13	18.74	18.74	18.67	19.5
		1	24	18.65	18.61	18.71	19.5
		12	0	18.77	18.73	18.74	19.5
		12	6	18.63	18.59	18.86	19.5
		12	13	18.77	18.69	18.73	19.5
		25	0	18.62	18.68	18.6	19.5
	16QAM	1	0	19.12	19.03	19.12	19.5
		1	13	19	19.08	18.98	19.5
		1	24	18.98	19.03	19.05	19.5
		12	0	18.76	18.72	18.72	19.5
		12	6	18.7	18.63	18.68	19.5
		12	13	18.75	18.7	18.72	19.5
		25	0	18.57	18.63	18.56	19.5
	64QAM	1	0	18.63	18.63	18.56	19.5
		1	13	18.19	18.44	18.45	19.5
		1	24	18.62	18.69	18.58	19.5
		12	0	18.5	18.41	18.62	19.5
		12	6	18.31	18.46	18.29	19.5
		12	13	18.36	18.38	18.26	19.5
		25	0	18.54	18.38	18.61	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	18.79	18.72	18.71	19.5
		1	25	18.53	18.61	18.66	19.5
		1	49	18.67	18.6	18.71	19.5
		25	0	18.63	18.74	18.79	19.5
		25	13	18.68	18.7	18.75	19.5
		25	25	18.61	18.62	18.68	19.5
		50	0	18.67	18.73	18.71	19.5
	16QAM	1	0	18.95	19.14	19.25	19.5
		1	25	18.38	18.67	19.48	19.5
		1	49	19.16	18.99	18.81	19.5
		25	0	18.53	18.54	18.8	19.5
		25	13	18.59	18.66	18.63	19.5
		25	25	18.72	18.69	18.62	19.5
		50	0	18.73	18.71	18.66	19.5
	64QAM	1	0	18.6	18.62	18.64	19.5
		1	25	18.19	18.44	18.38	19.5
		1	49	18.59	18.65	18.59	19.5
		25	0	18.55	18.42	18.66	19.5
		25	13	18.4	18.44	18.28	19.5
		25	25	18.37	18.32	18.27	19.5
		50	0	18.54	18.42	18.54	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	18.65	18.8	18.75	19.5
		1	38	18.61	18.76	18.75	19.5
		1	74	18.59	18.58	18.55	19.5
		36	0	18.71	18.81	18.71	19.5
		36	18	18.73	18.67	18.8	19.5
		36	39	18.68	18.66	18.74	19.5
		75	0	18.65	18.67	18.72	19.5
	16QAM	1	0	19.12	19.04	18.47	19.5
		1	38	19.2	19.24	18.71	19.5
		1	74	19.05	19.1	19.07	19.5
		36	0	18.69	18.77	18.78	19.5
		36	18	18.66	18.65	18.6	19.5
		36	39	18.63	18.62	18.65	19.5
		75	0	18.7	18.55	18.67	19.5
	64QAM	1	0	18.59	18.59	18.59	19.5
		1	38	18.29	18.49	18.42	19.5
		1	74	18.57	18.7	18.59	19.5
		36	0	18.56	18.41	18.66	19.5
		36	18	18.33	18.47	18.3	19.5
		36	39	18.4	18.37	18.25	19.5
		75	0	18.49	18.45	18.56	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.84	18.87	18.9	19.5
		1	50	18.59	18.58	18.44	19.5
		1	99	18.71	18.64	18.72	19.5
		50	0	18.67	18.75	18.72	19.5
		50	25	18.75	18.7	18.66	19.5
		50	50	18.67	18.68	18.69	19.5
		100	0	18.79	18.69	18.77	19.5
	16QAM	1	0	19.59	19.41	19.06	19.5
		1	50	19.15	18.13	19.11	19.5
		1	99	19.17	19.19	19.02	19.5
		50	0	18.66	18.72	18.68	19.5
		50	25	18.58	18.66	18.59	19.5
		50	50	18.6	18.6	18.61	19.5
		100	0	18.72	18.63	18.6	19.5
	64QAM	1	0	18.55	18.66	18.61	19.5
		1	50	18.25	18.44	18.45	19.5
		1	99	18.6	18.7	18.65	19.5
		50	0	18.55	18.42	18.66	19.5
		50	25	18.39	18.48	18.3	19.5
		50	50	18.43	18.37	18.28	19.5
		100	0	18.56	18.41	18.59	19.5

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LTE Band 2 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	14.21	14.2	14.21	15
		1	2	14.13	13.25	13.75	15
		1	5	14.18	14.04	14.13	15
		3	0	14.24	13.87	14.09	15
		3	2	14.26	14.18	14.12	15
		3	3	14.03	14.03	14.18	15
		6	0	14.12	14.53	14.37	15
	16QAM	1	0	14.79	14.24	14.42	15
		1	2	14.73	13.37	14.15	15
		1	5	14.54	14.46	14.7	15
		3	0	14.09	14.58	13.71	15
		3	2	14.22	13.23	13.82	15
		3	3	14.5	14.28	14.05	15
		6	0	14	14.13	14.26	15
	64QAM	1	0	14.05	14.05	13.97	15
		1	2	13.67	14.01	13.93	15
		1	5	14.06	14.14	14.05	15
		3	0	13.93	13.87	14.02	15
		3	2	13.78	13.91	13.7	15
		3	3	13.9	13.78	13.72	15
		6	0	13.95	13.92	14.05	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	14.14	14.18	14.08	15
		1	7	14.39	14.02	13.9	15
		1	14	14.07	14.24	14.03	15
		8	0	14.16	14.15	14.07	15
		8	4	14.29	13.75	14.06	15
		8	7	14.04	13.97	14.15	15
		15	0	14.15	14.1	14.3	15
	16QAM	1	0	14.79	14	14.56	15
		1	7	13.59	13.2	13.64	15
		1	14	14.31	13.72	14.58	15
		8	0	14.23	14.06	14.12	15
		8	4	14.15	13.89	14.18	15
		8	7	14.08	14.18	14.2	15
		15	0	14.1	14.26	14.23	15
	64QAM	1	0	14.04	14.05	14.04	15
		1	7	13.67	13.96	13.86	15
		1	14	14.12	14.15	14.07	15
		8	0	13.92	13.88	14	15
		8	4	13.76	13.89	13.77	15
		8	7	13.83	13.78	13.74	15
		15	0	13.95	13.93	14.01	15
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	14.28	14.06	14	15
		1	13	14.13	14.11	14.38	15
		1	24	14.15	14.11	14.21	15
		12	0	14.25	14.2	14.2	15
		12	6	14.09	14.21	13.86	15
		12	13	14.25	14.3	14.16	15
		25	0	14.17	14.3	14.16	15
	16QAM	1	0	14.49	14.84	14.65	15
		1	13	14.49	14.86	14.61	15
		1	24	14.39	14.4	14.56	15
		12	0	14.21	14.17	14.23	15
		12	6	14.09	14.07	14.21	15
		12	13	14.23	14.2	14.22	15
		25	0	14.06	14.2	14.26	15
	64QAM	1	0	14.07	14.08	14	15
		1	13	13.62	13.94	13.86	15
		1	24	14.09	14.09	14.04	15
		12	0	13.95	13.87	14.07	15
		12	6	13.77	13.85	13.79	15
		12	13	13.87	13.78	13.76	15
		25	0	13.97	13.9	14.01	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	14.27	14.21	14.03	15
		1	25	14.41	14.47	13.75	15
		1	49	14.02	14.08	14.15	15
		25	0	14.22	14.26	14.14	15
		25	13	14.19	14.08	14.14	15
		25	25	14.17	14.21	14.2	15
		50	0	14.1	14.17	14.14	15
	16QAM	1	0	14.14	15.08	14.48	15
		1	25	13.91	14.57	14.48	15
		1	49	14.5	14.49	14.55	15
		25	0	14.11	14.07	14.09	15
		25	13	14.03	14.12	14.11	15
		25	25	14.15	14.08	14.05	15
		50	0	14.1	14.03	14.11	15
	64QAM	1	0	14.07	14.06	14.01	15
		1	25	13.69	13.95	13.9	15
		1	49	14.1	14.1	14.08	15
		25	0	13.9	13.87	14.09	15
		25	13	13.84	13.84	13.71	15
		25	25	13.89	13.75	13.79	15
		50	0	14.04	13.88	14.04	15
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	14.18	14.29	14.13	15
		1	38	14.09	14.02	14.33	15
		1	74	14.06	13.95	14.12	15
		36	0	14.24	14.25	14.21	15
		36	18	14.2	14.22	14.27	15
		36	39	14.22	14.21	14.21	15
		75	0	14.23	14.18	14.09	15
	16QAM	1	0	14.67	14.84	14.57	15
		1	38	14.83	14.64	14.52	15
		1	74	14.64	14.31	14.4	15
		36	0	14.09	14.14	14.13	15
		36	18	14.14	14.16	14.23	15
		36	39	14.18	14.09	14.17	15
		75	0	14.1	14.01	13.99	15
	64QAM	1	0	14.07	14.03	14.03	15
		1	38	13.63	13.97	13.87	15
		1	74	14.13	14.11	14.08	15
		36	0	13.91	13.92	14.04	15
		36	18	13.82	13.86	13.72	15
		36	39	13.88	13.83	13.77	15
		75	0	13.99	13.88	14.01	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	14.4	14.29	14.22	15
		1	50	14.28	13.87	13.51	15
		1	99	14.24	14.25	14.45	15
		50	0	14.24	14.24	14.23	15
		50	25	14.17	14.27	14.13	15
		50	50	14.21	14.1	14.21	15
		100	0	14.24	14.08	14.26	15
	16QAM	1	0	14.62	14.67	14.33	15
		1	50	14.19	14.73	13.86	15
		1	99	14.53	14.39	14.66	15
		50	0	14.19	14.2	14.16	15
		50	25	14.1	14.13	14.16	15
		50	50	14.05	14.09	14.12	15
		100	0	14.23	14.14	14.25	15
	64QAM	1	0	14.1	14.12	14.02	15
		1	50	13.67	14.01	13.9	15
		1	99	14.05	14.09	14.11	15
		50	0	13.93	13.88	14.04	15
		50	25	13.79	13.85	13.75	15
		50	50	13.85	13.76	13.78	15
		100	0	14.04	13.87	14.07	15

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LTE Band 2 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.24	12.27	12.13	13
		1	2	11.34	12.27	12.2	13
		1	5	12.25	12.05	12.19	13
		3	0	12.26	12.17	11.94	13
		3	2	12.06	12.14	12.45	13
		3	3	11.83	12.25	12.28	13
		6	0	12.05	11.97	12.3	13
	16QAM	1	0	12.84	12.69	12.46	13
		1	2	11.97	11.92	11.61	13
		1	5	12.62	12.55	12.41	13
		3	0	11.84	12.33	11.8	13
		3	2	12.15	12.14	11.83	13
		3	3	11.97	12.15	11.73	13
		6	0	12.32	12.34	12.2	13
	64QAM	1	0	12.06	12.22	12.09	13
		1	2	11.67	12.06	12.07	13
		1	5	12.24	12.17	12.15	13
		3	0	12.03	11.97	12.04	13
		3	2	11.95	12.02	11.71	13
		3	3	12.02	11.84	11.87	13
		6	0	11.96	11.98	12.23	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.09	12.22	12.14	13
		1	7	12.25	11.21	11.63	13
		1	14	12.21	12.05	12.14	13
		8	0	12.23	12.08	12.21	13
		8	4	12.05	11.98	12	13
		8	7	12.02	12.09	12.22	13
		15	0	11.99	12.27	12.22	13
	16QAM	1	0	12.81	12.5	12.17	13
		1	7	11.71	12.11	12.16	13
		1	14	12.4	12.51	12.4	13
		8	0	12.1	12.08	12.07	13
		8	4	12.06	11.88	12.05	13
		8	7	12.13	12.05	12.08	13
		15	0	12.12	12.13	11.88	13
	64QAM	1	0	12.08	12.1	12.05	13
		1	7	11.78	12.06	12.03	13
		1	14	12.19	12.15	12.19	13
		8	0	12.11	11.98	12.19	13
		8	4	11.9	11.98	11.86	13
		8	7	11.91	11.83	11.84	13
		15	0	12.11	11.96	12.13	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.19	12.23	12	13
		1	13	12.06	12.12	12.19	13
		1	24	12.15	12.05	12.27	13
		12	0	12.33	12.21	12.2	13
		12	6	12.12	12.08	12.2	13
		12	13	12.21	12.16	12.18	13
		25	0	12.1	12.16	11.99	13
	16QAM	1	0	12.81	12.42	12.68	13
		1	13	12.58	12.71	12.36	13
		1	24	12.66	11.96	12.15	13
		12	0	12.15	12.18	12.19	13
		12	6	12.26	12.26	12.29	13
		12	13	12.22	12.17	12.26	13
		25	0	12.25	12.12	12.2	13
	64QAM	1	0	12.18	12.09	12.06	13
		1	13	11.79	12.02	12.06	13
		1	24	12.19	12.26	12.18	13
		12	0	12.03	11.9	12.06	13
		12	6	11.84	11.97	11.72	13
		12	13	11.92	11.82	11.72	13
		25	0	12.03	12.09	12.19	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.17	12.21	12.2	13
		1	25	11.59	12.07	11.28	13
		1	49	12.16	12.21	12.19	13
		25	0	12.23	12.24	12.21	13
		25	13	12.2	12.15	12.16	13
		25	25	12.19	12.09	12.16	13
		50	0	12.24	12.2	12.14	13
	16QAM	1	0	12.79	12.57	12.55	13
		1	25	11.99	12.01	12.39	13
		1	49	12.89	12.5	12.51	13
		25	0	12.14	12.09	12.15	13
		25	13	12.09	12.21	12.18	13
		25	25	12.08	12.09	12.08	13
		50	0	12.04	12.18	12.11	13
	64QAM	1	0	12.19	12.1	11.98	13
		1	25	11.84	12.16	12.09	13
		1	49	12.14	12.26	12.15	13
		25	0	12.1	11.98	12.2	13
		25	13	11.79	11.91	11.86	13
		25	25	11.97	11.83	11.8	13
		50	0	12.02	12.06	12.1	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.12	12.29	12.21	13
		1	38	12.09	12.17	12.14	13
		1	74	12.08	12.09	11.94	13
		36	0	12.22	12.26	12.15	13
		36	18	12.18	12.19	12.21	13
		36	39	12.13	12.19	12.21	13
		75	0	12.28	12.27	12.21	13
	16QAM	1	0	12.45	12.43	12.61	13
		1	38	12.7	12.77	12.49	13
		1	74	12.6	12.55	12.48	13
		36	0	12.18	12.22	12.18	13
		36	18	12.12	12.16	12.07	13
		36	39	12.09	12.17	11.98	13
		75	0	12.01	12.2	12.13	13
	64QAM	1	0	12.1	12.09	12.12	13
		1	38	11.79	12.08	12.01	13
		1	74	12.08	12.21	12.05	13
		36	0	12.09	11.88	12.04	13
		36	18	11.88	12.04	11.84	13
		36	39	12.02	11.79	11.82	13
		75	0	11.98	12.07	12.21	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.28	12.34	12.37	13
		1	50	12.58	11.97	11.76	13
		1	99	12.19	12.07	12.27	13
		50	0	12.16	12.13	12.13	13
		50	25	12.11	12.14	12.11	13
		50	50	12.13	12.24	12.24	13
		100	0	12.18	12.2	12.23	13
	16QAM	1	0	12.77	12.84	12.71	13
		1	50	12.34	12.19	12.07	13
		1	99	12.64	12.26	12.51	13
		50	0	12.09	12.21	12.2	13
		50	25	12.16	12.15	12.1	13
		50	50	12.11	12.03	11.99	13
		100	0	12.12	12.16	12.02	13
	64QAM	1	0	12.13	12.22	12.1	13
		1	50	11.69	12.15	11.99	13
		1	99	12.22	12.14	12.21	13
		50	0	11.94	12.04	12.02	13
		50	25	11.84	12.02	11.87	13
		50	50	11.91	11.88	11.82	13
		100	0	12.02	12	12.15	13

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LTE Band 2 Receiver off (body or limbs) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.64	17.72	17.78	18.5
		1	2	17.64	17.79	18.02	18.5
		1	5	17.67	17.64	17.78	18.5
		3	0	17.68	17.75	17.61	18.5
		3	2	17.51	17.46	17.44	18.5
		3	3	17.67	17.77	17.65	18.5
		6	0	17.58	17.62	17.65	18.5
	16QAM	1	0	18.22	18	17.93	18.5
		1	2	18.06	18.03	18.04	18.5
		1	5	18.1	18.25	18.04	18.5
		3	0	17.95	17.69	17.8	18.5
		3	2	17.74	17.45	17.43	18.5
		3	3	17.95	17.83	17.48	18.5
		6	0	17.54	17.51	17.41	18.5
	64QAM	1	0	17.55	17.64	17.52	18.5
		1	2	17.17	17.65	17.45	18.5
		1	5	17.68	17.59	17.68	18.5
		3	0	17.41	17.48	17.45	18.5
		3	2	17.26	17.47	17.29	18.5
		3	3	17.4	17.29	17.25	18.5
		6	0	17.47	17.46	17.63	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	17.76	17.69	17.74	18.5
		1	7	17.62	16.95	15.86	18.5
		1	14	17.7	17.77	17.6	18.5
		8	0	17.61	17.7	17.52	18.5
		8	4	17.67	17.61	17.65	18.5
		8	7	17.75	17.68	17.7	18.5
		15	0	17.75	17.62	17.64	18.5
	16QAM	1	0	17.74	17.52	17.93	18.5
		1	7	17.79	17.76	17.2	18.5
		1	14	17.89	18.11	18.37	18.5
		8	0	17.55	17.59	17.61	18.5
		8	4	17.45	17.62	17.64	18.5
		8	7	17.45	17.78	17.48	18.5
		15	0	17.67	17.61	17.68	18.5
	64QAM	1	0	17.6	17.63	17.58	18.5
		1	7	17.17	17.62	17.48	18.5
		1	14	17.65	17.63	17.7	18.5
		8	0	17.36	17.47	17.43	18.5
		8	4	17.31	17.51	17.34	18.5
		8	7	17.32	17.29	17.24	18.5
		15	0	17.44	17.4	17.63	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.77	17.66	17.75	18.5
		1	13	17.71	17.77	17.64	18.5
		1	24	17.7	17.74	17.67	18.5
		12	0	17.78	17.73	17.79	18.5
		12	6	17.78	17.58	17.43	18.5
		12	13	17.75	17.71	17.76	18.5
		25	0	17.85	17.65	17.75	18.5
	16QAM	1	0	17.59	18	18.06	18.5
		1	13	18.01	18.01	17.95	18.5
		1	24	17.57	17.78	18.03	18.5
		12	0	17.73	17.73	17.78	18.5
		12	6	17.37	17.7	17.8	18.5
		12	13	17.69	17.67	17.74	18.5
		25	0	17.79	17.62	17.56	18.5
	64QAM	1	0	17.62	17.68	17.59	18.5
		1	13	17.11	17.56	17.4	18.5
		1	24	17.69	17.56	17.64	18.5
		12	0	17.43	17.51	17.43	18.5
		12	6	17.34	17.46	17.3	18.5
		12	13	17.36	17.37	17.3	18.5
		25	0	17.49	17.49	17.57	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.78	17.75	17.68	18.5
		1	25	17.13	17.09	17.47	18.5
		1	49	17.49	17.7	17.74	18.5
		25	0	17.68	17.69	17.77	18.5
		25	13	17.66	17.72	17.7	18.5
		25	25	17.76	17.64	17.63	18.5
		50	0	17.7	17.65	17.68	18.5
	16QAM	1	0	17.84	18.19	17.96	18.5
		1	25	17.72	18.46	17.93	18.5
		1	49	17.97	18.23	18.02	18.5
		25	0	17.64	17.72	17.68	18.5
		25	13	17.47	17.66	17.62	18.5
		25	25	17.68	17.57	17.58	18.5
		50	0	17.59	17.54	17.68	18.5
	64QAM	1	0	17.55	17.67	17.55	18.5
		1	25	17.12	17.55	17.42	18.5
		1	49	17.71	17.55	17.66	18.5
		25	0	17.43	17.51	17.45	18.5
		25	13	17.25	17.42	17.33	18.5
		25	25	17.34	17.31	17.28	18.5
		50	0	17.44	17.45	17.56	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.62	17.74	17.73	18.5
		1	38	17.76	17.69	17.73	18.5
		1	74	17.52	17.58	17.67	18.5
		36	0	17.68	17.73	17.77	18.5
		36	18	17.77	17.7	17.77	18.5
		36	39	17.71	17.69	17.7	18.5
		75	0	17.69	17.69	17.69	18.5
	16QAM	1	0	17.8	17.6	17.82	18.5
		1	38	18.25	17.98	18.23	18.5
		1	74	17.82	17.85	17.99	18.5
		36	0	17.71	17.69	17.67	18.5
		36	18	17.6	17.73	17.66	18.5
		36	39	17.57	17.59	17.63	18.5
		75	0	17.66	17.75	17.64	18.5
	64QAM	1	0	17.59	17.65	17.56	18.5
		1	38	17.1	17.55	17.46	18.5
		1	74	17.68	17.63	17.69	18.5
		36	0	17.43	17.46	17.51	18.5
		36	18	17.27	17.46	17.29	18.5
		36	39	17.4	17.3	17.32	18.5
		75	0	17.48	17.5	17.58	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.85	17.91	17.78	18.5
		1	50	17.27	17.13	17.16	18.5
		1	99	17.79	17.74	17.73	18.5
		50	0	17.78	17.71	17.76	18.5
		50	25	17.63	17.73	17.6	18.5
		50	50	17.72	17.72	17.76	18.5
		100	0	17.73	17.76	17.79	18.5
	16QAM	1	0	17.9	18.13	18.19	18.5
		1	50	17.84	17.62	16.83	18.5
		1	99	18.06	18.03	18.01	18.5
		50	0	17.72	17.79	17.76	18.5
		50	25	17.59	17.64	17.71	18.5
		50	50	17.67	17.73	17.71	18.5
		100	0	17.7	17.7	17.64	18.5
	64QAM	1	0	17.59	17.71	17.53	18.5
		1	50	17.17	17.63	17.44	18.5
		1	99	17.63	17.61	17.68	18.5
		50	0	17.4	17.53	17.43	18.5
		50	25	17.25	17.44	17.3	18.5
		50	50	17.33	17.37	17.23	18.5
		100	0	17.46	17.47	17.62	18.5

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LTE Band 2 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.23	12.21	12.18	13
		1	2	12.46	12.14	11.05	13
		1	5	12.12	12.26	12.34	13
		3	0	12.19	12.13	11.74	13
		3	2	12.22	12.22	12.08	13
		3	3	12.32	12.2	11.8	13
		6	0	11.94	12.05	12.16	13
	16QAM	1	0	12.39	12.27	12.31	13
		1	2	12.73	12.44	12.62	13
		1	5	12.58	12	12.69	13
		3	0	12.18	12.23	12.38	13
		3	2	12.15	12.05	11.76	13
		3	3	12.26	12.12	12.16	13
		6	0	12.25	12.11	12.37	13
	64QAM	1	0	12.09	12.21	12.05	13
		1	2	11.68	12.11	11.91	13
		1	5	12.22	12.1	12.16	13
		3	0	11.88	12.03	11.95	13
		3	2	11.79	11.95	11.86	13
		3	3	11.86	11.84	11.79	13
		6	0	11.94	11.93	12.09	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.19	12.14	12.14	13
		1	7	12.49	12.46	11.77	13
		1	14	12.15	12.22	12.25	13
		8	0	12.2	12.18	12.09	13
		8	4	12.25	12.18	12.37	13
		8	7	12.21	11.99	12.22	13
		15	0	12.19	12.28	12.44	13
	16QAM	1	0	12.66	12.9	11.97	13
		1	7	12.24	12.06	11.81	13
		1	14	12.55	12.78	12.08	13
		8	0	12.11	12.09	12.23	13
		8	4	11.85	12.25	12.03	13
		8	7	11.84	12.1	12.21	13
		15	0	11.94	12.2	12.24	13
	64QAM	1	0	12.13	12.2	12.08	13
		1	7	11.68	12.12	11.92	13
		1	14	12.16	12.09	12.15	13
		8	0	11.87	11.99	11.99	13
		8	4	11.8	11.96	11.86	13
		8	7	11.88	11.82	11.77	13
		15	0	11.95	11.98	12.09	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.28	12.2	12.2	13
		1	13	12.16	12.15	12.12	13
		1	24	12.07	12.28	12.14	13
		12	0	12.34	12.23	12.23	13
		12	6	12.09	12.22	12.1	13
		12	13	12.13	12.16	12.2	13
		25	0	12.03	12.18	11.95	13
	16QAM	1	0	12.69	12.69	12.44	13
		1	13	12.6	12.61	12.79	13
		1	24	12.6	12	12.75	13
		12	0	12.01	12.18	12.11	13
		12	6	12	12	12.08	13
		12	13	12.05	12.22	12.16	13
		25	0	12.2	11.9	12.2	13
	64QAM	1	0	12.07	12.16	12.06	13
		1	13	11.63	12.12	11.96	13
		1	24	12.2	12.14	12.19	13
		12	0	11.88	11.98	12	13
		12	6	11.79	11.95	11.83	13
		12	13	11.86	11.84	11.82	13
		25	0	11.98	11.99	12.13	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.2	12.02	12.14	13
		1	25	12.03	12.21	12.12	13
		1	49	12.07	12.16	12.13	13
		25	0	12.17	12.17	12.19	13
		25	13	12.09	12.19	12.25	13
		25	25	12.18	12.2	12.21	13
		50	0	12.2	12.23	12.22	13
	16QAM	1	0	12.42	12.63	12.43	13
		1	25	12.42	12.62	12.35	13
		1	49	12.59	12.03	12.39	13
		25	0	12.18	12.15	12.11	13
		25	13	12.21	12.11	12.15	13
		25	25	12.08	12.13	11.92	13
		50	0	12.13	12.22	11.97	13
	64QAM	1	0	12.08	12.21	12.09	13
		1	25	11.66	12.13	11.95	13
		1	49	12.17	12.07	12.2	13
		25	0	11.9	11.99	11.95	13
		25	13	11.77	12	11.81	13
		25	25	11.84	11.82	11.78	13
		50	0	11.97	11.99	12.15	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.21	12.07	12.13	13
		1	38	12.17	12.03	12.21	13
		1	74	12.11	12.07	12.05	13
		36	0	12.13	12.25	12.19	13
		36	18	12.21	12.2	12.18	13
		36	39	12.15	12.19	12.22	13
		75	0	12.23	12.28	12.16	13
	16QAM	1	0	12.39	12.51	12.43	13
		1	38	12.54	12.91	12.41	13
		1	74	12	12.67	12.61	13
		36	0	12.22	12.28	12.19	13
		36	18	12.07	12.17	12.19	13
		36	39	12.1	12.1	12.02	13
		75	0	12.25	12.22	12.07	13
	64QAM	1	0	12.08	12.17	12.04	13
		1	38	11.63	12.09	11.94	13
		1	74	12.21	12.06	12.18	13
		36	0	11.91	11.97	12	13
		36	18	11.83	11.98	11.8	13
		36	39	11.89	11.88	11.77	13
		75	0	12.02	11.98	12.14	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.34	12.3	12.25	13
		1	50	12.37	11.67	11.97	13
		1	99	12.18	12.23	12.25	13
		50	0	12.18	12.26	12.15	13
		50	25	12.14	12.15	12.16	13
		50	50	12.14	12.12	12.24	13
		100	0	12.19	12.2	12.13	13
	16QAM	1	0	12.33	12.39	12.67	13
		1	50	12.64	12.8	12.46	13
		1	99	12.63	12.51	12.75	13
		50	0	12.11	12.24	12.17	13
		50	25	12.11	12.22	12.07	13
		50	50	12.07	12.03	12.21	13
		100	0	12.13	12.2	12.05	13
	64QAM	1	0	12.07	12.18	12.03	13
		1	50	11.63	12.14	11.96	13
		1	99	12.17	12.09	12.21	13
		50	0	11.91	11.97	12	13
		50	25	11.77	12.02	11.8	13
		50	50	11.89	11.84	11.81	13
		100	0	12.01	11.98	12.08	13

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LTE Band 2 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	10.28	10.24	10.15	11
		1	2	9.86	9.34	9.73	11
		1	5	10.23	10.23	10.12	11
		3	0	10.19	10.14	9.98	11
		3	2	10.19	10.47	9.9	11
		3	3	10.12	9.5	10.15	11
		6	0	10.14	10.14	10.24	11
	16QAM	1	0	10.3	10.47	10.6	11
		1	2	9.49	10.57	10.31	11
		1	5	10.41	10.52	9.91	11
		3	0	10.1	10.1	10.02	11
		3	2	10.29	10.32	9.98	11
		3	3	10.04	9.97	9.97	11
		6	0	9.86	9.73	10.34	11
	64QAM	1	0	10.09	10.22	10.08	11
		1	2	9.65	10.27	10.04	11
		1	5	10.17	10.17	10.27	11
		3	0	9.99	10.05	10.08	11
		3	2	9.79	10.11	9.91	11
		3	3	10.04	9.86	9.92	11
		6	0	10.06	10	10.17	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	10.12	10.1	10.08	11
		1	7	9.5	9.59	9.29	11
		1	14	10.14	10.18	10.11	11
		8	0	10.01	10.02	10.41	11
		8	4	10.17	10.15	10.08	11
		8	7	9.93	10.17	9.86	11
		15	0	10.15	10.21	10.18	11
	16QAM	1	0	10.21	10.15	10.36	11
		1	7	9.22	8.39	9.96	11
		1	14	10.52	10.65	10.5	11
		8	0	10.13	9.88	9.98	11
		8	4	9.94	10.29	9.97	11
		8	7	10.13	9.97	10.22	11
		15	0	10.08	10.23	10.12	11
	64QAM	1	0	10.09	10.21	10.11	11
		1	7	9.71	10.22	9.96	11
		1	14	10.19	10.22	10.25	11
		8	0	10.03	10.05	10.05	11
		8	4	9.81	10.13	9.89	11
		8	7	9.95	9.91	9.94	11
		15	0	10.07	10.11	10.1	11

Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	10.17	10.11	10.13	11
		1	13	10.05	10.11	10.15	11
		1	24	10.05	10.13	10.25	11
		12	0	10.21	10.17	10.16	11
		12	6	10.24	10.19	10.17	11
		12	13	10.22	10.15	10.15	11
		25	0	10.2	10.13	10.24	11
	16QAM	1	0	10.58	10.59	9.62	11
		1	13	10.62	10.53	10.66	11
		1	24	10.35	10.41	10.62	11
		12	0	10.32	10.22	10.2	11
		12	6	10.21	10.01	10.17	11
		12	13	10.15	10.24	10.3	11
		25	0	10.15	10.02	10.03	11
	64QAM	1	0	10.07	10.25	10.16	11
		1	13	9.67	10.25	10.01	11
		1	24	10.28	10.15	10.21	11
		12	0	9.94	10	10.07	11
		12	6	9.9	10.06	9.94	11
		12	13	9.96	9.99	9.92	11
		25	0	10.16	9.99	10.14	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	10.15	10.12	10.24	11
		1	25	9.4	9.9	9.81	11
		1	49	10.11	10.15	10.21	11
		25	0	10.15	10.22	10.25	11
		25	13	10.02	10.16	10.18	11
		25	25	10.12	10.17	10.11	11
		50	0	10.16	10.18	10.15	11
	16QAM	1	0	10.61	10.47	10.37	11
		1	25	10.35	10.03	10.1	11
		1	49	10.55	10.4	10.25	11
		25	0	10.01	10.1	10.16	11
		25	13	10.03	10.05	10.05	11
		25	25	10.13	10.16	10.12	11
		50	0	10.05	10.14	10.05	11
	64QAM	1	0	10.2	10.23	10.11	11
		1	25	9.69	10.24	10.06	11
		1	49	10.17	10.12	10.34	11
		25	0	9.92	9.98	10.1	11
		25	13	9.87	10.09	9.83	11
		25	25	9.92	9.96	9.91	11
		50	0	10.02	10.1	10.15	11

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	10.24	10.18	10.11	11
		1	38	10.19	10.16	10.1	11
		1	74	10.06	9.99	10.1	11
		36	0	10.17	10.29	10.24	11
		36	18	10.29	10.15	10.2	11
		36	39	10.16	10.17	10.17	11
		75	0	10.22	10.22	10.19	11
	16QAM	1	0	10.74	10.15	10.18	11
		1	38	10.31	10.55	10.37	11
		1	74	10.08	10.58	10.34	11
		36	0	10.2	10.28	10.24	11
		36	18	10.17	10.11	10.1	11
		36	39	10.06	10.11	10.07	11
		75	0	10.12	10.15	10.24	11
	64QAM	1	0	10.08	10.23	10.14	11
		1	38	9.71	10.15	10.01	11
		1	74	10.19	10.2	10.27	11
		36	0	9.95	10	10.03	11
		36	18	9.91	10.12	9.9	11
		36	39	9.95	9.94	9.83	11
		75	0	10.08	10	10.18	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	10.39	10.39	10.34	11
		1	50	10.35	10.1	10.11	11
		1	99	10.08	10.16	10.19	11
		50	0	10.24	10.2	10.25	11
		50	25	10.24	10.13	10.23	11
		50	50	10.18	10.12	10.2	11
		100	0	10.1	10.18	10.17	11
	16QAM	1	0	10.79	10.09	10.37	11
		1	50	10.48	10.3	10.45	11
		1	99	10.56	10.68	9.97	11
		50	0	10.14	10.13	10.11	11
		50	25	9.99	10.13	10.09	11
		50	50	10.09	10.09	10.14	11
		100	0	10	10.1	10.08	11
	64QAM	1	0	10.18	10.28	10.12	11
		1	50	9.77	10.27	9.96	11
		1	99	10.17	10.21	10.36	11
		50	0	9.91	10.12	10.11	11
		50	25	9.77	10.1	9.91	11
		50	50	10.02	9.9	9.92	11
		100	0	10.12	10.04	10.18	11

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LTE Band 2 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.53	15.76	15.67	16.5
		1	2	14.7	15.78	15.7	16.5
		1	5	15.7	15.79	15.69	16.5
		3	0	15.29	15.7	15.48	16.5
		3	2	15.74	15.25	15.41	16.5
		3	3	15.76	15.53	15.71	16.5
		6	0	15.67	15.81	15.65	16.5
	16QAM	1	0	16.44	15.99	16.37	16.5
		1	2	15.5	15.66	15.75	16.5
		1	5	15.94	15.98	16.07	16.5
		3	0	15.64	15.72	15.44	16.5
		3	2	15.98	15.47	15.42	16.5
		3	3	15.68	15.24	15.44	16.5
		6	0	15.53	15.52	15.49	16.5
	64QAM	1	0	15.68	15.74	15.6	16.5
		1	2	15.19	15.72	15.37	16.5
		1	5	15.67	15.63	15.83	16.5
		3	0	15.32	15.58	15.52	16.5
		3	2	15.22	15.51	15.37	16.5
		3	3	15.43	15.39	15.33	16.5
		6	0	15.61	15.44	15.61	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.87	15.74	15.63	16.5
		1	7	14.91	15.35	15.18	16.5
		1	14	15.72	15.71	15.67	16.5
		8	0	15.45	15.76	15.46	16.5
		8	4	15.49	15.72	15.62	16.5
		8	7	15.42	15.73	15.38	16.5
		15	0	15.91	15.77	15.69	16.5
	16QAM	1	0	16.2	16.19	15.88	16.5
		1	7	15.77	14.8	15.22	16.5
		1	14	16.23	15.6	16	16.5
		8	0	15.7	15.76	15.52	16.5
		8	4	15.6	15.52	15.66	16.5
		8	7	15.51	15.55	15.64	16.5
		15	0	15.75	15.71	15.64	16.5
	64QAM	1	0	15.68	15.77	15.54	16.5
		1	7	15.25	15.72	15.44	16.5
		1	14	15.66	15.62	15.77	16.5
		8	0	15.33	15.6	15.55	16.5
		8	4	15.23	15.58	15.37	16.5
		8	7	15.46	15.3	15.36	16.5
		15	0	15.54	15.5	15.58	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	15.82	15.76	15.75	16.5
		1	13	15.84	15.72	15.69	16.5
		1	24	15.62	15.71	15.87	16.5
		12	0	15.77	15.76	15.73	16.5
		12	6	15.57	15.62	15.72	16.5
		12	13	15.74	15.73	15.81	16.5
		25	0	15.73	15.72	15.68	16.5
	16QAM	1	0	16.23	15.67	16.2	16.5
		1	13	16.32	16.12	16.17	16.5
		1	24	16.28	15.85	15.85	16.5
		12	0	15.74	15.88	15.72	16.5
		12	6	15.86	15.54	15.57	16.5
		12	13	15.69	15.7	15.77	16.5
		25	0	15.74	15.63	15.59	16.5
	64QAM	1	0	15.62	15.77	15.53	16.5
		1	13	15.27	15.71	15.39	16.5
		1	24	15.64	15.63	15.76	16.5
		12	0	15.4	15.61	15.58	16.5
		12	6	15.2	15.55	15.35	16.5
		12	13	15.51	15.39	15.35	16.5
		25	0	15.6	15.48	15.67	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.79	15.75	15.78	16.5
		1	25	15.32	15.02	15.13	16.5
		1	49	15.7	15.67	15.78	16.5
		25	0	15.77	15.79	15.78	16.5
		25	13	15.62	15.61	15.72	16.5
		25	25	15.72	15.65	15.66	16.5
		50	0	15.67	15.65	15.7	16.5
	16QAM	1	0	16.67	16.09	15.86	16.5
		1	25	16.02	16.24	15.8	16.5
		1	49	15.41	15.87	15.75	16.5
		25	0	15.67	15.66	15.69	16.5
		25	13	15.61	15.65	15.64	16.5
		25	25	15.57	15.59	15.55	16.5
		50	0	15.7	15.7	15.6	16.5
	64QAM	1	0	15.65	15.74	15.57	16.5
		1	25	15.26	15.74	15.43	16.5
		1	49	15.63	15.62	15.79	16.5
		25	0	15.36	15.53	15.6	16.5
		25	13	15.22	15.52	15.34	16.5
		25	25	15.43	15.37	15.33	16.5
		50	0	15.56	15.52	15.67	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.6	15.73	15.61	16.5
		1	38	15.81	15.65	15.66	16.5
		1	74	15.62	15.53	15.62	16.5
		36	0	15.71	15.76	15.72	16.5
		36	18	15.73	15.63	15.76	16.5
		36	39	15.73	15.72	15.63	16.5
		75	0	15.58	15.63	15.82	16.5
	16QAM	1	0	15.56	15.5	15.55	16.5
		1	38	15.88	15.66	15.96	16.5
		1	74	15.85	15.43	15.82	16.5
		36	0	15.81	15.81	15.7	16.5
		36	18	15.57	15.69	15.56	16.5
		36	39	15.62	15.62	15.57	16.5
		75	0	15.6	15.6	15.71	16.5
	64QAM	1	0	15.63	15.71	15.55	16.5
		1	38	15.23	15.7	15.44	16.5
		1	74	15.65	15.66	15.82	16.5
		36	0	15.37	15.52	15.59	16.5
		36	18	15.25	15.54	15.41	16.5
		36	39	15.44	15.38	15.35	16.5
		75	0	15.58	15.5	15.58	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.8	15.93	15.77	16.5
		1	50	15.73	15.61	15.63	16.5
		1	99	15.67	15.63	15.72	16.5
		50	0	15.66	15.73	15.69	16.5
		50	25	15.69	15.63	15.63	16.5
		50	50	15.6	15.74	15.62	16.5
		100	0	15.7	15.77	15.74	16.5
	16QAM	1	0	16.28	16.2	16.26	16.5
		1	50	16.05	16.08	16.11	16.5
		1	99	15.82	16.01	16.09	16.5
		50	0	15.71	15.62	15.63	16.5
		50	25	15.63	15.55	15.56	16.5
		50	50	15.63	15.64	15.6	16.5
		100	0	15.59	15.66	15.63	16.5
	64QAM	1	0	15.68	15.7	15.56	16.5
		1	50	15.24	15.76	15.44	16.5
		1	99	15.57	15.61	15.78	16.5
		50	0	15.38	15.55	15.52	16.5
		50	25	15.27	15.54	15.34	16.5
		50	50	15.5	15.37	15.32	16.5
		100	0	15.59	15.52	15.62	16.5

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LTE Band 2 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.23	12.21	12.18	13
		1	2	12.46	12.14	11.05	13
		1	5	12.12	12.26	12.34	13
		3	0	12.19	12.13	11.74	13
		3	2	12.22	12.22	12.08	13
		3	3	12.32	12.2	11.8	13
		6	0	11.94	12.05	12.16	13
	16QAM	1	0	12.39	12.27	12.31	13
		1	2	12.73	12.44	12.62	13
		1	5	12.58	12	12.69	13
		3	0	12.18	12.23	12.38	13
		3	2	12.15	12.05	11.76	13
		3	3	12.26	12.12	12.16	13
		6	0	12.25	12.11	12.37	13
	64QAM	1	0	12.09	12.21	12.05	13
		1	2	11.68	12.11	11.91	13
		1	5	12.22	12.1	12.16	13
		3	0	11.88	12.03	11.95	13
		3	2	11.79	11.95	11.86	13
		3	3	11.86	11.84	11.79	13
		6	0	11.94	11.93	12.09	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.19	12.14	12.14	13
		1	7	12.49	12.46	11.77	13
		1	14	12.15	12.22	12.25	13
		8	0	12.2	12.18	12.09	13
		8	4	12.25	12.18	12.37	13
		8	7	12.21	11.99	12.22	13
		15	0	12.19	12.28	12.44	13
	16QAM	1	0	12.66	12.9	11.97	13
		1	7	12.24	12.06	11.81	13
		1	14	12.55	12.78	12.08	13
		8	0	12.11	12.09	12.23	13
		8	4	11.85	12.25	12.03	13
		8	7	11.84	12.1	12.21	13
		15	0	11.94	12.2	12.24	13
	64QAM	1	0	12.13	12.2	12.08	13
		1	7	11.68	12.12	11.92	13
		1	14	12.16	12.09	12.15	13
		8	0	11.87	11.99	11.99	13
		8	4	11.8	11.96	11.86	13
		8	7	11.88	11.82	11.77	13
		15	0	11.95	11.98	12.09	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.28	12.2	12.2	13
		1	13	12.16	12.15	12.12	13
		1	24	12.07	12.28	12.14	13
		12	0	12.34	12.23	12.23	13
		12	6	12.09	12.22	12.1	13
		12	13	12.13	12.16	12.2	13
		25	0	12.03	12.18	11.95	13
	16QAM	1	0	12.69	12.69	12.44	13
		1	13	12.6	12.61	12.79	13
		1	24	12.6	12	12.75	13
		12	0	12.01	12.18	12.11	13
		12	6	12	12	12.08	13
		12	13	12.05	12.22	12.16	13
		25	0	12.2	11.9	12.2	13
	64QAM	1	0	12.07	12.16	12.06	13
		1	13	11.63	12.12	11.96	13
		1	24	12.2	12.14	12.19	13
		12	0	11.88	11.98	12	13
		12	6	11.79	11.95	11.83	13
		12	13	11.86	11.84	11.82	13
		25	0	11.98	11.99	12.13	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.2	12.02	12.14	13
		1	25	12.03	12.21	12.12	13
		1	49	12.07	12.16	12.13	13
		25	0	12.17	12.17	12.19	13
		25	13	12.09	12.19	12.25	13
		25	25	12.18	12.2	12.21	13
		50	0	12.2	12.23	12.22	13
	16QAM	1	0	12.42	12.63	12.43	13
		1	25	12.42	12.62	12.35	13
		1	49	12.59	12.03	12.39	13
		25	0	12.18	12.15	12.11	13
		25	13	12.21	12.11	12.15	13
		25	25	12.08	12.13	11.92	13
		50	0	12.13	12.22	11.97	13
	64QAM	1	0	12.08	12.21	12.09	13
		1	25	11.66	12.13	11.95	13
		1	49	12.17	12.07	12.2	13
		25	0	11.9	11.99	11.95	13
		25	13	11.77	12	11.81	13
		25	25	11.84	11.82	11.78	13
		50	0	11.97	11.99	12.15	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.21	12.07	12.13	13
		1	38	12.17	12.03	12.21	13
		1	74	12.11	12.07	12.05	13
		36	0	12.13	12.25	12.19	13
		36	18	12.21	12.2	12.18	13
		36	39	12.15	12.19	12.22	13
		75	0	12.23	12.28	12.16	13
	16QAM	1	0	12.39	12.51	12.43	13
		1	38	12.54	12.91	12.41	13
		1	74	12	12.67	12.61	13
		36	0	12.22	12.28	12.19	13
		36	18	12.07	12.17	12.19	13
		36	39	12.1	12.1	12.02	13
		75	0	12.25	12.22	12.07	13
	64QAM	1	0	12.08	12.17	12.04	13
		1	38	11.63	12.09	11.94	13
		1	74	12.21	12.06	12.18	13
		36	0	11.91	11.97	12	13
		36	18	11.83	11.98	11.8	13
		36	39	11.89	11.88	11.77	13
		75	0	12.02	11.98	12.14	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.34	12.3	12.25	13
		1	50	12.37	11.67	11.97	13
		1	99	12.18	12.23	12.25	13
		50	0	12.18	12.26	12.15	13
		50	25	12.14	12.15	12.16	13
		50	50	12.14	12.12	12.24	13
		100	0	12.19	12.2	12.13	13
	16QAM	1	0	12.33	12.39	12.67	13
		1	50	12.64	12.8	12.46	13
		1	99	12.63	12.51	12.75	13
		50	0	12.11	12.24	12.17	13
		50	25	12.11	12.22	12.07	13
		50	50	12.07	12.03	12.21	13
		100	0	12.13	12.2	12.05	13
	64QAM	1	0	12.07	12.18	12.03	13
		1	50	11.63	12.14	11.96	13
		1	99	12.17	12.09	12.21	13
		50	0	11.91	11.97	12	13
		50	25	11.77	12.02	11.8	13
		50	50	11.89	11.84	11.81	13
		100	0	12.01	11.98	12.08	13

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LTE Band 2 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	10.28	10.24	10.15	11
		1	2	9.86	9.34	9.73	11
		1	5	10.23	10.23	10.12	11
		3	0	10.19	10.14	9.98	11
		3	2	10.19	10.47	9.9	11
		3	3	10.12	9.5	10.15	11
		6	0	10.14	10.14	10.24	11
	16QAM	1	0	10.3	10.47	10.6	11
		1	2	9.49	10.57	10.31	11
		1	5	10.41	10.52	9.91	11
		3	0	10.1	10.1	10.02	11
		3	2	10.29	10.32	9.98	11
		3	3	10.04	9.97	9.97	11
		6	0	9.86	9.73	10.34	11
	64QAM	1	0	10.09	10.22	10.08	11
		1	2	9.65	10.27	10.04	11
		1	5	10.17	10.17	10.27	11
		3	0	9.99	10.05	10.08	11
		3	2	9.79	10.11	9.91	11
		3	3	10.04	9.86	9.92	11
		6	0	10.06	10	10.17	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	10.12	10.1	10.08	11
		1	7	9.5	9.59	9.29	11
		1	14	10.14	10.18	10.11	11
		8	0	10.01	10.02	10.41	11
		8	4	10.17	10.15	10.08	11
		8	7	9.93	10.17	9.86	11
		15	0	10.15	10.21	10.18	11
	16QAM	1	0	10.21	10.15	10.36	11
		1	7	9.22	8.39	9.96	11
		1	14	10.52	10.65	10.5	11
		8	0	10.13	9.88	9.98	11
		8	4	9.94	10.29	9.97	11
		8	7	10.13	9.97	10.22	11
		15	0	10.08	10.23	10.12	11
	64QAM	1	0	10.09	10.21	10.11	11
		1	7	9.71	10.22	9.96	11
		1	14	10.19	10.22	10.25	11
		8	0	10.03	10.05	10.05	11
		8	4	9.81	10.13	9.89	11
		8	7	9.95	9.91	9.94	11
		15	0	10.07	10.11	10.1	11

Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	10.17	10.11	10.13	11
		1	13	10.05	10.11	10.15	11
		1	24	10.05	10.13	10.25	11
		12	0	10.21	10.17	10.16	11
		12	6	10.24	10.19	10.17	11
		12	13	10.22	10.15	10.15	11
		25	0	10.2	10.13	10.24	11
	16QAM	1	0	10.58	10.59	9.62	11
		1	13	10.62	10.53	10.66	11
		1	24	10.35	10.41	10.62	11
		12	0	10.32	10.22	10.2	11
		12	6	10.21	10.01	10.17	11
		12	13	10.15	10.24	10.3	11
		25	0	10.15	10.02	10.03	11
	64QAM	1	0	10.07	10.25	10.16	11
		1	13	9.67	10.25	10.01	11
		1	24	10.28	10.15	10.21	11
		12	0	9.94	10	10.07	11
		12	6	9.9	10.06	9.94	11
		12	13	9.96	9.99	9.92	11
		25	0	10.16	9.99	10.14	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	10.15	10.12	10.24	11
		1	25	9.4	9.9	9.81	11
		1	49	10.11	10.15	10.21	11
		25	0	10.15	10.22	10.25	11
		25	13	10.02	10.16	10.18	11
		25	25	10.12	10.17	10.11	11
		50	0	10.16	10.18	10.15	11
	16QAM	1	0	10.61	10.47	10.37	11
		1	25	10.35	10.03	10.1	11
		1	49	10.55	10.4	10.25	11
		25	0	10.01	10.1	10.16	11
		25	13	10.03	10.05	10.05	11
		25	25	10.13	10.16	10.12	11
		50	0	10.05	10.14	10.05	11
	64QAM	1	0	10.2	10.23	10.11	11
		1	25	9.69	10.24	10.06	11
		1	49	10.17	10.12	10.34	11
		25	0	9.92	9.98	10.1	11
		25	13	9.87	10.09	9.83	11
		25	25	9.92	9.96	9.91	11
		50	0	10.02	10.1	10.15	11

Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	10.24	10.18	10.11	11
		1	38	10.19	10.16	10.1	11
		1	74	10.06	9.99	10.1	11
		36	0	10.17	10.29	10.24	11
		36	18	10.29	10.15	10.2	11
		36	39	10.16	10.17	10.17	11
		75	0	10.22	10.22	10.19	11
	16QAM	1	0	10.74	10.15	10.18	11
		1	38	10.31	10.55	10.37	11
		1	74	10.08	10.58	10.34	11
		36	0	10.2	10.28	10.24	11
		36	18	10.17	10.11	10.1	11
		36	39	10.06	10.11	10.07	11
		75	0	10.12	10.15	10.24	11
	64QAM	1	0	10.08	10.23	10.14	11
		1	38	9.71	10.15	10.01	11
		1	74	10.19	10.2	10.27	11
		36	0	9.95	10	10.03	11
		36	18	9.91	10.12	9.9	11
		36	39	9.95	9.94	9.83	11
		75	0	10.08	10	10.18	11

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	10.39	10.39	10.34	11
		1	50	10.35	10.1	10.11	11
		1	99	10.08	10.16	10.19	11
		50	0	10.24	10.2	10.25	11
		50	25	10.24	10.13	10.23	11
		50	50	10.18	10.12	10.2	11
		100	0	10.1	10.18	10.17	11
	16QAM	1	0	10.79	10.09	10.37	11
		1	50	10.48	10.3	10.45	11
		1	99	10.56	10.68	9.97	11
		50	0	10.14	10.13	10.11	11
		50	25	9.99	10.13	10.09	11
		50	50	10.09	10.09	10.14	11
		100	0	10	10.1	10.08	11
	64QAM	1	0	10.18	10.28	10.12	11
		1	50	9.77	10.27	9.96	11
		1	99	10.17	10.21	10.36	11
		50	0	9.91	10.12	10.11	11
		50	25	9.77	10.1	9.91	11
		50	50	10.02	9.9	9.92	11
		100	0	10.12	10.04	10.18	11

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LTE Band 2 Receiver off （body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	15.53	15.76	15.67	16.5
		1	2	14.7	15.78	15.7	16.5
		1	5	15.7	15.79	15.69	16.5
		3	0	15.29	15.7	15.48	16.5
		3	2	15.74	15.25	15.41	16.5
		3	3	15.76	15.53	15.71	16.5
		6	0	15.67	15.81	15.65	16.5
	16QAM	1	0	16.44	15.99	16.37	16.5
		1	2	15.5	15.66	15.75	16.5
		1	5	15.94	15.98	16.07	16.5
		3	0	15.64	15.72	15.44	16.5
		3	2	15.98	15.47	15.42	16.5
		3	3	15.68	15.24	15.44	16.5
		6	0	15.53	15.52	15.49	16.5
	64QAM	1	0	15.68	15.74	15.6	16.5
		1	2	15.19	15.72	15.37	16.5
		1	5	15.67	15.63	15.83	16.5
		3	0	15.32	15.58	15.52	16.5
		3	2	15.22	15.51	15.37	16.5
		3	3	15.43	15.39	15.33	16.5
		6	0	15.61	15.44	15.61	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	15.87	15.74	15.63	16.5
		1	7	14.91	15.35	15.18	16.5
		1	14	15.72	15.71	15.67	16.5
		8	0	15.45	15.76	15.46	16.5
		8	4	15.49	15.72	15.62	16.5
		8	7	15.42	15.73	15.38	16.5
		15	0	15.91	15.77	15.69	16.5
	16QAM	1	0	16.2	16.19	15.88	16.5
		1	7	15.77	14.8	15.22	16.5
		1	14	16.23	15.6	16	16.5
		8	0	15.7	15.76	15.52	16.5
		8	4	15.6	15.52	15.66	16.5
		8	7	15.51	15.55	15.64	16.5
		15	0	15.75	15.71	15.64	16.5
	64QAM	1	0	15.68	15.77	15.54	16.5
		1	7	15.25	15.72	15.44	16.5
		1	14	15.66	15.62	15.77	16.5
		8	0	15.33	15.6	15.55	16.5
		8	4	15.23	15.58	15.37	16.5
		8	7	15.46	15.3	15.36	16.5
		15	0	15.54	15.5	15.58	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	15.82	15.76	15.75	16.5
		1	13	15.84	15.72	15.69	16.5
		1	24	15.62	15.71	15.87	16.5
		12	0	15.77	15.76	15.73	16.5
		12	6	15.57	15.62	15.72	16.5
		12	13	15.74	15.73	15.81	16.5
		25	0	15.73	15.72	15.68	16.5
	16QAM	1	0	16.23	15.67	16.2	16.5
		1	13	16.32	16.12	16.17	16.5
		1	24	16.28	15.85	15.85	16.5
		12	0	15.74	15.88	15.72	16.5
		12	6	15.86	15.54	15.57	16.5
		12	13	15.69	15.7	15.77	16.5
		25	0	15.74	15.63	15.59	16.5
	64QAM	1	0	15.62	15.77	15.53	16.5
		1	13	15.27	15.71	15.39	16.5
		1	24	15.64	15.63	15.76	16.5
		12	0	15.4	15.61	15.58	16.5
		12	6	15.2	15.55	15.35	16.5
		12	13	15.51	15.39	15.35	16.5
		25	0	15.6	15.48	15.67	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	15.79	15.75	15.78	16.5
		1	25	15.32	15.02	15.13	16.5
		1	49	15.7	15.67	15.78	16.5
		25	0	15.77	15.79	15.78	16.5
		25	13	15.62	15.61	15.72	16.5
		25	25	15.72	15.65	15.66	16.5
		50	0	15.67	15.65	15.7	16.5
	16QAM	1	0	16.67	16.09	15.86	16.5
		1	25	16.02	16.24	15.8	16.5
		1	49	15.41	15.87	15.75	16.5
		25	0	15.67	15.66	15.69	16.5
		25	13	15.61	15.65	15.64	16.5
		25	25	15.57	15.59	15.55	16.5
		50	0	15.7	15.7	15.6	16.5
	64QAM	1	0	15.65	15.74	15.57	16.5
		1	25	15.26	15.74	15.43	16.5
		1	49	15.63	15.62	15.79	16.5
		25	0	15.36	15.53	15.6	16.5
		25	13	15.22	15.52	15.34	16.5
		25	25	15.43	15.37	15.33	16.5
		50	0	15.56	15.52	15.67	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	15.6	15.73	15.61	16.5
		1	38	15.81	15.65	15.66	16.5
		1	74	15.62	15.53	15.62	16.5
		36	0	15.71	15.76	15.72	16.5
		36	18	15.73	15.63	15.76	16.5
		36	39	15.73	15.72	15.63	16.5
		75	0	15.58	15.63	15.82	16.5
	16QAM	1	0	15.56	15.5	15.55	16.5
		1	38	15.88	15.66	15.96	16.5
		1	74	15.85	15.43	15.82	16.5
		36	0	15.81	15.81	15.7	16.5
		36	18	15.57	15.69	15.56	16.5
		36	39	15.62	15.62	15.57	16.5
		75	0	15.6	15.6	15.71	16.5
	64QAM	1	0	15.63	15.71	15.55	16.5
		1	38	15.23	15.7	15.44	16.5
		1	74	15.65	15.66	15.82	16.5
		36	0	15.37	15.52	15.59	16.5
		36	18	15.25	15.54	15.41	16.5
		36	39	15.44	15.38	15.35	16.5
		75	0	15.58	15.5	15.58	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	15.8	15.93	15.77	16.5
		1	50	15.73	15.61	15.63	16.5
		1	99	15.67	15.63	15.72	16.5
		50	0	15.66	15.73	15.69	16.5
		50	25	15.69	15.63	15.63	16.5
		50	50	15.6	15.74	15.62	16.5
		100	0	15.7	15.77	15.74	16.5
	16QAM	1	0	16.28	16.2	16.26	16.5
		1	50	16.05	16.08	16.11	16.5
		1	99	15.82	16.01	16.09	16.5
		50	0	15.71	15.62	15.63	16.5
		50	25	15.63	15.55	15.56	16.5
		50	50	15.63	15.64	15.6	16.5
		100	0	15.59	15.66	15.63	16.5
	64QAM	1	0	15.68	15.7	15.56	16.5
		1	50	15.24	15.76	15.44	16.5
		1	99	15.57	15.61	15.78	16.5
		50	0	15.38	15.55	15.52	16.5
		50	25	15.27	15.54	15.34	16.5
		50	50	15.5	15.37	15.32	16.5
		100	0	15.59	15.52	15.62	16.5

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LTE Band 2 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	14.21	14.2	14.21	15
		1	2	14.13	13.25	13.75	15
		1	5	14.18	14.04	14.13	15
		3	0	14.24	13.87	14.09	15
		3	2	14.26	14.18	14.12	15
		3	3	14.03	14.03	14.18	15
		6	0	14.12	14.53	14.37	15
	16QAM	1	0	14.79	14.24	14.42	15
		1	2	14.73	13.37	14.15	15
		1	5	14.54	14.46	14.7	15
		3	0	14.09	14.58	13.71	15
		3	2	14.22	13.23	13.82	15
		3	3	14.5	14.28	14.05	15
		6	0	14	14.13	14.26	15
	64QAM	1	0	14.05	14.05	13.97	15
		1	2	13.67	14.01	13.93	15
		1	5	14.06	14.14	14.05	15
		3	0	13.93	13.87	14.02	15
		3	2	13.78	13.91	13.7	15
		3	3	13.9	13.78	13.72	15
		6	0	13.95	13.92	14.05	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	14.14	14.18	14.08	15
		1	7	14.39	14.02	13.9	15
		1	14	14.07	14.24	14.03	15
		8	0	14.16	14.15	14.07	15
		8	4	14.29	13.75	14.06	15
		8	7	14.04	13.97	14.15	15
		15	0	14.15	14.1	14.3	15
	16QAM	1	0	14.79	14	14.56	15
		1	7	13.59	13.2	13.64	15
		1	14	14.31	13.72	14.58	15
		8	0	14.23	14.06	14.12	15
		8	4	14.15	13.89	14.18	15
		8	7	14.08	14.18	14.2	15
		15	0	14.1	14.26	14.23	15
	64QAM	1	0	14.04	14.05	14.04	15
		1	7	13.67	13.96	13.86	15
		1	14	14.12	14.15	14.07	15
		8	0	13.92	13.88	14	15
		8	4	13.76	13.89	13.77	15
		8	7	13.83	13.78	13.74	15
		15	0	13.95	13.93	14.01	15
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	14.28	14.06	14	15
		1	13	14.13	14.11	14.38	15
		1	24	14.15	14.11	14.21	15
		12	0	14.25	14.2	14.2	15
		12	6	14.09	14.21	13.86	15
		12	13	14.25	14.3	14.16	15
		25	0	14.17	14.3	14.16	15
	16QAM	1	0	14.49	14.84	14.65	15
		1	13	14.49	14.86	14.61	15
		1	24	14.39	14.4	14.56	15
		12	0	14.21	14.17	14.23	15
		12	6	14.09	14.07	14.21	15
		12	13	14.23	14.2	14.22	15
		25	0	14.06	14.2	14.26	15
	64QAM	1	0	14.07	14.08	14	15
		1	13	13.62	13.94	13.86	15
		1	24	14.09	14.09	14.04	15
		12	0	13.95	13.87	14.07	15
		12	6	13.77	13.85	13.79	15
		12	13	13.87	13.78	13.76	15
		25	0	13.97	13.9	14.01	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	14.27	14.21	14.03	15
		1	25	14.41	14.47	13.75	15
		1	49	14.02	14.08	14.15	15
		25	0	14.22	14.26	14.14	15
		25	13	14.19	14.08	14.14	15
		25	25	14.17	14.21	14.2	15
		50	0	14.1	14.17	14.14	15
	16QAM	1	0	14.14	15.08	14.48	15
		1	25	13.91	14.57	14.48	15
		1	49	14.5	14.49	14.55	15
		25	0	14.11	14.07	14.09	15
		25	13	14.03	14.12	14.11	15
		25	25	14.15	14.08	14.05	15
		50	0	14.1	14.03	14.11	15
	64QAM	1	0	14.07	14.06	14.01	15
		1	25	13.69	13.95	13.9	15
		1	49	14.1	14.1	14.08	15
		25	0	13.9	13.87	14.09	15
		25	13	13.84	13.84	13.71	15
		25	25	13.89	13.75	13.79	15
		50	0	14.04	13.88	14.04	15
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	14.18	14.29	14.13	15
		1	38	14.09	14.02	14.33	15
		1	74	14.06	13.95	14.12	15
		36	0	14.24	14.25	14.21	15
		36	18	14.2	14.22	14.27	15
		36	39	14.22	14.21	14.21	15
		75	0	14.23	14.18	14.09	15
	16QAM	1	0	14.67	14.84	14.57	15
		1	38	14.83	14.64	14.52	15
		1	74	14.64	14.31	14.4	15
		36	0	14.09	14.14	14.13	15
		36	18	14.14	14.16	14.23	15
		36	39	14.18	14.09	14.17	15
		75	0	14.1	14.01	13.99	15
	64QAM	1	0	14.07	14.03	14.03	15
		1	38	13.63	13.97	13.87	15
		1	74	14.13	14.11	14.08	15
		36	0	13.91	13.92	14.04	15
		36	18	13.82	13.86	13.72	15
		36	39	13.88	13.83	13.77	15
		75	0	13.99	13.88	14.01	15

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	14.4	14.29	14.22	15
		1	50	14.28	13.87	13.51	15
		1	99	14.24	14.25	14.45	15
		50	0	14.24	14.24	14.23	15
		50	25	14.17	14.27	14.13	15
		50	50	14.21	14.1	14.21	15
		100	0	14.24	14.08	14.26	15
	16QAM	1	0	14.62	14.67	14.33	15
		1	50	14.19	14.73	13.86	15
		1	99	14.53	14.39	14.66	15
		50	0	14.19	14.2	14.16	15
		50	25	14.1	14.13	14.16	15
		50	50	14.05	14.09	14.12	15
		100	0	14.23	14.14	14.25	15
	64QAM	1	0	14.1	14.12	14.02	15
		1	50	13.67	14.01	13.9	15
		1	99	14.05	14.09	14.11	15
		50	0	13.93	13.88	14.04	15
		50	25	13.79	13.85	13.75	15
		50	50	13.85	13.76	13.78	15
		100	0	14.04	13.87	14.07	15

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LTE Band 2 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	12.24	12.27	12.13	13
		1	2	11.34	12.27	12.2	13
		1	5	12.25	12.05	12.19	13
		3	0	12.26	12.17	11.94	13
		3	2	12.06	12.14	12.45	13
		3	3	11.83	12.25	12.28	13
		6	0	12.05	11.97	12.3	13
	16QAM	1	0	12.84	12.69	12.46	13
		1	2	11.97	11.92	11.61	13
		1	5	12.62	12.55	12.41	13
		3	0	11.84	12.33	11.8	13
		3	2	12.15	12.14	11.83	13
		3	3	11.97	12.15	11.73	13
		6	0	12.32	12.34	12.2	13
	64QAM	1	0	12.06	12.22	12.09	13
		1	2	11.67	12.06	12.07	13
		1	5	12.24	12.17	12.15	13
		3	0	12.03	11.97	12.04	13
		3	2	11.95	12.02	11.71	13
		3	3	12.02	11.84	11.87	13
		6	0	11.96	11.98	12.23	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	12.09	12.22	12.14	13
		1	7	12.25	11.21	11.63	13
		1	14	12.21	12.05	12.14	13
		8	0	12.23	12.08	12.21	13
		8	4	12.05	11.98	12	13
		8	7	12.02	12.09	12.22	13
		15	0	11.99	12.27	12.22	13
	16QAM	1	0	12.81	12.5	12.17	13
		1	7	11.71	12.11	12.16	13
		1	14	12.4	12.51	12.4	13
		8	0	12.1	12.08	12.07	13
		8	4	12.06	11.88	12.05	13
		8	7	12.13	12.05	12.08	13
		15	0	12.12	12.13	11.88	13
	64QAM	1	0	12.08	12.1	12.05	13
		1	7	11.78	12.06	12.03	13
		1	14	12.19	12.15	12.19	13
		8	0	12.11	11.98	12.19	13
		8	4	11.9	11.98	11.86	13
		8	7	11.91	11.83	11.84	13
		15	0	12.11	11.96	12.13	13
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	12.19	12.23	12	13
		1	13	12.06	12.12	12.19	13
		1	24	12.15	12.05	12.27	13
		12	0	12.33	12.21	12.2	13
		12	6	12.12	12.08	12.2	13
		12	13	12.21	12.16	12.18	13
		25	0	12.1	12.16	11.99	13
	16QAM	1	0	12.81	12.42	12.68	13
		1	13	12.58	12.71	12.36	13
		1	24	12.66	11.96	12.15	13
		12	0	12.15	12.18	12.19	13
		12	6	12.26	12.26	12.29	13
		12	13	12.22	12.17	12.26	13
		25	0	12.25	12.12	12.2	13
	64QAM	1	0	12.18	12.09	12.06	13
		1	13	11.79	12.02	12.06	13
		1	24	12.19	12.26	12.18	13
		12	0	12.03	11.9	12.06	13
		12	6	11.84	11.97	11.72	13
		12	13	11.92	11.82	11.72	13
		25	0	12.03	12.09	12.19	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	12.17	12.21	12.2	13
		1	25	11.59	12.07	11.28	13
		1	49	12.16	12.21	12.19	13
		25	0	12.23	12.24	12.21	13
		25	13	12.2	12.15	12.16	13
		25	25	12.19	12.09	12.16	13
		50	0	12.24	12.2	12.14	13
	16QAM	1	0	12.79	12.57	12.55	13
		1	25	11.99	12.01	12.39	13
		1	49	12.89	12.5	12.51	13
		25	0	12.14	12.09	12.15	13
		25	13	12.09	12.21	12.18	13
		25	25	12.08	12.09	12.08	13
		50	0	12.04	12.18	12.11	13
	64QAM	1	0	12.19	12.1	11.98	13
		1	25	11.84	12.16	12.09	13
		1	49	12.14	12.26	12.15	13
		25	0	12.1	11.98	12.2	13
		25	13	11.79	11.91	11.86	13
		25	25	11.97	11.83	11.8	13
		50	0	12.02	12.06	12.1	13
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	12.12	12.29	12.21	13
		1	38	12.09	12.17	12.14	13
		1	74	12.08	12.09	11.94	13
		36	0	12.22	12.26	12.15	13
		36	18	12.18	12.19	12.21	13
		36	39	12.13	12.19	12.21	13
		75	0	12.28	12.27	12.21	13
	16QAM	1	0	12.45	12.43	12.61	13
		1	38	12.7	12.77	12.49	13
		1	74	12.6	12.55	12.48	13
		36	0	12.18	12.22	12.18	13
		36	18	12.12	12.16	12.07	13
		36	39	12.09	12.17	11.98	13
		75	0	12.01	12.2	12.13	13
	64QAM	1	0	12.1	12.09	12.12	13
		1	38	11.79	12.08	12.01	13
		1	74	12.08	12.21	12.05	13
		36	0	12.09	11.88	12.04	13
		36	18	11.88	12.04	11.84	13
		36	39	12.02	11.79	11.82	13
		75	0	11.98	12.07	12.21	13

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	12.28	12.34	12.37	13
		1	50	12.58	11.97	11.76	13
		1	99	12.19	12.07	12.27	13
		50	0	12.16	12.13	12.13	13
		50	25	12.11	12.14	12.11	13
		50	50	12.13	12.24	12.24	13
		100	0	12.18	12.2	12.23	13
	16QAM	1	0	12.77	12.84	12.71	13
		1	50	12.34	12.19	12.07	13
		1	99	12.64	12.26	12.51	13
		50	0	12.09	12.21	12.2	13
		50	25	12.16	12.15	12.1	13
		50	50	12.11	12.03	11.99	13
		100	0	12.12	12.16	12.02	13
	64QAM	1	0	12.13	12.22	12.1	13
		1	50	11.69	12.15	11.99	13
		1	99	12.22	12.14	12.21	13
		50	0	11.94	12.04	12.02	13
		50	25	11.84	12.02	11.87	13
		50	50	11.91	11.88	11.82	13
		100	0	12.02	12	12.15	13

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LTE Band 2 Receiver off (body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.64	17.72	17.78	18.5
		1	2	17.64	17.79	18.02	18.5
		1	5	17.67	17.64	17.78	18.5
		3	0	17.68	17.75	17.61	18.5
		3	2	17.51	17.46	17.44	18.5
		3	3	17.67	17.77	17.65	18.5
		6	0	17.58	17.62	17.65	18.5
	16QAM	1	0	18.22	18	17.93	18.5
		1	2	18.06	18.03	18.04	18.5
		1	5	18.1	18.25	18.04	18.5
		3	0	17.95	17.69	17.8	18.5
		3	2	17.74	17.45	17.43	18.5
		3	3	17.95	17.83	17.48	18.5
		6	0	17.54	17.51	17.41	18.5
	64QAM	1	0	17.55	17.64	17.52	18.5
		1	2	17.17	17.65	17.45	18.5
		1	5	17.68	17.59	17.68	18.5
		3	0	17.41	17.48	17.45	18.5
		3	2	17.26	17.47	17.29	18.5
		3	3	17.4	17.29	17.25	18.5
		6	0	17.47	17.46	17.63	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	17.76	17.69	17.74	18.5
		1	7	17.62	16.95	15.86	18.5
		1	14	17.7	17.77	17.6	18.5
		8	0	17.61	17.7	17.52	18.5
		8	4	17.67	17.61	17.65	18.5
		8	7	17.75	17.68	17.7	18.5
		15	0	17.75	17.62	17.64	18.5
	16QAM	1	0	17.74	17.52	17.93	18.5
		1	7	17.79	17.76	17.2	18.5
		1	14	17.89	18.11	18.37	18.5
		8	0	17.55	17.59	17.61	18.5
		8	4	17.45	17.62	17.64	18.5
		8	7	17.45	17.78	17.48	18.5
		15	0	17.67	17.61	17.68	18.5
	64QAM	1	0	17.6	17.63	17.58	18.5
		1	7	17.17	17.62	17.48	18.5
		1	14	17.65	17.63	17.7	18.5
		8	0	17.36	17.47	17.43	18.5
		8	4	17.31	17.51	17.34	18.5
		8	7	17.32	17.29	17.24	18.5
		15	0	17.44	17.4	17.63	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.77	17.66	17.75	18.5
		1	13	17.71	17.77	17.64	18.5
		1	24	17.7	17.74	17.67	18.5
		12	0	17.78	17.73	17.79	18.5
		12	6	17.78	17.58	17.43	18.5
		12	13	17.75	17.71	17.76	18.5
		25	0	17.85	17.65	17.75	18.5
	16QAM	1	0	17.59	18	18.06	18.5
		1	13	18.01	18.01	17.95	18.5
		1	24	17.57	17.78	18.03	18.5
		12	0	17.73	17.73	17.78	18.5
		12	6	17.37	17.7	17.8	18.5
		12	13	17.69	17.67	17.74	18.5
		25	0	17.79	17.62	17.56	18.5
	64QAM	1	0	17.62	17.68	17.59	18.5
		1	13	17.11	17.56	17.4	18.5
		1	24	17.69	17.56	17.64	18.5
		12	0	17.43	17.51	17.43	18.5
		12	6	17.34	17.46	17.3	18.5
		12	13	17.36	17.37	17.3	18.5
		25	0	17.49	17.49	17.57	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.78	17.75	17.68	18.5
		1	25	17.13	17.09	17.47	18.5
		1	49	17.49	17.7	17.74	18.5
		25	0	17.68	17.69	17.77	18.5
		25	13	17.66	17.72	17.7	18.5
		25	25	17.76	17.64	17.63	18.5
		50	0	17.7	17.65	17.68	18.5
	16QAM	1	0	17.84	18.19	17.96	18.5
		1	25	17.72	18.46	17.93	18.5
		1	49	17.97	18.23	18.02	18.5
		25	0	17.64	17.72	17.68	18.5
		25	13	17.47	17.66	17.62	18.5
		25	25	17.68	17.57	17.58	18.5
		50	0	17.59	17.54	17.68	18.5
	64QAM	1	0	17.55	17.67	17.55	18.5
		1	25	17.12	17.55	17.42	18.5
		1	49	17.71	17.55	17.66	18.5
		25	0	17.43	17.51	17.45	18.5
		25	13	17.25	17.42	17.33	18.5
		25	25	17.34	17.31	17.28	18.5
		50	0	17.44	17.45	17.56	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.62	17.74	17.73	18.5
		1	38	17.76	17.69	17.73	18.5
		1	74	17.52	17.58	17.67	18.5
		36	0	17.68	17.73	17.77	18.5
		36	18	17.77	17.7	17.77	18.5
		36	39	17.71	17.69	17.7	18.5
		75	0	17.69	17.69	17.69	18.5
	16QAM	1	0	17.8	17.6	17.82	18.5
		1	38	18.25	17.98	18.23	18.5
		1	74	17.82	17.85	17.99	18.5
		36	0	17.71	17.69	17.67	18.5
		36	18	17.6	17.73	17.66	18.5
		36	39	17.57	17.59	17.63	18.5
		75	0	17.66	17.75	17.64	18.5
	64QAM	1	0	17.59	17.65	17.56	18.5
		1	38	17.1	17.55	17.46	18.5
		1	74	17.68	17.63	17.69	18.5
		36	0	17.43	17.46	17.51	18.5
		36	18	17.27	17.46	17.29	18.5
		36	39	17.4	17.3	17.32	18.5
		75	0	17.48	17.5	17.58	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.85	17.91	17.78	18.5
		1	50	17.27	17.13	17.16	18.5
		1	99	17.79	17.74	17.73	18.5
		50	0	17.78	17.71	17.76	18.5
		50	25	17.63	17.73	17.6	18.5
		50	50	17.72	17.72	17.76	18.5
		100	0	17.73	17.76	17.79	18.5
	16QAM	1	0	17.9	18.13	18.19	18.5
		1	50	17.84	17.62	16.83	18.5
		1	99	18.06	18.03	18.01	18.5
		50	0	17.72	17.79	17.76	18.5
		50	25	17.59	17.64	17.71	18.5
		50	50	17.67	17.73	17.71	18.5
		100	0	17.7	17.7	17.64	18.5
	64QAM	1	0	17.59	17.71	17.53	18.5
		1	50	17.17	17.63	17.44	18.5
		1	99	17.63	17.61	17.68	18.5
		50	0	17.4	17.53	17.43	18.5
		50	25	17.25	17.44	17.3	18.5
		50	50	17.33	17.37	17.23	18.5
		100	0	17.46	17.47	17.62	18.5

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LTE Band 4 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	20.35	20.24	20.16	20.5
		1	2	19.99	19.9	19.86	20.5
		1	5	20.35	20.27	20.15	20.5
		3	0	20.34	20.19	20.14	20.5
		3	2	20.23	20.05	19.99	20.5
		3	3	20.33	20.2	19.98	20.5
		6	0	20.31	20.29	20.14	20.5
	16QAM	1	0	20.43	20.44	20.45	20.5
		1	2	20.23	20.29	20.25	20.5
		1	5	20.37	20.38	20.31	20.5
		3	0	20.3	20.3	20.24	20.5
		3	2	20.21	20.22	19.92	20.5
		3	3	20.38	20.29	20.17	20.5
		6	0	20.3	20.29	20.09	20.5
	64QAM	1	0	20.33	20.3	20.14	20.5
		1	2	20.01	19.92	20.02	20.5
		1	5	20.32	20.34	20.29	20.5
		3	0	20.39	20.22	20.17	20.5
		3	2	20.03	19.87	19.95	20.5
		3	3	20.31	20.39	20.34	20.5
		6	0	20.14	20.2	20.09	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	20.38	20.3	20.22	20.5
		1	7	19.85	20.03	19.9	20.5
		1	14	20.34	20.28	20.2	20.5
		8	0	20.31	20.28	20.17	20.5
		8	4	20.19	20.29	20.21	20.5
		8	7	20.32	20.28	20.15	20.5
		15	0	20.37	20.29	20.25	20.5
	16QAM	1	0	20.39	20.37	20.35	20.5
		1	7	19.87	20.11	19.93	20.5
		1	14	20.31	20.28	20.49	20.5
		8	0	20.37	20.28	20.2	20.5
		8	4	20.3	20.25	20.05	20.5
		8	7	20.3	20.27	20.04	20.5
		15	0	20.31	20.24	20.17	20.5
	64QAM	1	0	20.43	20.3	20.18	20.5
		1	7	19.97	19.91	20.04	20.5
		1	14	20.29	20.38	20.27	20.5
		8	0	20.39	20.26	20.07	20.5
		8	4	20.06	19.93	19.99	20.5
		8	7	20.32	20.35	20.26	20.5
		15	0	20.09	20.13	20.05	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	20.4	20.26	20.23	20.5
		1	13	20.34	20.24	20.22	20.5
		1	24	20.36	20.24	20.17	20.5
		12	0	20.41	20.29	20.26	20.5
		12	6	20.34	20.27	20.22	20.5
		12	13	20.35	20.31	20.25	20.5
		25	0	20.36	20.33	20.23	20.5
	16QAM	1	0	20.41	20.36	20.36	20.5
		1	13	20.34	20.36	20.35	20.5
		1	24	20.38	20.3	20.33	20.5
		12	0	20.38	20.29	20.27	20.5
		12	6	20.32	20.25	20.29	20.5
		12	13	20.31	20.31	20.19	20.5
		25	0	20.29	20.25	20.16	20.5
	64QAM	1	0	20.43	20.22	20.14	20.5
		1	13	20.02	19.87	20	20.5
		1	24	20.4	20.43	20.28	20.5
		12	0	20.38	20.22	20.13	20.5
		12	6	20.05	19.92	20.04	20.5
		12	13	20.28	20.3	20.29	20.5
		25	0	20.1	20.19	20.03	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.38	20.29	20.27	20.5
		1	25	19.84	20.19	19.96	20.5
		1	49	20.24	20.23	20.18	20.5
		25	0	20.38	20.31	20.29	20.5
		25	13	20.3	20.3	20.25	20.5
		25	25	20.35	20.27	20.24	20.5
		50	0	20.33	20.27	20.23	20.5
	16QAM	1	0	20.4	20.34	20.35	20.5
		1	25	20.33	20.32	20.36	20.5
		1	49	20.35	20.43	20.4	20.5
		25	0	20.31	20.24	20.21	20.5
		25	13	20.24	20.21	20.17	20.5
		25	25	20.26	20.2	20.14	20.5
		50	0	20.24	20.18	20.18	20.5
	64QAM	1	0	20.33	20.29	20.13	20.5
		1	25	19.99	19.84	20.07	20.5
		1	49	20.38	20.38	20.28	20.5
		25	0	20.36	20.18	20.1	20.5
		25	13	20.04	19.88	19.95	20.5
		25	25	20.26	20.29	20.28	20.5
		50	0	20.16	20.18	20.08	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.33	20.25	20.21	20.5
		1	38	20.35	20.34	20.26	20.5
		1	74	20.27	20.18	20.11	20.5
		36	0	20.43	20.34	20.29	20.5
		36	18	20.35	20.3	20.29	20.5
		36	39	20.31	20.3	20.21	20.5
		75	0	20.34	20.28	20.3	20.5
	16QAM	1	0	20.37	20.35	20.36	20.5
		1	38	20.35	20.33	20.32	20.5
		1	74	20.31	20.39	20.4	20.5
		36	0	20.35	20.3	20.21	20.5
		36	18	20.26	20.18	20.22	20.5
		36	39	20.27	20.21	20.2	20.5
		75	0	20.3	20.18	20.17	20.5
	64QAM	1	0	20.39	20.2	20.12	20.5
		1	38	20	19.91	20.03	20.5
		1	74	20.33	20.41	20.27	20.5
		36	0	20.3	20.25	20.07	20.5
		36	18	20.07	19.9	20.06	20.5
		36	39	20.25	20.32	20.28	20.5
		75	0	20.1	20.13	20.07	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	20.47	20.46	20.41	20.5
		1	50	20.21	20.46	20.1	20.5
		1	99	20.4	20.35	20.37	20.5
		50	0	20.44	20.44	20.45	20.5
		50	25	20.47	20.43	20.45	20.5
		50	50	20.42	20.43	20.44	20.5
		100	0	20.46	20.46	20.47	20.5
	16QAM	1	0	20.42	20.37	20.36	20.5
		1	50	20.31	20.34	20.35	20.5
		1	99	20.34	20.32	20.32	20.5
		50	0	20.47	20.47	20.4	20.5
		50	25	20.4	20.38	20.37	20.5
		50	50	20.41	20.38	20.36	20.5
		100	0	20.47	20.4	20.4	20.5
	64QAM	1	0	20.39	20.21	20.19	20.5
		1	50	20	19.89	20.02	20.5
		1	99	20.35	20.34	20.32	20.5
		50	0	20.38	20.21	20.15	20.5
		50	25	20.03	19.86	20.01	20.5
		50	50	20.33	20.39	20.33	20.5
		100	0	20.13	20.14	20.12	20.5

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LTE Band 4 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.84	17.8	17.73	18
		1	2	17.51	17.66	17.62	18
		1	5	17.88	17.79	17.7	18
		3	0	17.82	17.73	17.64	18
		3	2	17.72	17.5	17.55	18
		3	3	17.74	17.71	17.62	18
		6	0	17.85	17.73	17.69	18
	16QAM	1	0	17.82	17.79	17.79	18
		1	2	17.98	17.87	17.8	18
		1	5	17.84	17.68	17.75	18
		3	0	17.85	17.72	17.75	18
		3	2	17.68	17.56	17.55	18
		3	3	17.79	17.82	17.65	18
		6	0	17.89	17.7	17.61	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	2	17.58	17.44	17.59	18
		1	5	17.91	17.95	17.87	18
		3	0	17.9	17.79	17.69	18
		3	2	17.59	17.44	17.56	18
		3	3	17.85	17.9	17.87	18
		6	0	17.7	17.74	17.62	18

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.87	17.76	17.72	18
		1	7	17.46	17.43	17.44	18
		1	14	17.83	17.75	17.72	18
		8	0	17.87	17.8	17.7	18
		8	4	17.8	17.75	17.66	18
		8	7	17.88	17.7	17.63	18
		15	0	17.86	17.82	17.73	18
	16QAM	1	0	17.85	17.74	17.69	18
		1	7	17.51	17.47	17.52	18
		1	14	17.81	17.77	17.74	18
		8	0	17.87	17.74	17.73	18
		8	4	17.81	17.71	17.63	18
		8	7	17.8	17.71	17.69	18
		15	0	17.89	17.74	17.68	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	7	17.58	17.44	17.59	18
		1	14	17.91	17.95	17.87	18
		8	0	17.9	17.79	17.69	18
		8	4	17.59	17.44	17.56	18
		8	7	17.85	17.9	17.87	18
		15	0	17.7	17.74	17.62	18
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.91	17.77	17.74	18
		1	13	17.85	17.77	17.68	18
		1	24	17.8	17.65	17.65	18
		12	0	17.88	17.81	17.78	18
		12	6	17.82	17.77	17.69	18
		12	13	17.83	17.8	17.75	18
		25	0	17.82	17.79	17.72	18
	16QAM	1	0	17.88	17.84	17.83	18
		1	13	17.82	17.74	17.96	18
		1	24	17.78	17.79	17.7	18
		12	0	17.87	17.74	17.81	18
		12	6	17.79	17.77	17.63	18
		12	13	17.82	17.71	17.77	18
		25	0	17.79	17.73	17.66	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	13	17.58	17.44	17.59	18
		1	24	17.91	17.95	17.87	18
		12	0	17.9	17.79	17.69	18
		12	6	17.59	17.44	17.56	18
		12	13	17.85	17.9	17.87	18
		25	0	17.7	17.74	17.62	18

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.87	17.77	17.77	18
		1	25	17.55	17.65	17.47	18
		1	49	17.76	17.71	17.65	18
		25	0	17.87	17.8	17.8	18
		25	13	17.81	17.79	17.75	18
		25	25	17.84	17.75	17.71	18
		50	0	17.82	17.74	17.71	18
	16QAM	1	0	17.91	17.89	17.85	18
		1	25	17.44	17.66	17.49	18
		1	49	17.74	17.69	17.61	18
		25	0	17.78	17.71	17.7	18
		25	13	17.74	17.76	17.69	18
		25	25	17.75	17.68	17.65	18
		50	0	17.73	17.68	17.65	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	25	17.58	17.44	17.59	18
		1	49	17.91	17.95	17.87	18
		25	0	17.9	17.79	17.69	18
		25	13	17.59	17.44	17.56	18
		25	25	17.85	17.9	17.87	18
		50	0	17.7	17.74	17.62	18

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.79	17.77	17.68	18
		1	38	17.84	17.76	17.76	18
		1	74	17.68	17.65	17.6	18
		36	0	17.86	17.84	17.81	18
		36	18	17.82	17.77	17.79	18
		36	39	17.84	17.74	17.74	18
		75	0	17.83	17.77	17.73	18
	16QAM	1	0	17.84	17.86	17.85	18
		1	38	17.81	17.88	17.95	18
		1	74	17.72	17.88	17.84	18
		36	0	17.84	17.79	17.77	18
		36	18	17.78	17.69	17.72	18
		36	39	17.78	17.71	17.71	18
		75	0	17.79	17.68	17.66	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	38	17.58	17.44	17.59	18
		1	74	17.91	17.95	17.87	18
		36	0	17.9	17.79	17.69	18
		36	18	17.59	17.44	17.56	18
		36	39	17.85	17.9	17.87	18
		75	0	17.7	17.74	17.62	18

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.96	17.92	17.93	18
		1	50	17.53	17.4	17.35	18
		1	99	17.93	17.9	17.83	18
		50	0	17.94	17.92	17.96	18
		50	25	17.98	17.92	17.94	18
		50	50	17.94	17.93	17.91	18
		100	0	17.94	17.89	17.98	18
	16QAM	1	0	17.91	17.94	17.95	18
		1	50	17.72	17.74	17.68	18
		1	99	17.86	17.88	17.91	18
		50	0	17.92	17.95	17.89	18
		50	25	17.93	17.88	17.89	18
		50	50	17.88	17.83	17.86	18
		100	0	17.92	17.9	17.9	18
	64QAM	1	0	17.93	17.81	17.71	18
		1	50	17.58	17.44	17.59	18
		1	99	17.91	17.95	17.87	18
		50	0	17.9	17.79	17.69	18
		50	25	17.59	17.44	17.56	18
		50	50	17.85	17.9	17.87	18
		100	0	17.7	17.74	17.62	18

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LTE Band 4 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	21.41	21.35	21.32	21.5
		1	2	20.91	20.88	21.04	21.5
		1	5	21.45	21.38	21.35	21.5
		3	0	21.28	21.15	21.24	21.5
		3	2	21.02	21.31	21.37	21.5
		3	3	21.36	21.34	21.17	21.5
		6	0	21.4	21.35	21.19	21.5
	16QAM	1	0	21.3	21.35	21.29	21.5
		1	2	21.14	21.14	21.19	21.5
		1	5	21.35	21.37	21.39	21.5
		3	0	21.35	21.47	21.33	21.5
		3	2	21.27	21.18	21.26	21.5
		3	3	21.44	21.33	21.24	21.5
		6	0	21.36	21.43	21.19	21.5
	64QAM	1	0	21.32	21.25	21.2	21.5
		1	2	21.03	20.95	21.04	21.5
		1	5	21.41	21.43	21.34	21.5
		3	0	21.29	21.21	21.15	21.5
		3	2	21	20.89	20.97	21.5
		3	3	21.35	21.41	21.31	21.5
		6	0	20.72	20.76	20.63	21

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	21.49	21.4	21.31	21.5
		1	7	20.81	20.9	21.03	21.5
		1	14	21.43	21.4	21.33	21.5
		8	0	21.47	21.46	21.32	21.5
		8	4	21.33	21.37	21.31	21.5
		8	7	21.47	21.35	21.27	21.5
		15	0	21.48	21.4	21.34	21.5
	16QAM	1	0	21.31	21.36	21.37	21.5
		1	7	21.44	21.35	21.44	21.5
		1	14	21.08	21.03	21.07	21.5
		8	0	21.48	21.33	21.3	21.5
		8	4	21.38	21.35	21.17	21.5
		8	7	21.41	21.35	21.31	21.5
		15	0	21.44	21.39	21.33	21.5
	64QAM	1	0	21.32	21.36	21.21	21.5
		1	7	21.08	20.99	21.01	21.5
		1	14	21.37	21.34	21.27	21.5
		8	0	20.79	20.78	20.6	21
		8	4	20.68	20.63	20.7	21
		8	7	20.79	20.78	20.66	21
		15	0	20.72	20.72	20.65	21
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	21.47	21.39	21.38	21.5
		1	13	21.42	21.38	21.28	21.5
		1	24	21.36	21.4	21.32	21.5
		12	0	21.44	21.47	21.39	21.5
		12	6	21.45	21.38	21.29	21.5
		12	13	21.44	21.44	21.37	21.5
		25	0	21.44	21.42	21.31	21.5
	16QAM	1	0	21.43	21.39	21.4	21.5
		1	13	21.24	21.26	21.21	21.5
		1	24	21.3	21.25	21.27	21.5
		12	0	21.49	21.42	21.39	21.5
		12	6	21.45	21.43	21.23	21.5
		12	13	21.43	21.38	21.35	21.5
		25	0	21.43	21.36	21.29	21.5
	64QAM	1	0	21.33	21.27	21.26	21.5
		1	13	21.1	20.99	21.04	21.5
		1	24	21.39	21.39	21.38	21.5
		12	0	20.88	20.71	20.7	21
		12	6	20.76	20.68	20.56	21
		12	13	20.69	20.7	20.68	21
		25	0	20.7	20.75	20.74	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	21.46	21.48	21.44	21.5
		1	25	21.34	21.28	21.13	21.5
		1	49	21.41	21.38	21.28	21.5
		25	0	21.49	21.47	21.42	21.5
		25	13	21.44	21.45	21.37	21.5
		25	25	21.49	21.4	21.35	21.5
		50	0	21.46	21.41	21.39	21.5
	16QAM	1	0	21.41	21.42	21.34	21.5
		1	25	21.31	21.26	21.37	21.5
		1	49	21.36	21.3	21.32	21.5
		25	0	21.42	21.35	21.31	21.5
		25	13	21.38	21.42	21.34	21.5
		25	25	21.44	21.33	21.29	21.5
		50	0	21.39	21.36	21.32	21.5
	64QAM	1	0	21.38	21.31	21.21	21.5
		1	25	21.02	20.99	21.1	21.5
		1	49	21.35	21.4	21.27	21.5
		25	0	20.75	20.79	20.69	21
		25	13	20.8	20.66	20.65	21
		25	25	20.75	20.7	20.59	21
		50	0	20.82	20.66	20.75	21

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	21.45	21.47	21.41	21.5
		1	38	21.44	21.43	21.46	21.5
		1	74	21.4	21.34	21.35	21.5
		36	0	21.39	21.4	21.48	21.5
		36	18	21.42	21.43	21.46	21.5
		36	39	21.46	21.46	21.42	21.5
		75	0	21.46	21.43	21.44	21.5
	16QAM	1	0	21.42	21.44	21.4	21.5
		1	38	21.39	21.45	21.42	21.5
		1	74	21.31	21.33	21.34	21.5
		36	0	21.44	21.44	21.4	21.5
		36	18	21.46	21.41	21.42	21.5
		36	39	21.48	21.43	21.36	21.5
		75	0	21.49	21.4	21.35	21.5
	64QAM	1	0	21.37	21.35	21.25	21.5
		1	38	21.13	20.95	21.11	21.5
		1	74	21.4	21.42	21.36	21.5
		36	0	20.76	20.73	20.66	21
		36	18	20.72	20.75	20.63	21
		36	39	20.76	20.69	20.67	21
		75	0	20.71	20.69	20.71	21

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	21.42	21.36	21.3	21.5
		1	50	21.08	21.04	21.03	21.5
		1	99	**21.46**	21.44	21.42	21.5
		50	0	**21.48**	21.47	21.46	21.5
		50	25	21.41	21.43	21.45	21.5
		50	50	21.46	21.45	21.42	21.5
		100	0	21.43	21.42	**21.47**	21.5
	16QAM	1	0	21.42	21.38	21.39	21.5
		1	50	21.37	21.32	21.42	21.5
		1	99	21.35	21.36	21.34	21.5
		50	0	21.49	21.43	21.41	21.5
		50	25	21.43	21.38	21.35	21.5
		50	50	21.42	21.33	21.37	21.5
		100	0	21.43	21.38	21.38	21.5
	64QAM	1	0	21.45	21.37	21.3	21.5
		1	50	21.16	21.02	21.12	21.5
		1	99	21.44	21.45	21.42	21.5
		50	0	20.88	20.8	20.72	21
		50	25	20.81	20.76	20.71	21
		50	50	20.81	20.79	20.72	21
		100	0	20.84	20.77	20.75	21

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LTE Band 4 Receiver off (body or limbs) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.4	18.29	18.27	18.5
		1	2	18.12	18.02	17.76	18.5
		1	5	18.36	18.32	18.22	18.5
		3	0	18.33	18.29	18.16	18.5
		3	2	18.19	18.29	18.09	18.5
		3	3	18.17	18.18	18.18	18.5
		6	0	18.36	18.29	18.07	18.5
	16QAM	1	0	18.39	18.38	18.32	18.5
		1	2	18.39	18.38	18.25	18.5
		1	5	18.37	18.39	18.33	18.5
		3	0	18.36	18.31	18.22	18.5
		3	2	18.2	18	18.1	18.5
		3	3	18.37	18.2	18.17	18.5
		6	0	18.4	18.21	18.19	18.5
	64QAM	1	0	18.37	18.25	18.17	18.5
		1	2	18.06	17.93	18.04	18.5
		1	5	18.31	18.38	18.33	18.5
		3	0	18.31	18.19	18.13	18.5
		3	2	18.08	17.87	17.96	18.5
		3	3	18.24	18.33	18.29	18.5
		6	0	18.18	18.22	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.37	18.27	18.25	18.5
		1	7	17.85	17.89	17.92	18.5
		1	14	18.34	18.25	18.19	18.5
		8	0	18.35	18.28	18.16	18.5
		8	4	18.24	18.2	18.2	18.5
		8	7	18.33	18.27	18.19	18.5
		15	0	18.38	18.31	18.24	18.5
	16QAM	1	0	18.35	18.31	18.29	18.5
		1	7	18.12	18.19	18.14	18.5
		1	14	18.37	18.39	18.34	18.5
		8	0	18.38	18.28	18.26	18.5
		8	4	18.23	18.23	18.08	18.5
		8	7	18.25	18.29	18.17	18.5
		15	0	18.34	18.27	18.17	18.5
	64QAM	1	0	18.36	18.29	18.17	18.5
		1	7	17.99	17.91	18.06	18.5
		1	14	18.35	18.34	18.25	18.5
		8	0	18.29	18.17	18.13	18.5
		8	4	18.04	17.87	18.06	18.5
		8	7	18.34	18.36	18.34	18.5
		15	0	18.09	18.17	18.1	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.36	18.27	18.25	18.5
		1	13	18.36	18.34	18.22	18.5
		1	24	18.29	18.21	18.18	18.5
		12	0	18.42	18.3	18.27	18.5
		12	6	18.3	18.27	18.24	18.5
		12	13	18.38	18.26	18.29	18.5
		25	0	18.35	18.3	18.23	18.5
	16QAM	1	0	18.3	18.34	18.37	18.5
		1	13	18.44	18.4	18.42	18.5
		1	24	18.42	18.42	18.43	18.5
		12	0	18.39	18.29	18.24	18.5
		12	6	18.33	18.27	18.22	18.5
		12	13	18.34	18.29	18.22	18.5
		25	0	18.31	18.23	18.17	18.5
	64QAM	1	0	18.39	18.21	18.12	18.5
		1	13	18	17.82	17.98	18.5
		1	24	18.41	18.34	18.31	18.5
		12	0	18.28	18.21	18.16	18.5
		12	6	18.08	17.91	18.04	18.5
		12	13	18.28	18.3	18.35	18.5
		25	0	18.18	18.21	18.02	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.33	18.29	18.27	18.5
		1	25	18.1	18.07	18.05	18.5
		1	49	18.28	18.2	18.15	18.5
		25	0	18.36	18.3	18.3	18.5
		25	13	18.31	18.27	18.23	18.5
		25	25	18.31	18.23	18.23	18.5
		50	0	18.32	18.24	18.25	18.5
	16QAM	1	0	18.39	18.38	18.34	18.5
		1	25	18.41	18.27	18.43	18.5
		1	49	18.35	18.42	18.48	18.5
		25	0	18.31	18.22	18.22	18.5
		25	13	18.26	18.26	18.15	18.5
		25	25	18.27	18.23	18.15	18.5
		50	0	18.27	18.17	18.16	18.5
	64QAM	1	0	18.35	18.28	18.19	18.5
		1	25	18.02	17.86	18	18.5
		1	49	18.36	18.41	18.26	18.5
		25	0	18.31	18.26	18.15	18.5
		25	13	18	17.83	17.99	18.5
		25	25	18.24	18.33	18.25	18.5
		50	0	18.11	18.15	18.08	18.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.31	18.3	18.24	18.5
		1	38	18.35	18.37	18.25	18.5
		1	74	18.23	18.14	18.14	18.5
		36	0	18.33	18.3	18.28	18.5
		36	18	18.34	18.27	18.25	18.5
		36	39	18.39	18.32	18.24	18.5
		75	0	18.35	18.28	18.32	18.5
	16QAM	1	0	18.3	18.38	18.34	18.5
		1	38	18.34	18.36	18.38	18.5
		1	74	18.38	18.42	18.47	18.5
		36	0	18.35	18.29	18.24	18.5
		36	18	18.29	18.25	18.25	18.5
		36	39	18.29	18.25	18.19	18.5
		75	0	18.28	18.19	18.18	18.5
	64QAM	1	0	18.43	18.26	18.12	18.5
		1	38	17.98	17.87	18.01	18.5
		1	74	18.39	18.42	18.27	18.5
		36	0	18.4	18.26	18.17	18.5
		36	18	17.98	17.9	17.97	18.5
		36	39	18.23	18.37	18.31	18.5
		75	0	18.09	18.12	18.11	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	**18.47**	18.4	18.42	18.5
		1	50	18.27	18.21	18.19	18.5
		1	99	18.44	18.38	18.36	18.5
		50	0	18.42	18.41	18.48	18.5
		50	25	**18.49**	18.41	18.41	18.5
		50	50	18.43	18.43	18.4	18.5
		100	0	18.42	**18.45**	18.41	18.5
	16QAM	1	0	18.42	18.4	18.41	18.5
		1	50	18.36	18.37	18.36	18.5
		1	99	18.4	18.35	18.44	18.5
		50	0	18.46	18.47	18.41	18.5
		50	25	18.45	18.36	18.35	18.5
		50	50	18.38	18.34	18.34	18.5
		100	0	18.43	18.39	18.36	18.5
	64QAM	1	0	18.42	18.28	18.15	18.5
		1	50	17.99	17.85	18.09	18.5
		1	99	18.33	18.4	18.36	18.5
		50	0	18.39	18.29	18.18	18.5
		50	25	18.01	17.87	18.01	18.5
		50	50	18.25	18.32	18.37	18.5
		100	0	18.13	18.18	18.1	18.5

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LTE Band 4 Receiver off (body or limbs) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	16.39	16.25	16.22	16.5
		1	2	16.33	16.07	16.07	16.5
		1	5	16.41	16.31	16.2	16.5
		3	0	16.36	16.13	16.16	16.5
		3	2	16.34	16.18	16.14	16.5
		3	3	16.19	16.26	16.12	16.5
		6	0	16.37	16.26	16.19	16.5
	16QAM	1	0	16.39	16.37	16.32	16.5
		1	2	16.28	16.47	16.45	16.5
		1	5	16.32	16.34	16.37	16.5
		3	0	16.32	16.33	16.28	16.5
		3	2	16.18	16.15	16.04	16.5
		3	3	16.24	16.29	16.17	16.5
		6	0	16.24	16.27	16.03	16.5
	64QAM	1	0	16.33	16.19	16.12	16.5
		1	2	16.05	15.9	16.02	16.5
		1	5	16.26	16.32	16.27	16.5
		3	0	16.3	16.12	16.04	16.5
		3	2	16	15.84	15.89	16.5
		3	3	16.18	16.31	16.27	16.5
		6	0	16.17	16.15	16.05	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.4	16.27	16.31	16.5
		1	7	15.86	16.01	15.87	16.5
		1	14	16.32	16.3	16.21	16.5
		8	0	16.32	16.22	16.14	16.5
		8	4	16.33	16.26	16.11	16.5
		8	7	16.31	16.22	16.1	16.5
		15	0	16.36	16.33	16.24	16.5
	16QAM	1	0	16.31	16.38	16.39	16.5
		1	7	16.17	15.85	16.05	16.5
		1	14	16.34	16.32	16.3	16.5
		8	0	16.36	16.25	16.19	16.5
		8	4	16.28	16.13	16.14	16.5
		8	7	16.29	16.2	16.13	16.5
		15	0	16.36	16.31	16.17	16.5
	64QAM	1	0	16.28	16.23	16.11	16.5
		1	7	15.99	15.93	15.97	16.5
		1	14	16.24	16.36	16.32	16.5
		8	0	16.24	16.13	16.11	16.5
		8	4	16.02	15.79	15.95	16.5
		8	7	16.19	16.29	16.23	16.5
		15	0	16.16	16.15	16.01	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	16.41	16.29	16.25	16.5
		1	13	16.39	16.28	16.25	16.5
		1	24	16.37	16.25	16.22	16.5
		12	0	16.41	16.36	16.33	16.5
		12	6	16.32	16.27	16.23	16.5
		12	13	16.36	16.3	16.27	16.5
		25	0	16.38	16.3	16.23	16.5
	16QAM	1	0	16.41	16.46	16.3	16.5
		1	13	16.45	16.41	16.36	16.5
		1	24	16.38	16.31	16.34	16.5
		12	0	16.4	16.28	16.29	16.5
		12	6	16.26	16.27	16.16	16.5
		12	13	16.36	16.33	16.24	16.5
		25	0	16.3	16.21	16.16	16.5
	64QAM	1	0	16.32	16.23	16.16	16.5
		1	13	15.97	15.85	15.97	16.5
		1	24	16.22	16.33	16.3	16.5
		12	0	16.25	16.18	16.08	16.5
		12	6	16.04	15.79	15.91	16.5
		12	13	16.23	16.25	16.25	16.5
		25	0	16.11	16.2	16.02	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	16.39	16.25	16.26	16.5
		1	25	16.07	15.99	15.9	16.5
		1	49	16.32	16.26	16.22	16.5
		25	0	16.39	16.32	16.3	16.5
		25	13	16.31	16.28	16.25	16.5
		25	25	16.31	16.25	16.24	16.5
		50	0	16.36	16.26	16.25	16.5
	16QAM	1	0	16.41	16.32	16.34	16.5
		1	25	16.26	16.24	16.16	16.5
		1	49	16.39	16.31	16.38	16.5
		25	0	16.34	16.25	16.24	16.5
		25	13	16.29	16.24	16.14	16.5
		25	25	16.3	16.17	16.15	16.5
		50	0	16.29	16.19	16.19	16.5
	64QAM	1	0	16.28	16.24	16.1	16.5
		1	25	16	15.92	15.97	16.5
		1	49	16.26	16.31	16.24	16.5
		25	0	16.26	16.18	16.11	16.5
		25	13	16.05	15.81	15.93	16.5
		25	25	16.19	16.32	16.26	16.5
		50	0	16.13	16.16	16.02	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	16.39	16.32	16.27	16.5
		1	38	16.32	16.34	16.32	16.5
		1	74	16.22	16.15	16.15	16.5
		36	0	16.4	16.32	16.34	16.5
		36	18	16.31	16.29	16.29	16.5
		36	39	16.37	16.33	16.3	16.5
		75	0	16.35	16.29	16.28	16.5
	16QAM	1	0	16.32	16.36	16.38	16.5
		1	38	16.38	16.32	16.33	16.5
		1	74	16.34	16.38	16.47	16.5
		36	0	16.37	16.25	16.29	16.5
		36	18	16.29	16.23	16.23	16.5
		36	39	16.3	16.22	16.22	16.5
		75	0	16.29	16.16	16.2	16.5
	64QAM	1	0	16.3	16.17	16.08	16.5
		1	38	16.01	15.84	15.96	16.5
		1	74	16.23	16.32	16.27	16.5
		36	0	16.25	16.18	16.09	16.5
		36	18	16.04	15.86	15.9	16.5
		36	39	16.22	16.33	16.23	16.5
		75	0	16.1	16.15	16.08	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.43	16.43	16.47	16.5
		1	50	16.45	16.13	16.06	16.5
		1	99	**16.48**	16.36	16.39	16.5
		50	0	**16.47**	16.45	16.47	16.5
		50	25	16.43	16.46	16.43	16.5
		50	50	16.43	16.41	16.37	16.5
		100	0	16.42	16.43	16.43	16.5
	16QAM	1	0	16.42	16.44	16.41	16.5
		1	50	16.47	16.38	16.47	16.5
		1	99	16.4	16.39	16.44	16.5
		50	0	16.46	16.47	16.41	16.5
		50	25	16.43	16.37	16.33	16.5
		50	50	16.35	16.36	16.31	16.5
		100	0	16.39	16.33	16.34	16.5
	64QAM	1	0	16.35	16.15	16.13	16.5
		1	50	15.96	15.89	16.01	16.5
		1	99	16.28	16.3	16.29	16.5
		50	0	16.25	16.17	16.05	16.5
		50	25	15.99	15.86	15.88	16.5
		50	50	16.17	16.24	16.21	16.5
		100	0	16.1	16.17	16.06	16.5

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LTE Band 4 Receiver on(Left head) +hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.29	17.1	17.04	17.5
		1	2	17.41	17.2	17.12	17.5
		1	5	17.21	17.29	17	17.5
		3	0	17.34	17.19	17.13	17.5
		3	2	16.6	16.84	17.3	17.5
		3	3	17.13	17.04	16.99	17.5
		6	0	17.27	17.14	17.06	17.5
	16QAM	1	0	17.37	17.43	17.33	17.5
		1	2	16.68	17.1	17.18	17.5
		1	5	17.47	17.47	17.37	17.5
		3	0	16.96	17.13	17.08	17.5
		3	2	17.21	17.35	17.19	17.5
		3	3	16.93	17.17	16.83	17.5
		6	0	17.31	17.35	16.99	17.5
	64QAM	1	0	17.32	17.09	17.07	17.5
		1	2	16.89	16.85	16.99	17.5
		1	5	17.26	17.22	17.27	17.5
		3	0	17.16	17.1	16.95	17.5
		3	2	16.89	16.8	16.81	17.5
		3	3	17.1	17.24	17.13	17.5
		6	0	17.04	17.12	17.04	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.25	17.23	17.21	17.5
		1	7	17.19	17.46	17.43	17.5
		1	14	17.27	17.14	17.05	17.5
		8	0	17.26	16.75	17.13	17.5
		8	4	17.01	17.14	16.66	17.5
		8	7	17.32	17.16	16.82	17.5
		15	0	17.34	17.2	17.1	17.5
	16QAM	1	0	17.38	17.29	17.31	17.5
		1	7	17.45	17.42	16.52	17.5
		1	14	17.31	17.15	17.22	17.5
		8	0	17.22	17.25	17.21	17.5
		8	4	17.11	17.08	17.03	17.5
		8	7	17.27	17.02	16.99	17.5
		15	0	17.37	17.11	17.12	17.5
	64QAM	1	0	17.27	17.09	17.04	17.5
		1	7	16.9	16.87	16.94	17.5
		1	14	17.27	17.23	17.2	17.5
		8	0	17.16	17.15	17.02	17.5
		8	4	16.97	16.82	16.87	17.5
		8	7	17.14	17.17	17.2	17.5
		15	0	17.08	17.08	16.98	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.26	17.37	17.21	17.5
		1	13	17.4	17.26	17.19	17.5
		1	24	17.29	17.09	16.96	17.5
		12	0	17.33	17.18	17.18	17.5
		12	6	17.23	17.02	16.99	17.5
		12	13	17.29	17.19	17.2	17.5
		25	0	17.21	17.23	17.15	17.5
	16QAM	1	0	17.34	17.42	17.38	17.5
		1	13	17.32	17.33	17.29	17.5
		1	24	17.44	17.36	17.35	17.5
		12	0	17.38	17.29	17.08	17.5
		12	6	17.13	17.29	17.13	17.5
		12	13	17.27	17.23	17.17	17.5
		25	0	17.18	17.23	16.96	17.5
	64QAM	1	0	17.32	17.09	17.1	17.5
		1	13	16.93	16.83	16.93	17.5
		1	24	17.24	17.28	17.28	17.5
		12	0	17.15	17.12	17.01	17.5
		12	6	16.92	16.84	16.82	17.5
		12	13	17.11	17.22	17.17	17.5
		25	0	17.05	17.17	16.98	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.28	17.17	17.12	17.5
		1	25	17.31	17.13	16.41	17.5
		1	49	17.02	17.18	17.05	17.5
		25	0	17.25	17.18	17.26	17.5
		25	13	17.23	17.21	17.18	17.5
		25	25	17.31	17.18	17.13	17.5
		50	0	17.27	17.16	17.17	17.5
	16QAM	1	0	17.37	17.42	16.99	17.5
		1	25	17.09	17.07	17.25	17.5
		1	49	17.3	17.27	17.34	17.5
		25	0	17.28	17.18	17.24	17.5
		25	13	17.28	17.16	17	17.5
		25	25	17.25	17.18	17.13	17.5
		50	0	17.21	17.09	17.01	17.5
	64QAM	1	0	17.31	17.09	17.12	17.5
		1	25	16.89	16.88	16.92	17.5
		1	49	17.19	17.23	17.29	17.5
		25	0	17.21	17.09	17	17.5
		25	13	16.92	16.85	16.78	17.5
		25	25	17.09	17.15	17.17	17.5
		50	0	17.07	17.12	17.02	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.21	17.32	17.15	17.5
		1	38	17.06	17.23	17.17	17.5
		1	74	17.13	17.11	17.06	17.5
		36	0	17.3	17.33	17.23	17.5
		36	18	17.28	17.24	17.17	17.5
		36	39	17.22	17.24	17.1	17.5
		75	0	17.31	17.25	17.16	17.5
	16QAM	1	0	17.35	17.39	17.02	17.5
		1	38	17.32	17.18	17.34	17.5
		1	74	17.44	17.33	17.14	17.5
		36	0	17.28	17.34	17.19	17.5
		36	18	17.26	17.15	17.12	17.5
		36	39	17.16	17.17	17.07	17.5
		75	0	17.15	17.12	17.12	17.5
	64QAM	1	0	17.35	17.14	17.06	17.5
		1	38	16.9	16.83	16.95	17.5
		1	74	17.25	17.28	17.23	17.5
		36	0	17.19	17.16	16.99	17.5
		36	18	16.91	16.84	16.79	17.5
		36	39	17.1	17.15	17.2	17.5
		75	0	17.05	17.11	17.03	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.43	17.34	17.31	17.5
		1	50	17.2	17.35	16.9	17.5
		1	99	17.23	17.1	17.07	17.5
		50	0	17.38	17.38	17.19	17.5
		50	25	17.19	17.18	17.14	17.5
		50	50	17.23	17.2	17.21	17.5
		100	0	17.36	17.28	17.16	17.5
	16QAM	1	0	17.37	17.42	17.3	17.5
		1	50	17.4	16.87	16.72	17.5
		1	99	17.29	17.3	17.37	17.5
		50	0	17.33	17.18	17.18	17.5
		50	25	17.21	17.09	17.07	17.5
		50	50	17.17	17.17	17.05	17.5
		100	0	17.3	17.06	17.24	17.5
	64QAM	1	0	17.28	17.07	17.06	17.5
		1	50	16.86	16.81	16.96	17.5
		1	99	17.18	17.27	17.28	17.5
		50	0	17.23	17.14	17	17.5
		50	25	16.96	16.81	16.87	17.5
		50	50	17.13	17.17	17.2	17.5
		100	0	17.08	17.14	16.98	17.5

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LTE Band 4 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	14.92	14.77	14.66	15
		1	2	13.58	14.64	13.95	15
		1	5	14.91	14.77	14.45	15
		3	0	14.92	14.52	14.67	15
		3	2	14.12	14.43	14.48	15
		3	3	14.55	14.57	14.69	15
		6	0	14.81	14.72	14.51	15
	16QAM	1	0	14.91	14.98	14.95	15
		1	2	14.91	14.88	14.78	15
		1	5	14.87	14.85	14.83	15
		3	0	14.58	14.65	14.81	15
		3	2	14.71	14.51	14.31	15
		3	3	14.82	14.8	14.6	15
		6	0	14.82	14.67	14.56	15
	64QAM	1	0	14.78	14.59	14.48	15
		1	2	14.32	14.26	14.47	15
		1	5	14.73	14.66	14.67	15
		3	0	14.66	14.54	14.36	15
		3	2	14.38	14.26	14.22	15
		3	3	14.6	14.68	14.55	15
		6	0	14.51	14.57	14.48	15

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	14.76	14.83	14.43	15
		1	7	14.26	12.89	13.34	15
		1	14	14.72	14.75	14.62	15
		8	0	14.56	14.66	14.64	15
		8	4	14.69	14.7	14.54	15
		8	7	14.69	14.71	14.66	15
		15	0	14.67	14.74	14.69	15
	16QAM	1	0	14.91	14.92	14.85	15
		1	7	14.69	14.78	13.19	15
		1	14	14.91	14.93	14.94	15
		8	0	14.65	14.69	14.64	15
		8	4	14.78	14.68	14.47	15
		8	7	14.73	14.47	14.63	15
		15	0	14.81	14.69	14.53	15
	64QAM	1	0	14.79	14.5	14.48	15
		1	7	14.38	14.28	14.45	15
		1	14	14.73	14.64	14.72	15
		8	0	14.63	14.51	14.42	15
		8	4	14.29	14.27	14.25	15
		8	7	14.52	14.72	14.59	15
		15	0	14.52	14.6	14.48	15
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	14.76	14.77	14.7	15
		1	13	14.65	14.69	14.58	15
		1	24	14.81	14.71	14.52	15
		12	0	14.76	14.71	14.73	15
		12	6	14.73	14.64	14.67	15
		12	13	14.75	14.72	14.65	15
		25	0	14.68	14.77	14.59	15
	16QAM	1	0	14.87	14.88	14.55	15
		1	13	14.82	14.93	14.91	15
		1	24	14.89	14.79	14.82	15
		12	0	14.84	14.69	14.8	15
		12	6	14.62	14.66	14.58	15
		12	13	14.95	14.67	14.46	15
		25	0	14.7	14.64	14.54	15
	64QAM	1	0	14.8	14.51	14.51	15
		1	13	14.38	14.27	14.45	15
		1	24	14.73	14.7	14.68	15
		12	0	14.61	14.55	14.41	15
		12	6	14.34	14.29	14.29	15
		12	13	14.58	14.71	14.6	15
		25	0	14.49	14.56	14.45	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	14.83	14.91	14.73	15
		1	25	14.73	14.38	14.7	15
		1	49	14.7	14.8	14.59	15
		25	0	14.81	14.71	14.71	15
		25	13	14.72	14.76	14.65	15
		25	25	14.76	14.73	14.61	15
		50	0	14.79	14.71	14.65	15
	16QAM	1	0	14.95	14.93	14.86	15
		1	25	14.91	14.95	14.97	15
		1	49	14.69	14.55	14.71	15
		25	0	14.72	14.51	14.54	15
		25	13	14.54	14.68	14.57	15
		25	25	14.79	14.59	14.6	15
		50	0	14.66	14.63	14.54	15
	64QAM	1	0	14.74	14.54	14.56	15
		1	25	14.3	14.29	14.4	15
		1	49	14.73	14.64	14.75	15
		25	0	14.62	14.57	14.37	15
		25	13	14.37	14.2	14.29	15
		25	25	14.58	14.66	14.6	15
		50	0	14.5	14.56	14.52	15

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.83	14.72	14.72	15
		1	38	14.94	14.76	14.64	15
		1	74	14.66	14.62	14.35	15
		36	0	14.83	14.74	14.72	15
		36	18	14.84	14.72	14.74	15
		36	39	14.66	14.7	14.56	15
		75	0	14.82	14.66	14.61	15
	16QAM	1	0	14.64	14.63	14.57	15
		1	38	14.72	14.74	14.63	15
		1	74	14.96	14.96	14.94	15
		36	0	14.73	14.79	14.72	15
		36	18	14.63	14.64	14.72	15
		36	39	14.78	14.58	14.56	15
		75	0	14.79	14.63	14.54	15
	64QAM	1	0	14.72	14.57	14.51	15
		1	38	14.33	14.25	14.46	15
		1	74	14.68	14.65	14.68	15
		36	0	14.63	14.6	14.39	15
		36	18	14.32	14.23	14.22	15
		36	39	14.57	14.66	14.55	15
		75	0	14.47	14.57	14.46	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	14.83	14.99	14.82	15
		1	50	14.68	14.56	14.74	15
		1	99	14.7	14.67	14.6	15
		50	0	14.88	14.74	14.61	15
		50	25	14.74	14.68	14.62	15
		50	50	14.76	14.59	14.65	15
		100	0	14.71	14.71	14.62	15
	16QAM	1	0	14.83	14.85	14.78	15
		1	50	14.13	14.78	14.77	15
		1	99	14.74	14.79	14.46	15
		50	0	14.75	14.71	14.61	15
		50	25	14.69	14.57	14.57	15
		50	50	14.59	14.53	14.51	15
		100	0	14.66	14.57	14.56	15
	64QAM	1	0	14.79	14.54	14.55	15
		1	50	14.37	14.25	14.44	15
		1	99	14.68	14.69	14.69	15
		50	0	14.62	14.58	14.37	15
		50	25	14.35	14.26	14.22	15
		50	50	14.56	14.65	14.59	15
		100	0	14.5	14.61	14.47	15

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LTE Band 4 Receiver on(Left head) hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.3	15.28	15.2	15.5
		1	2	14.85	15.48	14.86	15.5
		1	5	15.28	15.3	15.14	15.5
		3	0	15.18	15.1	15.24	15.5
		3	2	15.43	14.99	15.03	15.5
		3	3	15.23	14.84	14.78	15.5
		6	0	15.31	15.2	15.15	15.5
	16QAM	1	0	15.3	15.36	15.47	15.5
		1	2	15.2	15.38	15.23	15.5
		1	5	15.3	15.37	15.25	15.5
		3	0	15.33	15.1	15.07	15.5
		3	2	15.22	15.36	15.31	15.5
		3	3	14.51	15.11	15.23	15.5
		6	0	15.08	14.92	15.08	15.5
	64QAM	1	0	15.2	15.06	14.9	15.5
		1	2	14.76	14.74	14.97	15.5
		1	5	15.23	15.08	15.13	15.5
		3	0	15.1	14.96	14.82	15.5
		3	2	14.85	14.69	14.62	15.5
		3	3	15.08	15.13	14.99	15.5
		6	0	14.91	15.01	14.97	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.21	15.35	15.14	15.5
		1	7	14.99	14.27	14.95	15.5
		1	14	15.25	15.21	15.08	15.5
		8	0	15.09	15.19	14.86	15.5
		8	4	14.97	15.21	15.03	15.5
		8	7	15.28	15.21	14.91	15.5
		15	0	15.28	15.16	14.94	15.5
	16QAM	1	0	15.06	15.37	15.41	15.5
		1	7	15.4	15.41	15.35	15.5
		1	14	15.32	15.34	15.31	15.5
		8	0	15.28	15.2	15.16	15.5
		8	4	15.28	15.22	15.05	15.5
		8	7	15.36	15.07	15.21	15.5
		15	0	15.18	15.15	15.14	15.5
	64QAM	1	0	15.28	15.07	14.97	15.5
		1	7	14.77	14.75	14.88	15.5
		1	14	15.17	15.09	15.07	15.5
		8	0	15.11	15.04	14.86	15.5
		8	4	14.86	14.69	14.71	15.5
		8	7	15.02	15.16	15.04	15.5
		15	0	14.97	15.06	14.93	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.24	15.31	15.18	15.5
		1	13	15.29	15.19	15.01	15.5
		1	24	15.15	15.1	15.13	15.5
		12	0	15.28	15.15	15.12	15.5
		12	6	15.34	15.07	15.18	15.5
		12	13	15.18	15.22	15.15	15.5
		25	0	15.23	15.26	14.99	15.5
	16QAM	1	0	15.4	15.35	15.19	15.5
		1	13	15.22	14.94	14.93	15.5
		1	24	15.37	15.32	15.31	15.5
		12	0	15.26	15.23	15.12	15.5
		12	6	15.34	15.01	14.93	15.5
		12	13	15.28	15.26	15.05	15.5
		25	0	15.28	15.14	15.05	15.5
	64QAM	1	0	15.24	15.08	14.92	15.5
		1	13	14.73	14.67	14.89	15.5
		1	24	15.22	15.14	15.11	15.5
		12	0	15.13	15.03	14.76	15.5
		12	6	14.85	14.72	14.71	15.5
		12	13	15.01	15.15	15.02	15.5
		25	0	15	14.98	14.88	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.32	15.01	15.21	15.5
		1	25	14.29	14.49	14.81	15.5
		1	49	15.15	15.08	15.11	15.5
		25	0	15.4	15.23	15.25	15.5
		25	13	15.22	15.18	14.96	15.5
		25	25	15.32	15.15	15.15	15.5
		50	0	15.3	15.13	15.09	15.5
	16QAM	1	0	15.38	15.43	15.42	15.5
		1	25	15.13	15.25	15.37	15.5
		1	49	15.22	15.33	15.42	15.5
		25	0	15.1	15.11	15.07	15.5
		25	13	15.13	15.16	15.15	15.5
		25	25	15.24	15.04	15.09	15.5
		50	0	15.19	15.03	14.94	15.5
	64QAM	1	0	15.26	15.05	14.92	15.5
		1	25	14.79	14.73	14.97	15.5
		1	49	15.22	15.16	15.12	15.5
		25	0	15.08	14.95	14.8	15.5
		25	13	14.82	14.72	14.69	15.5
		25	25	15.03	15.13	14.98	15.5
		50	0	15.01	15	14.95	15.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.25	15.31	15.16	15.5
		1	38	15.29	15.33	14.96	15.5
		1	74	15.16	15.12	14.99	15.5
		36	0	15.37	15.19	15.23	15.5
		36	18	15.3	15.23	15.13	15.5
		36	39	15.23	15.18	15.09	15.5
		75	0	15.3	15.26	15.14	15.5
	16QAM	1	0	15.31	15.32	15.13	15.5
		1	38	15.37	15.32	15.3	15.5
		1	74	15.32	15.24	15.42	15.5
		36	0	15.19	15.25	15.16	15.5
		36	18	15.18	15.13	15.06	15.5
		36	39	15.14	15.05	15.15	15.5
		75	0	15.16	15.08	15.09	15.5
	64QAM	1	0	15.22	15.04	14.96	15.5
		1	38	14.77	14.72	14.97	15.5
		1	74	15.14	15.11	15.13	15.5
		36	0	15.13	15	14.81	15.5
		36	18	14.8	14.75	14.63	15.5
		36	39	15.09	15.15	15.02	15.5
		75	0	14.97	15	14.95	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.26	15.18	15.11	15.5
		1	50	14.45	14.75	14.96	15.5
		1	99	15.16	15.02	15.19	15.5
		50	0	15.37	15.34	15.18	15.5
		50	25	15.18	15.17	15.15	15.5
		50	50	15.18	15.15	15.08	15.5
		100	0	15.26	15.15	15.19	15.5
	16QAM	1	0	15.35	15.31	15.34	15.5
		1	50	15.34	15.39	15.33	15.5
		1	99	15.34	14.94	15.32	15.5
		50	0	15.25	15.2	15.22	15.5
		50	25	15.22	15.02	14.99	15.5
		50	50	15.04	14.98	15.07	15.5
		100	0	15.22	15.16	15.18	15.5
	64QAM	1	0	15.18	15	14.95	15.5
		1	50	14.79	14.73	14.92	15.5
		1	99	15.17	15.06	15.11	15.5
		50	0	15.07	14.98	14.83	15.5
		50	25	14.86	14.75	14.64	15.5
		50	50	15.06	15.18	14.96	15.5
		100	0	15	14.97	14.96	15.5

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LTE Band 4 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	12.89	12.68	12.63	13
		1	2	12.94	12.99	12.48	13
		1	5	12.8	12.66	12.6	13
		3	0	12.42	12.35	11.93	13
		3	2	12.45	12.68	12.42	13
		3	3	12.45	12.55	12.26	13
		6	0	12.85	12.66	12.72	13
	16QAM	1	0	12.91	12.72	12.81	13
		1	2	12.29	12.31	12.27	13
		1	5	12.96	12.98	12.99	13
		3	0	12.65	12.49	12.28	13
		3	2	12.67	12.9	12.26	13
		3	3	12.21	12.48	12.5	13
		6	0	12.97	12.45	12.12	13
	64QAM	1	0	12.62	12.51	12.34	13
		1	2	12.22	12.17	12.38	13
		1	5	12.66	12.55	12.55	13
		3	0	12.54	12.46	12.3	13
		3	2	12.26	12.09	12.05	13
		3	3	12.54	12.53	12.4	13
		6	0	12.32	12.46	12.46	13

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	12.61	12.66	12.6	13
		1	7	12.15	12.35	12.99	13
		1	14	12.72	12.74	12.58	13
		8	0	12.67	12.35	12.46	13
		8	4	12.41	12.62	12.48	13
		8	7	12.79	12.47	12.49	13
		15	0	12.67	12.73	12.6	13
	16QAM	1	0	12.87	12.91	12.95	13
		1	7	12.76	12.53	12.84	13
		1	14	12.82	12.76	12.66	13
		8	0	12.77	12.74	12.48	13
		8	4	12.61	12.51	12.65	13
		8	7	12.84	12.63	12.37	13
		15	0	12.64	12.69	12.58	13
	64QAM	1	0	12.66	12.49	12.32	13
		1	7	12.17	12.2	12.44	13
		1	14	12.64	12.55	12.58	13
		8	0	12.59	12.44	12.28	13
		8	4	12.33	12.1	12.04	13
		8	7	12.58	12.59	12.45	13
		15	0	12.35	12.42	12.41	13
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	12.9	12.65	12.6	13
		1	13	12.76	12.87	12.42	13
		1	24	12.73	12.54	12.52	13
		12	0	12.78	12.71	12.58	13
		12	6	12.92	12.94	12.63	13
		12	13	12.85	12.69	12.55	13
		25	0	12.73	12.75	12.58	13
	16QAM	1	0	12.42	12.51	12.39	13
		1	13	12.64	12.71	12.67	13
		1	24	12.81	12.84	12.91	13
		12	0	12.66	12.64	12.54	13
		12	6	12.66	12.48	12.42	13
		12	13	12.74	12.72	12.62	13
		25	0	12.58	12.6	12.54	13
	64QAM	1	0	12.68	12.5	12.3	13
		1	13	12.16	12.22	12.41	13
		1	24	12.69	12.53	12.6	13
		12	0	12.55	12.39	12.31	13
		12	6	12.28	12.1	12.04	13
		12	13	12.51	12.58	12.48	13
		25	0	12.32	12.49	12.46	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	12.86	12.69	12.58	13
		1	25	12.3	12.22	12.42	13
		1	49	12.7	12.54	12.52	13
		25	0	12.77	12.7	12.52	13
		25	13	12.84	12.61	12.59	13
		25	25	12.75	12.7	12.58	13
		50	0	12.76	12.69	12.66	13
	16QAM	1	0	12.86	12.73	12.5	13
		1	25	12.99	12.59	11.95	13
		1	49	12.89	12.84	12.83	13
		25	0	12.76	12.64	12.58	13
		25	13	12.74	12.6	12.49	13
		25	25	12.69	12.53	12.41	13
		50	0	12.7	12.48	12.62	13
	64QAM	1	0	12.6	12.52	12.39	13
		1	25	12.24	12.18	12.45	13
		1	49	12.72	12.57	12.53	13
		25	0	12.51	12.39	12.28	13
		25	13	12.25	12.18	12.06	13
		25	25	12.52	12.61	12.4	13
		50	0	12.35	12.5	12.4	13
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	12.83	12.55	12.56	13
		1	38	12.78	12.88	12.7	13
		1	74	12.53	12.47	12.41	13
		36	0	12.81	12.71	12.69	13
		36	18	12.8	12.75	12.57	13
		36	39	12.81	12.73	12.6	13
		75	0	12.79	12.64	12.59	13
	16QAM	1	0	12.91	12.86	12.94	13
		1	38	12.81	12.84	12.84	13
		1	74	12.69	12.66	12.78	13
		36	0	12.75	12.69	12.61	13
		36	18	12.66	12.59	12.54	13
		36	39	12.62	12.55	12.55	13
		75	0	12.59	12.54	12.56	13
	64QAM	1	0	12.62	12.54	12.33	13
		1	38	12.21	12.15	12.43	13
		1	74	12.71	12.52	12.55	13
		36	0	12.58	12.45	12.3	13
		36	18	12.26	12.19	12.12	13
		36	39	12.55	12.56	12.39	13
		75	0	12.41	12.5	12.4	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	12.91	12.86	12.86	13
		1	50	12.62	12.75	11.78	13
		1	99	12.63	12.71	12.56	13
		50	0	12.73	12.78	12.63	13
		50	25	12.79	12.63	12.62	13
		50	50	12.67	12.74	12.72	13
		100	0	12.76	12.73	12.63	13
	16QAM	1	0	12.86	12.91	12.87	13
		1	50	12.49	12.45	12.26	13
		1	99	12.52	12.79	12.9	13
		50	0	12.75	12.68	12.57	13
		50	25	12.61	12.58	12.57	13
		50	50	12.66	12.53	12.57	13
		100	0	12.7	12.63	12.57	13
	64QAM	1	0	12.67	12.5	12.33	13
		1	50	12.23	12.21	12.41	13
		1	99	12.73	12.54	12.58	13
		50	0	12.51	12.38	12.27	13
		50	25	12.26	12.11	12.09	13
		50	50	12.55	12.56	12.44	13
		100	0	12.31	12.45	12.45	13

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LTE Band 4 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.37	18.12	18.2	18.5
		1	2	17.83	18.3	17.02	18.5
		1	5	18.29	18.29	18.12	18.5
		3	0	17.81	18.34	18	18.5
		3	2	18.2	18.06	17.93	18.5
		3	3	17.9	18.2	17.79	18.5
		6	0	18.25	18.05	17.74	18.5
	16QAM	1	0	18.33	18.37	18.05	18.5
		1	2	18.38	18.35	18.36	18.5
		1	5	18.24	18.34	18.22	18.5
		3	0	18.02	17.56	17.92	18.5
		3	2	18.16	18.35	18.25	18.5
		3	3	18.22	17.91	17.93	18.5
		6	0	18.28	18.09	18.12	18.5
	64QAM	1	0	18.15	17.95	17.8	18.5
		1	2	17.65	17.68	17.89	18.5
		1	5	18.2	17.99	18.02	18.5
		3	0	17.92	17.83	17.72	18.5
		3	2	17.68	17.54	17.59	18.5
		3	3	18	18.04	17.9	18.5
		6	0	17.72	17.91	17.92	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.29	18.22	18.24	18.5
		1	7	17.69	18.27	16.62	18.5
		1	14	18.16	18.17	18.07	18.5
		8	0	18.19	18.27	17.68	18.5
		8	4	18.34	18.23	18.01	18.5
		8	7	18.18	18.16	18.17	18.5
		15	0	18.14	18.25	18	18.5
	16QAM	1	0	18.37	18.39	18.3	18.5
		1	7	18.22	18.08	18.3	18.5
		1	14	18.41	18.39	18.35	18.5
		8	0	18.27	18.32	18.13	18.5
		8	4	18.25	18.15	17.77	18.5
		8	7	18.28	18.14	18.16	18.5
		15	0	18.28	18.26	17.96	18.5
	64QAM	1	0	18.1	17.92	17.74	18.5
		1	7	17.71	17.68	17.89	18.5
		1	14	18.18	17.98	18.07	18.5
		8	0	17.94	17.81	17.68	18.5
		8	4	17.67	17.57	17.58	18.5
		8	7	17.96	17.98	17.87	18.5
		15	0	17.74	17.85	17.9	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.29	18.21	18.06	18.5
		1	13	18.35	18.22	18.01	18.5
		1	24	18.28	18.2	18.02	18.5
		12	0	18.43	18.12	18.11	18.5
		12	6	18.33	18.23	18.25	18.5
		12	13	18.3	18.2	18.16	18.5
		25	0	18.28	18.16	18.17	18.5
	16QAM	1	0	18.41	18.32	18.39	18.5
		1	13	18.34	18.4	18.38	18.5
		1	24	18.32	18.14	18.34	18.5
		12	0	18.36	18.15	18.19	18.5
		12	6	18.19	18.16	18.1	18.5
		12	13	18.37	18.23	18.05	18.5
		25	0	18.22	18.15	18.07	18.5
	64QAM	1	0	18.07	17.97	17.8	18.5
		1	13	17.72	17.62	17.89	18.5
		1	24	18.17	18	17.98	18.5
		12	0	17.92	17.79	17.74	18.5
		12	6	17.73	17.57	17.52	18.5
		12	13	17.97	18.02	17.89	18.5
		25	0	17.8	17.95	17.94	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.29	18.15	18.21	18.5
		1	25	17.74	18.1	17.26	18.5
		1	49	18.12	18.11	17.93	18.5
		25	0	18.27	18.3	18.18	18.5
		25	13	18.28	18.19	18.16	18.5
		25	25	18.28	18.22	18.07	18.5
		50	0	18.29	18.12	18.12	18.5
	16QAM	1	0	18.24	18.33	18.31	18.5
		1	25	18.32	17.57	18.34	18.5
		1	49	18.31	18.16	18.44	18.5
		25	0	18.23	18.15	18.14	18.5
		25	13	18.26	18.14	18.19	18.5
		25	25	18.22	18.21	18.04	18.5
		50	0	18.11	18.08	18.11	18.5
	64QAM	1	0	18.13	17.95	17.73	18.5
		1	25	17.71	17.68	17.88	18.5
		1	49	18.2	18.02	18	18.5
		25	0	17.92	17.8	17.67	18.5
		25	13	17.72	17.56	17.57	18.5
		25	25	18.01	18.01	17.88	18.5
		50	0	17.81	17.93	17.87	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.29	18.14	18.14	18.5
		1	38	18.31	18.24	18.09	18.5
		1	74	18.15	18.17	18.05	18.5
		36	0	18.24	18.27	18.15	18.5
		36	18	18.2	18.17	18.19	18.5
		36	39	18.28	18.24	18.18	18.5
		75	0	18.3	18.18	18.08	18.5
	16QAM	1	0	18.35	18.49	18.38	18.5
		1	38	18.42	18.33	18.08	18.5
		1	74	18.35	18.41	17.76	18.5
		36	0	18.28	18.1	18.14	18.5
		36	18	18.12	18.02	18.04	18.5
		36	39	18.2	18.1	18.1	18.5
		75	0	18.25	18.16	18.17	18.5
	64QAM	1	0	18.13	17.95	17.8	18.5
		1	38	17.72	17.67	17.83	18.5
		1	74	18.14	18	18.07	18.5
		36	0	17.92	17.81	17.7	18.5
		36	18	17.72	17.55	17.56	18.5
		36	39	18.04	18.04	17.89	18.5
		75	0	17.79	17.87	17.92	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.45	18.28	18.43	18.5
		1	50	18.02	17.55	17.29	18.5
		1	99	18.13	18.11	18.18	18.5
		50	0	18.33	18.18	18.15	18.5
		50	25	18.34	18.21	18.16	18.5
		50	50	18.24	18.09	18.1	18.5
		100	0	18.3	18.17	18.17	18.5
	16QAM	1	0	18.35	18.42	18.37	18.5
		1	50	18.26	18.36	18.04	18.5
		1	99	18.44	18.29	18.32	18.5
		50	0	18.28	18.16	18.15	18.5
		50	25	18.16	18.05	17.98	18.5
		50	50	18.09	18.07	18.07	18.5
		100	0	18.26	18	18.12	18.5
	64QAM	1	0	18.14	17.98	17.77	18.5
		1	50	17.69	17.7	17.84	18.5
		1	99	18.15	17.99	18	18.5
		50	0	17.91	17.83	17.68	18.5
		50	25	17.69	17.54	17.58	18.5
		50	50	17.97	18.06	17.89	18.5
		100	0	17.76	17.93	17.95	18.5

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LTE Band 4 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.73	15.77	15.6	16
		1	2	15.67	15.86	14.43	16
		1	5	15.65	15.72	15.57	16
		3	0	15.79	15.62	15.4	16
		3	2	15.74	15	15.22	16
		3	3	15.8	15.66	15.65	16
		6	0	15.73	15.3	15.38	16
	16QAM	1	0	15.84	15.97	15.89	16
		1	2	15.19	15.2	15.38	16
		1	5	15.41	15.36	15.25	16
		3	0	15.84	15.6	15.53	16
		3	2	15.66	15.92	15.07	16
		3	3	15.78	15.65	15.57	16
		6	0	15.66	15.56	15.4	16
	64QAM	1	0	15.78	15.67	15.43	16
		1	2	15.31	15.35	15.5	16
		1	5	15.82	15.59	15.61	16
		3	0	15.59	15.44	15.31	16
		3	2	15.34	15.17	15.21	16
		3	3	15.62	15.73	15.53	16
		6	0	15.37	15.54	15.6	16

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.8	15.75	15.65	16
		1	7	15.37	15.49	14.5	16
		1	14	15.64	15.65	15.48	16
		8	0	15.31	15.73	15.43	16
		8	4	15.55	15.74	15.49	16
		8	7	15.76	15.74	15.57	16
		15	0	15.8	15.74	15.52	16
	16QAM	1	0	15.94	15.91	15.95	16
		1	7	15.35	15.05	15.8	16
		1	14	15.76	15.71	15.74	16
		8	0	15.9	15.49	15.58	16
		8	4	15.84	15.69	15.57	16
		8	7	15.95	15.66	15.68	16
		15	0	15.68	15.61	15.52	16
	64QAM	1	0	15.79	15.58	15.41	16
		1	7	15.3	15.32	15.46	16
		1	14	15.83	15.63	15.67	16
		8	0	15.55	15.47	15.36	16
		8	4	15.32	15.19	15.23	16
		8	7	15.57	15.72	15.54	16
		15	0	15.42	15.63	15.63	16
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.78	15.66	15.62	16
		1	13	15.76	15.82	15.6	16
		1	24	15.74	15.51	15.68	16
		12	0	15.87	15.71	15.68	16
		12	6	15.39	15.67	15.64	16
		12	13	15.71	15.71	15.6	16
		25	0	15.77	15.77	15.56	16
	16QAM	1	0	15.84	15.83	15.87	16
		1	13	15.99	15.89	15.98	16
		1	24	15.91	15.88	15.86	16
		12	0	15.7	15.6	15.64	16
		12	6	15.81	15.93	15.44	16
		12	13	15.77	15.52	15.61	16
		25	0	15.71	15.6	15.69	16
	64QAM	1	0	15.8	15.64	15.42	16
		1	13	15.29	15.39	15.5	16
		1	24	15.84	15.65	15.7	16
		12	0	15.59	15.44	15.37	16
		12	6	15.31	15.17	15.24	16
		12	13	15.63	15.67	15.53	16
		25	0	15.39	15.61	15.65	16

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.92	15.63	15.68	16
		1	25	15.21	15.11	15.05	16
		1	49	15.64	15.74	15.47	16
		25	0	15.77	15.75	15.66	16
		25	13	15.83	15.65	15.59	16
		25	25	15.73	15.68	15.55	16
		50	0	15.76	15.74	15.58	16
	16QAM	1	0	15.78	15.72	15.67	16
		1	25	15.76	15.81	14.05	16
		1	49	15.79	15.84	15.86	16
		25	0	15.64	15.62	15.62	16
		25	13	15.68	15.73	15.69	16
		25	25	15.6	15.64	15.58	16
		50	0	15.68	15.59	15.5	16
	64QAM	1	0	15.82	15.63	15.46	16
		1	25	15.33	15.39	15.5	16
		1	49	15.76	15.6	15.7	16
		25	0	15.6	15.51	15.32	16
		25	13	15.3	15.23	15.25	16
		25	25	15.6	15.72	15.53	16
		50	0	15.38	15.57	15.61	16

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.76	15.84	15.62	16
		1	38	15.74	15.78	15.61	16
		1	74	15.68	15.54	15.59	16
		36	0	15.88	15.77	15.8	16
		36	18	15.72	15.66	15.68	16
		36	39	15.76	15.63	15.64	16
		75	0	15.75	15.69	15.7	16
	16QAM	1	0	15.59	15.33	15.43	16
		1	38	15.87	15.84	15.83	16
		1	74	15.89	15.86	15.8	16
		36	0	15.74	15.66	15.76	16
		36	18	15.79	15.73	15.61	16
		36	39	15.68	15.63	15.56	16
		75	0	15.76	15.56	15.57	16
	64QAM	1	0	15.78	15.6	15.4	16
		1	38	15.37	15.32	15.54	16
		1	74	15.81	15.63	15.68	16
		36	0	15.54	15.44	15.31	16
		36	18	15.35	15.22	15.19	16
		36	39	15.58	15.7	15.53	16
		75	0	15.4	15.6	15.6	16

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.95	15.97	15.84	16
		1	50	15.76	15.94	15.71	16
		1	99	15.76	15.67	15.57	16
		50	0	15.93	15.79	15.69	16
		50	25	15.74	15.61	15.69	16
		50	50	15.74	15.59	15.6	16
		100	0	15.87	15.74	15.7	16
	16QAM	1	0	15.91	15.89	15.86	16
		1	50	15.92	15.94	15.55	16
		1	99	15.97	15.97	15.87	16
		50	0	15.69	15.69	15.62	16
		50	25	15.65	15.61	15.57	16
		50	50	15.62	15.59	15.48	16
		100	0	15.66	15.57	15.6	16
	64QAM	1	0	15.82	15.64	15.41	16
		1	50	15.32	15.31	15.45	16
		1	99	15.81	15.62	15.67	16
		50	0	15.52	15.51	15.38	16
		50	25	15.3	15.17	15.18	16
		50	50	15.65	15.7	15.52	16
		100	0	15.37	15.55	15.6	16

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LTE Band 4 Receiver off （body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	19.29	19	19.11	19.5
		1	2	19.42	18.86	18.62	19.5
		1	5	19.34	19.31	19.2	19.5
		3	0	19.19	18.99	18.96	19.5
		3	2	19.3	19.19	18.98	19.5
		3	3	19.21	19.09	18.85	19.5
		6	0	19.45	19.21	19.12	19.5
	16QAM	1	0	19.36	19.34	19.32	19.5
		1	2	19.31	19.23	19.38	19.5
		1	5	19.42	19.3	19.2	19.5
		3	0	19.39	19.21	18.84	19.5
		3	2	18.31	19.37	19.2	19.5
		3	3	19.45	19.08	19.14	19.5
		6	0	19.34	19.13	19.15	19.5
	64QAM	1	0	19.28	19.1	18.82	19.5
		1	2	18.82	18.72	18.95	19.5
		1	5	19.29	19.03	19.1	19.5
		3	0	18.96	18.99	18.78	19.5
		3	2	18.75	18.64	18.68	19.5
		3	3	19.14	19.16	18.93	19.5
		6	0	18.86	19.04	19.07	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	19.33	19.16	19.18	19.5
		1	7	18.98	18.33	19.32	19.5
		1	14	19.29	19.28	19.04	19.5
		8	0	19.13	19.29	19.17	19.5
		8	4	19.3	19.48	19.06	19.5
		8	7	19.28	19.12	19	19.5
		15	0	19.38	19.27	19.1	19.5
	16QAM	1	0	19.37	19.38	19.41	19.5
		1	7	19.19	19.31	19.4	19.5
		1	14	19.29	19.37	19.27	19.5
		8	0	19.24	19.15	19.07	19.5
		8	4	19.29	19.32	19.08	19.5
		8	7	19.17	19.12	19.27	19.5
		15	0	19.22	19.12	19.16	19.5
	64QAM	1	0	19.25	19.14	18.82	19.5
		1	7	18.75	18.8	18.92	19.5
		1	14	19.29	19.04	19.13	19.5
		8	0	19	18.91	18.82	19.5
		8	4	18.76	18.66	18.59	19.5
		8	7	19.06	19.15	18.95	19.5
		15	0	18.81	18.97	19.01	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.32	19.27	19.19	19.5
		1	13	19.21	19.32	19.14	19.5
		1	24	19.34	19.14	19.07	19.5
		12	0	19.34	19.19	19.18	19.5
		12	6	19.36	19.29	19.19	19.5
		12	13	19.27	19.31	19.24	19.5
		25	0	19.25	19.24	19.18	19.5
	16QAM	1	0	19.36	19.44	19.42	19.5
		1	13	19.39	19.38	18.84	19.5
		1	24	19.37	19.33	19.39	19.5
		12	0	19.3	19.31	19.23	19.5
		12	6	19.3	19.15	19.22	19.5
		12	13	19.19	19.13	19.14	19.5
		25	0	19.27	19.07	18.96	19.5
	64QAM	1	0	19.27	19.09	18.91	19.5
		1	13	18.8	18.72	18.93	19.5
		1	24	19.25	19.05	19.08	19.5
		12	0	18.92	19	18.78	19.5
		12	6	18.8	18.62	18.66	19.5
		12	13	19.1	19.12	19	19.5
		25	0	18.83	19.05	19.06	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.43	19.31	19.13	19.5
		1	25	19.47	18.71	19.07	19.5
		1	49	19.24	19.11	19.18	19.5
		25	0	19.29	19.19	19.21	19.5
		25	13	19.36	19.23	19.18	19.5
		25	25	19.23	19.25	19.15	19.5
		50	0	19.26	19.16	19.17	19.5
	16QAM	1	0	19.14	19.39	19.35	19.5
		1	25	19.46	19.35	18.39	19.5
		1	49	19.33	19.34	19.15	19.5
		25	0	19.29	19.09	19.09	19.5
		25	13	19.29	19.07	18.98	19.5
		25	25	19.14	19.02	19.19	19.5
		50	0	19.17	19.19	18.97	19.5
	64QAM	1	0	19.29	19.12	18.83	19.5
		1	25	18.73	18.72	18.91	19.5
		1	49	19.22	19.05	19.1	19.5
		25	0	18.99	18.95	18.87	19.5
		25	13	18.72	18.61	18.67	19.5
		25	25	19.06	19.11	18.92	19.5
		50	0	18.83	19.02	19	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.35	19.28	19.16	19.5
		1	38	19.36	19.28	18.93	19.5
		1	74	19.18	19.15	19.08	19.5
		36	0	19.34	19.33	19.2	19.5
		36	18	19.28	19.22	19.24	19.5
		36	39	19.29	19.18	19.22	19.5
		75	0	19.26	19.24	19.15	19.5
	16QAM	1	0	19.33	19.34	19.31	19.5
		1	38	19.38	19.24	19.24	19.5
		1	74	19.36	19.45	19.37	19.5
		36	0	19.16	19.13	19.06	19.5
		36	18	19.16	19.08	19.14	19.5
		36	39	19.12	19.14	19.06	19.5
		75	0	19.22	19.06	19.09	19.5
	64QAM	1	0	19.26	19.1	18.9	19.5
		1	38	18.78	18.78	18.87	19.5
		1	74	19.23	19.07	19.1	19.5
		36	0	18.93	18.91	18.86	19.5
		36	18	18.74	18.63	18.62	19.5
		36	39	19.08	19.18	19.01	19.5
		75	0	18.77	18.96	19.05	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	19.46	19.44	19.34	19.5
		1	50	18.66	18.5	18.87	19.5
		1	99	19.32	19.18	19.24	19.5
		50	0	19.38	19.28	19.2	19.5
		50	25	19.2	19.13	19.21	19.5
		50	50	19.2	19.25	19.13	19.5
		100	0	19.28	19.11	19.22	19.5
	16QAM	1	0	19.39	19.36	19.35	19.5
		1	50	19.1	18.82	19.39	19.5
		1	99	19.32	19.46	19.33	19.5
		50	0	19.23	19.27	19.18	19.5
		50	25	19.18	19.1	19.05	19.5
		50	50	19.16	19.11	19.09	19.5
		100	0	19.23	19.1	19.14	19.5
	64QAM	1	0	19.3	19.12	18.85	19.5
		1	50	18.78	18.77	18.9	19.5
		1	99	19.21	19.04	19.07	19.5
		50	0	18.98	18.97	18.81	19.5
		50	25	18.74	18.67	18.6	19.5
		50	50	19.06	19.14	18.93	19.5
		100	0	18.84	19	19.07	19.5

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LTE Band 4 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.36	17.18	17.14	17.5
		1	2	15.83	16.82	16.39	17.5
		1	5	17.25	17.25	17.11	17.5
		3	0	16.92	16.82	17.03	17.5
		3	2	17.38	16.57	17.16	17.5
		3	3	17.2	17.23	17.09	17.5
		6	0	16.82	17.37	17.14	17.5
	16QAM	1	0	17.44	17.39	17.35	17.5
		1	2	17.27	17.16	16.89	17.5
		1	5	17.31	17.46	17.04	17.5
		3	0	17.41	17.39	17.07	17.5
		3	2	17.31	17.37	17.48	17.5
		3	3	17.28	17.24	17.23	17.5
		6	0	16.69	16.98	17.01	17.5
	64QAM	1	0	17.34	17.19	16.93	17.5
		1	2	16.87	16.85	16.96	17.5
		1	5	17.26	17.11	17.14	17.5
		3	0	17.04	17.05	16.9	17.5
		3	2	16.8	16.73	16.69	17.5
		3	3	17.12	17.22	17.02	17.5
		6	0	16.89	17.06	17.07	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.44	17.2	17.19	17.5
		1	7	16.46	16.46	17.47	17.5
		1	14	17.34	17.2	17.14	17.5
		8	0	17.27	17.22	17.25	17.5
		8	4	17.05	17.05	16.73	17.5
		8	7	17.21	17.35	17.09	17.5
		15	0	17.24	17.23	17.11	17.5
	16QAM	1	0	17.44	17.39	17.47	17.5
		1	7	17.01	16.6	16.09	17.5
		1	14	17.44	17.41	17.43	17.5
		8	0	17.27	17.08	17.16	17.5
		8	4	17.28	17.31	17.3	17.5
		8	7	17.23	17.24	16.79	17.5
		15	0	17.37	17.19	17.01	17.5
	64QAM	1	0	17.39	17.14	16.86	17.5
		1	7	16.8	16.85	16.95	17.5
		1	14	17.29	17.06	17.15	17.5
		8	0	17.07	17.01	16.88	17.5
		8	4	16.82	16.75	16.69	17.5
		8	7	17.11	17.23	17.01	17.5
		15	0	16.93	17.01	17.11	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.45	17.17	17.16	17.5
		1	13	17.16	17.12	17.05	17.5
		1	24	17.19	17.29	17.14	17.5
		12	0	17.29	17.19	17.18	17.5
		12	6	17.33	17.31	17.16	17.5
		12	13	17.29	17.32	17.2	17.5
		25	0	17.32	17.37	17.16	17.5
	16QAM	1	0	17.38	17.3	17.25	17.5
		1	13	17.36	17.37	17.36	17.5
		1	24	17.31	17.29	17.32	17.5
		12	0	17.44	17.3	17.17	17.5
		12	6	17.35	17.16	17.12	17.5
		12	13	17.35	17.29	17.11	17.5
		25	0	17.23	17.21	17.09	17.5
	64QAM	1	0	17.36	17.19	16.9	17.5
		1	13	16.81	16.84	16.95	17.5
		1	24	17.23	17.06	17.17	17.5
		12	0	17.02	17.03	16.88	17.5
		12	6	16.8	16.74	16.65	17.5
		12	13	17.1	17.18	16.99	17.5
		25	0	16.89	17.04	17.1	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.33	17.26	17.18	17.5
		1	25	17.04	16.91	17.12	17.5
		1	49	17.21	17.19	16.96	17.5
		25	0	17.28	17.18	17.12	17.5
		25	13	17.22	17.2	17.17	17.5
		25	25	17.18	17.17	17.11	17.5
		50	0	17.28	17.17	17.17	17.5
	16QAM	1	0	17.36	17.39	17.31	17.5
		1	25	17.33	17.01	17.08	17.5
		1	49	17.49	16.44	17.3	17.5
		25	0	17.21	17.17	17.12	17.5
		25	13	17.08	17.2	17.16	17.5
		25	25	17.2	17.16	17.23	17.5
		50	0	17.36	17.12	17.1	17.5
	64QAM	1	0	17.33	17.2	16.89	17.5
		1	25	16.85	16.78	16.91	17.5
		1	49	17.3	17.05	17.14	17.5
		25	0	17	16.99	16.91	17.5
		25	13	16.75	16.76	16.61	17.5
		25	25	17.14	17.22	16.98	17.5
		50	0	16.92	17.06	17.15	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.33	17.34	17.02	17.5
		1	38	17.46	17.37	17.29	17.5
		1	74	17.19	17.07	17.08	17.5
		36	0	17.28	17.22	17.14	17.5
		36	18	17.3	17.25	17.28	17.5
		36	39	17.23	17.23	17.09	17.5
		75	0	17.29	17.27	17.16	17.5
	16QAM	1	0	17.29	17.13	17.33	17.5
		1	38	17.31	17.33	17.35	17.5
		1	74	17.23	17.26	17.29	17.5
		36	0	17.36	17.19	17.15	17.5
		36	18	17.14	17.2	17.18	17.5
		36	39	17.31	17.17	17.04	17.5
		75	0	17.22	17.21	17.1	17.5
	64QAM	1	0	17.4	17.17	16.94	17.5
		1	38	16.81	16.83	16.9	17.5
		1	74	17.3	17.11	17.17	17.5
		36	0	17.07	16.98	16.86	17.5
		36	18	16.75	16.71	16.69	17.5
		36	39	17.09	17.16	16.97	17.5
		75	0	16.88	17.03	17.15	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.35	17.47	17.23	17.5
		1	50	16.66	16.78	16.37	17.5
		1	99	17.33	17.14	17.09	17.5
		50	0	17.36	17.24	17.25	17.5
		50	25	17.3	17.19	17.13	17.5
		50	50	17.22	17.2	17.2	17.5
		100	0	17.32	17.28	17.27	17.5
	16QAM	1	0	17.39	17.37	17.32	17.5
		1	50	17.24	17.27	17.22	17.5
		1	99	17.28	17.33	17.23	17.5
		50	0	17.24	17.14	17.19	17.5
		50	25	17.26	17.19	17.11	17.5
		50	50	17.14	17.09	17.03	17.5
		100	0	17.24	17.13	17.1	17.5
	64QAM	1	0	17.31	17.18	16.95	17.5
		1	50	16.85	16.86	17	17.5
		1	99	17.29	17.14	17.16	17.5
		50	0	17.03	17.03	16.85	17.5
		50	25	16.75	16.69	16.69	17.5
		50	50	17.1	17.2	16.94	17.5
		100	0	16.86	17.03	17.09	17.5

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LTE Band 4 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	14.91	14.77	14.45	15
		1	2	13.89	14.66	13.88	15
		1	5	14.84	14.74	14.62	15
		3	0	14.65	14.86	14.47	15
		3	2	13.94	14.48	14.12	15
		3	3	14.97	14.64	14.66	15
		6	0	14.35	14.49	14.16	15
	16QAM	1	0	14.89	14.87	14.92	15
		1	2	14.96	13.83	14.92	15
		1	5	14.54	14.49	14.73	15
		3	0	14.52	14.66	14.46	15
		3	2	14.85	14.62	14.39	15
		3	3	14.59	14.58	14.21	15
		6	0	14.41	14.93	14.55	15
	64QAM	1	0	14.8	14.6	14.42	15
		1	2	14.34	14.31	14.47	15
		1	5	14.71	14.58	14.61	15
		3	0	14.52	14.46	14.34	15
		3	2	14.23	14.12	14.17	15
		3	3	14.54	14.67	14.43	15
		6	0	14.35	14.46	14.55	15

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	14.93	14.73	14.63	15
		1	7	13.37	14.29	14.16	15
		1	14	14.76	14.82	14.54	15
		8	0	14.81	14.76	14.68	15
		8	4	14.73	14.6	14.64	15
		8	7	14.65	14.78	14.53	15
		15	0	14.76	14.86	14.62	15
	16QAM	1	0	14.95	14.93	14.97	15
		1	7	14.58	14.81	13.79	15
		1	14	14.88	14.87	14.93	15
		8	0	14.58	14.76	14.69	15
		8	4	14.5	14.74	14.51	15
		8	7	14.73	14.42	14.5	15
		15	0	14.72	14.6	14.77	15
	64QAM	1	0	14.79	14.67	14.4	15
		1	7	14.3	14.33	14.45	15
		1	14	14.72	14.62	14.64	15
		8	0	14.47	14.46	14.29	15
		8	4	14.2	14.12	14.17	15
		8	7	14.56	14.69	14.41	15
		15	0	14.31	14.48	14.52	15
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	14.94	14.57	14.62	15
		1	13	14.87	14.72	14.53	15
		1	24	14.66	14.74	14.52	15
		12	0	14.81	14.72	14.61	15
		12	6	14.8	14.69	14.7	15
		12	13	14.73	14.74	14.68	15
		25	0	14.66	14.7	14.6	15
	16QAM	1	0	14.83	14.85	14.99	15
		1	13	14.78	14.5	14.85	15
		1	24	14.74	14.69	14.63	15
		12	0	14.7	14.84	14.54	15
		12	6	14.66	14.55	14.58	15
		12	13	14.71	14.74	14.56	15
		25	0	14.74	14.6	14.46	15
	64QAM	1	0	14.8	14.66	14.44	15
		1	13	14.31	14.35	14.49	15
		1	24	14.77	14.59	14.63	15
		12	0	14.52	14.48	14.33	15
		12	6	14.19	14.17	14.16	15
		12	13	14.59	14.7	14.36	15
		25	0	14.35	14.5	14.53	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	14.92	14.66	14.72	15
		1	25	14.03	14.2	14.58	15
		1	49	14.87	14.51	14.52	15
		25	0	14.81	14.7	14.67	15
		25	13	14.8	14.66	14.61	15
		25	25	14.77	14.72	14.72	15
		50	0	14.84	14.7	14.6	15
	16QAM	1	0	14.92	14.96	14.94	15
		1	25	14.64	13.92	14.83	15
		1	49	14.87	14.89	14.85	15
		25	0	14.77	14.65	14.54	15
		25	13	14.65	14.7	14.58	15
		25	25	14.72	14.61	14.55	15
		50	0	14.69	14.56	14.59	15
	64QAM	1	0	14.77	14.65	14.42	15
		1	25	14.29	14.29	14.49	15
		1	49	14.73	14.64	14.65	15
		25	0	14.49	14.48	14.34	15
		25	13	14.23	14.11	14.13	15
		25	25	14.58	14.68	14.41	15
		50	0	14.35	14.47	14.55	15

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.83	14.72	14.6	15
		1	38	14.94	14.81	14.74	15
		1	74	14.66	14.64	14.5	15
		36	0	14.85	14.78	14.73	15
		36	18	14.84	14.68	14.77	15
		36	39	14.69	14.65	14.59	15
		75	0	14.69	14.68	14.64	15
	16QAM	1	0	14.93	14.89	14.91	15
		1	38	14.86	14.84	14.9	15
		1	74	14.84	14.78	14.64	15
		36	0	14.71	14.73	14.48	15
		36	18	14.73	14.63	14.63	15
		36	39	14.64	14.71	14.58	15
		75	0	14.64	14.46	14.61	15
	64QAM	1	0	14.79	14.61	14.43	15
		1	38	14.31	14.34	14.43	15
		1	74	14.79	14.61	14.61	15
		36	0	14.52	14.5	14.28	15
		36	18	14.2	14.12	14.15	15
		36	39	14.56	14.66	14.4	15
		75	0	14.34	14.49	14.56	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	14.97	14.97	14.82	15
		1	50	14.32	14.54	14.98	15
		1	99	14.68	14.64	14.68	15
		50	0	14.81	14.75	14.62	15
		50	25	14.77	14.63	14.61	15
		50	50	14.76	14.6	14.67	15
		100	0	14.71	14.74	14.63	15
	16QAM	1	0	14.93	14.91	14.89	15
		1	50	14.94	14.98	14.88	15
		1	99	14.88	14.92	14.9	15
		50	0	14.76	14.73	14.65	15
		50	25	14.59	14.65	14.63	15
		50	50	14.57	14.56	14.51	15
		100	0	14.7	14.54	14.55	15
	64QAM	1	0	14.78	14.66	14.37	15
		1	50	14.31	14.35	14.48	15
		1	99	14.76	14.63	14.65	15
		50	0	14.49	14.5	14.3	15
		50	25	14.22	14.18	14.15	15
		50	50	14.57	14.63	14.39	15
		100	0	14.33	14.52	14.57	15

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LTE Band 4 Receiver off (body or limbs) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.45	18.33	18.19	18.5
		1	2	17.93	17.77	17.48	18.5
		1	5	18.39	18.34	18.17	18.5
		3	0	18.08	18.16	18.02	18.5
		3	2	17.76	18.28	18.16	18.5
		3	3	18.26	17.54	18.09	18.5
		6	0	18.25	18.14	18.23	18.5
	16QAM	1	0	18.35	18.46	18.33	18.5
		1	2	18.37	18.12	18.48	18.5
		1	5	18.36	17.78	18.47	18.5
		3	0	18.3	18.32	18.12	18.5
		3	2	17.77	18.02	17.35	18.5
		3	3	18.22	18.22	18.06	18.5
		6	0	18.28	18.22	18.02	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	2	17.92	17.85	18	18.5
		1	5	18.28	18.13	18.13	18.5
		3	0	18.06	18.02	17.9	18.5
		3	2	17.77	17.71	17.71	18.5
		3	3	18.07	18.19	17.97	18.5
		6	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.27	18.09	18.07	18.5
		1	7	17.63	17.5	18.27	18.5
		1	14	18.23	18.15	18.07	18.5
		8	0	18.31	18.13	18.25	18.5
		8	4	17.86	17.96	18.09	18.5
		8	7	18.27	18.29	18.41	18.5
		15	0	18.35	18.18	18.12	18.5
	16QAM	1	0	18.37	18.33	18.39	18.5
		1	7	18.17	17.72	18.34	18.5
		1	14	18.34	18.3	18.14	18.5
		8	0	18.29	18.14	17.8	18.5
		8	4	18.17	18.26	17.94	18.5
		8	7	18.21	18.06	18.19	18.5
		15	0	18.3	18.2	17.95	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	7	17.92	17.85	18	18.5
		1	14	18.28	18.13	18.13	18.5
		8	0	18.06	18.02	17.9	18.5
		8	4	17.77	17.71	17.71	18.5
		8	7	18.07	18.19	17.97	18.5
		15	0	17.86	18.03	18.08	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.23	18.21	18.04	18.5
		1	13	18.39	18.39	18.11	18.5
		1	24	18.13	18.13	18.04	18.5
		12	0	18.36	18.32	18.18	18.5
		12	6	18.33	18.16	18.12	18.5
		12	13	18.25	18.32	18.1	18.5
		25	0	18.27	18.23	18.12	18.5
	16QAM	1	0	18.35	18.37	18.31	18.5
		1	13	18.29	18.32	18.17	18.5
		1	24	18.32	18.3	18.15	18.5
		12	0	18.4	18.25	18.23	18.5
		12	6	18.19	18.2	18.23	18.5
		12	13	18.2	18.2	18.14	18.5
		25	0	18.29	18.22	18.02	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	13	17.92	17.85	18	18.5
		1	24	18.28	18.13	18.13	18.5
		12	0	18.06	18.02	17.9	18.5
		12	6	17.77	17.71	17.71	18.5
		12	13	18.07	18.19	17.97	18.5
		25	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.25	18.33	18.35	18.5
		1	25	18.17	18.16	18.21	18.5
		1	49	18.14	18.11	18.04	18.5
		25	0	18.35	18.21	18.25	18.5
		25	13	18.21	18.25	18.24	18.5
		25	25	18.21	18.26	18.16	18.5
		50	0	18.22	18.3	18.12	18.5
	16QAM	1	0	18.2	18.36	18.38	18.5
		1	25	18.39	18.41	18.34	18.5
		1	49	18.37	18.36	18.21	18.5
		25	0	18.15	18.23	18.08	18.5
		25	13	18.15	18.29	18.15	18.5
		25	25	18.35	18.22	18.06	18.5
		50	0	18.12	18.15	18.1	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	25	17.92	17.85	18	18.5
		1	49	18.28	18.13	18.13	18.5
		25	0	18.06	18.02	17.9	18.5
		25	13	17.77	17.71	17.71	18.5
		25	25	18.07	18.19	17.97	18.5
		50	0	17.86	18.03	18.08	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.06	18.32	18.2	18.5
		1	38	18.06	17.94	17.94	18.5
		1	74	18.19	17.95	17.85	18.5
		36	0	18.29	18.19	18.22	18.5
		36	18	18.21	18.22	18.26	18.5
		36	39	18.17	18.19	18.18	18.5
		75	0	18.34	18.22	18.12	18.5
	16QAM	1	0	18.48	18.31	18.39	18.5
		1	38	18.38	18.28	18.25	18.5
		1	74	18.39	18.33	18.36	18.5
		36	0	18.19	18.23	18.16	18.5
		36	18	18.12	18.18	18.07	18.5
		36	39	18.26	18.15	18.09	18.5
		75	0	18.14	18.06	18.1	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	38	17.92	17.85	18	18.5
		1	74	18.28	18.13	18.13	18.5
		36	0	18.06	18.02	17.9	18.5
		36	18	17.77	17.71	17.71	18.5
		36	39	18.07	18.19	17.97	18.5
		75	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.35	18.38	18.33	18.5
		1	50	18.44	18.41	18.08	18.5
		1	99	18.28	18.28	18.06	18.5
		50	0	18.36	18.21	18.21	18.5
		50	25	18.21	18.26	18.22	18.5
		50	50	18.25	18.26	18.15	18.5
		100	0	18.32	18.19	18.22	18.5
	16QAM	1	0	18.22	18.33	18.38	18.5
		1	50	18.01	17.67	17.65	18.5
		1	99	18.42	18.42	18.45	18.5
		50	0	18.27	18.17	18.14	18.5
		50	25	18.13	18.26	18.12	18.5
		50	50	18.13	18.1	18.08	18.5
		100	0	18.24	18.1	18.15	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	50	17.92	17.85	18	18.5
		1	99	18.28	18.13	18.13	18.5
		50	0	18.06	18.02	17.9	18.5
		50	25	17.77	17.71	17.71	18.5
		50	50	18.07	18.19	17.97	18.5
		100	0	17.86	18.03	18.08	18.5

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LTE Band 4 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.37	15.3	15.1	15.5
		1	2	14.27	13.99	14.05	15.5
		1	5	15.35	15.03	15.07	15.5
		3	0	14.86	15.36	15.14	15.5
		3	2	15.29	15.13	15.37	15.5
		3	3	15.22	14.78	14.96	15.5
		6	0	15.14	15.4	15.07	15.5
	16QAM	1	0	15.42	15.18	15.23	15.5
		1	2	15.11	15.06	15.19	15.5
		1	5	15.34	15.29	15.3	15.5
		3	0	15.35	15.22	15.11	15.5
		3	2	14.79	15.01	14.64	15.5
		3	3	15.01	15.2	14.68	15.5
		6	0	15.4	15.24	15.12	15.5
	64QAM	1	0	15.41	15.2	15.12	15.5
		1	2	14.96	14.92	15.01	15.5
		1	5	15.38	15.16	15.14	15.5
		3	0	15.15	15.09	14.97	15.5
		3	2	14.85	14.72	14.8	15.5
		3	3	15.1	15.21	15.02	15.5
		6	0	14.91	15.09	15.16	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.25	15.16	15.12	15.5
		1	7	15.47	15.39	14.36	15.5
		1	14	15.31	15.24	15.14	15.5
		8	0	15.31	15.15	15.06	15.5
		8	4	15.11	15.32	14.97	15.5
		8	7	15.27	15.27	15.18	15.5
		15	0	15.26	15.27	15.12	15.5
	16QAM	1	0	15.4	15.38	15.2	15.5
		1	7	15	15.2	15.07	15.5
		1	14	15.3	15.22	15.29	15.5
		8	0	14.93	15.22	15.02	15.5
		8	4	15.36	15.3	15.09	15.5
		8	7	15.11	15.26	15.33	15.5
		15	0	15.3	15.05	15.04	15.5
	64QAM	1	0	15.37	15.19	15.07	15.5
		1	7	15.01	14.86	15.07	15.5
		1	14	15.32	15.15	15.19	15.5
		8	0	15.15	15.07	14.93	15.5
		8	4	14.84	14.8	14.8	15.5
		8	7	15.16	15.21	15.03	15.5
		15	0	14.89	15.07	15.15	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.37	15.17	15.18	15.5
		1	13	15.31	15.19	15.03	15.5
		1	24	15.13	15.08	15.14	15.5
		12	0	15.43	15.21	15.2	15.5
		12	6	15.23	15.17	14.92	15.5
		12	13	15.28	15.21	15.1	15.5
		25	0	15.2	15.26	15.06	15.5
	16QAM	1	0	15.47	15.37	15.35	15.5
		1	13	15.31	15.22	15.26	15.5
		1	24	15.33	15.34	15.23	15.5
		12	0	15.16	15.22	15.15	15.5
		12	6	15.19	15.24	15.11	15.5
		12	13	15.3	15.22	15.12	15.5
		25	0	15.24	15.16	15	15.5
	64QAM	1	0	15.41	15.22	15.07	15.5
		1	13	14.99	14.9	15.07	15.5
		1	24	15.33	15.15	15.22	15.5
		12	0	15.09	15.06	14.98	15.5
		12	6	14.8	14.73	14.71	15.5
		12	13	15.12	15.21	15.03	15.5
		25	0	14.92	15.04	15.16	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.19	15.1	15.2	15.5
		1	25	15.32	14.4	15.19	15.5
		1	49	15.18	15.21	15.12	15.5
		25	0	15.29	15.21	15.16	15.5
		25	13	15.29	15.25	15.1	15.5
		25	25	15.2	15.24	15.06	15.5
		50	0	15.25	15.22	15.1	15.5
	16QAM	1	0	15.31	15.3	15.22	15.5
		1	25	15.27	15.26	15.24	15.5
		1	49	15.38	15.21	15.4	15.5
		25	0	15.29	15.2	15.1	15.5
		25	13	15.36	15.09	15.16	15.5
		25	25	15.12	15.13	15.12	15.5
		50	0	15.2	15.06	15.04	15.5
	64QAM	1	0	15.35	15.26	15.08	15.5
		1	25	14.96	14.89	15.07	15.5
		1	49	15.37	15.13	15.18	15.5
		25	0	15.13	15.05	14.95	15.5
		25	13	14.82	14.77	14.78	15.5
		25	25	15.09	15.26	15.01	15.5
		50	0	14.92	15.09	15.13	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.08	15.17	15.17	15.5
		1	38	14.95	15.29	15.22	15.5
		1	74	15.26	15.19	15.05	15.5
		36	0	15.41	15.21	15.16	15.5
		36	18	15.28	15.27	15.21	15.5
		36	39	15.3	15.25	15.15	15.5
		75	0	15.2	15.28	15.19	15.5
	16QAM	1	0	15.3	15.25	15.19	15.5
		1	38	15.24	15.44	15.34	15.5
		1	74	15.12	15.38	15.34	15.5
		36	0	15.28	15.23	15.07	15.5
		36	18	15.18	15.3	15.02	15.5
		36	39	15.29	15.1	15.05	15.5
		75	0	15.19	15.15	15	15.5
	64QAM	1	0	15.42	15.19	15.09	15.5
		1	38	14.94	14.87	15.07	15.5
		1	74	15.31	15.17	15.14	15.5
		36	0	15.1	15.03	15	15.5
		36	18	14.8	14.77	14.79	15.5
		36	39	15.15	15.2	15.05	15.5
		75	0	14.87	15.1	15.14	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.43	15.43	15.32	15.5
		1	50	15.18	15.38	15.34	15.5
		1	99	15.18	15.12	15.17	15.5
		50	0	15.36	15.35	15.17	15.5
		50	25	15.25	15.21	15.12	15.5
		50	50	15.21	15.18	15.12	15.5
		100	0	15.26	15.18	15.15	15.5
	16QAM	1	0	15.31	15.34	15.25	15.5
		1	50	14.62	14.63	15.35	15.5
		1	99	15.09	15.37	15.35	15.5
		50	0	15.29	15.22	15.13	15.5
		50	25	15.26	15.08	15.1	15.5
		50	50	15.13	15.17	15.04	15.5
		100	0	15.21	15.18	15.13	15.5
	64QAM	1	0	15.38	15.19	15.08	15.5
		1	50	15.01	14.9	15.05	15.5
		1	99	15.32	15.2	15.16	15.5
		50	0	15.12	15.12	14.91	15.5
		50	25	14.77	14.75	14.78	15.5
		50	50	15.11	15.26	15.04	15.5
		100	0	14.95	15.11	15.13	15.5

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LTE Band 4 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	12.68	12.92	12.64	13
		1	2	12.69	12.56	12.1	13
		1	5	12.82	12.82	12.53	13
		3	0	12.78	12.49	12.57	13
		3	2	12.89	12.6	12.66	13
		3	3	12.7	12.45	12.48	13
		6	0	12.89	12.65	12.86	13
	16QAM	1	0	12.91	12.83	12.79	13
		1	2	12.52	12.65	12.4	13
		1	5	12.86	12.83	12.85	13
		3	0	12.63	12.65	12.78	13
		3	2	12.72	12.8	12.16	13
		3	3	12.49	12.65	12.54	13
		6	0	12.97	12.64	12.44	13
	64QAM	1	0	12.86	12.69	12.5	13
		1	2	12.46	12.38	12.47	13
		1	5	12.8	12.62	12.62	13
		3	0	12.57	12.58	12.39	13
		3	2	12.22	12.17	12.26	13
		3	3	12.55	12.74	12.53	13
		6	0	12.43	12.55	12.56	13

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	12.84	12.6	12.64	13
		1	7	12.58	12.34	12.25	13
		1	14	12.65	12.81	12.59	13
		8	0	12.79	12.6	12.5	13
		8	4	12.73	12.83	12.68	13
		8	7	12.82	12.62	12.56	13
		15	0	12.79	12.71	12.66	13
	16QAM	1	0	12.99	12.84	12.6	13
		1	7	12.86	12.46	11.87	13
		1	14	12.88	12.76	12.67	13
		8	0	12.63	12.6	12.63	13
		8	4	12.4	12.8	12.29	13
		8	7	12.76	12.66	12.48	13
		15	0	12.59	12.62	12.64	13
	64QAM	1	0	12.85	12.66	12.54	13
		1	7	12.41	12.32	12.49	13
		1	14	12.75	12.68	12.61	13
		8	0	12.59	12.54	12.39	13
		8	4	12.27	12.18	12.22	13
		8	7	12.52	12.72	12.47	13
		15	0	12.38	12.59	12.58	13
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	12.85	12.78	12.63	13
		1	13	12.78	12.71	12.66	13
		1	24	12.68	12.71	12.66	13
		12	0	12.82	12.71	12.58	13
		12	6	12.73	12.7	12.65	13
		12	13	12.75	12.68	12.62	13
		25	0	12.85	12.72	12.58	13
	16QAM	1	0	12.54	12.52	12.56	13
		1	13	12.95	12.91	12.55	13
		1	24	12.97	12.99	12.85	13
		12	0	12.86	12.76	12.53	13
		12	6	12.86	12.55	12.58	13
		12	13	12.84	12.78	12.65	13
		25	0	12.8	12.69	12.5	13
	64QAM	1	0	12.81	12.64	12.51	13
		1	13	12.49	12.37	12.54	13
		1	24	12.73	12.69	12.59	13
		12	0	12.56	12.58	12.31	13
		12	6	12.19	12.25	12.21	13
		12	13	12.51	12.66	12.46	13
		25	0	12.43	12.53	12.62	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	12.85	12.64	12.67	13
		1	25	12.53	12.13	11.77	13
		1	49	12.76	12.6	12.56	13
		25	0	12.75	12.63	12.73	13
		25	13	12.66	12.55	12.64	13
		25	25	12.78	12.6	12.6	13
		50	0	12.86	12.72	12.57	13
	16QAM	1	0	12.95	12.93	12.9	13
		1	25	12.91	12.85	12.94	13
		1	49	12.81	12.79	12.76	13
		25	0	12.72	12.74	12.54	13
		25	13	12.57	12.66	12.57	13
		25	25	12.72	12.51	12.59	13
		50	0	12.65	12.57	12.58	13
	64QAM	1	0	12.82	12.61	12.57	13
		1	25	12.47	12.33	12.46	13
		1	49	12.77	12.6	12.6	13
		25	0	12.53	12.6	12.37	13
		25	13	12.2	12.17	12.21	13
		25	25	12.56	12.75	12.49	13
		50	0	12.4	12.56	12.62	13

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	12.71	12.53	12.75	13
		1	38	12.85	12.79	12.73	13
		1	74	12.72	12.62	12.43	13
		36	0	12.89	12.74	12.67	13
		36	18	12.8	12.84	12.67	13
		36	39	12.76	12.7	12.64	13
		75	0	12.83	12.64	12.66	13
	16QAM	1	0	12.99	12.73	12.81	13
		1	38	12.89	12.55	12.91	13
		1	74	12.82	12.47	12.63	13
		36	0	12.7	12.67	12.59	13
		36	18	12.61	12.61	12.65	13
		36	39	12.52	12.58	12.63	13
		75	0	12.76	12.6	12.57	13
	64QAM	1	0	12.84	12.61	12.56	13
		1	38	12.42	12.32	12.5	13
		1	74	12.8	12.6	12.62	13
		36	0	12.61	12.6	12.32	13
		36	18	12.23	12.24	12.27	13
		36	39	12.56	12.73	12.48	13
		75	0	12.37	12.6	12.61	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	12.97	12.88	12.75	13
		1	50	12.76	12.86	12.43	13
		1	99	12.64	12.67	12.63	13
		50	0	12.8	12.73	12.68	13
		50	25	12.85	12.7	12.5	13
		50	50	12.71	12.65	12.59	13
		100	0	12.71	12.69	12.69	13
	16QAM	1	0	12.89	12.91	12.92	13
		1	50	12.84	12.86	12.72	13
		1	99	12.82	12.94	12.78	13
		50	0	12.76	12.64	12.6	13
		50	25	12.51	12.58	12.64	13
		50	50	12.49	12.63	12.54	13
		100	0	12.65	12.64	12.63	13
	64QAM	1	0	12.82	12.67	12.56	13
		1	50	12.5	12.33	12.53	13
		1	99	12.76	12.62	12.6	13
		50	0	12.57	12.61	12.37	13
		50	25	12.23	12.2	12.22	13
		50	50	12.53	12.72	12.49	13
		100	0	12.43	12.6	12.54	13

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LTE Band 4 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	16.26	16.32	16.14	16.5
		1	2	16.37	16.19	16.24	16.5
		1	5	16.27	15.96	15.99	16.5
		3	0	16.23	15.65	15.98	16.5
		3	2	16.15	16.31	15.68	16.5
		3	3	15.88	16.29	15.95	16.5
		6	0	16.25	16.11	15.97	16.5
	16QAM	1	0	16.38	16.14	16	16.5
		1	2	16.06	16.2	15.53	16.5
		1	5	16.32	16.23	16.35	16.5
		3	0	16.44	15.95	16.16	16.5
		3	2	15.79	16.2	16.37	16.5
		3	3	16.38	16.39	16.27	16.5
		6	0	16.46	16.18	16.12	16.5
	64QAM	1	0	16.25	16.1	16.05	16.5
		1	2	15.96	15.79	15.98	16.5
		1	5	16.18	16.1	16.09	16.5
		3	0	16.02	16.08	15.78	16.5
		3	2	15.72	15.63	15.65	16.5
		3	3	16.03	16.21	15.98	16.5
		6	0	15.84	16.09	15.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.48	16.19	16.16	16.5
		1	7	16.32	15.7	14.23	16.5
		1	14	16.24	16.17	16.12	16.5
		8	0	16.16	15.83	16.12	16.5
		8	4	16.21	16.36	16.15	16.5
		8	7	16.17	16.23	16	16.5
		15	0	16.29	16.14	16.2	16.5
	16QAM	1	0	16.34	16.41	16.37	16.5
		1	7	16.42	15.43	16.28	16.5
		1	14	16.33	16.36	15.9	16.5
		8	0	16.15	16.43	15.92	16.5
		8	4	16.03	16.2	15.53	16.5
		8	7	16.25	16.11	16.06	16.5
		15	0	16.36	16.2	16.19	16.5
	64QAM	1	0	16.25	16.11	16.03	16.5
		1	7	15.96	15.75	15.95	16.5
		1	14	16.24	16.07	16.07	16.5
		8	0	15.99	16.09	15.84	16.5
		8	4	15.68	15.69	15.65	16.5
		8	7	15.97	16.22	15.92	16.5
		15	0	15.85	16.05	15.99	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	16.33	16.01	16.18	16.5
		1	13	16.17	16.23	16.17	16.5
		1	24	16.26	16.3	16.14	16.5
		12	0	16.36	16.3	16.13	16.5
		12	6	16.42	16.29	16.2	16.5
		12	13	16.28	16.3	16.18	16.5
		25	0	16.44	16.22	16.13	16.5
	16QAM	1	0	16.34	16.38	16.34	16.5
		1	13	16.34	16.41	16.42	16.5
		1	24	16.02	15.89	15.88	16.5
		12	0	16.42	16.24	16.11	16.5
		12	6	16.41	16.49	16.25	16.5
		12	13	16.26	16.07	16	16.5
		25	0	16.19	16.29	16.04	16.5
	64QAM	1	0	16.3	16.13	15.99	16.5
		1	13	15.93	15.8	16	16.5
		1	24	16.25	16.05	16.08	16.5
		12	0	15.98	16.02	15.85	16.5
		12	6	15.71	15.66	15.68	16.5
		12	13	15.99	16.16	15.99	16.5
		25	0	15.9	16.03	16.01	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	16.39	16.05	16.34	16.5
		1	25	15.51	15.66	15.73	16.5
		1	49	16.23	16.09	16.19	16.5
		25	0	16.33	16.23	16.24	16.5
		25	13	16.2	16.28	16.18	16.5
		25	25	16.36	16.21	16.15	16.5
		50	0	16.34	16.22	16.19	16.5
	16QAM	1	0	16.35	16.32	16.3	16.5
		1	25	16.21	15.8	16.31	16.5
		1	49	16.26	16.22	16.23	16.5
		25	0	16.31	16.11	16.1	16.5
		25	13	16.17	16.17	16.17	16.5
		25	25	16.18	16.07	16.09	16.5
		50	0	16.22	16.07	16.12	16.5
	64QAM	1	0	16.29	16.17	15.96	16.5
		1	25	15.98	15.75	15.96	16.5
		1	49	16.21	16.06	16.04	16.5
		25	0	16.07	16.1	15.83	16.5
		25	13	15.69	15.67	15.63	16.5
		25	25	15.99	16.19	15.96	16.5
		50	0	15.86	16.09	15.95	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	16.22	16.33	16.23	16.5
		1	38	16.3	16.34	16.01	16.5
		1	74	16.25	15.89	16.04	16.5
		36	0	16.28	16.32	16.32	16.5
		36	18	16.32	16.21	16.24	16.5
		36	39	16.27	16.17	16.19	16.5
		75	0	16.23	16.25	16.1	16.5
	16QAM	1	0	16.37	16.23	16.32	16.5
		1	38	16.24	16.39	15.98	16.5
		1	74	16.25	15.93	16.19	16.5
		36	0	16.17	16.19	16.09	16.5
		36	18	16.21	16.11	16.05	16.5
		36	39	16.24	16.15	16.16	16.5
		75	0	16.13	16.12	16.16	16.5
	64QAM	1	0	16.28	16.08	16.01	16.5
		1	38	15.91	15.8	15.98	16.5
		1	74	16.24	16.11	16.06	16.5
		36	0	16.03	16.05	15.8	16.5
		36	18	15.73	15.69	15.68	16.5
		36	39	16.02	16.19	15.92	16.5
		75	0	15.88	16.04	15.97	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.4	16.41	16.25	16.5
		1	50	15.65	15.36	16.36	16.5
		1	99	16.16	15.99	16.18	16.5
		50	0	16.4	16.23	16.14	16.5
		50	25	16.31	16.19	16.16	16.5
		50	50	16.2	16.2	16.08	16.5
		100	0	16.27	16.12	16.16	16.5
	16QAM	1	0	16.33	16.31	16.38	16.5
		1	50	16.44	15.49	15.81	16.5
		1	99	16.38	16.41	16.3	16.5
		50	0	16.13	16.13	16.09	16.5
		50	25	16.14	16.16	16.12	16.5
		50	50	16.13	16.09	16.01	16.5
		100	0	16.25	16.07	16.1	16.5
	64QAM	1	0	16.31	16.17	15.97	16.5
		1	50	15.91	15.77	15.99	16.5
		1	99	16.22	16.06	16.08	16.5
		50	0	16.03	16.01	15.78	16.5
		50	25	15.65	15.6	15.64	16.5
		50	50	15.98	16.15	15.93	16.5
		100	0	15.9	16.1	15.99	16.5

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LTE Band 4 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	15.37	15.3	15.1	15.5
		1	2	14.27	13.99	14.05	15.5
		1	5	15.35	15.03	15.07	15.5
		3	0	14.86	15.36	15.14	15.5
		3	2	15.29	15.13	15.37	15.5
		3	3	15.22	14.78	14.96	15.5
		6	0	15.14	15.4	15.07	15.5
	16QAM	1	0	15.42	15.18	15.23	15.5
		1	2	15.11	15.06	15.19	15.5
		1	5	15.34	15.29	15.3	15.5
		3	0	15.35	15.22	15.11	15.5
		3	2	14.79	15.01	14.64	15.5
		3	3	15.01	15.2	14.68	15.5
		6	0	15.4	15.24	15.12	15.5
	64QAM	1	0	15.41	15.2	15.12	15.5
		1	2	14.96	14.92	15.01	15.5
		1	5	15.38	15.16	15.14	15.5
		3	0	15.15	15.09	14.97	15.5
		3	2	14.85	14.72	14.8	15.5
		3	3	15.1	15.21	15.02	15.5
		6	0	14.91	15.09	15.16	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	15.25	15.16	15.12	15.5
		1	7	15.47	15.39	14.36	15.5
		1	14	15.31	15.24	15.14	15.5
		8	0	15.31	15.15	15.06	15.5
		8	4	15.11	15.32	14.97	15.5
		8	7	15.27	15.27	15.18	15.5
		15	0	15.26	15.27	15.12	15.5
	16QAM	1	0	15.4	15.38	15.2	15.5
		1	7	15	15.2	15.07	15.5
		1	14	15.3	15.22	15.29	15.5
		8	0	14.93	15.22	15.02	15.5
		8	4	15.36	15.3	15.09	15.5
		8	7	15.11	15.26	15.33	15.5
		15	0	15.3	15.05	15.04	15.5
	64QAM	1	0	15.37	15.19	15.07	15.5
		1	7	15.01	14.86	15.07	15.5
		1	14	15.32	15.15	15.19	15.5
		8	0	15.15	15.07	14.93	15.5
		8	4	14.84	14.8	14.8	15.5
		8	7	15.16	15.21	15.03	15.5
		15	0	14.89	15.07	15.15	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	15.37	15.17	15.18	15.5
		1	13	15.31	15.19	15.03	15.5
		1	24	15.13	15.08	15.14	15.5
		12	0	15.43	15.21	15.2	15.5
		12	6	15.23	15.17	14.92	15.5
		12	13	15.28	15.21	15.1	15.5
		25	0	15.2	15.26	15.06	15.5
	16QAM	1	0	15.47	15.37	15.35	15.5
		1	13	15.31	15.22	15.26	15.5
		1	24	15.33	15.34	15.23	15.5
		12	0	15.16	15.22	15.15	15.5
		12	6	15.19	15.24	15.11	15.5
		12	13	15.3	15.22	15.12	15.5
		25	0	15.24	15.16	15	15.5
	64QAM	1	0	15.41	15.22	15.07	15.5
		1	13	14.99	14.9	15.07	15.5
		1	24	15.33	15.15	15.22	15.5
		12	0	15.09	15.06	14.98	15.5
		12	6	14.8	14.73	14.71	15.5
		12	13	15.12	15.21	15.03	15.5
		25	0	14.92	15.04	15.16	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.19	15.1	15.2	15.5
		1	25	15.32	14.4	15.19	15.5
		1	49	15.18	15.21	15.12	15.5
		25	0	15.29	15.21	15.16	15.5
		25	13	15.29	15.25	15.1	15.5
		25	25	15.2	15.24	15.06	15.5
		50	0	15.25	15.22	15.1	15.5
	16QAM	1	0	15.31	15.3	15.22	15.5
		1	25	15.27	15.26	15.24	15.5
		1	49	15.38	15.21	15.4	15.5
		25	0	15.29	15.2	15.1	15.5
		25	13	15.36	15.09	15.16	15.5
		25	25	15.12	15.13	15.12	15.5
		50	0	15.2	15.06	15.04	15.5
	64QAM	1	0	15.35	15.26	15.08	15.5
		1	25	14.96	14.89	15.07	15.5
		1	49	15.37	15.13	15.18	15.5
		25	0	15.13	15.05	14.95	15.5
		25	13	14.82	14.77	14.78	15.5
		25	25	15.09	15.26	15.01	15.5
		50	0	14.92	15.09	15.13	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.08	15.17	15.17	15.5
		1	38	14.95	15.29	15.22	15.5
		1	74	15.26	15.19	15.05	15.5
		36	0	15.41	15.21	15.16	15.5
		36	18	15.28	15.27	15.21	15.5
		36	39	15.3	15.25	15.15	15.5
		75	0	15.2	15.28	15.19	15.5
	16QAM	1	0	15.3	15.25	15.19	15.5
		1	38	15.24	15.44	15.34	15.5
		1	74	15.12	15.38	15.34	15.5
		36	0	15.28	15.23	15.07	15.5
		36	18	15.18	15.3	15.02	15.5
		36	39	15.29	15.1	15.05	15.5
		75	0	15.19	15.15	15	15.5
	64QAM	1	0	15.42	15.19	15.09	15.5
		1	38	14.94	14.87	15.07	15.5
		1	74	15.31	15.17	15.14	15.5
		36	0	15.1	15.03	15	15.5
		36	18	14.8	14.77	14.79	15.5
		36	39	15.15	15.2	15.05	15.5
		75	0	14.87	15.1	15.14	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.43	15.43	15.32	15.5
		1	50	15.18	15.38	15.34	15.5
		1	99	15.18	15.12	15.17	15.5
		50	0	15.36	15.35	15.17	15.5
		50	25	15.25	15.21	15.12	15.5
		50	50	15.21	15.18	15.12	15.5
		100	0	15.26	15.18	15.15	15.5
	16QAM	1	0	15.31	15.34	15.25	15.5
		1	50	14.62	14.63	15.35	15.5
		1	99	15.09	15.37	15.35	15.5
		50	0	15.29	15.22	15.13	15.5
		50	25	15.26	15.08	15.1	15.5
		50	50	15.13	15.17	15.04	15.5
		100	0	15.21	15.18	15.13	15.5
	64QAM	1	0	15.38	15.19	15.08	15.5
		1	50	15.01	14.9	15.05	15.5
		1	99	15.32	15.2	15.16	15.5
		50	0	15.12	15.12	14.91	15.5
		50	25	14.77	14.75	14.78	15.5
		50	50	15.11	15.26	15.04	15.5
		100	0	14.95	15.11	15.13	15.5

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LTE Band 4 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	12.68	12.92	12.64	13
		1	2	12.69	12.56	12.1	13
		1	5	12.82	12.82	12.53	13
		3	0	12.78	12.49	12.57	13
		3	2	12.89	12.6	12.66	13
		3	3	12.7	12.45	12.48	13
		6	0	12.89	12.65	12.86	13
	16QAM	1	0	12.91	12.83	12.79	13
		1	2	12.52	12.65	12.4	13
		1	5	12.86	12.83	12.85	13
		3	0	12.63	12.65	12.78	13
		3	2	12.72	12.8	12.16	13
		3	3	12.49	12.65	12.54	13
		6	0	12.97	12.64	12.44	13
	64QAM	1	0	12.86	12.69	12.5	13
		1	2	12.46	12.38	12.47	13
		1	5	12.8	12.62	12.62	13
		3	0	12.57	12.58	12.39	13
		3	2	12.22	12.17	12.26	13
		3	3	12.55	12.74	12.53	13
		6	0	12.43	12.55	12.56	13

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	12.84	12.6	12.64	13
		1	7	12.58	12.34	12.25	13
		1	14	12.65	12.81	12.59	13
		8	0	12.79	12.6	12.5	13
		8	4	12.73	12.83	12.68	13
		8	7	12.82	12.62	12.56	13
		15	0	12.79	12.71	12.66	13
	16QAM	1	0	12.99	12.84	12.6	13
		1	7	12.86	12.46	11.87	13
		1	14	12.88	12.76	12.67	13
		8	0	12.63	12.6	12.63	13
		8	4	12.4	12.8	12.29	13
		8	7	12.76	12.66	12.48	13
		15	0	12.59	12.62	12.64	13
	64QAM	1	0	12.85	12.66	12.54	13
		1	7	12.41	12.32	12.49	13
		1	14	12.75	12.68	12.61	13
		8	0	12.59	12.54	12.39	13
		8	4	12.27	12.18	12.22	13
		8	7	12.52	12.72	12.47	13
		15	0	12.38	12.59	12.58	13
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	12.85	12.78	12.63	13
		1	13	12.78	12.71	12.66	13
		1	24	12.68	12.71	12.66	13
		12	0	12.82	12.71	12.58	13
		12	6	12.73	12.7	12.65	13
		12	13	12.75	12.68	12.62	13
		25	0	12.85	12.72	12.58	13
	16QAM	1	0	12.54	12.52	12.56	13
		1	13	12.95	12.91	12.55	13
		1	24	12.97	12.99	12.85	13
		12	0	12.86	12.76	12.53	13
		12	6	12.86	12.55	12.58	13
		12	13	12.84	12.78	12.65	13
		25	0	12.8	12.69	12.5	13
	64QAM	1	0	12.81	12.64	12.51	13
		1	13	12.49	12.37	12.54	13
		1	24	12.73	12.69	12.59	13
		12	0	12.56	12.58	12.31	13
		12	6	12.19	12.25	12.21	13
		12	13	12.51	12.66	12.46	13
		25	0	12.43	12.53	12.62	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	12.85	12.64	12.67	13
		1	25	12.53	12.13	11.77	13
		1	49	12.76	12.6	12.56	13
		25	0	12.75	12.63	12.73	13
		25	13	12.66	12.55	12.64	13
		25	25	12.78	12.6	12.6	13
		50	0	12.86	12.72	12.57	13
	16QAM	1	0	12.95	12.93	12.9	13
		1	25	12.91	12.85	12.94	13
		1	49	12.81	12.79	12.76	13
		25	0	12.72	12.74	12.54	13
		25	13	12.57	12.66	12.57	13
		25	25	12.72	12.51	12.59	13
		50	0	12.65	12.57	12.58	13
	64QAM	1	0	12.82	12.61	12.57	13
		1	25	12.47	12.33	12.46	13
		1	49	12.77	12.6	12.6	13
		25	0	12.53	12.6	12.37	13
		25	13	12.2	12.17	12.21	13
		25	25	12.56	12.75	12.49	13
		50	0	12.4	12.56	12.62	13

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	12.71	12.53	12.75	13
		1	38	12.85	12.79	12.73	13
		1	74	12.72	12.62	12.43	13
		36	0	12.89	12.74	12.67	13
		36	18	12.8	12.84	12.67	13
		36	39	12.76	12.7	12.64	13
		75	0	12.83	12.64	12.66	13
	16QAM	1	0	12.99	12.73	12.81	13
		1	38	12.89	12.55	12.91	13
		1	74	12.82	12.47	12.63	13
		36	0	12.7	12.67	12.59	13
		36	18	12.61	12.61	12.65	13
		36	39	12.52	12.58	12.63	13
		75	0	12.76	12.6	12.57	13
	64QAM	1	0	12.84	12.61	12.56	13
		1	38	12.42	12.32	12.5	13
		1	74	12.8	12.6	12.62	13
		36	0	12.61	12.6	12.32	13
		36	18	12.23	12.24	12.27	13
		36	39	12.56	12.73	12.48	13
		75	0	12.37	12.6	12.61	13

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	12.97	12.88	12.75	13
		1	50	12.76	12.86	12.43	13
		1	99	12.64	12.67	12.63	13
		50	0	12.8	12.73	12.68	13
		50	25	12.85	12.7	12.5	13
		50	50	12.71	12.65	12.59	13
		100	0	12.71	12.69	12.69	13
	16QAM	1	0	12.89	12.91	12.92	13
		1	50	12.84	12.86	12.72	13
		1	99	12.82	12.94	12.78	13
		50	0	12.76	12.64	12.6	13
		50	25	12.51	12.58	12.64	13
		50	50	12.49	12.63	12.54	13
		100	0	12.65	12.64	12.63	13
	64QAM	1	0	12.82	12.67	12.56	13
		1	50	12.5	12.33	12.53	13
		1	99	12.76	12.62	12.6	13
		50	0	12.57	12.61	12.37	13
		50	25	12.23	12.2	12.22	13
		50	50	12.53	12.72	12.49	13
		100	0	12.43	12.6	12.54	13

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LTE Band 4 Receiver off（body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	16.26	16.32	16.14	16.5
		1	2	16.37	16.19	16.24	16.5
		1	5	16.27	15.96	15.99	16.5
		3	0	16.23	15.65	15.98	16.5
		3	2	16.15	16.31	15.68	16.5
		3	3	15.88	16.29	15.95	16.5
		6	0	16.25	16.11	15.97	16.5
	16QAM	1	0	16.38	16.14	16	16.5
		1	2	16.06	16.2	15.53	16.5
		1	5	16.32	16.23	16.35	16.5
		3	0	16.44	15.95	16.16	16.5
		3	2	15.79	16.2	16.37	16.5
		3	3	16.38	16.39	16.27	16.5
		6	0	16.46	16.18	16.12	16.5
	64QAM	1	0	16.25	16.1	16.05	16.5
		1	2	15.96	15.79	15.98	16.5
		1	5	16.18	16.1	16.09	16.5
		3	0	16.02	16.08	15.78	16.5
		3	2	15.72	15.63	15.65	16.5
		3	3	16.03	16.21	15.98	16.5
		6	0	15.84	16.09	15.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	16.48	16.19	16.16	16.5
		1	7	16.32	15.7	14.23	16.5
		1	14	16.24	16.17	16.12	16.5
		8	0	16.16	15.83	16.12	16.5
		8	4	16.21	16.36	16.15	16.5
		8	7	16.17	16.23	16	16.5
		15	0	16.29	16.14	16.2	16.5
	16QAM	1	0	16.34	16.41	16.37	16.5
		1	7	16.42	15.43	16.28	16.5
		1	14	16.33	16.36	15.9	16.5
		8	0	16.15	16.43	15.92	16.5
		8	4	16.03	16.2	15.53	16.5
		8	7	16.25	16.11	16.06	16.5
		15	0	16.36	16.2	16.19	16.5
	64QAM	1	0	16.25	16.11	16.03	16.5
		1	7	15.96	15.75	15.95	16.5
		1	14	16.24	16.07	16.07	16.5
		8	0	15.99	16.09	15.84	16.5
		8	4	15.68	15.69	15.65	16.5
		8	7	15.97	16.22	15.92	16.5
		15	0	15.85	16.05	15.99	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	16.33	16.01	16.18	16.5
		1	13	16.17	16.23	16.17	16.5
		1	24	16.26	16.3	16.14	16.5
		12	0	16.36	16.3	16.13	16.5
		12	6	16.42	16.29	16.2	16.5
		12	13	16.28	16.3	16.18	16.5
		25	0	16.44	16.22	16.13	16.5
	16QAM	1	0	16.34	16.38	16.34	16.5
		1	13	16.34	16.41	16.42	16.5
		1	24	16.02	15.89	15.88	16.5
		12	0	16.42	16.24	16.11	16.5
		12	6	16.41	16.49	16.25	16.5
		12	13	16.26	16.07	16	16.5
		25	0	16.19	16.29	16.04	16.5
	64QAM	1	0	16.3	16.13	15.99	16.5
		1	13	15.93	15.8	16	16.5
		1	24	16.25	16.05	16.08	16.5
		12	0	15.98	16.02	15.85	16.5
		12	6	15.71	15.66	15.68	16.5
		12	13	15.99	16.16	15.99	16.5
		25	0	15.9	16.03	16.01	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	16.39	16.05	16.34	16.5
		1	25	15.51	15.66	15.73	16.5
		1	49	16.23	16.09	16.19	16.5
		25	0	16.33	16.23	16.24	16.5
		25	13	16.2	16.28	16.18	16.5
		25	25	16.36	16.21	16.15	16.5
		50	0	16.34	16.22	16.19	16.5
	16QAM	1	0	16.35	16.32	16.3	16.5
		1	25	16.21	15.8	16.31	16.5
		1	49	16.26	16.22	16.23	16.5
		25	0	16.31	16.11	16.1	16.5
		25	13	16.17	16.17	16.17	16.5
		25	25	16.18	16.07	16.09	16.5
		50	0	16.22	16.07	16.12	16.5
	64QAM	1	0	16.29	16.17	15.96	16.5
		1	25	15.98	15.75	15.96	16.5
		1	49	16.21	16.06	16.04	16.5
		25	0	16.07	16.1	15.83	16.5
		25	13	15.69	15.67	15.63	16.5
		25	25	15.99	16.19	15.96	16.5
		50	0	15.86	16.09	15.95	16.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	16.22	16.33	16.23	16.5
		1	38	16.3	16.34	16.01	16.5
		1	74	16.25	15.89	16.04	16.5
		36	0	16.28	16.32	16.32	16.5
		36	18	16.32	16.21	16.24	16.5
		36	39	16.27	16.17	16.19	16.5
		75	0	16.23	16.25	16.1	16.5
	16QAM	1	0	16.37	16.23	16.32	16.5
		1	38	16.24	16.39	15.98	16.5
		1	74	16.25	15.93	16.19	16.5
		36	0	16.17	16.19	16.09	16.5
		36	18	16.21	16.11	16.05	16.5
		36	39	16.24	16.15	16.16	16.5
		75	0	16.13	16.12	16.16	16.5
	64QAM	1	0	16.28	16.08	16.01	16.5
		1	38	15.91	15.8	15.98	16.5
		1	74	16.24	16.11	16.06	16.5
		36	0	16.03	16.05	15.8	16.5
		36	18	15.73	15.69	15.68	16.5
		36	39	16.02	16.19	15.92	16.5
		75	0	15.88	16.04	15.97	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	16.4	16.41	16.25	16.5
		1	50	15.65	15.36	16.36	16.5
		1	99	16.16	15.99	16.18	16.5
		50	0	16.4	16.23	16.14	16.5
		50	25	16.31	16.19	16.16	16.5
		50	50	16.2	16.2	16.08	16.5
		100	0	16.27	16.12	16.16	16.5
	16QAM	1	0	16.33	16.31	16.38	16.5
		1	50	16.44	15.49	15.81	16.5
		1	99	16.38	16.41	16.3	16.5
		50	0	16.13	16.13	16.09	16.5
		50	25	16.14	16.16	16.12	16.5
		50	50	16.13	16.09	16.01	16.5
		100	0	16.25	16.07	16.1	16.5
	64QAM	1	0	16.31	16.17	15.97	16.5
		1	50	15.91	15.77	15.99	16.5
		1	99	16.22	16.06	16.08	16.5
		50	0	16.03	16.01	15.78	16.5
		50	25	15.65	15.6	15.64	16.5
		50	50	15.98	16.15	15.93	16.5
		100	0	15.9	16.1	15.99	16.5

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LTE Band 4 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.36	17.18	17.14	17.5
		1	2	15.83	16.82	16.39	17.5
		1	5	17.25	17.25	17.11	17.5
		3	0	16.92	16.82	17.03	17.5
		3	2	17.38	16.57	17.16	17.5
		3	3	17.2	17.23	17.09	17.5
		6	0	16.82	17.37	17.14	17.5
	16QAM	1	0	17.44	17.39	17.35	17.5
		1	2	17.27	17.16	16.89	17.5
		1	5	17.31	17.46	17.04	17.5
		3	0	17.41	17.39	17.07	17.5
		3	2	17.31	17.37	17.48	17.5
		3	3	17.28	17.24	17.23	17.5
		6	0	16.69	16.98	17.01	17.5
	64QAM	1	0	17.34	17.19	16.93	17.5
		1	2	16.87	16.85	16.96	17.5
		1	5	17.26	17.11	17.14	17.5
		3	0	17.04	17.05	16.9	17.5
		3	2	16.8	16.73	16.69	17.5
		3	3	17.12	17.22	17.02	17.5
		6	0	16.89	17.06	17.07	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.44	17.2	17.19	17.5
		1	7	16.46	16.46	17.47	17.5
		1	14	17.34	17.2	17.14	17.5
		8	0	17.27	17.22	17.25	17.5
		8	4	17.05	17.05	16.73	17.5
		8	7	17.21	17.35	17.09	17.5
		15	0	17.24	17.23	17.11	17.5
	16QAM	1	0	17.44	17.39	17.47	17.5
		1	7	17.01	16.6	16.09	17.5
		1	14	17.44	17.41	17.43	17.5
		8	0	17.27	17.08	17.16	17.5
		8	4	17.28	17.31	17.3	17.5
		8	7	17.23	17.24	16.79	17.5
		15	0	17.37	17.19	17.01	17.5
	64QAM	1	0	17.39	17.14	16.86	17.5
		1	7	16.8	16.85	16.95	17.5
		1	14	17.29	17.06	17.15	17.5
		8	0	17.07	17.01	16.88	17.5
		8	4	16.82	16.75	16.69	17.5
		8	7	17.11	17.23	17.01	17.5
		15	0	16.93	17.01	17.11	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.45	17.17	17.16	17.5
		1	13	17.16	17.12	17.05	17.5
		1	24	17.19	17.29	17.14	17.5
		12	0	17.29	17.19	17.18	17.5
		12	6	17.33	17.31	17.16	17.5
		12	13	17.29	17.32	17.2	17.5
		25	0	17.32	17.37	17.16	17.5
	16QAM	1	0	17.38	17.3	17.25	17.5
		1	13	17.36	17.37	17.36	17.5
		1	24	17.31	17.29	17.32	17.5
		12	0	17.44	17.3	17.17	17.5
		12	6	17.35	17.16	17.12	17.5
		12	13	17.35	17.29	17.11	17.5
		25	0	17.23	17.21	17.09	17.5
	64QAM	1	0	17.36	17.19	16.9	17.5
		1	13	16.81	16.84	16.95	17.5
		1	24	17.23	17.06	17.17	17.5
		12	0	17.02	17.03	16.88	17.5
		12	6	16.8	16.74	16.65	17.5
		12	13	17.1	17.18	16.99	17.5
		25	0	16.89	17.04	17.1	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.33	17.26	17.18	17.5
		1	25	17.04	16.91	17.12	17.5
		1	49	17.21	17.19	16.96	17.5
		25	0	17.28	17.18	17.12	17.5
		25	13	17.22	17.2	17.17	17.5
		25	25	17.18	17.17	17.11	17.5
		50	0	17.28	17.17	17.17	17.5
	16QAM	1	0	17.36	17.39	17.31	17.5
		1	25	17.33	17.01	17.08	17.5
		1	49	17.49	16.44	17.3	17.5
		25	0	17.21	17.17	17.12	17.5
		25	13	17.08	17.2	17.16	17.5
		25	25	17.2	17.16	17.23	17.5
		50	0	17.36	17.12	17.1	17.5
	64QAM	1	0	17.33	17.2	16.89	17.5
		1	25	16.85	16.78	16.91	17.5
		1	49	17.3	17.05	17.14	17.5
		25	0	17	16.99	16.91	17.5
		25	13	16.75	16.76	16.61	17.5
		25	25	17.14	17.22	16.98	17.5
		50	0	16.92	17.06	17.15	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	17.33	17.34	17.02	17.5
		1	38	17.46	17.37	17.29	17.5
		1	74	17.19	17.07	17.08	17.5
		36	0	17.28	17.22	17.14	17.5
		36	18	17.3	17.25	17.28	17.5
		36	39	17.23	17.23	17.09	17.5
		75	0	17.29	17.27	17.16	17.5
	16QAM	1	0	17.29	17.13	17.33	17.5
		1	38	17.31	17.33	17.35	17.5
		1	74	17.23	17.26	17.29	17.5
		36	0	17.36	17.19	17.15	17.5
		36	18	17.14	17.2	17.18	17.5
		36	39	17.31	17.17	17.04	17.5
		75	0	17.22	17.21	17.1	17.5
	64QAM	1	0	17.4	17.17	16.94	17.5
		1	38	16.81	16.83	16.9	17.5
		1	74	17.3	17.11	17.17	17.5
		36	0	17.07	16.98	16.86	17.5
		36	18	16.75	16.71	16.69	17.5
		36	39	17.09	17.16	16.97	17.5
		75	0	16.88	17.03	17.15	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	17.35	17.47	17.23	17.5
		1	50	16.66	16.78	16.37	17.5
		1	99	17.33	17.14	17.09	17.5
		50	0	17.36	17.24	17.25	17.5
		50	25	17.3	17.19	17.13	17.5
		50	50	17.22	17.2	17.2	17.5
		100	0	17.32	17.28	17.27	17.5
	16QAM	1	0	17.39	17.37	17.32	17.5
		1	50	17.24	17.27	17.22	17.5
		1	99	17.28	17.33	17.23	17.5
		50	0	17.24	17.14	17.19	17.5
		50	25	17.26	17.19	17.11	17.5
		50	50	17.14	17.09	17.03	17.5
		100	0	17.24	17.13	17.1	17.5
	64QAM	1	0	17.31	17.18	16.95	17.5
		1	50	16.85	16.86	17	17.5
		1	99	17.29	17.14	17.16	17.5
		50	0	17.03	17.03	16.85	17.5
		50	25	16.75	16.69	16.69	17.5
		50	50	17.1	17.2	16.94	17.5
		100	0	16.86	17.03	17.09	17.5

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LTE Band 4 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	14.91	14.77	14.45	15
		1	2	13.89	14.66	13.88	15
		1	5	14.84	14.74	14.62	15
		3	0	14.65	14.86	14.47	15
		3	2	13.94	14.48	14.12	15
		3	3	14.97	14.64	14.66	15
		6	0	14.35	14.49	14.16	15
	16QAM	1	0	14.89	14.87	14.92	15
		1	2	14.96	13.83	14.92	15
		1	5	14.54	14.49	14.73	15
		3	0	14.52	14.66	14.46	15
		3	2	14.85	14.62	14.39	15
		3	3	14.59	14.58	14.21	15
		6	0	14.41	14.93	14.55	15
	64QAM	1	0	14.8	14.6	14.42	15
		1	2	14.34	14.31	14.47	15
		1	5	14.71	14.58	14.61	15
		3	0	14.52	14.46	14.34	15
		3	2	14.23	14.12	14.17	15
		3	3	14.54	14.67	14.43	15
		6	0	14.35	14.46	14.55	15

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	14.93	14.73	14.63	15
		1	7	13.37	14.29	14.16	15
		1	14	14.76	14.82	14.54	15
		8	0	14.81	14.76	14.68	15
		8	4	14.73	14.6	14.64	15
		8	7	14.65	14.78	14.53	15
		15	0	14.76	14.86	14.62	15
	16QAM	1	0	14.95	14.93	14.97	15
		1	7	14.58	14.81	13.79	15
		1	14	14.88	14.87	14.93	15
		8	0	14.58	14.76	14.69	15
		8	4	14.5	14.74	14.51	15
		8	7	14.73	14.42	14.5	15
		15	0	14.72	14.6	14.77	15
	64QAM	1	0	14.79	14.67	14.4	15
		1	7	14.3	14.33	14.45	15
		1	14	14.72	14.62	14.64	15
		8	0	14.47	14.46	14.29	15
		8	4	14.2	14.12	14.17	15
		8	7	14.56	14.69	14.41	15
		15	0	14.31	14.48	14.52	15
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	14.94	14.57	14.62	15
		1	13	14.87	14.72	14.53	15
		1	24	14.66	14.74	14.52	15
		12	0	14.81	14.72	14.61	15
		12	6	14.8	14.69	14.7	15
		12	13	14.73	14.74	14.68	15
		25	0	14.66	14.7	14.6	15
	16QAM	1	0	14.83	14.85	14.99	15
		1	13	14.78	14.5	14.85	15
		1	24	14.74	14.69	14.63	15
		12	0	14.7	14.84	14.54	15
		12	6	14.66	14.55	14.58	15
		12	13	14.71	14.74	14.56	15
		25	0	14.74	14.6	14.46	15
	64QAM	1	0	14.8	14.66	14.44	15
		1	13	14.31	14.35	14.49	15
		1	24	14.77	14.59	14.63	15
		12	0	14.52	14.48	14.33	15
		12	6	14.19	14.17	14.16	15
		12	13	14.59	14.7	14.36	15
		25	0	14.35	14.5	14.53	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	14.92	14.66	14.72	15
		1	25	14.03	14.2	14.58	15
		1	49	14.87	14.51	14.52	15
		25	0	14.81	14.7	14.67	15
		25	13	14.8	14.66	14.61	15
		25	25	14.77	14.72	14.72	15
		50	0	14.84	14.7	14.6	15
	16QAM	1	0	14.92	14.96	14.94	15
		1	25	14.64	13.92	14.83	15
		1	49	14.87	14.89	14.85	15
		25	0	14.77	14.65	14.54	15
		25	13	14.65	14.7	14.58	15
		25	25	14.72	14.61	14.55	15
		50	0	14.69	14.56	14.59	15
	64QAM	1	0	14.77	14.65	14.42	15
		1	25	14.29	14.29	14.49	15
		1	49	14.73	14.64	14.65	15
		25	0	14.49	14.48	14.34	15
		25	13	14.23	14.11	14.13	15
		25	25	14.58	14.68	14.41	15
		50	0	14.35	14.47	14.55	15

Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.83	14.72	14.6	15
		1	38	14.94	14.81	14.74	15
		1	74	14.66	14.64	14.5	15
		36	0	14.85	14.78	14.73	15
		36	18	14.84	14.68	14.77	15
		36	39	14.69	14.65	14.59	15
		75	0	14.69	14.68	14.64	15
	16QAM	1	0	14.93	14.89	14.91	15
		1	38	14.86	14.84	14.9	15
		1	74	14.84	14.78	14.64	15
		36	0	14.71	14.73	14.48	15
		36	18	14.73	14.63	14.63	15
		36	39	14.64	14.71	14.58	15
		75	0	14.64	14.46	14.61	15
	64QAM	1	0	14.79	14.61	14.43	15
		1	38	14.31	14.34	14.43	15
		1	74	14.79	14.61	14.61	15
		36	0	14.52	14.5	14.28	15
		36	18	14.2	14.12	14.15	15
		36	39	14.56	14.66	14.4	15
		75	0	14.34	14.49	14.56	15

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	14.97	14.97	14.82	15
		1	50	14.32	14.54	14.98	15
		1	99	14.68	14.64	14.68	15
		50	0	14.81	14.75	14.62	15
		50	25	14.77	14.63	14.61	15
		50	50	14.76	14.6	14.67	15
		100	0	14.71	14.74	14.63	15
	16QAM	1	0	14.93	14.91	14.89	15
		1	50	14.94	14.98	14.88	15
		1	99	14.88	14.92	14.9	15
		50	0	14.76	14.73	14.65	15
		50	25	14.59	14.65	14.63	15
		50	50	14.57	14.56	14.51	15
		100	0	14.7	14.54	14.55	15
	64QAM	1	0	14.78	14.66	14.37	15
		1	50	14.31	14.35	14.48	15
		1	99	14.76	14.63	14.65	15
		50	0	14.49	14.5	14.3	15
		50	25	14.22	14.18	14.15	15
		50	50	14.57	14.63	14.39	15
		100	0	14.33	14.52	14.57	15

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LTE Band 4 Receiver off (body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.45	18.33	18.19	18.5
		1	2	17.93	17.77	17.48	18.5
		1	5	18.39	18.34	18.17	18.5
		3	0	18.08	18.16	18.02	18.5
		3	2	17.76	18.28	18.16	18.5
		3	3	18.26	17.54	18.09	18.5
		6	0	18.25	18.14	18.23	18.5
	16QAM	1	0	18.35	18.46	18.33	18.5
		1	2	18.37	18.12	18.48	18.5
		1	5	18.36	17.78	18.47	18.5
		3	0	18.3	18.32	18.12	18.5
		3	2	17.77	18.02	17.35	18.5
		3	3	18.22	18.22	18.06	18.5
		6	0	18.28	18.22	18.02	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	2	17.92	17.85	18	18.5
		1	5	18.28	18.13	18.13	18.5
		3	0	18.06	18.02	17.9	18.5
		3	2	17.77	17.71	17.71	18.5
		3	3	18.07	18.19	17.97	18.5
		6	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.27	18.09	18.07	18.5
		1	7	17.63	17.5	18.27	18.5
		1	14	18.23	18.15	18.07	18.5
		8	0	18.31	18.13	18.25	18.5
		8	4	17.86	17.96	18.09	18.5
		8	7	18.27	18.29	18.41	18.5
		15	0	18.35	18.18	18.12	18.5
	16QAM	1	0	18.37	18.33	18.39	18.5
		1	7	18.17	17.72	18.34	18.5
		1	14	18.34	18.3	18.14	18.5
		8	0	18.29	18.14	17.8	18.5
		8	4	18.17	18.26	17.94	18.5
		8	7	18.21	18.06	18.19	18.5
		15	0	18.3	18.2	17.95	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	7	17.92	17.85	18	18.5
		1	14	18.28	18.13	18.13	18.5
		8	0	18.06	18.02	17.9	18.5
		8	4	17.77	17.71	17.71	18.5
		8	7	18.07	18.19	17.97	18.5
		15	0	17.86	18.03	18.08	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.23	18.21	18.04	18.5
		1	13	18.39	18.39	18.11	18.5
		1	24	18.13	18.13	18.04	18.5
		12	0	18.36	18.32	18.18	18.5
		12	6	18.33	18.16	18.12	18.5
		12	13	18.25	18.32	18.1	18.5
		25	0	18.27	18.23	18.12	18.5
	16QAM	1	0	18.35	18.37	18.31	18.5
		1	13	18.29	18.32	18.17	18.5
		1	24	18.32	18.3	18.15	18.5
		12	0	18.4	18.25	18.23	18.5
		12	6	18.19	18.2	18.23	18.5
		12	13	18.2	18.2	18.14	18.5
		25	0	18.29	18.22	18.02	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	13	17.92	17.85	18	18.5
		1	24	18.28	18.13	18.13	18.5
		12	0	18.06	18.02	17.9	18.5
		12	6	17.77	17.71	17.71	18.5
		12	13	18.07	18.19	17.97	18.5
		25	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.25	18.33	18.35	18.5
		1	25	18.17	18.16	18.21	18.5
		1	49	18.14	18.11	18.04	18.5
		25	0	18.35	18.21	18.25	18.5
		25	13	18.21	18.25	18.24	18.5
		25	25	18.21	18.26	18.16	18.5
		50	0	18.22	18.3	18.12	18.5
	16QAM	1	0	18.2	18.36	18.38	18.5
		1	25	18.39	18.41	18.34	18.5
		1	49	18.37	18.36	18.21	18.5
		25	0	18.15	18.23	18.08	18.5
		25	13	18.15	18.29	18.15	18.5
		25	25	18.35	18.22	18.06	18.5
		50	0	18.12	18.15	18.1	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	25	17.92	17.85	18	18.5
		1	49	18.28	18.13	18.13	18.5
		25	0	18.06	18.02	17.9	18.5
		25	13	17.77	17.71	17.71	18.5
		25	25	18.07	18.19	17.97	18.5
		50	0	17.86	18.03	18.08	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.06	18.32	18.2	18.5
		1	38	18.06	17.94	17.94	18.5
		1	74	18.19	17.95	17.85	18.5
		36	0	18.29	18.19	18.22	18.5
		36	18	18.21	18.22	18.26	18.5
		36	39	18.17	18.19	18.18	18.5
		75	0	18.34	18.22	18.12	18.5
	16QAM	1	0	18.48	18.31	18.39	18.5
		1	38	18.38	18.28	18.25	18.5
		1	74	18.39	18.33	18.36	18.5
		36	0	18.19	18.23	18.16	18.5
		36	18	18.12	18.18	18.07	18.5
		36	39	18.26	18.15	18.09	18.5
		75	0	18.14	18.06	18.1	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	38	17.92	17.85	18	18.5
		1	74	18.28	18.13	18.13	18.5
		36	0	18.06	18.02	17.9	18.5
		36	18	17.77	17.71	17.71	18.5
		36	39	18.07	18.19	17.97	18.5
		75	0	17.86	18.03	18.08	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.35	18.38	18.33	18.5
		1	50	18.44	18.41	18.08	18.5
		1	99	18.28	18.28	18.06	18.5
		50	0	18.36	18.21	18.21	18.5
		50	25	18.21	18.26	18.22	18.5
		50	50	18.25	18.26	18.15	18.5
		100	0	18.32	18.19	18.22	18.5
	16QAM	1	0	18.22	18.33	18.38	18.5
		1	50	18.01	17.67	17.65	18.5
		1	99	18.42	18.42	18.45	18.5
		50	0	18.27	18.17	18.14	18.5
		50	25	18.13	18.26	18.12	18.5
		50	50	18.13	18.1	18.08	18.5
		100	0	18.24	18.1	18.15	18.5
	64QAM	1	0	18.32	18.16	18.02	18.5
		1	50	17.92	17.85	18	18.5
		1	99	18.28	18.13	18.13	18.5
		50	0	18.06	18.02	17.9	18.5
		50	25	17.77	17.71	17.71	18.5
		50	50	18.07	18.19	17.97	18.5
		100	0	17.86	18.03	18.08	18.5

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LTE Band 5 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	19.67	19.68	19.56	20.5
		1	2	19.3	18.94	19.34	20.5
		1	5	19.71	19.64	19.56	20.5
		3	0	19.68	19.59	19.48	20.5
		3	2	19.53	19.6	19.38	20.5
		3	3	19.51	19.5	19.46	20.5
		6	0	19.69	19.55	19.51	20.5
	16QAM	1	0	19.99	19.92	19.76	20.5
		1	2	19.76	19.7	19.69	20.5
		1	5	19.9	19.83	19.78	20.5
		3	0	19.52	19.54	19.54	20.5
		3	2	19.53	19.56	19.4	20.5
		3	3	19.65	19.6	19.49	20.5
		6	0	19.54	19.59	19.53	20.5
	64QAM	1	0	19.81	19.65	19.77	20.5
		1	2	19.4	19.43	19.5	20.5
		1	5	19.82	19.61	19.57	20.5
		3	0	19.59	19.59	19.54	20.5
		3	2	19.59	19.54	19.48	20.5
		3	3	19.56	19.53	19.52	20.5
		6	0	19.51	19.59	19.42	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	19.72	19.65	19.56	20.5
		1	7	19.47	19.35	18.92	20.5
		1	14	19.63	19.66	19.54	20.5
		8	0	19.66	19.56	19.53	20.5
		8	4	19.59	19.56	19.5	20.5
		8	7	19.64	19.56	19.56	20.5
		15	0	19.58	19.62	19.53	20.5
	16QAM	1	0	19.98	19.87	19.84	20.5
		1	7	19.5	19.75	19.68	20.5
		1	14	19.89	19.93	19.85	20.5
		8	0	19.61	19.59	19.51	20.5
		8	4	19.55	19.59	19.57	20.5
		8	7	19.6	19.57	19.53	20.5
		15	0	19.54	19.63	19.56	20.5
	64QAM	1	0	19.84	19.63	19.79	20.5
		1	7	19.49	19.4	19.46	20.5
		1	14	19.79	19.63	19.62	20.5
		8	0	19.54	19.5	19.52	20.5
		8	4	19.64	19.62	19.43	20.5
		8	7	19.55	19.55	19.52	20.5
		15	0	19.55	19.56	19.46	20.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	19.71	19.63	19.62	20.5
		1	13	19.63	19.64	19.54	20.5
		1	24	19.65	19.62	19.59	20.5
		12	0	19.65	19.68	19.67	20.5
		12	6	19.59	19.61	19.53	20.5
		12	13	19.71	19.71	19.65	20.5
		25	0	19.65	19.6	19.62	20.5
	16QAM	1	0	19.98	19.92	19.89	20.5
		1	13	19.92	19.88	19.84	20.5
		1	24	19.91	19.87	19.77	20.5
		12	0	19.63	19.66	19.63	20.5
		12	6	19.56	19.56	19.52	20.5
		12	13	19.67	19.66	19.55	20.5
		25	0	19.59	19.61	19.57	20.5
	64QAM	1	0	19.82	19.6	19.83	20.5
		1	13	19.4	19.38	19.43	20.5
		1	24	19.75	19.68	19.66	20.5
		12	0	19.59	19.59	19.54	20.5
		12	6	19.53	19.62	19.48	20.5
		12	13	19.56	19.55	19.47	20.5
		25	0	19.57	19.59	19.49	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	19.66	19.61	19.6	20.5
		1	25	19.35	19.48	19.45	20.5
		1	49	19.66	19.61	19.57	20.5
		25	0	19.64	19.61	19.6	20.5
		25	13	19.62	19.63	19.59	20.5
		25	25	19.69	19.6	19.62	20.5
		50	0	19.65	19.66	19.59	20.5
	16QAM	1	0	19.93	19.88	19.92	20.5
		1	25	19.55	19.52	19.6	20.5
		1	49	19.77	19.94	19.85	20.5
		25	0	19.61	19.58	19.58	20.5
		25	13	19.62	19.63	19.57	20.5
		25	25	19.56	19.59	19.55	20.5
		50	0	19.58	19.59	19.52	20.5
	64QAM	1	0	19.91	19.7	19.86	20.5
		1	25	19.5	19.47	19.51	20.5
		1	49	19.87	19.7	19.67	20.5
		25	0	19.65	19.62	19.6	20.5
		25	13	19.64	19.65	19.53	20.5
		25	25	19.62	19.58	19.53	20.5
		50	0	19.62	19.62	19.52	20.5

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LTE Band 5 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	19.75	19.67	19.59	20.5
		1	2	19.44	19.3	18.94	20.5
		1	5	19.71	19.59	19.57	20.5
		3	0	19.69	19.59	19.48	20.5
		3	2	19.45	19.5	19.4	20.5
		3	3	19.55	19.56	19.44	20.5
		6	0	19.56	19.57	19.45	20.5
	16QAM	1	0	19.94	19.8	19.78	20.5
		1	2	19.47	19.65	19.53	20.5
		1	5	19.9	19.88	19.91	20.5
		3	0	19.67	19.61	19.47	20.5
		3	2	19.46	19.54	19.41	20.5
		3	3	19.57	19.55	19.38	20.5
		6	0	19.64	19.54	19.44	20.5
	64QAM	1	0	19.81	19.65	19.77	20.5
		1	2	19.4	19.43	19.5	20.5
		1	5	19.82	19.61	19.57	20.5
		3	0	19.59	19.59	19.54	20.5
		3	2	19.59	19.54	19.48	20.5
		3	3	19.56	19.53	19.52	20.5
		6	0	19.51	19.59	19.42	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	19.68	19.61	19.53	20.5
		1	7	19.58	19.39	19.05	20.5
		1	14	19.63	19.59	19.58	20.5
		8	0	19.62	19.57	19.48	20.5
		8	4	19.57	19.59	19.53	20.5
		8	7	19.54	19.66	19.52	20.5
		15	0	19.63	19.64	19.54	20.5
	16QAM	1	0	19.95	19.92	19.86	20.5
		1	7	19.29	19.35	19.23	20.5
		1	14	19.96	19.93	19.92	20.5
		8	0	19.58	19.57	19.44	20.5
		8	4	19.56	19.61	19.34	20.5
		8	7	19.55	19.55	19.51	20.5
		15	0	19.57	19.55	19.5	20.5
	64QAM	1	0	19.84	19.63	19.79	20.5
		1	7	19.49	19.4	19.46	20.5
		1	14	19.79	19.63	19.62	20.5
		8	0	19.54	19.5	19.52	20.5
		8	4	19.64	19.62	19.43	20.5
		8	7	19.55	19.55	19.52	20.5
		15	0	19.55	19.56	19.46	20.5

Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	19.66	19.6	19.51	20.5
		1	13	19.61	19.57	19.52	20.5
		1	24	19.62	19.62	19.53	20.5
		12	0	19.66	19.63	19.64	20.5
		12	6	19.61	19.6	19.54	20.5
		12	13	19.66	19.65	19.62	20.5
		25	0	19.59	19.6	19.57	20.5
	16QAM	1	0	19.91	19.91	19.86	20.5
		1	13	19.88	19.92	19.89	20.5
		1	24	19.85	19.92	19.81	20.5
		12	0	19.68	19.65	19.61	20.5
		12	6	19.61	19.6	19.46	20.5
		12	13	19.63	19.63	19.6	20.5
		25	0	19.55	19.52	19.46	20.5
	64QAM	1	0	19.82	19.6	19.83	20.5
		1	13	19.4	19.38	19.43	20.5
		1	24	19.75	19.68	19.66	20.5
		12	0	19.59	19.59	19.54	20.5
		12	6	19.53	19.62	19.48	20.5
		12	13	19.56	19.55	19.47	20.5
		25	0	19.57	19.59	19.49	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	19.6	19.59	19.58	20.5
		1	25	19.36	19.37	19.4	20.5
		1	49	19.61	19.61	19.54	20.5
		25	0	19.61	19.61	19.59	20.5
		25	13	19.62	19.62	19.57	20.5
		25	25	19.59	19.62	19.59	20.5
		50	0	19.59	19.63	19.56	20.5
	16QAM	1	0	19.98	19.89	19.88	20.5
		1	25	19.72	19.65	19.77	20.5
		1	49	19.88	19.91	19.97	20.5
		25	0	19.54	19.53	19.53	20.5
		25	13	19.55	19.54	19.51	20.5
		25	25	19.54	19.53	19.53	20.5
		50	0	19.55	19.58	19.5	20.5
	64QAM	1	0	19.91	19.83	19.66	20.5
		1	25	19.63	19.6	19.36	20.5
		1	49	19.79	19.7	19.72	20.5
		25	0	19.64	19.59	19.6	20.5
		25	13	19.63	19.6	19.53	20.5
		25	25	19.62	19.6	19.53	20.5
		50	0	19.62	19.59	19.55	20.5

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LTE Band 5 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.67	23.59	23.53	24.5
		1	2	23.36	23.25	23.12	24.5
		1	5	23.64	23.6	23.53	24.5
		3	0	23.63	23.5	23.36	24.5
		3	2	23.41	23.46	23.33	24.5
		3	3	23.47	23.52	23.33	24.5
		6	0	22.05	21.97	21.88	23.5
	16QAM	1	0	22.4	22.29	22.18	23.5
		1	2	21.93	21.8	21.94	23.5
		1	5	22.28	22.29	22.22	23.5
		3	0	22.02	22.06	21.93	23.5
		3	2	22.11	21.93	21.88	23.5
		3	3	22.05	22.1	21.95	23.5
		6	0	21.1	20.92	20.97	22.5
	64QAM	1	0	21.87	21.83	21.78	22.5
		1	2	21.57	21.56	21.34	22.5
		1	5	21.77	21.68	21.66	22.5
		3	0	21.84	21.83	21.75	22.5
		3	2	21.54	21.56	21.3	22.5
		3	3	21.77	21.67	21.62	22.5
		6	0	20.59	20.5	20.5	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.74	23.59	23.57	24.5
		1	7	23.47	23.56	23.46	24.5
		1	14	23.66	23.64	23.46	24.5
		8	0	22.1	22.03	21.91	23.5
		8	4	21.96	21.97	21.81	23.5
		8	7	22	22.04	21.87	23.5
		15	0	22.09	22.06	22.01	23.5
	16QAM	1	0	22.43	22.39	22.16	23.5
		1	7	21.88	21.83	21.73	23.5
		1	14	22.38	22.4	22.29	23.5
		8	0	21.08	21.04	20.88	22.5
		8	4	21	20.96	20.82	22.5
		8	7	21.06	21.08	20.86	22.5
		15	0	21.04	21.04	20.85	22.5
	64QAM	1	0	21.89	21.81	21.79	22.5
		1	7	21.6	21.53	21.44	22.5
		1	14	21.74	21.69	21.68	22.5
		8	0	20.58	20.58	20.57	21.5
		8	4	20.55	20.58	20.43	21.5
		8	7	20.51	20.54	20.44	21.5
		15	0	20.55	20.59	20.45	21.5

Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.72	23.58	23.77	24.5
		1	13	23.65	23.65	23.58	24.5
		1	24	23.68	23.65	23.56	24.5
		12	0	22.16	22.14	22.09	23.5
		12	6	22	22.03	21.92	23.5
		12	13	22.15	22.1	22.03	23.5
		25	0	22.07	22.1	21.98	23.5
	16QAM	1	0	22.42	22.36	22.27	23.5
		1	13	22.35	22.31	22.26	23.5
		1	24	22.35	22.37	22.31	23.5
		12	0	21.14	21.11	21.1	22.5
		12	6	21.06	21.08	20.97	22.5
		12	13	21.14	21.1	21.03	22.5
		25	0	21.04	21.01	20.94	22.5
	64QAM	1	0	21.81	21.84	21.8	22.5
		1	13	21.64	21.55	21.39	22.5
		1	24	21.81	21.7	21.75	22.5
		12	0	20.56	20.54	20.53	21.5
		12	6	20.59	20.55	20.44	21.5
		12	13	20.49	20.52	20.44	21.5
		25	0	20.56	20.55	20.42	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.71	23.65	23.63	24.5
		1	25	23.57	23.43	23.47	24.5
		1	49	23.5	23.59	23.54	24.5
		25	0	22.13	22.08	22.09	23.5
		25	13	22.12	22.08	22.02	23.5
		25	25	22.1	22.06	22.04	23.5
		50	0	22.09	22.05	22.05	23.5
	16QAM	1	0	22.29	22.29	22.22	23.5
		1	25	22.26	22.19	22.12	23.5
		1	49	22.27	22.31	22.18	23.5
		25	0	21.04	21.02	21.03	22.5
		25	13	21.03	21.03	20.95	22.5
		25	25	20.98	20.99	20.94	22.5
		50	0	21.01	21.02	20.93	22.5
	64QAM	1	0	21.9	21.85	21.8	22.5
		1	25	21.64	21.57	21.44	22.5
		1	49	21.81	21.73	21.76	22.5
		25	0	20.66	20.61	20.58	21.5
		25	13	20.64	20.59	20.53	21.5
		25	25	20.58	20.6	20.52	21.5
		50	0	20.59	20.61	20.52	21.5

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LTE Band 5 Receiver off (body or limbs) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	20.62	20.51	20.4	21.5
		1	2	20.06	19.9	19.91	21.5
		1	5	20.56	20.5	20.4	21.5
		3	0	20.5	20.42	20.27	21.5
		3	2	20.51	20.26	20.22	21.5
		3	3	20.44	20.45	20.28	21.5
		6	0	20.45	20.52	20.27	21.5
	16QAM	1	0	20.85	20.81	20.69	21.5
		1	2	20.59	20.68	20.56	21.5
		1	5	20.73	20.82	20.69	21.5
		3	0	20.52	20.55	20.38	21.5
		3	2	20.31	20.31	20.36	21.5
		3	3	20.38	20.37	20.32	21.5
		6	0	20.42	20.5	20.38	21.5
	64QAM	1	0	20.88	20.77	20.65	21.5
		1	2	20.62	20.53	20.34	21.5
		1	5	20.75	20.67	20.64	21.5
		3	0	20.57	20.56	20.57	21.5
		3	2	20.62	20.54	20.47	21.5
		3	3	20.59	20.59	20.5	21.5
		6	0	20.53	20.51	20.48	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.56	20.5	20.4	21.5
		1	7	20.33	20.21	20.36	21.5
		1	14	20.5	20.47	20.44	21.5
		8	0	20.52	20.44	20.29	21.5
		8	4	20.46	20.39	20.33	21.5
		8	7	20.46	20.5	20.37	21.5
		15	0	20.5	20.5	20.38	21.5
	16QAM	1	0	20.82	20.8	20.75	21.5
		1	7	20.37	20.6	20.29	21.5
		1	14	20.78	20.76	20.75	21.5
		8	0	20.46	20.4	20.22	21.5
		8	4	20.36	20.4	20.32	21.5
		8	7	20.39	20.38	20.3	21.5
		15	0	20.44	20.42	20.38	21.5
	64QAM	1	0	20.9	20.81	20.65	21.5
		1	7	20.56	20.51	20.31	21.5
		1	14	20.75	20.61	20.62	21.5
		8	0	20.63	20.51	20.53	21.5
		8	4	20.62	20.56	20.51	21.5
		8	7	20.59	20.53	20.49	21.5
		15	0	20.59	20.52	20.55	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	20.58	20.49	20.36	21.5
		1	13	20.52	20.48	20.38	21.5
		1	24	20.54	20.51	20.41	21.5
		12	0	20.57	20.53	20.44	21.5
		12	6	20.46	20.51	20.3	21.5
		12	13	20.57	20.52	20.45	21.5
		25	0	20.49	20.44	20.43	21.5
	16QAM	1	0	20.97	20.71	20.69	21.5
		1	13	20.79	20.86	20.7	21.5
		1	24	20.81	20.75	20.81	21.5
		12	0	20.53	20.51	20.41	21.5
		12	6	20.48	20.47	20.29	21.5
		12	13	20.55	20.5	20.44	21.5
		25	0	20.44	20.45	20.34	21.5
	64QAM	1	0	20.82	20.78	20.6	21.5
		1	13	20.54	20.51	20.31	21.5
		1	24	20.72	20.66	20.65	21.5
		12	0	20.64	20.5	20.58	21.5
		12	6	20.63	20.55	20.47	21.5
		12	13	20.53	20.53	20.44	21.5
		25	0	20.53	20.51	20.5	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	20.58	20.5	20.42	21.5
		1	25	20.23	20.17	20.1	21.5
		1	49	20.43	20.41	20.39	21.5
		25	0	20.53	20.52	20.48	21.5
		25	13	20.51	20.46	20.42	21.5
		25	25	20.49	20.47	20.45	21.5
		50	0	20.49	20.49	20.41	21.5
	16QAM	1	0	20.86	20.77	20.77	21.5
		1	25	20.55	20.57	20.52	21.5
		1	49	20.86	20.8	20.8	21.5
		25	0	20.48	20.43	20.4	21.5
		25	13	20.42	20.45	20.34	21.5
		25	25	20.42	20.38	20.3	21.5
		50	0	20.44	20.38	20.37	21.5
	64QAM	1	0	20.87	20.76	20.64	21.5
		1	25	20.59	20.54	20.29	21.5
		1	49	20.73	20.68	20.66	21.5
		25	0	20.62	20.57	20.52	21.5
		25	13	20.62	20.52	20.49	21.5
		25	25	20.53	20.57	20.45	21.5
		50	0	20.62	20.55	20.47	21.5

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LTE Band 5 Receiver off (body or limbs) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	18.63	18.53	18.43	19.5
		1	2	18.28	18.05	18.09	19.5
		1	5	18.53	18.51	18.44	19.5
		3	0	18.53	18.36	18.41	19.5
		3	2	18.53	18.49	18.18	19.5
		3	3	18.45	18.23	18.18	19.5
		6	0	18.49	18.42	18.31	19.5
	16QAM	1	0	18.94	18.85	18.71	19.5
		1	2	18.77	18.8	18.83	19.5
		1	5	18.92	18.75	18.7	19.5
		3	0	18.67	18.58	18.57	19.5
		3	2	18.45	18.5	18.22	19.5
		3	3	18.48	18.45	18.3	19.5
		6	0	18.51	18.43	18.25	19.5
	64QAM	1	0	18.86	18.67	18.55	19.5
		1	2	18.57	18.49	18.28	19.5
		1	5	18.66	18.63	18.62	19.5
		3	0	18.61	18.54	18.47	19.5
		3	2	18.55	18.43	18.46	19.5
		3	3	18.43	18.5	18.4	19.5
		6	0	18.61	18.55	18.46	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	18.6	18.51	18.42	19.5
		1	7	18.11	18.13	18.25	19.5
		1	14	18.48	18.52	18.37	19.5
		8	0	18.55	18.47	18.31	19.5
		8	4	18.43	18.45	18.34	19.5
		8	7	18.47	18.38	18.39	19.5
		15	0	18.54	18.48	18.4	19.5
	16QAM	1	0	18.9	18.76	18.77	19.5
		1	7	18.45	18.34	18.16	19.5
		1	14	18.81	18.83	18.67	19.5
		8	0	18.49	18.46	18.36	19.5
		8	4	18.45	18.44	18.36	19.5
		8	7	18.41	18.47	18.36	19.5
		15	0	18.43	18.38	18.31	19.5
	64QAM	1	0	18.86	18.74	18.55	19.5
		1	7	18.52	18.51	18.25	19.5
		1	14	18.65	18.68	18.61	19.5
		8	0	18.55	18.53	18.51	19.5
		8	4	18.61	18.48	18.4	19.5
		8	7	18.51	18.5	18.35	19.5
		15	0	18.54	18.54	18.43	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	18.56	18.46	18.4	19.5
		1	13	18.55	18.53	18.43	19.5
		1	24	18.52	18.48	18.35	19.5
		12	0	18.57	18.55	18.53	19.5
		12	6	18.51	18.5	18.41	19.5
		12	13	18.55	18.56	18.46	19.5
		25	0	18.5	18.51	18.4	19.5
	16QAM	1	0	18.91	18.78	18.73	19.5
		1	13	18.79	18.76	18.69	19.5
		1	24	18.81	18.79	18.76	19.5
		12	0	18.49	18.51	18.43	19.5
		12	6	18.51	18.49	18.39	19.5
		12	13	18.55	18.5	18.42	19.5
		25	0	18.48	18.41	18.39	19.5
	64QAM	1	0	18.78	18.74	18.56	19.5
		1	13	18.58	18.54	18.28	19.5
		1	24	18.68	18.59	18.56	19.5
		12	0	18.62	18.5	18.5	19.5
		12	6	18.62	18.44	18.46	19.5
		12	13	18.48	18.47	18.4	19.5
		25	0	18.52	18.51	18.45	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	18.53	18.49	18.44	19.5
		1	25	18.1	18.09	18.14	19.5
		1	49	18.45	18.47	18.41	19.5
		25	0	18.56	18.51	18.49	19.5
		25	13	18.49	18.49	18.41	19.5
		25	25	18.48	18.47	18.44	19.5
		50	0	18.52	18.49	18.42	19.5
	16QAM	1	0	18.83	18.75	18.74	19.5
		1	25	18.48	18.67	18.39	19.5
		1	49	18.61	18.68	18.59	19.5
		25	0	18.48	18.45	18.4	19.5
		25	13	18.42	18.44	18.39	19.5
		25	25	18.44	18.42	18.38	19.5
		50	0	18.43	18.44	18.34	19.5
	64QAM	1	0	18.81	18.75	18.61	19.5
		1	25	18.51	18.54	18.21	19.5
		1	49	18.71	18.62	18.59	19.5
		25	0	18.54	18.47	18.48	19.5
		25	13	18.58	18.49	18.48	19.5
		25	25	18.5	18.5	18.36	19.5
		50	0	18.61	18.5	18.46	19.5

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LTE Band 5 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.47	16.45	16.4	17.5
		1	2	16.71	15.32	16.07	17.5
		1	5	16.48	16.43	16.28	17.5
		3	0	16.14	16.2	16.28	17.5
		3	2	16.41	16.41	15.9	17.5
		3	3	16.48	16.43	16.16	17.5
		6	0	16.45	16.25	16.36	17.5
	16QAM	1	0	16.87	16.58	16.85	17.5
		1	2	16.73	16.2	16.12	17.5
		1	5	16.73	16.7	16.61	17.5
		3	0	16.34	15.93	16.29	17.5
		3	2	16.4	15.46	16.15	17.5
		3	3	16.45	16.59	16.63	17.5
		6	0	16.58	16.01	16.35	17.5
	64QAM	1	0	16.79	16.73	16.53	17.5
		1	2	16.41	16.47	16.21	17.5
		1	5	16.67	16.6	16.57	17.5
		3	0	16.52	16.37	16.45	17.5
		3	2	16.5	16.44	16.42	17.5
		3	3	16.49	16.48	16.27	17.5
		6	0	16.53	16.49	16.41	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.52	16.33	16.4	17.5
		1	7	16.4	15.11	15.67	17.5
		1	14	16.51	16.36	16.32	17.5
		8	0	16.28	16.28	15.82	17.5
		8	4	16.47	16.21	16.26	17.5
		8	7	16.4	16.39	16.4	17.5
		15	0	16.34	16.35	16.35	17.5
	16QAM	1	0	16.87	16.72	16.48	17.5
		1	7	15.95	15.48	16.31	17.5
		1	14	16.9	16.45	16.64	17.5
		8	0	16.3	16.23	16.28	17.5
		8	4	16.37	16.15	16.01	17.5
		8	7	16.76	16.5	15.91	17.5
		15	0	16.18	16.4	16.31	17.5
	64QAM	1	0	16.81	16.66	16.56	17.5
		1	7	16.45	16.54	16.21	17.5
		1	14	16.7	16.61	16.58	17.5
		8	0	16.45	16.41	16.41	17.5
		8	4	16.54	16.43	16.45	17.5
		8	7	16.49	16.46	16.3	17.5
		15	0	16.57	16.43	16.42	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.46	16.41	16.34	17.5
		1	13	16.46	16.3	16.28	17.5
		1	24	16.4	16.37	16.24	17.5
		12	0	16.48	16.46	16.42	17.5
		12	6	16.44	16.3	16.25	17.5
		12	13	16.49	16.49	16.29	17.5
		25	0	16.34	16.33	16.44	17.5
	16QAM	1	0	16.73	16.67	16.6	17.5
		1	13	16.34	16.71	16.08	17.5
		1	24	16.76	16.66	16.58	17.5
		12	0	16.47	16.42	16.4	17.5
		12	6	16.35	16.38	16.39	17.5
		12	13	16.38	16.4	16.21	17.5
		25	0	16.29	16.38	16.21	17.5
	64QAM	1	0	16.78	16.71	16.55	17.5
		1	13	16.5	16.47	16.19	17.5
		1	24	16.7	16.56	16.56	17.5
		12	0	16.49	16.44	16.46	17.5
		12	6	16.55	16.46	16.4	17.5
		12	13	16.49	16.47	16.29	17.5
		25	0	16.53	16.41	16.45	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.54	16.28	16.34	17.5
		1	25	16.26	16.42	16.64	17.5
		1	49	16.38	16.41	16.24	17.5
		25	0	16.49	16.45	16.4	17.5
		25	13	16.43	16.43	16.46	17.5
		25	25	16.44	16.36	16.39	17.5
		50	0	16.29	16.39	16.37	17.5
	16QAM	1	0	16.55	16.65	16.37	17.5
		1	25	16.42	16.7	16.65	17.5
		1	49	16.63	16.3	16.59	17.5
		25	0	16.46	16.21	16.27	17.5
		25	13	16.34	16.36	16.38	17.5
		25	25	16.37	16.26	16.35	17.5
		50	0	16.28	16.33	16.37	17.5
	64QAM	1	0	16.8	16.71	16.54	17.5
		1	25	16.44	16.46	16.2	17.5
		1	49	16.69	16.58	16.5	17.5
		25	0	16.47	16.37	16.4	17.5
		25	13	16.5	16.44	16.47	17.5
		25	25	16.42	16.45	16.35	17.5
		50	0	16.51	16.47	16.37	17.5

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LTE Band 5 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.65	16.4	16.41	17.5
		1	2	15.74	15.51	15.96	17.5
		1	5	16.53	16.38	16.31	17.5
		3	0	16.52	16.42	16.17	17.5
		3	2	16.47	16.54	16.32	17.5
		3	3	15.98	16.49	16.36	17.5
		6	0	16.53	16.51	16.25	17.5
	16QAM	1	0	16.54	16.73	16.52	17.5
		1	2	17.11	16.79	16.79	17.5
		1	5	16.67	16.59	16.68	17.5
		3	0	16.29	16.54	16.32	17.5
		3	2	16.43	16.11	16.65	17.5
		3	3	16.46	16.51	16.24	17.5
		6	0	16.44	16.35	16.54	17.5
	64QAM	1	0	16.77	16.72	16.53	17.5
		1	2	16.41	16.47	16.21	17.5
		1	5	16.66	16.58	16.55	17.5
		3	0	16.52	16.37	16.44	17.5
		3	2	16.47	16.43	16.39	17.5
		3	3	16.49	16.47	16.25	17.5
		6	0	16.53	16.48	16.4	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.38	16.47	16.23	17.5
		1	7	15.29	15.44	15.55	17.5
		1	14	16.39	16.34	16.35	17.5
		8	0	16.46	16.58	16.29	17.5
		8	4	16.33	16.28	16.37	17.5
		8	7	16.31	16.35	16.18	17.5
		15	0	16.52	16.4	16.38	17.5
	16QAM	1	0	16.57	16.59	16.44	17.5
		1	7	16.72	16.7	16.5	17.5
		1	14	16.95	16.48	16.55	17.5
		8	0	16.02	16.35	16.28	17.5
		8	4	16.29	16.36	16.39	17.5
		8	7	16.44	16.45	15.97	17.5
		15	0	16.47	16.43	16.24	17.5
	64QAM	1	0	16.77	16.71	16.52	17.5
		1	7	16.4	16.47	16.2	17.5
		1	14	16.66	16.59	16.54	17.5
		8	0	16.52	16.34	16.45	17.5
		8	4	16.47	16.42	16.42	17.5
		8	7	16.46	16.48	16.26	17.5
		15	0	16.51	16.47	16.41	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.44	16.38	16.32	17.5
		1	13	16.55	16.37	16.22	17.5
		1	24	16.33	16.3	16.38	17.5
		12	0	16.45	16.43	16.42	17.5
		12	6	16.41	16.42	16.52	17.5
		12	13	16.45	16.49	16.39	17.5
		25	0	16.44	16.32	16.31	17.5
	16QAM	1	0	16.65	16.9	16.43	17.5
		1	13	16.41	16.77	16.33	17.5
		1	24	16.32	16.64	16.21	17.5
		12	0	16.57	16.45	16.39	17.5
		12	6	16.52	16.37	16.47	17.5
		12	13	16.35	16.53	16.37	17.5
		25	0	16.38	16.23	16.42	17.5
	64QAM	1	0	16.76	16.71	16.5	17.5
		1	13	16.39	16.45	16.2	17.5
		1	24	16.64	16.57	16.56	17.5
		12	0	16.51	16.34	16.44	17.5
		12	6	16.48	16.42	16.41	17.5
		12	13	16.48	16.46	16.24	17.5
		25	0	16.51	16.49	16.38	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.54	16.45	16.52	17.5
		1	25	16.69	15.17	16.41	17.5
		1	49	16.4	16.29	16.37	17.5
		25	0	16.48	16.42	16.37	17.5
		25	13	16.41	16.39	16.29	17.5
		25	25	16.43	16.35	16.38	17.5
		50	0	16.38	16.5	16.36	17.5
	16QAM	1	0	16.79	16.66	16.45	17.5
		1	25	16.39	16.33	16.57	17.5
		1	49	16.63	16.49	16.53	17.5
		25	0	16.41	16.49	16.39	17.5
		25	13	16.47	16.38	16.24	17.5
		25	25	16.29	16.27	16.23	17.5
		50	0	16.29	16.28	16.41	17.5
	64QAM	1	0	16.77	16.7	16.52	17.5
		1	25	16.41	16.45	16.2	17.5
		1	49	16.65	16.6	16.55	17.5
		25	0	16.52	16.34	16.43	17.5
		25	13	16.49	16.43	16.39	17.5
		25	25	16.47	16.46	16.24	17.5
		50	0	16.51	16.47	16.39	17.5

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LTE Band 5 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.56	14.39	14.38	15.5
		1	2	14.79	14.12	13.55	15.5
		1	5	14.43	14.44	14.31	15.5
		3	0	14.3	14.46	14.28	15.5
		3	2	14.37	14.41	14.41	15.5
		3	3	14.49	14.24	14.21	15.5
		6	0	14.72	14.53	14.36	15.5
	16QAM	1	0	14.74	15.06	14.62	15.5
		1	2	14.18	14.58	13.82	15.5
		1	5	14.7	14.95	14.89	15.5
		3	0	14.32	13.76	14.15	15.5
		3	2	14.01	14.48	13.56	15.5
		3	3	14.4	14.31	13.89	15.5
		6	0	14.23	14.42	14.38	15.5
	64QAM	1	0	14.69	14.7	14.52	15.5
		1	2	14.37	14.38	14.14	15.5
		1	5	14.6	14.58	14.46	15.5
		3	0	14.44	14.25	14.4	15.5
		3	2	14.43	14.36	14.3	15.5
		3	3	14.42	14.37	14.17	15.5
		6	0	14.49	14.42	14.34	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.42	14.38	14.39	15.5
		1	7	14.48	13.45	13.22	15.5
		1	14	14.4	14.36	14.3	15.5
		8	0	14.33	14.23	14.2	15.5
		8	4	14.52	14.34	13.96	15.5
		8	7	14.17	14.49	14.36	15.5
		15	0	14.49	14.42	14.29	15.5
	16QAM	1	0	14.75	14.9	14.3	15.5
		1	7	13.08	14.59	14.11	15.5
		1	14	14.81	14.41	14.64	15.5
		8	0	14.54	14.57	14.35	15.5
		8	4	14.33	14.28	13.95	15.5
		8	7	14.03	14.54	14.28	15.5
		15	0	14.39	14.25	14.31	15.5
	64QAM	1	0	14.7	14.7	14.51	15.5
		1	7	14.4	14.41	14.15	15.5
		1	14	14.62	14.6	14.5	15.5
		8	0	14.48	14.26	14.37	15.5
		8	4	14.39	14.38	14.37	15.5
		8	7	14.47	14.38	14.17	15.5
		15	0	14.48	14.46	14.33	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.41	14.37	14.29	15.5
		1	13	14.4	14.34	14.23	15.5
		1	24	14.56	14.43	14.43	15.5
		12	0	14.48	14.49	14.43	15.5
		12	6	14.45	14.48	14.22	15.5
		12	13	14.47	14.43	14.38	15.5
		25	0	14.46	14.5	14.37	15.5
	16QAM	1	0	14.35	14.75	14.23	15.5
		1	13	14.45	14.38	14.56	15.5
		1	24	14.33	14.2	14.61	15.5
		12	0	14.47	14.46	14.34	15.5
		12	6	14.44	14.49	14.27	15.5
		12	13	14.36	14.42	14.34	15.5
		25	0	14.4	14.32	14.16	15.5
	64QAM	1	0	14.75	14.62	14.46	15.5
		1	13	14.41	14.41	14.15	15.5
		1	24	14.64	14.56	14.47	15.5
		12	0	14.5	14.27	14.37	15.5
		12	6	14.48	14.4	14.29	15.5
		12	13	14.44	14.37	14.23	15.5
		25	0	14.44	14.42	14.32	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.59	14.44	14.39	15.5
		1	25	13.7	14.33	14.16	15.5
		1	49	14.32	14.42	14.38	15.5
		25	0	14.48	14.43	14.4	15.5
		25	13	14.49	14.43	14.3	15.5
		25	25	14.4	14.39	14.38	15.5
		50	0	14.49	14.4	14.38	15.5
	16QAM	1	0	14.76	14.29	14.22	15.5
		1	25	14.5	13.8	14.71	15.5
		1	49	14.65	14.67	14.33	15.5
		25	0	14.37	14.33	14.3	15.5
		25	13	14.49	14.4	14.21	15.5
		25	25	14.33	14.31	14.24	15.5
		50	0	14.42	14.34	14.29	15.5
	64QAM	1	0	14.73	14.62	14.46	15.5
		1	25	14.39	14.43	14.16	15.5
		1	49	14.61	14.53	14.52	15.5
		25	0	14.43	14.28	14.34	15.5
		25	13	14.47	14.38	14.36	15.5
		25	25	14.38	14.4	14.15	15.5
		50	0	14.46	14.44	14.39	15.5

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LTE Band 5 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.48	14.36	14.44	15.5
		1	2	13.51	13.56	14.65	15.5
		1	5	14.6	14.42	14.34	15.5
		3	0	14.5	14.59	14.29	15.5
		3	2	14.31	14.45	14.48	15.5
		3	3	14.19	14.22	14.24	15.5
		6	0	14.55	14.44	14.28	15.5
	16QAM	1	0	14.82	14.37	14.43	15.5
		1	2	14.62	14.92	14.19	15.5
		1	5	14.53	14.19	14.75	15.5
		3	0	14.48	14.2	14.15	15.5
		3	2	14.73	14.44	14.42	15.5
		3	3	14.46	14.37	14.18	15.5
		6	0	14.41	14.14	14.28	15.5
	64QAM	1	0	14.69	14.53	14.37	15.5
		1	2	14.36	14.35	14.09	15.5
		1	5	14.55	14.49	14.46	15.5
		3	0	14.38	14.21	14.28	15.5
		3	2	14.38	14.31	14.29	15.5
		3	3	14.29	14.38	14.13	15.5
		6	0	14.44	14.38	14.36	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.61	14.39	14.31	15.5
		1	7	13.58	13.18	14.45	15.5
		1	14	14.36	14.38	14.33	15.5
		8	0	14.43	14.26	14.29	15.5
		8	4	14.4	14.41	14.32	15.5
		8	7	14.36	14.36	14.3	15.5
		15	0	14.51	14.41	14.34	15.5
	16QAM	1	0	14.84	14.07	14.1	15.5
		1	7	14.72	14.74	14.57	15.5
		1	14	14.48	15.01	14.77	15.5
		8	0	14.25	14.23	14.47	15.5
		8	4	14.34	14.37	14.23	15.5
		8	7	14.41	14.45	14.41	15.5
		15	0	14.32	14.37	14.27	15.5
	64QAM	1	0	14.65	14.61	14.38	15.5
		1	7	14.37	14.37	14.09	15.5
		1	14	14.59	14.5	14.46	15.5
		8	0	14.35	14.19	14.27	15.5
		8	4	14.39	14.33	14.32	15.5
		8	7	14.29	14.35	14.08	15.5
		15	0	14.38	14.34	14.31	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.49	14.48	14.34	15.5
		1	13	14.39	14.39	14.25	15.5
		1	24	14.34	14.47	14.32	15.5
		12	0	14.5	14.48	14.42	15.5
		12	6	14.43	14.16	14.24	15.5
		12	13	14.47	14.43	14.4	15.5
		25	0	14.35	14.38	14.37	15.5
	16QAM	1	0	14.81	14.73	14.56	15.5
		1	13	14.45	14.27	14.33	15.5
		1	24	14.64	14.83	14.4	15.5
		12	0	14.52	14.39	14.44	15.5
		12	6	14.35	14.24	14.21	15.5
		12	13	14.46	14.51	14.27	15.5
		25	0	14.36	14.3	14.32	15.5
	64QAM	1	0	14.66	14.57	14.39	15.5
		1	13	14.32	14.39	14.12	15.5
		1	24	14.51	14.52	14.52	15.5
		12	0	14.41	14.28	14.28	15.5
		12	6	14.45	14.36	14.35	15.5
		12	13	14.29	14.38	14.1	15.5
		25	0	14.39	14.4	14.37	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.45	14.26	14.36	15.5
		1	25	13.44	13.65	14.36	15.5
		1	49	14.27	14.38	14.42	15.5
		25	0	14.44	14.43	14.39	15.5
		25	13	14.48	14.31	14.4	15.5
		25	25	14.38	14.38	14.37	15.5
		50	0	14.35	14.4	14.38	15.5
	16QAM	1	0	14	14.5	14.59	15.5
		1	25	14.94	14.63	14.42	15.5
		1	49	14.83	14.66	13.98	15.5
		25	0	14.43	14.33	14.29	15.5
		25	13	14.34	14.4	14.19	15.5
		25	25	14.52	14.35	14.27	15.5
		50	0	14.41	14.32	14.27	15.5
	64QAM	1	0	14.72	14.61	14.39	15.5
		1	25	14.35	14.35	14.11	15.5
		1	49	14.54	14.45	14.46	15.5
		25	0	14.34	14.19	14.31	15.5
		25	13	14.46	14.31	14.3	15.5
		25	25	14.33	14.3	14.08	15.5
		50	0	14.39	14.35	14.36	15.5

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LTE Band 5 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	17.57	17.43	17.37	18.5
		1	2	17.09	17.01	16.76	18.5
		1	5	17.43	17.37	17.27	18.5
		3	0	17.48	17.38	17.36	18.5
		3	2	16.77	17.27	17.39	18.5
		3	3	17.43	17.57	17.31	18.5
		6	0	17.1	17.43	17.32	18.5
	16QAM	1	0	17.59	17.62	17.91	18.5
		1	2	16.56	17.53	17.35	18.5
		1	5	17.59	17.47	17.66	18.5
		3	0	17.53	17.42	17.42	18.5
		3	2	17.54	17.43	17.43	18.5
		3	3	17.44	17.24	17.23	18.5
		6	0	17.24	17.31	17.22	18.5
	64QAM	1	0	17.68	17.44	17.37	18.5
		1	2	17.35	17.27	17	18.5
		1	5	17.45	17.47	17.44	18.5
		3	0	17.33	17.21	17.24	18.5
		3	2	17.37	17.25	17.24	18.5
		3	3	17.21	17.34	17.05	18.5
		6	0	17.39	17.3	17.32	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	17.55	17.44	17.23	18.5
		1	7	17.86	16.58	16.74	18.5
		1	14	17.46	17.36	17.37	18.5
		8	0	17.49	17.28	17.25	18.5
		8	4	17.43	17.45	17.12	18.5
		8	7	17.59	17.25	17.24	18.5
		15	0	17.53	17.32	17.33	18.5
	16QAM	1	0	18.09	17.86	17.37	18.5
		1	7	16.68	17.21	17.52	18.5
		1	14	17.74	17.38	17.42	18.5
		8	0	17.47	17.43	17.29	18.5
		8	4	17.49	17.52	17.15	18.5
		8	7	17.4	17.13	17.37	18.5
		15	0	17.28	17.47	17.15	18.5
	64QAM	1	0	17.6	17.45	17.32	18.5
		1	7	17.32	17.3	17.05	18.5
		1	14	17.45	17.45	17.39	18.5
		8	0	17.34	17.16	17.25	18.5
		8	4	17.37	17.23	17.29	18.5
		8	7	17.25	17.3	17.11	18.5
		15	0	17.42	17.31	17.32	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	17.41	17.42	17.38	18.5
		1	13	17.46	17.36	17.33	18.5
		1	24	17.41	17.32	17.3	18.5
		12	0	17.47	17.46	17.34	18.5
		12	6	17.4	17.34	17.41	18.5
		12	13	17.46	17.51	17.41	18.5
		25	0	17.45	17.33	17.38	18.5
	16QAM	1	0	17.46	17.61	17.95	18.5
		1	13	17.6	17.59	17.74	18.5
		1	24	17.64	17.36	17.62	18.5
		12	0	17.5	17.47	17.36	18.5
		12	6	17.4	17.33	17.09	18.5
		12	13	17.38	17.42	17.35	18.5
		25	0	17.44	17.5	17.32	18.5
	64QAM	1	0	17.64	17.44	17.31	18.5
		1	13	17.34	17.3	17.02	18.5
		1	24	17.49	17.41	17.41	18.5
		12	0	17.33	17.16	17.26	18.5
		12	6	17.33	17.21	17.26	18.5
		12	13	17.28	17.33	17.11	18.5
		25	0	17.36	17.33	17.31	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	17.35	17.32	17.34	18.5
		1	25	17.37	17.09	17.24	18.5
		1	49	17.37	17.37	17.23	18.5
		25	0	17.38	17.47	17.33	18.5
		25	13	17.29	17.32	17.35	18.5
		25	25	17.42	17.38	17.45	18.5
		50	0	17.4	17.42	17.3	18.5
	16QAM	1	0	18.11	17.74	17.33	18.5
		1	25	17.86	17.75	17.44	18.5
		1	49	17.5	17.79	17.92	18.5
		25	0	17.3	17.4	17.29	18.5
		25	13	17.42	17.35	17.22	18.5
		25	25	17.3	17.34	17.36	18.5
		50	0	17.33	17.32	17.32	18.5
	64QAM	1	0	17.6	17.45	17.29	18.5
		1	25	17.31	17.28	17.06	18.5
		1	49	17.54	17.42	17.43	18.5
		25	0	17.31	17.19	17.24	18.5
		25	13	17.28	17.29	17.22	18.5
		25	25	17.23	17.34	17.1	18.5
		50	0	17.42	17.3	17.28	18.5

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LTE Band 5 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	17.53	17.45	17.36	18.5
		1	2	17.66	17.58	16.45	18.5
		1	5	17.48	17.39	17.32	18.5
		3	0	17.45	17.46	17.19	18.5
		3	2	17.34	17.32	17.42	18.5
		3	3	17.18	17.37	17.23	18.5
		6	0	17.35	17.31	17.38	18.5
	16QAM	1	0	17.56	17.63	17.52	18.5
		1	2	18.14	17.15	16.79	18.5
		1	5	17.8	17.86	17.65	18.5
		3	0	17.49	17.33	17.28	18.5
		3	2	17.27	16.64	16.93	18.5
		3	3	16.98	16.99	17.39	18.5
		6	0	17.55	17.4	17.15	18.5
	64QAM	1	0	17.55	17.39	17.24	18.5
		1	2	17.26	17.27	17.05	18.5
		1	5	17.49	17.38	17.41	18.5
		3	0	17.31	17.13	17.23	18.5
		3	2	17.25	17.24	17.21	18.5
		3	3	17.23	17.26	17.05	18.5
		6	0	17.41	17.24	17.2	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	17.51	17.44	17.31	18.5
		1	7	16.09	17.19	15.84	18.5
		1	14	17.43	17.32	17.37	18.5
		8	0	17.45	17.62	17.36	18.5
		8	4	17.42	17.56	17.4	18.5
		8	7	17.21	17.36	17.26	18.5
		15	0	17.52	17.43	17.43	18.5
	16QAM	1	0	17.79	18.04	17.58	18.5
		1	7	17.83	17.09	16.4	18.5
		1	14	18.04	17.86	17.49	18.5
		8	0	17.45	17.39	17.27	18.5
		8	4	17.4	17.32	17.3	18.5
		8	7	17.15	17.17	17.25	18.5
		15	0	17.45	17.24	17.21	18.5
	64QAM	1	0	17.54	17.44	17.24	18.5
		1	7	17.29	17.21	17.02	18.5
		1	14	17.48	17.37	17.43	18.5
		8	0	17.28	17.14	17.22	18.5
		8	4	17.2	17.26	17.16	18.5
		8	7	17.16	17.33	17.02	18.5
		15	0	17.39	17.22	17.21	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	17.47	17.37	17.33	18.5
		1	13	17.43	17.42	17.38	18.5
		1	24	17.31	17.33	17.28	18.5
		12	0	17.45	17.46	17.46	18.5
		12	6	17.38	17.45	17.27	18.5
		12	13	17.44	17.49	17.41	18.5
		25	0	17.3	17.45	17.39	18.5
	16QAM	1	0	17.14	17.83	17.55	18.5
		1	13	17.88	17.15	17.81	18.5
		1	24	17.34	17.84	17.82	18.5
		12	0	17.33	17.37	17.43	18.5
		12	6	17.17	17.44	17.21	18.5
		12	13	17.37	17.54	17.34	18.5
		25	0	17.37	17.39	17.3	18.5
	64QAM	1	0	17.57	17.4	17.24	18.5
		1	13	17.26	17.28	16.99	18.5
		1	24	17.51	17.35	17.41	18.5
		12	0	17.3	17.12	17.19	18.5
		12	6	17.26	17.24	17.18	18.5
		12	13	17.2	17.31	17.05	18.5
		25	0	17.39	17.24	17.21	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	17.42	17.4	17.39	18.5
		1	25	17.12	17.23	17.05	18.5
		1	49	17.43	17.32	17.35	18.5
		25	0	17.49	17.33	17.42	18.5
		25	13	17.4	17.44	17.32	18.5
		25	25	17.41	17.36	17.29	18.5
		50	0	17.38	17.39	17.41	18.5
	16QAM	1	0	17.9	18.02	17.59	18.5
		1	25	17.54	17.63	18	18.5
		1	49	17.15	17.94	17.56	18.5
		25	0	17.47	17.33	17.22	18.5
		25	13	17.27	17.35	17.26	18.5
		25	25	17.45	17.32	17.37	18.5
		50	0	17.31	17.33	17.31	18.5
	64QAM	1	0	17.57	17.44	17.27	18.5
		1	25	17.28	17.25	17.02	18.5
		1	49	17.53	17.38	17.42	18.5
		25	0	17.3	17.11	17.24	18.5
		25	13	17.24	17.27	17.18	18.5
		25	25	17.22	17.27	17.07	18.5
		50	0	17.39	17.3	17.21	18.5

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LTE Band 5 Receiver off （body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	21.61	21.44	21.42	22.5
		1	2	21.8	21.11	21.07	22.5
		1	5	21.41	21.53	21.39	22.5
		3	0	21.51	21.38	21.4	22.5
		3	2	21.3	21.21	20.77	22.5
		3	3	21.55	21.31	21.11	22.5
		6	0	21.48	21.2	20.94	22.5
	16QAM	1	0	22.12	22.02	21.62	22.5
		1	2	21.55	21.42	21.52	22.5
		1	5	21.89	21.99	21.67	22.5
		3	0	21.33	21.62	21.18	22.5
		3	2	21.49	21.14	21.29	22.5
		3	3	21.07	21.01	21.37	22.5
		6	0	20.85	20.87	21.11	22.5
	64QAM	1	0	21.59	21.51	21.3	22.5
		1	2	21.31	21.3	21.06	22.5
		1	5	21.6	21.39	21.45	22.5
		3	0	21.32	21.11	21.27	22.5
		3	2	21.3	21.27	21.24	22.5
		3	3	21.29	21.34	21.08	22.5
		6	0	21.39	21.32	21.23	22.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	21.61	21.47	21.48	22.5
		1	7	20.92	21.06	20.52	22.5
		1	14	21.44	21.33	21.27	22.5
		8	0	21.38	21.34	21.13	22.5
		8	4	21.52	20.94	21.37	22.5
		8	7	21.39	21.46	21.34	22.5
		15	0	21.44	21.49	21.21	22.5
	16QAM	1	0	21.55	21.83	21.63	22.5
		1	7	21.55	20.04	21.54	22.5
		1	14	21.52	21.87	21.89	22.5
		8	0	20.91	20.93	20.78	22.5
		8	4	20.95	20.96	20.9	22.5
		8	7	20.64	20.91	20.93	22.5
		15	0	20.88	20.83	20.62	22.5
	64QAM	1	0	21.58	21.51	21.28	22.5
		1	7	21.35	21.27	21.1	22.5
		1	14	21.54	21.42	21.44	22.5
		8	0	21.32	21.16	21.27	22.5
		8	4	21.25	21.3	21.24	22.5
		8	7	21.25	21.28	21.13	22.5
		15	0	21.44	21.32	21.27	22.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	21.5	21.37	21.22	22.5
		1	13	21.42	21.49	21.38	22.5
		1	24	21.45	21.37	21.32	22.5
		12	0	21.54	21.56	21.38	22.5
		12	6	21.36	21.51	21.23	22.5
		12	13	21.41	21.5	21.36	22.5
		25	0	21.52	21.44	21.35	22.5
	16QAM	1	0	21.83	21.72	21.8	22.5
		1	13	21.43	21.92	21.66	22.5
		1	24	21.52	21.64	21.9	22.5
		12	0	20.96	21.05	20.95	22.5
		12	6	21	20.97	20.73	22.5
		12	13	21.08	20.96	20.87	22.5
		25	0	20.87	20.91	20.76	22.5
	64QAM	1	0	21.57	21.46	21.31	22.5
		1	13	21.32	21.32	21.07	22.5
		1	24	21.6	21.45	21.44	22.5
		12	0	21.3	21.12	21.3	22.5
		12	6	21.25	21.31	21.21	22.5
		12	13	21.26	21.31	21.1	22.5
		25	0	21.41	21.33	21.25	22.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	21.54	21.39	21.4	22.5
		1	25	21.38	21.4	21.31	22.5
		1	49	21.48	21.49	21.39	22.5
		25	0	21.45	21.42	21.45	22.5
		25	13	21.47	21.44	21.4	22.5
		25	25	21.37	21.49	21.39	22.5
		50	0	21.46	21.5	21.42	22.5
	16QAM	1	0	21.41	21.81	21.68	22.5
		1	25	21.69	20.33	21.66	22.5
		1	49	21.88	21.56	21.87	22.5
		25	0	20.85	20.8	20.84	22.5
		25	13	20.88	20.78	20.81	22.5
		25	25	20.86	20.99	20.8	22.5
		50	0	20.91	20.89	20.77	22.5
	64QAM	1	0	21.61	21.51	21.27	22.5
		1	25	21.35	21.32	21.08	22.5
		1	49	21.6	21.45	21.43	22.5
		25	0	21.33	21.12	21.28	22.5
		25	13	21.28	21.28	21.19	22.5
		25	25	21.27	21.27	21.09	22.5
		50	0	21.4	21.3	21.26	22.5

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LTE Band 5 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.54	16.38	16.34	17.5
		1	2	16.6	16.68	16.53	17.5
		1	5	16.45	16.41	16.28	17.5
		3	0	16.43	16.43	16.36	17.5
		3	2	16.47	16.1	16.26	17.5
		3	3	16.37	16.43	16.22	17.5
		6	0	16.44	16.5	16.1	17.5
	16QAM	1	0	16.82	16.62	16.39	17.5
		1	2	16.69	15.89	15.98	17.5
		1	5	16.7	16.75	16.67	17.5
		3	0	16.66	15.74	16.2	17.5
		3	2	15.94	16.33	16.28	17.5
		3	3	16.41	16.39	16.46	17.5
		6	0	16.57	16.56	16.17	17.5
	64QAM	1	0	16.5	16.33	16.17	17.5
		1	2	16.23	16.23	16.03	17.5
		1	5	16.44	16.32	16.36	17.5
		3	0	16.28	16.04	16.16	17.5
		3	2	16.21	16.23	16.13	17.5
		3	3	16.2	16.18	16.05	17.5
		6	0	16.32	16.18	16.19	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.44	16.37	16.27	17.5
		1	7	15.27	16.41	14.98	17.5
		1	14	16.46	16.37	16.32	17.5
		8	0	16.37	16.45	16.2	17.5
		8	4	16.36	16.33	16.36	17.5
		8	7	16.39	16.43	16.43	17.5
		15	0	16.43	16.43	16.37	17.5
	16QAM	1	0	16.8	16.67	16.5	17.5
		1	7	16.42	16.24	16.18	17.5
		1	14	16.7	16.69	16.21	17.5
		8	0	16.38	15.95	16.16	17.5
		8	4	16.46	16.52	16.27	17.5
		8	7	16.33	16.46	16.45	17.5
		15	0	16.35	16.34	16.35	17.5
	64QAM	1	0	16.53	16.34	16.17	17.5
		1	7	16.19	16.25	16.04	17.5
		1	14	16.4	16.29	16.31	17.5
		8	0	16.28	16.04	16.18	17.5
		8	4	16.24	16.17	16.12	17.5
		8	7	16.17	16.19	16.04	17.5
		15	0	16.34	16.15	16.12	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.39	16.38	16.37	17.5
		1	13	16.41	16.54	16.35	17.5
		1	24	16.33	16.31	16.36	17.5
		12	0	16.41	16.49	16.52	17.5
		12	6	16.42	16.37	16.34	17.5
		12	13	16.41	16.46	16.35	17.5
		25	0	16.46	16.36	16.32	17.5
	16QAM	1	0	16.78	16.74	16.69	17.5
		1	13	16.86	16.76	16.66	17.5
		1	24	16.65	16.6	16.5	17.5
		12	0	16.59	16.41	16.26	17.5
		12	6	16.44	16.55	16.33	17.5
		12	13	16.44	16.39	16.55	17.5
		25	0	16.3	16.37	16.28	17.5
	64QAM	1	0	16.5	16.36	16.21	17.5
		1	13	16.24	16.22	16.02	17.5
		1	24	16.44	16.35	16.39	17.5
		12	0	16.31	16.06	16.19	17.5
		12	6	16.15	16.17	16.21	17.5
		12	13	16.22	16.19	16	17.5
		25	0	16.33	16.17	16.12	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.37	16.44	16.41	17.5
		1	25	16.41	15.93	15.51	17.5
		1	49	16.34	16.43	16.31	17.5
		25	0	16.44	16.34	16.33	17.5
		25	13	16.35	16.34	16.27	17.5
		25	25	16.37	16.44	16.35	17.5
		50	0	16.46	16.4	16.33	17.5
	16QAM	1	0	16.62	16.59	16.91	17.5
		1	25	16.74	16.65	15.8	17.5
		1	49	16.55	15.92	16.48	17.5
		25	0	16.45	16.35	16.39	17.5
		25	13	16.38	16.45	16.26	17.5
		25	25	16.4	16.35	16.26	17.5
		50	0	16.33	16.3	16.24	17.5
	64QAM	1	0	16.48	16.31	16.21	17.5
		1	25	16.25	16.22	15.98	17.5
		1	49	16.48	16.34	16.39	17.5
		25	0	16.25	16.05	16.16	17.5
		25	13	16.24	16.24	16.2	17.5
		25	25	16.14	16.19	15.95	17.5
		50	0	16.36	16.22	16.12	17.5

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LTE Band 5 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.45	16.47	16.3	17.5
		1	2	16.43	15.97	16.5	17.5
		1	5	16.39	16.44	16.34	17.5
		3	0	16.41	16.39	16.56	17.5
		3	2	16.05	16.25	16.22	17.5
		3	3	16.42	16.14	16.25	17.5
		6	0	16.01	16.23	16.23	17.5
	16QAM	1	0	16.98	16.89	16.68	17.5
		1	2	16.33	16.47	16.6	17.5
		1	5	16.5	16.87	16.86	17.5
		3	0	16.27	16.47	16.57	17.5
		3	2	16.65	17.07	16.19	17.5
		3	3	16.74	16.24	16.25	17.5
		6	0	15.91	16.37	16.28	17.5
	64QAM	1	0	16.44	16.28	16.13	17.5
		1	2	16.25	16.16	15.96	17.5
		1	5	16.46	16.31	16.39	17.5
		3	0	16.19	15.97	16.15	17.5
		3	2	16.17	16.19	16.13	17.5
		3	3	16.09	16.12	15.92	17.5
		6	0	16.28	16.18	16.09	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.5	16.57	16.37	17.5
		1	7	15.88	15.48	14.67	17.5
		1	14	16.41	16.49	16.3	17.5
		8	0	16.17	16.38	16.29	17.5
		8	4	16.53	16.2	16.31	17.5
		8	7	16.37	16.4	15.81	17.5
		15	0	16.28	16.4	16.46	17.5
	16QAM	1	0	16.39	16.4	16.87	17.5
		1	7	16.78	16.13	16.31	17.5
		1	14	16.9	16.77	16.85	17.5
		8	0	16.45	16.29	16.1	17.5
		8	4	16.27	16.37	16.37	17.5
		8	7	16.14	16.43	16.3	17.5
		15	0	16.32	16.34	16.32	17.5
	64QAM	1	0	16.45	16.31	16.17	17.5
		1	7	16.16	16.17	15.9	17.5
		1	14	16.46	16.27	16.36	17.5
		8	0	16.25	16.01	16.12	17.5
		8	4	16.2	16.21	16.19	17.5
		8	7	16.05	16.12	15.94	17.5
		15	0	16.32	16.2	16.05	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.36	16.39	16.34	17.5
		1	13	16.47	16.34	16.21	17.5
		1	24	16.33	16.47	16.36	17.5
		12	0	16.44	16.51	16.29	17.5
		12	6	16.37	16.38	16.35	17.5
		12	13	16.44	16.49	16.35	17.5
		25	0	16.28	16.44	16.34	17.5
	16QAM	1	0	16.69	16.92	16.7	17.5
		1	13	16.8	16.71	16.47	17.5
		1	24	16.21	16.36	16.66	17.5
		12	0	16.38	16.33	16.45	17.5
		12	6	16.4	16.5	16.31	17.5
		12	13	16.34	16.42	16.29	17.5
		25	0	16.44	16.27	16.24	17.5
	64QAM	1	0	16.42	16.25	16.12	17.5
		1	13	16.17	16.15	15.89	17.5
		1	24	16.44	16.28	16.39	17.5
		12	0	16.16	15.95	16.08	17.5
		12	6	16.19	16.24	16.17	17.5
		12	13	16.05	16.11	15.88	17.5
		25	0	16.33	16.18	16.1	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.49	16.45	16.37	17.5
		1	25	16.49	16.42	16	17.5
		1	49	16.24	16.31	16.25	17.5
		25	0	16.38	16.4	16.4	17.5
		25	13	16.29	16.39	16.38	17.5
		25	25	16.42	16.32	16.29	17.5
		50	0	16.38	16.45	16.4	17.5
	16QAM	1	0	16.66	16.75	16.77	17.5
		1	25	16.35	17.18	16.64	17.5
		1	49	16.79	16.46	16.74	17.5
		25	0	16.34	16.33	16.3	17.5
		25	13	16.44	16.4	16.09	17.5
		25	25	16.38	16.37	16.28	17.5
		50	0	16.2	16.33	16.23	17.5
	64QAM	1	0	16.44	16.22	16.2	17.5
		1	25	16.24	16.16	15.93	17.5
		1	49	16.47	16.29	16.32	17.5
		25	0	16.22	16.04	16.13	17.5
		25	13	16.24	16.16	16.19	17.5
		25	25	16.13	16.19	15.89	17.5
		50	0	16.3	16.16	16.12	17.5

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LTE Band 5 Receiver off (body or limbs) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	20.5	20.39	20.41	21.5
		1	2	20.04	20	19.98	21.5
		1	5	20.47	20.44	20.3	21.5
		3	0	20.68	20.3	20.37	21.5
		3	2	20.36	19.66	20.52	21.5
		3	3	20.54	20.29	20.27	21.5
		6	0	20.29	20.33	20.3	21.5
	16QAM	1	0	20.81	20.92	20.41	21.5
		1	2	20.34	20.29	20.01	21.5
		1	5	21.02	20.4	20.22	21.5
		3	0	20.28	20.3	20.31	21.5
		3	2	19.77	20.72	19.8	21.5
		3	3	20.53	19.95	20.19	21.5
		6	0	20.43	20.34	20.03	21.5
	64QAM	1	0	20.43	20.22	20.06	21.5
		1	2	20.17	20.07	19.89	21.5
		1	5	20.46	20.26	20.38	21.5
		3	0	20.11	19.88	20.08	21.5
		3	2	20.08	20.16	20.11	21.5
		3	3	20	20.12	19.84	21.5
		6	0	20.23	20.13	20.06	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.54	20.41	20.17	21.5
		1	7	20.3	19.82	19.9	21.5
		1	14	20.29	20.29	20.4	21.5
		8	0	20.48	20.33	20.42	21.5
		8	4	20.45	20.47	20.42	21.5
		8	7	20.23	20.44	20.19	21.5
		15	0	20.38	20.5	20.35	21.5
	16QAM	1	0	21.03	20.91	20.67	21.5
		1	7	20.58	21.51	19.83	21.5
		1	14	20.41	20.62	20.64	21.5
		8	0	20.41	20.28	20.34	21.5
		8	4	20.27	20.38	20.22	21.5
		8	7	20.35	20.26	20.33	21.5
		15	0	20.28	20.46	20.39	21.5
	64QAM	1	0	20.41	20.23	20.05	21.5
		1	7	20.17	20.11	19.88	21.5
		1	14	20.44	20.21	20.38	21.5
		8	0	20.15	19.93	20.07	21.5
		8	4	20.12	20.14	20.11	21.5
		8	7	20.06	20.08	19.85	21.5
		15	0	20.23	20.1	20.04	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	20.49	20.44	20.34	21.5
		1	13	20.42	20.4	20.32	21.5
		1	24	20.49	20.35	20.32	21.5
		12	0	20.4	20.42	20.36	21.5
		12	6	20.31	20.28	20.29	21.5
		12	13	20.48	20.46	20.3	21.5
		25	0	20.45	20.41	20.38	21.5
	16QAM	1	0	20.96	20.29	20.21	21.5
		1	13	20.71	20.82	20.61	21.5
		1	24	20.93	20.61	20.52	21.5
		12	0	20.45	20.47	20.44	21.5
		12	6	20.42	20.22	20.12	21.5
		12	13	20.45	20.46	20.22	21.5
		25	0	20.23	20.32	20.2	21.5
	64QAM	1	0	20.36	20.23	20.04	21.5
		1	13	20.16	20.07	19.87	21.5
		1	24	20.38	20.23	20.37	21.5
		12	0	20.16	19.91	20.09	21.5
		12	6	20.15	20.12	20.07	21.5
		12	13	20.01	20.11	19.87	21.5
		25	0	20.25	20.12	20.04	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	20.51	20.44	20.33	21.5
		1	25	19.99	20.39	20.22	21.5
		1	49	20.29	20.33	20.27	21.5
		25	0	20.43	20.41	20.35	21.5
		25	13	20.33	20.28	20.35	21.5
		25	25	20.45	20.33	20.33	21.5
		50	0	20.43	20.46	20.32	21.5
	16QAM	1	0	20.78	20.89	20.76	21.5
		1	25	21.08	20.69	20.31	21.5
		1	49	20.59	20.81	20.59	21.5
		25	0	20.43	20.4	20.41	21.5
		25	13	20.47	20.26	20.1	21.5
		25	25	20.34	20.3	20.31	21.5
		50	0	20.35	20.32	20.22	21.5
	64QAM	1	0	20.44	20.24	20.09	21.5
		1	25	20.18	20.1	19.94	21.5
		1	49	20.38	20.25	20.35	21.5
		25	0	20.17	19.94	20.14	21.5
		25	13	20.15	20.18	20.03	21.5
		25	25	20.07	20.04	19.89	21.5
		50	0	20.21	20.09	20.03	21.5

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LTE Band 5 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.57	14.49	14.45	15.5
		1	2	13.81	13.37	13.88	15.5
		1	5	14.51	14.32	14.38	15.5
		3	0	14.35	14.43	14.34	15.5
		3	2	14.45	14.53	14.01	15.5
		3	3	14.23	14.54	14.26	15.5
		6	0	14.25	14.41	14.24	15.5
	16QAM	1	0	14.69	14.75	14.67	15.5
		1	2	14.48	14.28	14.1	15.5
		1	5	15.06	14.75	14.53	15.5
		3	0	14.2	13.8	14.38	15.5
		3	2	14.29	14.61	14.19	15.5
		3	3	14.32	14.24	14.27	15.5
		6	0	14.72	14.43	14.21	15.5
	64QAM	1	0	14.5	14.31	14.13	15.5
		1	2	14.24	14.19	13.98	15.5
		1	5	14.41	14.35	14.43	15.5
		3	0	14.23	13.98	14.19	15.5
		3	2	14.21	14.26	14.12	15.5
		3	3	14.11	14.07	13.97	15.5
		6	0	14.3	14.19	14.06	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.45	14.4	14.37	15.5
		1	7	13.83	14.48	12.9	15.5
		1	14	14.31	14.43	14.37	15.5
		8	0	14.4	14.29	14.23	15.5
		8	4	14.34	14.36	14.4	15.5
		8	7	14.05	14.5	14.22	15.5
		15	0	14.31	14.35	14.31	15.5
	16QAM	1	0	14.81	14.79	14.83	15.5
		1	7	14.93	15.32	14.38	15.5
		1	14	14.43	14.21	14.54	15.5
		8	0	14.2	14.54	14.3	15.5
		8	4	14.28	14.26	14.35	15.5
		8	7	14.27	14.5	14.29	15.5
		15	0	14.36	14.4	14.33	15.5
	64QAM	1	0	14.47	14.33	14.12	15.5
		1	7	14.21	14.12	13.97	15.5
		1	14	14.42	14.34	14.38	15.5
		8	0	14.21	14.03	14.18	15.5
		8	4	14.16	14.27	14.05	15.5
		8	7	14.17	14.11	13.97	15.5
		15	0	14.27	14.15	14.1	15.5

Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.45	14.47	14.4	15.5
		1	13	14.46	14.45	14.34	15.5
		1	24	14.36	14.39	14.34	15.5
		12	0	14.41	14.4	14.26	15.5
		12	6	14.22	14.43	14.27	15.5
		12	13	14.37	14.46	14.33	15.5
		25	0	14.52	14.41	14.28	15.5
	16QAM	1	0	14.77	14.71	14.46	15.5
		1	13	14.39	14.85	14.6	15.5
		1	24	14.78	14.22	14.38	15.5
		12	0	14.52	14.47	14.36	15.5
		12	6	14.5	14.38	14.07	15.5
		12	13	14.43	14.4	14.3	15.5
		25	0	14.45	14.37	14.26	15.5
	64QAM	1	0	14.48	14.24	14.1	15.5
		1	13	14.2	14.12	14.03	15.5
		1	24	14.4	14.33	14.42	15.5
		12	0	14.22	13.95	14.19	15.5
		12	6	14.2	14.22	14.04	15.5
		12	13	14.14	14.06	13.95	15.5
		25	0	14.3	14.13	14.05	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.44	14.36	14.36	15.5
		1	25	14.32	13.71	13.7	15.5
		1	49	14.36	14.35	14.28	15.5
		25	0	14.43	14.39	14.34	15.5
		25	13	14.32	14.3	14.35	15.5
		25	25	14.38	14.39	14.35	15.5
		50	0	14.36	14.38	14.34	15.5
	16QAM	1	0	14.67	14.58	14.86	15.5
		1	25	14.01	14.27	14.54	15.5
		1	49	14.56	14.55	14.52	15.5
		25	0	14.42	14.25	14.4	15.5
		25	13	14.22	14.29	14.24	15.5
		25	25	14.31	14.33	14.19	15.5
		50	0	14.37	14.28	14.37	15.5
	64QAM	1	0	14.5	14.27	14.18	15.5
		1	25	14.23	14.12	14.01	15.5
		1	49	14.42	14.26	14.35	15.5
		25	0	14.23	13.96	14.22	15.5
		25	13	14.22	14.26	14.08	15.5
		25	25	14.14	14.06	13.95	15.5
		50	0	14.3	14.11	14.07	15.5

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LTE Band 5 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.44	14.47	14.41	15.5
		1	2	14.78	14.7	14.04	15.5
		1	5	14.38	14.41	14.37	15.5
		3	0	14.4	14.38	14.21	15.5
		3	2	14.46	14.12	14.2	15.5
		3	3	14.43	13.92	14.3	15.5
		6	0	14.52	14.47	14.2	15.5
	16QAM	1	0	15.04	14.96	14.05	15.5
		1	2	14.91	14.51	14.76	15.5
		1	5	14.36	14.81	14.52	15.5
		3	0	14.52	14.59	14.24	15.5
		3	2	14.42	14.63	14.45	15.5
		3	3	14.22	14.52	14.21	15.5
		6	0	14.21	14.58	14.34	15.5
	64QAM	1	0	14.45	14.29	14.06	15.5
		1	2	14.18	14.12	13.89	15.5
		1	5	14.39	14.35	14.34	15.5
		3	0	14.21	13.94	14.16	15.5
		3	2	14.15	14.25	14.05	15.5
		3	3	14.02	14	13.9	15.5
		6	0	14.24	14.12	14.02	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.39	14.38	14.23	15.5
		1	7	13.67	14.11	14.73	15.5
		1	14	14.49	14.33	14.28	15.5
		8	0	14.27	14.46	14.3	15.5
		8	4	14.32	14.22	14.17	15.5
		8	7	14.3	14.15	14.37	15.5
		15	0	14.43	14.47	14.3	15.5
	16QAM	1	0	14.78	14.88	14.41	15.5
		1	7	14.51	14.65	13.33	15.5
		1	14	14.37	14.7	14.72	15.5
		8	0	14.54	14.23	14.28	15.5
		8	4	14.46	14.11	14.17	15.5
		8	7	14.25	14.42	14.14	15.5
		15	0	14.38	14.27	14.24	15.5
	64QAM	1	0	14.44	14.3	14.08	15.5
		1	7	14.14	14.16	13.9	15.5
		1	14	14.34	14.26	14.36	15.5
		8	0	14.14	13.94	14.13	15.5
		8	4	14.16	14.25	14.07	15.5
		8	7	14.03	14.05	13.93	15.5
		15	0	14.25	14.14	13.96	15.5

Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.51	14.37	14.32	15.5
		1	13	14.29	14.46	14.37	15.5
		1	24	14.3	14.4	14.32	15.5
		12	0	14.51	14.49	14.41	15.5
		12	6	14.24	14.42	14.36	15.5
		12	13	14.47	14.42	14.4	15.5
		25	0	14.31	14.37	14.34	15.5
	16QAM	1	0	14.58	14.74	14.79	15.5
		1	13	14.99	14.57	14.36	15.5
		1	24	14.63	14.48	14.39	15.5
		12	0	14.42	14.37	14.33	15.5
		12	6	14.59	14.33	14.37	15.5
		12	13	14.39	14.52	14.3	15.5
		25	0	14.34	14.29	14.27	15.5
	64QAM	1	0	14.43	14.3	14.11	15.5
		1	13	14.24	14.1	13.88	15.5
		1	24	14.33	14.34	14.42	15.5
		12	0	14.19	13.9	14.09	15.5
		12	6	14.13	14.17	14.06	15.5
		12	13	14.05	14.02	13.89	15.5
		25	0	14.26	14.13	14.03	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.47	14.46	14.32	15.5
		1	25	14.66	14.31	14.44	15.5
		1	49	14.36	14.37	14.23	15.5
		25	0	14.42	14.4	14.32	15.5
		25	13	14.49	14.42	14.45	15.5
		25	25	14.39	14.38	14.33	15.5
		50	0	14.48	14.38	14.44	15.5
	16QAM	1	0	14.42	15.05	14.72	15.5
		1	25	14.36	14.36	14.66	15.5
		1	49	14.5	14.9	14.46	15.5
		25	0	14.44	14.33	14.36	15.5
		25	13	14.16	14.25	14.24	15.5
		25	25	14.44	14.39	14.37	15.5
		50	0	14.29	14.27	14.22	15.5
	64QAM	1	0	14.49	14.23	14.09	15.5
		1	25	14.23	14.15	13.89	15.5
		1	49	14.32	14.25	14.42	15.5
		25	0	14.18	13.96	14.18	15.5
		25	13	14.16	14.17	14.11	15.5
		25	25	14.07	14	13.96	15.5
		50	0	14.26	14.18	14.06	15.5

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LTE Band 5 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	18.44	18.53	18.28	19.5
		1	2	17.72	17.34	17.31	19.5
		1	5	18.5	18.41	18.35	19.5
		3	0	18.26	18.31	18.25	19.5
		3	2	17.83	17.45	18.15	19.5
		3	3	18.1	18.22	18.17	19.5
		6	0	18.3	18.24	18.43	19.5
	16QAM	1	0	18.95	18.47	18.64	19.5
		1	2	18.71	18.62	18.14	19.5
		1	5	18.87	18.86	18.74	19.5
		3	0	18.37	18.4	18.13	19.5
		3	2	17.82	18.99	18.25	19.5
		3	3	18.51	18.4	18.27	19.5
		6	0	18.1	18.35	18.12	19.5
	64QAM	1	0	18.58	18.32	18.16	19.5
		1	2	18.26	18.16	17.95	19.5
		1	5	18.33	18.34	18.48	19.5
		3	0	18.19	18.01	18.25	19.5
		3	2	18.21	18.19	18.19	19.5
		3	3	18.14	18.02	17.96	19.5
		6	0	18.27	18.2	18.16	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	18.58	18.34	18.35	19.5
		1	7	18.78	18.32	18.22	19.5
		1	14	18.39	18.34	18.33	19.5
		8	0	18.54	18.5	18.37	19.5
		8	4	18.12	18.39	17.99	19.5
		8	7	18.26	18.4	18.34	19.5
		15	0	18.46	18.42	18.39	19.5
	16QAM	1	0	18.75	18.22	18.65	19.5
		1	7	18.91	18.77	18.71	19.5
		1	14	18.25	18.31	18.65	19.5
		8	0	17.99	18.28	18.33	19.5
		8	4	18.42	18.24	18.24	19.5
		8	7	18.37	18.53	18.16	19.5
		15	0	18.4	18.4	18.3	19.5
	64QAM	1	0	18.58	18.33	18.12	19.5
		1	7	18.29	18.23	17.9	19.5
		1	14	18.34	18.34	18.46	19.5
		8	0	18.24	18.03	18.22	19.5
		8	4	18.25	18.24	18.16	19.5
		8	7	18.16	18.09	18.03	19.5
		15	0	18.36	18.21	18.15	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	18.36	18.43	18.18	19.5
		1	13	18.47	18.37	18.32	19.5
		1	24	18.36	18.41	18.35	19.5
		12	0	18.46	18.49	18.43	19.5
		12	6	18.34	18.36	18.38	19.5
		12	13	18.44	18.39	18.41	19.5
		25	0	18.4	18.33	18.34	19.5
	16QAM	1	0	18.57	18.3	18.7	19.5
		1	13	18.86	18.49	18.09	19.5
		1	24	18.75	18.8	18.66	19.5
		12	0	18.45	18.36	18.36	19.5
		12	6	18.41	18.52	18.37	19.5
		12	13	18.4	18.51	18.42	19.5
		25	0	18.27	18.36	18.21	19.5
	64QAM	1	0	18.58	18.31	18.11	19.5
		1	13	18.32	18.17	17.93	19.5
		1	24	18.33	18.28	18.5	19.5
		12	0	18.21	18.05	18.23	19.5
		12	6	18.16	18.2	18.15	19.5
		12	13	18.16	18.01	17.97	19.5
		25	0	18.26	18.24	18.12	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	18.52	18.33	18.39	19.5
		1	25	17.92	18.53	17.93	19.5
		1	49	18.34	18.25	18.28	19.5
		25	0	18.36	18.35	18.42	19.5
		25	13	18.39	18.46	18.3	19.5
		25	25	18.41	18.37	18.38	19.5
		50	0	18.36	18.39	18.38	19.5
	16QAM	1	0	18.87	18.42	18.62	19.5
		1	25	18.23	18.37	18.47	19.5
		1	49	18.78	18.74	18.34	19.5
		25	0	18.32	18.36	18.31	19.5
		25	13	18.35	18.27	18.32	19.5
		25	25	18.27	18.4	18.27	19.5
		50	0	18.36	18.39	18.19	19.5
	64QAM	1	0	18.52	18.33	18.16	19.5
		1	25	18.23	18.24	17.9	19.5
		1	49	18.34	18.34	18.51	19.5
		25	0	18.2	17.99	18.27	19.5
		25	13	18.22	18.24	18.16	19.5
		25	25	18.15	18.02	17.97	19.5
		50	0	18.34	18.21	18.1	19.5

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LTE Band 5 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.57	14.49	14.45	15.5
		1	2	13.81	13.37	13.88	15.5
		1	5	14.51	14.32	14.38	15.5
		3	0	14.35	14.43	14.34	15.5
		3	2	14.45	14.53	14.01	15.5
		3	3	14.23	14.54	14.26	15.5
		6	0	14.25	14.41	14.24	15.5
	16QAM	1	0	14.69	14.75	14.67	15.5
		1	2	14.48	14.28	14.1	15.5
		1	5	15.06	14.75	14.53	15.5
		3	0	14.2	13.8	14.38	15.5
		3	2	14.29	14.61	14.19	15.5
		3	3	14.32	14.24	14.27	15.5
		6	0	14.72	14.43	14.21	15.5
	64QAM	1	0	14.5	14.31	14.13	15.5
		1	2	14.24	14.19	13.98	15.5
		1	5	14.41	14.35	14.43	15.5
		3	0	14.23	13.98	14.19	15.5
		3	2	14.21	14.26	14.12	15.5
		3	3	14.11	14.07	13.97	15.5
		6	0	14.3	14.19	14.06	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.45	14.4	14.37	15.5
		1	7	13.83	14.48	12.9	15.5
		1	14	14.31	14.43	14.37	15.5
		8	0	14.4	14.29	14.23	15.5
		8	4	14.34	14.36	14.4	15.5
		8	7	14.05	14.5	14.22	15.5
		15	0	14.31	14.35	14.31	15.5
	16QAM	1	0	14.81	14.79	14.83	15.5
		1	7	14.93	15.32	14.38	15.5
		1	14	14.43	14.21	14.54	15.5
		8	0	14.2	14.54	14.3	15.5
		8	4	14.28	14.26	14.35	15.5
		8	7	14.27	14.5	14.29	15.5
		15	0	14.36	14.4	14.33	15.5
	64QAM	1	0	14.47	14.33	14.12	15.5
		1	7	14.21	14.12	13.97	15.5
		1	14	14.42	14.34	14.38	15.5
		8	0	14.21	14.03	14.18	15.5
		8	4	14.16	14.27	14.05	15.5
		8	7	14.17	14.11	13.97	15.5
		15	0	14.27	14.15	14.1	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.45	14.47	14.4	15.5
		1	13	14.46	14.45	14.34	15.5
		1	24	14.36	14.39	14.34	15.5
		12	0	14.41	14.4	14.26	15.5
		12	6	14.22	14.43	14.27	15.5
		12	13	14.37	14.46	14.33	15.5
		25	0	14.52	14.41	14.28	15.5
	16QAM	1	0	14.77	14.71	14.46	15.5
		1	13	14.39	14.85	14.6	15.5
		1	24	14.78	14.22	14.38	15.5
		12	0	14.52	14.47	14.36	15.5
		12	6	14.5	14.38	14.07	15.5
		12	13	14.43	14.4	14.3	15.5
		25	0	14.45	14.37	14.26	15.5
	64QAM	1	0	14.48	14.24	14.1	15.5
		1	13	14.2	14.12	14.03	15.5
		1	24	14.4	14.33	14.42	15.5
		12	0	14.22	13.95	14.19	15.5
		12	6	14.2	14.22	14.04	15.5
		12	13	14.14	14.06	13.95	15.5
		25	0	14.3	14.13	14.05	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.44	14.36	14.36	15.5
		1	25	14.32	13.71	13.7	15.5
		1	49	14.36	14.35	14.28	15.5
		25	0	14.43	14.39	14.34	15.5
		25	13	14.32	14.3	14.35	15.5
		25	25	14.38	14.39	14.35	15.5
		50	0	14.36	14.38	14.34	15.5
	16QAM	1	0	14.67	14.58	14.86	15.5
		1	25	14.01	14.27	14.54	15.5
		1	49	14.56	14.55	14.52	15.5
		25	0	14.42	14.25	14.4	15.5
		25	13	14.22	14.29	14.24	15.5
		25	25	14.31	14.33	14.19	15.5
		50	0	14.37	14.28	14.37	15.5
	64QAM	1	0	14.5	14.27	14.18	15.5
		1	25	14.23	14.12	14.01	15.5
		1	49	14.42	14.26	14.35	15.5
		25	0	14.23	13.96	14.22	15.5
		25	13	14.22	14.26	14.08	15.5
		25	25	14.14	14.06	13.95	15.5
		50	0	14.3	14.11	14.07	15.5

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LTE Band 5 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	14.44	14.47	14.41	15.5
		1	2	14.78	14.7	14.04	15.5
		1	5	14.38	14.41	14.37	15.5
		3	0	14.4	14.38	14.21	15.5
		3	2	14.46	14.12	14.2	15.5
		3	3	14.43	13.92	14.3	15.5
		6	0	14.52	14.47	14.2	15.5
	16QAM	1	0	15.04	14.96	14.05	15.5
		1	2	14.91	14.51	14.76	15.5
		1	5	14.36	14.81	14.52	15.5
		3	0	14.52	14.59	14.24	15.5
		3	2	14.42	14.63	14.45	15.5
		3	3	14.22	14.52	14.21	15.5
		6	0	14.21	14.58	14.34	15.5
	64QAM	1	0	14.45	14.29	14.06	15.5
		1	2	14.18	14.12	13.89	15.5
		1	5	14.39	14.35	14.34	15.5
		3	0	14.21	13.94	14.16	15.5
		3	2	14.15	14.25	14.05	15.5
		3	3	14.02	14	13.9	15.5
		6	0	14.24	14.12	14.02	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	14.39	14.38	14.23	15.5
		1	7	13.67	14.11	14.73	15.5
		1	14	14.49	14.33	14.28	15.5
		8	0	14.27	14.46	14.3	15.5
		8	4	14.32	14.22	14.17	15.5
		8	7	14.3	14.15	14.37	15.5
		15	0	14.43	14.47	14.3	15.5
	16QAM	1	0	14.78	14.88	14.41	15.5
		1	7	14.51	14.65	13.33	15.5
		1	14	14.37	14.7	14.72	15.5
		8	0	14.54	14.23	14.28	15.5
		8	4	14.46	14.11	14.17	15.5
		8	7	14.25	14.42	14.14	15.5
		15	0	14.38	14.27	14.24	15.5
	64QAM	1	0	14.44	14.3	14.08	15.5
		1	7	14.14	14.16	13.9	15.5
		1	14	14.34	14.26	14.36	15.5
		8	0	14.14	13.94	14.13	15.5
		8	4	14.16	14.25	14.07	15.5
		8	7	14.03	14.05	13.93	15.5
		15	0	14.25	14.14	13.96	15.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	14.51	14.37	14.32	15.5
		1	13	14.29	14.46	14.37	15.5
		1	24	14.3	14.4	14.32	15.5
		12	0	14.51	14.49	14.41	15.5
		12	6	14.24	14.42	14.36	15.5
		12	13	14.47	14.42	14.4	15.5
		25	0	14.31	14.37	14.34	15.5
	16QAM	1	0	14.58	14.74	14.79	15.5
		1	13	14.99	14.57	14.36	15.5
		1	24	14.63	14.48	14.39	15.5
		12	0	14.42	14.37	14.33	15.5
		12	6	14.59	14.33	14.37	15.5
		12	13	14.39	14.52	14.3	15.5
		25	0	14.34	14.29	14.27	15.5
	64QAM	1	0	14.43	14.3	14.11	15.5
		1	13	14.24	14.1	13.88	15.5
		1	24	14.33	14.34	14.42	15.5
		12	0	14.19	13.9	14.09	15.5
		12	6	14.13	14.17	14.06	15.5
		12	13	14.05	14.02	13.89	15.5
		25	0	14.26	14.13	14.03	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	14.47	14.46	14.32	15.5
		1	25	14.66	14.31	14.44	15.5
		1	49	14.36	14.37	14.23	15.5
		25	0	14.42	14.4	14.32	15.5
		25	13	14.49	14.42	14.45	15.5
		25	25	14.39	14.38	14.33	15.5
		50	0	14.48	14.38	14.44	15.5
	16QAM	1	0	14.42	15.05	14.72	15.5
		1	25	14.36	14.36	14.66	15.5
		1	49	14.5	14.9	14.46	15.5
		25	0	14.44	14.33	14.36	15.5
		25	13	14.16	14.25	14.24	15.5
		25	25	14.44	14.39	14.37	15.5
		50	0	14.29	14.27	14.22	15.5
	64QAM	1	0	14.49	14.23	14.09	15.5
		1	25	14.23	14.15	13.89	15.5
		1	49	14.32	14.25	14.42	15.5
		25	0	14.18	13.96	14.18	15.5
		25	13	14.16	14.17	14.11	15.5
		25	25	14.07	14	13.96	15.5
		50	0	14.26	14.18	14.06	15.5

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LTE Band 5 Receiver off（body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	18.44	18.53	18.28	19.5
		1	2	17.72	17.34	17.31	19.5
		1	5	18.5	18.41	18.35	19.5
		3	0	18.26	18.31	18.25	19.5
		3	2	17.83	17.45	18.15	19.5
		3	3	18.1	18.22	18.17	19.5
		6	0	18.3	18.24	18.43	19.5
	16QAM	1	0	18.95	18.47	18.64	19.5
		1	2	18.71	18.62	18.14	19.5
		1	5	18.87	18.86	18.74	19.5
		3	0	18.37	18.4	18.13	19.5
		3	2	17.82	18.99	18.25	19.5
		3	3	18.51	18.4	18.27	19.5
		6	0	18.1	18.35	18.12	19.5
	64QAM	1	0	18.58	18.32	18.16	19.5
		1	2	18.26	18.16	17.95	19.5
		1	5	18.33	18.34	18.48	19.5
		3	0	18.19	18.01	18.25	19.5
		3	2	18.21	18.19	18.19	19.5
		3	3	18.14	18.02	17.96	19.5
		6	0	18.27	18.2	18.16	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	18.58	18.34	18.35	19.5
		1	7	18.78	18.32	18.22	19.5
		1	14	18.39	18.34	18.33	19.5
		8	0	18.54	18.5	18.37	19.5
		8	4	18.12	18.39	17.99	19.5
		8	7	18.26	18.4	18.34	19.5
		15	0	18.46	18.42	18.39	19.5
	16QAM	1	0	18.75	18.22	18.65	19.5
		1	7	18.91	18.77	18.71	19.5
		1	14	18.25	18.31	18.65	19.5
		8	0	17.99	18.28	18.33	19.5
		8	4	18.42	18.24	18.24	19.5
		8	7	18.37	18.53	18.16	19.5
		15	0	18.4	18.4	18.3	19.5
	64QAM	1	0	18.58	18.33	18.12	19.5
		1	7	18.29	18.23	17.9	19.5
		1	14	18.34	18.34	18.46	19.5
		8	0	18.24	18.03	18.22	19.5
		8	4	18.25	18.24	18.16	19.5
		8	7	18.16	18.09	18.03	19.5
		15	0	18.36	18.21	18.15	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	18.36	18.43	18.18	19.5
		1	13	18.47	18.37	18.32	19.5
		1	24	18.36	18.41	18.35	19.5
		12	0	18.46	18.49	18.43	19.5
		12	6	18.34	18.36	18.38	19.5
		12	13	18.44	18.39	18.41	19.5
		25	0	18.4	18.33	18.34	19.5
	16QAM	1	0	18.57	18.3	18.7	19.5
		1	13	18.86	18.49	18.09	19.5
		1	24	18.75	18.8	18.66	19.5
		12	0	18.45	18.36	18.36	19.5
		12	6	18.41	18.52	18.37	19.5
		12	13	18.4	18.51	18.42	19.5
		25	0	18.27	18.36	18.21	19.5
	64QAM	1	0	18.58	18.31	18.11	19.5
		1	13	18.32	18.17	17.93	19.5
		1	24	18.33	18.28	18.5	19.5
		12	0	18.21	18.05	18.23	19.5
		12	6	18.16	18.2	18.15	19.5
		12	13	18.16	18.01	17.97	19.5
		25	0	18.26	18.24	18.12	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	18.52	18.33	18.39	19.5
		1	25	17.92	18.53	17.93	19.5
		1	49	18.34	18.25	18.28	19.5
		25	0	18.36	18.35	18.42	19.5
		25	13	18.39	18.46	18.3	19.5
		25	25	18.41	18.37	18.38	19.5
		50	0	18.36	18.39	18.38	19.5
	16QAM	1	0	18.87	18.42	18.62	19.5
		1	25	18.23	18.37	18.47	19.5
		1	49	18.78	18.74	18.34	19.5
		25	0	18.32	18.36	18.31	19.5
		25	13	18.35	18.27	18.32	19.5
		25	25	18.27	18.4	18.27	19.5
		50	0	18.36	18.39	18.19	19.5
	64QAM	1	0	18.52	18.33	18.16	19.5
		1	25	18.23	18.24	17.9	19.5
		1	49	18.34	18.34	18.51	19.5
		25	0	18.2	17.99	18.27	19.5
		25	13	18.22	18.24	18.16	19.5
		25	25	18.15	18.02	17.97	19.5
		50	0	18.34	18.21	18.1	19.5

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LTE Band 5 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.54	16.38	16.34	17.5
		1	2	16.6	16.68	16.53	17.5
		1	5	16.45	16.41	16.28	17.5
		3	0	16.43	16.43	16.36	17.5
		3	2	16.47	16.1	16.26	17.5
		3	3	16.37	16.43	16.22	17.5
		6	0	16.44	16.5	16.1	17.5
	16QAM	1	0	16.82	16.62	16.39	17.5
		1	2	16.69	15.89	15.98	17.5
		1	5	16.7	16.75	16.67	17.5
		3	0	16.66	15.74	16.2	17.5
		3	2	15.94	16.33	16.28	17.5
		3	3	16.41	16.39	16.46	17.5
		6	0	16.57	16.56	16.17	17.5
	64QAM	1	0	16.5	16.33	16.17	17.5
		1	2	16.23	16.23	16.03	17.5
		1	5	16.44	16.32	16.36	17.5
		3	0	16.28	16.04	16.16	17.5
		3	2	16.21	16.23	16.13	17.5
		3	3	16.2	16.18	16.05	17.5
		6	0	16.32	16.18	16.19	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.44	16.37	16.27	17.5
		1	7	15.27	16.41	14.98	17.5
		1	14	16.46	16.37	16.32	17.5
		8	0	16.37	16.45	16.2	17.5
		8	4	16.36	16.33	16.36	17.5
		8	7	16.39	16.43	16.43	17.5
		15	0	16.43	16.43	16.37	17.5
	16QAM	1	0	16.8	16.67	16.5	17.5
		1	7	16.42	16.24	16.18	17.5
		1	14	16.7	16.69	16.21	17.5
		8	0	16.38	15.95	16.16	17.5
		8	4	16.46	16.52	16.27	17.5
		8	7	16.33	16.46	16.45	17.5
		15	0	16.35	16.34	16.35	17.5
	64QAM	1	0	16.53	16.34	16.17	17.5
		1	7	16.19	16.25	16.04	17.5
		1	14	16.4	16.29	16.31	17.5
		8	0	16.28	16.04	16.18	17.5
		8	4	16.24	16.17	16.12	17.5
		8	7	16.17	16.19	16.04	17.5
		15	0	16.34	16.15	16.12	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.39	16.38	16.37	17.5
		1	13	16.41	16.54	16.35	17.5
		1	24	16.33	16.31	16.36	17.5
		12	0	16.41	16.49	16.52	17.5
		12	6	16.42	16.37	16.34	17.5
		12	13	16.41	16.46	16.35	17.5
		25	0	16.46	16.36	16.32	17.5
	16QAM	1	0	16.78	16.74	16.69	17.5
		1	13	16.86	16.76	16.66	17.5
		1	24	16.65	16.6	16.5	17.5
		12	0	16.59	16.41	16.26	17.5
		12	6	16.44	16.55	16.33	17.5
		12	13	16.44	16.39	16.55	17.5
		25	0	16.3	16.37	16.28	17.5
	64QAM	1	0	16.5	16.36	16.21	17.5
		1	13	16.24	16.22	16.02	17.5
		1	24	16.44	16.35	16.39	17.5
		12	0	16.31	16.06	16.19	17.5
		12	6	16.15	16.17	16.21	17.5
		12	13	16.22	16.19	16	17.5
		25	0	16.33	16.17	16.12	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.37	16.44	16.41	17.5
		1	25	16.41	15.93	15.51	17.5
		1	49	16.34	16.43	16.31	17.5
		25	0	16.44	16.34	16.33	17.5
		25	13	16.35	16.34	16.27	17.5
		25	25	16.37	16.44	16.35	17.5
		50	0	16.46	16.4	16.33	17.5
	16QAM	1	0	16.62	16.59	16.91	17.5
		1	25	16.74	16.65	15.8	17.5
		1	49	16.55	15.92	16.48	17.5
		25	0	16.45	16.35	16.39	17.5
		25	13	16.38	16.45	16.26	17.5
		25	25	16.4	16.35	16.26	17.5
		50	0	16.33	16.3	16.24	17.5
	64QAM	1	0	16.48	16.31	16.21	17.5
		1	25	16.25	16.22	15.98	17.5
		1	49	16.48	16.34	16.39	17.5
		25	0	16.25	16.05	16.16	17.5
		25	13	16.24	16.24	16.2	17.5
		25	25	16.14	16.19	15.95	17.5
		50	0	16.36	16.22	16.12	17.5

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LTE Band 5 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	16.45	16.47	16.3	17.5
		1	2	16.43	15.97	16.5	17.5
		1	5	16.39	16.44	16.34	17.5
		3	0	16.41	16.39	16.56	17.5
		3	2	16.05	16.25	16.22	17.5
		3	3	16.42	16.14	16.25	17.5
		6	0	16.01	16.23	16.23	17.5
	16QAM	1	0	16.98	16.89	16.68	17.5
		1	2	16.33	16.47	16.6	17.5
		1	5	16.5	16.87	16.86	17.5
		3	0	16.27	16.47	16.57	17.5
		3	2	16.65	17.07	16.19	17.5
		3	3	16.74	16.24	16.25	17.5
		6	0	15.91	16.37	16.28	17.5
	64QAM	1	0	16.44	16.28	16.13	17.5
		1	2	16.25	16.16	15.96	17.5
		1	5	16.46	16.31	16.39	17.5
		3	0	16.19	15.97	16.15	17.5
		3	2	16.17	16.19	16.13	17.5
		3	3	16.09	16.12	15.92	17.5
		6	0	16.28	16.18	16.09	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	16.5	16.57	16.37	17.5
		1	7	15.88	15.48	14.67	17.5
		1	14	16.41	16.49	16.3	17.5
		8	0	16.17	16.38	16.29	17.5
		8	4	16.53	16.2	16.31	17.5
		8	7	16.37	16.4	15.81	17.5
		15	0	16.28	16.4	16.46	17.5
	16QAM	1	0	16.39	16.4	16.87	17.5
		1	7	16.78	16.13	16.31	17.5
		1	14	16.9	16.77	16.85	17.5
		8	0	16.45	16.29	16.1	17.5
		8	4	16.27	16.37	16.37	17.5
		8	7	16.14	16.43	16.3	17.5
		15	0	16.32	16.34	16.32	17.5
	64QAM	1	0	16.45	16.31	16.17	17.5
		1	7	16.16	16.17	15.9	17.5
		1	14	16.46	16.27	16.36	17.5
		8	0	16.25	16.01	16.12	17.5
		8	4	16.2	16.21	16.19	17.5
		8	7	16.05	16.12	15.94	17.5
		15	0	16.32	16.2	16.05	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	16.36	16.39	16.34	17.5
		1	13	16.47	16.34	16.21	17.5
		1	24	16.33	16.47	16.36	17.5
		12	0	16.44	16.51	16.29	17.5
		12	6	16.37	16.38	16.35	17.5
		12	13	16.44	16.49	16.35	17.5
		25	0	16.28	16.44	16.34	17.5
	16QAM	1	0	16.69	16.92	16.7	17.5
		1	13	16.8	16.71	16.47	17.5
		1	24	16.21	16.36	16.66	17.5
		12	0	16.38	16.33	16.45	17.5
		12	6	16.4	16.5	16.31	17.5
		12	13	16.34	16.42	16.29	17.5
		25	0	16.44	16.27	16.24	17.5
	64QAM	1	0	16.42	16.25	16.12	17.5
		1	13	16.17	16.15	15.89	17.5
		1	24	16.44	16.28	16.39	17.5
		12	0	16.16	15.95	16.08	17.5
		12	6	16.19	16.24	16.17	17.5
		12	13	16.05	16.11	15.88	17.5
		25	0	16.33	16.18	16.1	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.49	16.45	16.37	17.5
		1	25	16.49	16.42	16	17.5
		1	49	16.24	16.31	16.25	17.5
		25	0	16.38	16.4	16.4	17.5
		25	13	16.29	16.39	16.38	17.5
		25	25	16.42	16.32	16.29	17.5
		50	0	16.38	16.45	16.4	17.5
	16QAM	1	0	16.66	16.75	16.77	17.5
		1	25	16.35	17.18	16.64	17.5
		1	49	16.79	16.46	16.74	17.5
		25	0	16.34	16.33	16.3	17.5
		25	13	16.44	16.4	16.09	17.5
		25	25	16.38	16.37	16.28	17.5
		50	0	16.2	16.33	16.23	17.5
	64QAM	1	0	16.44	16.22	16.2	17.5
		1	25	16.24	16.16	15.93	17.5
		1	49	16.47	16.29	16.32	17.5
		25	0	16.22	16.04	16.13	17.5
		25	13	16.24	16.16	16.19	17.5
		25	25	16.13	16.19	15.89	17.5
		50	0	16.3	16.16	16.12	17.5

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LTE Band 5 Receiver off (body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	20.5	20.39	20.41	21.5
		1	2	20.04	20	19.98	21.5
		1	5	20.47	20.44	20.3	21.5
		3	0	20.68	20.3	20.37	21.5
		3	2	20.36	19.66	20.52	21.5
		3	3	20.54	20.29	20.27	21.5
		6	0	20.29	20.33	20.3	21.5
	16QAM	1	0	20.81	20.92	20.41	21.5
		1	2	20.34	20.29	20.01	21.5
		1	5	21.02	20.4	20.22	21.5
		3	0	20.28	20.3	20.31	21.5
		3	2	19.77	20.72	19.8	21.5
		3	3	20.53	19.95	20.19	21.5
		6	0	20.43	20.34	20.03	21.5
	64QAM	1	0	20.43	20.22	20.06	21.5
		1	2	20.17	20.07	19.89	21.5
		1	5	20.46	20.26	20.38	21.5
		3	0	20.11	19.88	20.08	21.5
		3	2	20.08	20.16	20.11	21.5
		3	3	20	20.12	19.84	21.5
		6	0	20.23	20.13	20.06	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	20.54	20.41	20.17	21.5
		1	7	20.3	19.82	19.9	21.5
		1	14	20.29	20.29	20.4	21.5
		8	0	20.48	20.33	20.42	21.5
		8	4	20.45	20.47	20.42	21.5
		8	7	20.23	20.44	20.19	21.5
		15	0	20.38	20.5	20.35	21.5
	16QAM	1	0	21.03	20.91	20.67	21.5
		1	7	20.58	21.51	19.83	21.5
		1	14	20.41	20.62	20.64	21.5
		8	0	20.41	20.28	20.34	21.5
		8	4	20.27	20.38	20.22	21.5
		8	7	20.35	20.26	20.33	21.5
		15	0	20.28	20.46	20.39	21.5
	64QAM	1	0	20.41	20.23	20.05	21.5
		1	7	20.17	20.11	19.88	21.5
		1	14	20.44	20.21	20.38	21.5
		8	0	20.15	19.93	20.07	21.5
		8	4	20.12	20.14	20.11	21.5
		8	7	20.06	20.08	19.85	21.5
		15	0	20.23	20.1	20.04	21.5
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	20.49	20.44	20.34	21.5
		1	13	20.42	20.4	20.32	21.5
		1	24	20.49	20.35	20.32	21.5
		12	0	20.4	20.42	20.36	21.5
		12	6	20.31	20.28	20.29	21.5
		12	13	20.48	20.46	20.3	21.5
		25	0	20.45	20.41	20.38	21.5
	16QAM	1	0	20.96	20.29	20.21	21.5
		1	13	20.71	20.82	20.61	21.5
		1	24	20.93	20.61	20.52	21.5
		12	0	20.45	20.47	20.44	21.5
		12	6	20.42	20.22	20.12	21.5
		12	13	20.45	20.46	20.22	21.5
		25	0	20.23	20.32	20.2	21.5
	64QAM	1	0	20.36	20.23	20.04	21.5
		1	13	20.16	20.07	19.87	21.5
		1	24	20.38	20.23	20.37	21.5
		12	0	20.16	19.91	20.09	21.5
		12	6	20.15	20.12	20.07	21.5
		12	13	20.01	20.11	19.87	21.5
		25	0	20.25	20.12	20.04	21.5

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Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	20.51	20.44	20.33	21.5
		1	25	19.99	20.39	20.22	21.5
		1	49	20.29	20.33	20.27	21.5
		25	0	20.43	20.41	20.35	21.5
		25	13	20.33	20.28	20.35	21.5
		25	25	20.45	20.33	20.33	21.5
		50	0	20.43	20.46	20.32	21.5
	16QAM	1	0	20.78	20.89	20.76	21.5
		1	25	21.08	20.69	20.31	21.5
		1	49	20.59	20.81	20.59	21.5
		25	0	20.43	20.4	20.41	21.5
		25	13	20.47	20.26	20.1	21.5
		25	25	20.34	20.3	20.31	21.5
		50	0	20.35	20.32	20.22	21.5
	64QAM	1	0	20.44	20.24	20.09	21.5
		1	25	20.18	20.1	19.94	21.5
		1	49	20.38	20.25	20.35	21.5
		25	0	20.17	19.94	20.14	21.5
		25	13	20.15	20.18	20.03	21.5
		25	25	20.07	20.04	19.89	21.5
		50	0	20.21	20.09	20.03	21.5

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LTE Band 7 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	15.58	15.67	15.62	16.3
		1	13	15.67	15.68	15.65	16.3
		1	24	15.69	15.71	15.66	16.3
		12	0	15.67	15.75	15.68	16.3
		12	6	15.61	15.66	15.59	16.3
		12	13	15.68	15.73	15.67	16.3
		25	0	15.64	15.7	15.62	16.3
	16QAM	1	0	15.84	15.92	15.96	16.3
		1	13	15.93	15.85	15.84	16.3
		1	24	16.09	16.02	15.96	16.3
		12	0	15.66	15.69	15.65	16.3
		12	6	15.64	15.68	15.64	16.3
		12	13	15.66	15.65	15.62	16.3
		25	0	15.59	15.64	15.65	16.3
	64QAM	1	0	15.12	15.08	14.98	16.3
		1	13	14.52	14.73	14.6	16.3
		1	24	15.04	15.22	15.25	16.3
		12	0	14.74	14.76	14.85	16.3
		12	6	14.74	14.79	14.88	16.3
		12	13	14.62	14.8	14.92	16.3
		25	0	14.7	14.73	14.88	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.66	15.57	15.64	16.3
		1	25	15.37	15.3	15.39	16.3
		1	49	15.67	15.66	15.68	16.3
		25	0	15.65	15.69	15.61	16.3
		25	13	15.64	15.69	15.66	16.3
		25	25	15.72	15.72	15.68	16.3
		50	0	15.66	15.71	15.62	16.3
	16QAM	1	0	15.82	15.93	15.91	16.3
		1	25	15.73	15.68	15.78	16.3
		1	49	15.95	15.87	15.89	16.3
		25	0	15.64	15.64	15.53	16.3
		25	13	15.67	15.62	15.6	16.3
		25	25	15.62	15.65	15.64	16.3
		50	0	15.63	15.59	15.54	16.3
	64QAM	1	0	15.12	15.08	14.98	16.3
		1	25	14.52	14.73	14.6	16.3
		1	49	15.04	15.22	15.25	16.3
		25	0	14.74	14.76	14.85	16.3
		25	13	14.74	14.79	14.88	16.3
		25	25	14.62	14.8	14.92	16.3
		50	0	14.7	14.73	14.88	16.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.62	15.63	15.55	16.3
		1	38	15.7	15.71	15.68	16.3
		1	74	15.62	15.74	15.68	16.3
		36	0	15.73	15.7	15.66	16.3
		36	18	15.7	15.74	15.67	16.3
		36	39	15.77	15.78	15.77	16.3
		75	0	15.7	15.7	15.65	16.3
	16QAM	1	0	15.99	15.93	15.88	16.3
		1	38	15.91	16.03	15.89	16.3
		1	74	15.9	15.98	15.98	16.3
		36	0	15.65	15.67	15.61	16.3
		36	18	15.64	15.73	15.63	16.3
		36	39	15.72	15.67	15.7	16.3
		75	0	15.64	15.65	15.58	16.3
	64QAM	1	0	15.12	15.08	14.98	16.3
		1	38	14.52	14.73	14.6	16.3
		1	74	15.04	15.22	15.25	16.3
		36	0	14.74	14.76	14.85	16.3
		36	18	14.74	14.79	14.88	16.3
		36	39	14.62	14.8	14.92	16.3
		75	0	14.7	14.73	14.88	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	15.69	15.67	15.71	16.3
		1	50	15.49	15.51	15.36	16.3
		1	99	15.8	**15.89**	15.87	16.3
		50	0	15.67	15.71	15.65	16.3
		50	25	15.65	15.72	15.7	16.3
		50	50	15.74	**15.79**	15.77	16.3
		100	0	15.68	15.69	15.64	16.3
	16QAM	1	0	16.05	15.93	15.99	16.3
		1	50	15.53	15.65	15.9	16.3
		1	99	16.2	16.16	16.08	16.3
		50	0	15.63	15.6	15.56	16.3
		50	25	15.58	15.65	15.63	16.3
		50	50	15.63	15.67	15.7	16.3
		100	0	15.6	15.63	15.58	16.3
	64QAM	1	0	15.12	15.08	14.98	16.3
		1	50	14.52	14.73	14.6	16.3
		1	99	15.04	15.22	15.25	16.3
		50	0	14.74	14.76	14.85	16.3
		50	25	14.74	14.79	14.88	16.3
		50	50	14.62	14.8	14.92	16.3
		100	0	14.7	14.73	14.88	16.3

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LTE Band 7 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	14.58	14.69	14.64	15.3
		1	13	14.64	14.61	14.68	15.3
		1	24	14.66	14.67	14.62	15.3
		12	0	14.66	14.72	14.66	15.3
		12	6	14.54	14.67	14.63	15.3
		12	13	14.72	14.76	14.66	15.3
		25	0	14.68	14.66	14.62	15.3
	16QAM	1	0	14.86	14.99	14.84	15.3
		1	13	14.95	14.99	14.99	15.3
		1	24	14.89	14.97	14.93	15.3
		12	0	14.67	14.74	14.66	15.3
		12	6	14.61	14.68	14.67	15.3
		12	13	14.69	14.65	14.65	15.3
		25	0	14.57	14.65	14.61	15.3
	64QAM	1	0	14.17	14.15	14.08	15.3
		1	13	13.54	13.77	13.65	15.3
		1	24	13.96	14.22	14.33	15.3
		12	0	13.87	13.88	13.95	15.3
		12	6	13.73	13.8	13.87	15.3
		12	13	13.75	13.77	13.91	15.3
		25	0	13.75	13.76	13.95	15.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	14.59	14.56	14.62	15.3
		1	25	14.62	14.38	14.64	15.3
		1	49	14.63	14.67	14.68	15.3
		25	0	14.68	14.69	14.66	15.3
		25	13	14.68	14.69	14.68	15.3
		25	25	14.67	14.73	14.68	15.3
		50	0	14.65	14.66	14.62	15.3
	16QAM	1	0	14.8	14.91	14.9	15.3
		1	25	14.67	14.81	14.58	15.3
		1	49	14.94	14.93	14.96	15.3
		25	0	14.58	14.61	14.61	15.3
		25	13	14.62	14.6	14.62	15.3
		25	25	14.63	14.65	14.64	15.3
		50	0	14.59	14.57	14.62	15.3
	64QAM	1	0	14.18	14.14	14.13	15.3
		1	25	13.56	13.75	13.65	15.3
		1	49	14	14.22	14.31	15.3
		25	0	13.82	13.87	13.87	15.3
		25	13	13.69	13.81	13.91	15.3
		25	25	13.75	13.82	13.94	15.3
		50	0	13.74	13.78	13.94	15.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	14.62	14.6	14.56	15.3
		1	38	14.69	14.77	14.7	15.3
		1	74	14.66	14.71	14.72	15.3
		36	0	14.7	14.68	14.66	15.3
		36	18	14.7	14.71	14.65	15.3
		36	39	14.74	14.75	14.72	15.3
		75	0	14.72	14.7	14.69	15.3
	16QAM	1	0	14.88	14.92	14.96	15.3
		1	38	14.95	15.03	14.88	15.3
		1	74	14.92	15.06	14.95	15.3
		36	0	14.64	14.65	14.6	15.3
		36	18	14.68	14.66	14.64	15.3
		36	39	14.7	14.73	14.67	15.3
		75	0	14.6	14.62	14.64	15.3
	64QAM	1	0	14.2	14.15	14.12	15.3
		1	38	13.6	13.72	13.71	15.3
		1	74	14.01	14.22	14.29	15.3
		36	0	13.8	13.88	13.92	15.3
		36	18	13.77	13.83	13.88	15.3
		36	39	13.72	13.74	13.98	15.3
		75	0	13.81	13.81	13.93	15.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	14.69	14.71	14.67	15.3
		1	50	14.52	14.54	14.47	15.3
		1	99	14.8	**14.94**	14.89	15.3
		50	0	14.7	14.68	14.65	15.3
		50	25	14.68	14.71	14.61	15.3
		50	50	14.71	**14.72**	14.69	15.3
		100	0	14.75	14.7	14.66	15.3
	16QAM	1	0	14.9	14.93	15.05	15.3
		1	50	14.7	14.7	14.55	15.3
		1	99	15.06	15.11	15.17	15.3
		50	0	14.61	14.64	14.58	15.3
		50	25	14.64	14.62	14.56	15.3
		50	50	14.65	14.66	14.63	15.3
		100	0	14.68	14.67	14.6	15.3
	64QAM	1	0	14.18	14.12	14.07	15.3
		1	50	13.59	13.75	13.68	15.3
		1	99	14.05	14.25	14.31	15.3
		50	0	13.8	13.79	13.88	15.3
		50	25	13.75	13.82	13.89	15.3
		50	50	13.69	13.82	13.99	15.3
		100	0	13.79	13.75	13.89	15.3

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LTE Band 7 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	18.18	18.11	17.9	19.3
		1	13	18.11	18.21	17.99	19.3
		1	24	18.06	18.3	17.95	19.3
		12	0	18.21	18.18	18.04	19.3
		12	6	18.17	18.16	18.04	19.3
		12	13	18.23	18.19	18.14	19.3
		25	0	18.18	18.17	18.12	19.3
	16QAM	1	0	18.51	18.18	18.15	19.3
		1	13	18.19	18.5	18.27	19.3
		1	24	18.4	18.48	18.22	19.3
		12	0	18.23	18.16	18.05	19.3
		12	6	18.12	18.15	18.05	19.3
		12	13	18.13	18.17	18.02	19.3
		25	0	18.13	18.1	17.93	19.3
	64QAM	1	0	18.24	18.1	18.11	19.3
		1	13	17.57	17.78	17.71	19.3
		1	24	18	18.25	18.29	19.3
		12	0	17.84	17.87	17.9	19.3
		12	6	17.75	17.82	17.89	19.3
		12	13	17.75	17.78	17.94	19.3
		25	0	17.79	17.83	17.91	19.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	18.03	18.17	17.9	19.3
		1	25	18.31	18.25	17.97	19.3
		1	49	18.2	18.13	18.07	19.3
		25	0	18.24	18.13	18.04	19.3
		25	13	18.2	18.21	18.09	19.3
		25	25	18.13	18.19	18	19.3
		50	0	18.15	18.18	17.94	19.3
	16QAM	1	0	18.47	18.3	18.35	19.3
		1	25	18.46	17.74	17.31	19.3
		1	49	18.56	18.29	18.27	19.3
		25	0	18.22	18.13	17.98	19.3
		25	13	18.22	18.14	18.1	19.3
		25	25	18.09	18.2	18.12	19.3
		50	0	18.06	18.15	17.97	19.3
	64QAM	1	0	18.22	18.13	18.14	19.3
		1	25	17.6	17.78	17.73	19.3
		1	49	18.05	18.27	18.33	19.3
		25	0	17.89	17.85	17.94	19.3
		25	13	17.76	17.78	17.93	19.3
		25	25	17.75	17.77	17.96	19.3
		50	0	17.78	17.79	17.91	19.3

Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	18.05	18.03	18.01	19.3
		1	38	18.28	18.27	18.11	19.3
		1	74	18.25	17.96	18.02	19.3
		36	0	18.28	18.23	18.08	19.3
		36	18	18.23	18.12	18.07	19.3
		36	39	18.22	18.14	18.06	19.3
		75	0	18.22	18.22	18.03	19.3
	16QAM	1	0	18.42	18.45	18.49	19.3
		1	38	18.35	18.46	18.43	19.3
		1	74	17.77	18.41	18.37	19.3
		36	0	18.14	18.06	18.1	19.3
		36	18	18.1	18.22	17.96	19.3
		36	39	18.16	18.06	17.99	19.3
		75	0	18.12	18.19	18.01	19.3
	64QAM	1	0	18.22	18.14	18.11	19.3
		1	38	17.57	17.78	17.73	19.3
		1	74	18.03	18.25	18.28	19.3
		36	0	17.86	17.87	17.95	19.3
		36	18	17.75	17.8	17.9	19.3
		36	39	17.73	17.79	17.95	19.3
		75	0	17.79	17.79	17.93	19.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.23	18.27	18.14	19.3
		1	50	17.91	18.27	17.47	19.3
		1	99	**18.28**	18.19	18.07	19.3
		50	0	**18.22**	18.16	18.13	19.3
		50	25	18.18	18.15	18.14	19.3
		50	50	18.19	18.15	18.12	19.3
		100	0	**18.2**	18.12	18.04	19.3
	16QAM	1	0	18.68	18.62	18.5	19.3
		1	50	18.29	18.1	17.86	19.3
		1	99	18.24	18.3	18.41	19.3
		50	0	18.12	18.13	18.04	19.3
		50	25	18.16	18.17	17.96	19.3
		50	50	18.08	18.11	18.1	19.3
		100	0	18.15	18.06	17.96	19.3
	64QAM	1	0	18.26	18.16	18.14	19.3
		1	50	17.61	17.82	17.73	19.3
		1	99	18.05	18.29	18.34	19.3
		50	0	17.89	17.89	17.95	19.3
		50	25	17.79	17.84	17.93	19.3
		50	50	17.77	17.82	18	19.3
		100	0	17.82	17.84	17.96	19.3

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LTE Band 7 Receiver off (body or limbs) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	15.1	15.02	15.05	16.3
		1	13	14.99	15.16	14.99	16.3
		1	24	15.26	15.25	15	16.3
		12	0	15.18	15.16	15.08	16.3
		12	6	15.18	15.01	15.02	16.3
		12	13	15.23	15.08	15.08	16.3
		25	0	15.07	15.16	15.06	16.3
	16QAM	1	0	15.23	15.13	15.41	16.3
		1	13	15.4	15.31	15.41	16.3
		1	24	15.4	15.39	15.06	16.3
		12	0	15.25	15.21	15	16.3
		12	6	15.12	15.14	15.03	16.3
		12	13	15.2	15.12	14.96	16.3
		25	0	15.13	15.18	14.94	16.3
	64QAM	1	0	15.17	15.16	15.1	16.3
		1	13	14.6	14.78	14.66	16.3
		1	24	14.97	15.22	15.25	16.3
		12	0	14.85	14.88	14.91	16.3
		12	6	14.78	14.81	14.86	16.3
		12	13	14.75	14.73	14.92	16.3
		25	0	14.73	14.84	14.93	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.11	15.01	15.02	16.3
		1	25	14.99	15.01	14.4	16.3
		1	49	15.11	15.01	14.89	16.3
		25	0	15.1	15.1	15.02	16.3
		25	13	15.23	15.14	15.05	16.3
		25	25	15.2	15.13	14.97	16.3
		50	0	15.05	15.13	15.05	16.3
	16QAM	1	0	15.46	14.96	15.34	16.3
		1	25	14.51	14.19	14.72	16.3
		1	49	15.45	15.44	15.13	16.3
		25	0	15.07	14.99	15.1	16.3
		25	13	15.12	15.09	14.87	16.3
		25	25	15	15.11	14.87	16.3
		50	0	14.99	15.1	14.9	16.3
	64QAM	1	0	15.26	15.13	15.08	16.3
		1	25	14.6	14.8	14.67	16.3
		1	49	14.97	15.21	15.24	16.3
		25	0	14.88	14.79	14.87	16.3
		25	13	14.75	14.76	14.85	16.3
		25	25	14.71	14.77	14.94	16.3
		50	0	14.8	14.76	14.95	16.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.07	15.05	14.94	16.3
		1	38	15.14	15.18	15.06	16.3
		1	74	15.21	15.21	15.05	16.3
		36	0	15.13	15.14	15.08	16.3
		36	18	15.22	15.16	15.04	16.3
		36	39	15.16	15.13	15.05	16.3
		75	0	15.11	15.06	15.04	16.3
	16QAM	1	0	15.02	15.24	15.34	16.3
		1	38	15.49	15.67	15.4	16.3
		1	74	15.39	15.62	15.21	16.3
		36	0	15.16	15.11	14.98	16.3
		36	18	15.15	15.16	14.98	16.3
		36	39	15.2	15.09	15.11	16.3
		75	0	15.18	15.14	14.94	16.3
	64QAM	1	0	15.17	15.11	15.14	16.3
		1	38	14.56	14.75	14.71	16.3
		1	74	15.03	15.19	15.25	16.3
		36	0	14.81	14.87	14.88	16.3
		36	18	14.76	14.82	14.84	16.3
		36	39	14.69	14.8	14.92	16.3
		75	0	14.77	14.75	14.87	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	**15.3**	15.2	15.21	16.3
		1	50	15.08	15.09	14.96	16.3
		1	99	15.19	15.13	15.08	16.3
		50	0	**15.28**	15.12	15.01	16.3
		50	25	15.11	15.25	14.99	16.3
		50	50	15.19	15.16	15.12	16.3
		100	0	**15.17**	15.14	15.04	16.3
	16QAM	1	0	15.55	15.12	15.44	16.3
		1	50	15.39	14.22	15.27	16.3
		1	99	15.63	15.4	15.24	16.3
		50	0	15.22	15.06	14.9	16.3
		50	25	15.14	15.17	14.91	16.3
		50	50	15.01	15.04	14.95	16.3
		100	0	15.09	15.11	14.99	16.3
	64QAM	1	0	15.19	15.09	15.05	16.3
		1	50	14.58	14.76	14.66	16.3
		1	99	15.03	15.23	15.25	16.3
		50	0	14.89	14.79	14.87	16.3
		50	25	14.76	14.75	14.92	16.3
		50	50	14.75	14.77	14.99	16.3
		100	0	14.73	14.77	14.89	16.3

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LTE Band 7 Receiver off (body or limbs) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	13.13	13.23	13.07	14.3
		1	13	13.27	13.26	12.68	14.3
		1	24	13.01	12.96	12.78	14.3
		12	0	13.18	13.19	13.07	14.3
		12	6	13.22	13.1	12.94	14.3
		12	13	13.2	13.13	13.03	14.3
		25	0	13.12	13.14	13.11	14.3
	16QAM	1	0	13.57	13.65	13.29	14.3
		1	13	13.65	13.67	13.68	14.3
		1	24	13.48	13.4	13.39	14.3
		12	0	13.27	13.07	13.13	14.3
		12	6	13.12	13.18	13.07	14.3
		12	13	13.18	13.22	13.02	14.3
		25	0	13.18	13.15	13.07	14.3
	64QAM	1	0	13.18	13.02	13.02	14.3
		1	13	12.51	12.68	12.61	14.3
		1	24	13	13.21	13.24	14.3
		12	0	12.82	12.76	12.85	14.3
		12	6	12.72	12.67	12.89	14.3
		12	13	12.69	12.76	12.91	14.3
		25	0	12.65	12.76	12.86	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.17	13.06	13.24	14.3
		1	25	12.45	12.38	12.18	14.3
		1	49	12.95	13.19	13.11	14.3
		25	0	13.23	13.23	12.95	14.3
		25	13	13.25	13.08	13.1	14.3
		25	25	13.2	13.13	13.16	14.3
		50	0	13.15	13.11	13.09	14.3
	16QAM	1	0	13.39	12.99	13.04	14.3
		1	25	12.73	12.71	11.84	14.3
		1	49	13.81	13.65	13.52	14.3
		25	0	13.08	13.22	12.99	14.3
		25	13	13.09	13.14	13.05	14.3
		25	25	13.08	13.19	12.98	14.3
		50	0	13.11	13.24	12.89	14.3
	64QAM	1	0	13.19	13.05	13.01	14.3
		1	25	12.48	12.67	12.57	14.3
		1	49	13.01	13.15	13.2	14.3
		25	0	12.82	12.72	12.85	14.3
		25	13	12.75	12.73	12.91	14.3
		25	25	12.69	12.69	12.92	14.3
		50	0	12.69	12.71	12.81	14.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.14	12.96	12.93	14.3
		1	38	13.08	13.05	12.95	14.3
		1	74	13.36	12.98	12.91	14.3
		36	0	13.14	13.25	13	14.3
		36	18	13.13	13.17	12.97	14.3
		36	39	13.29	13.22	13.14	14.3
		75	0	13.14	13.24	13.09	14.3
	16QAM	1	0	13.52	13.32	13.09	14.3
		1	38	13.39	13.33	12.98	14.3
		1	74	13.41	13.37	12.88	14.3
		36	0	13.1	13.05	13.01	14.3
		36	18	13.19	13.04	13.06	14.3
		36	39	13.08	13.1	13.09	14.3
		75	0	13.17	13.15	13.02	14.3
	64QAM	1	0	13.11	13.07	12.99	14.3
		1	38	12.53	12.67	12.57	14.3
		1	74	12.99	13.13	13.16	14.3
		36	0	12.81	12.76	12.85	14.3
		36	18	12.76	12.75	12.85	14.3
		36	39	12.71	12.67	12.94	14.3
		75	0	12.65	12.76	12.85	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	13.23	**13.31**	13.04	14.3
		1	50	12.58	12.92	13.21	14.3
		1	99	13.17	13.28	13.17	14.3
		50	0	13.12	13.1	12.96	14.3
		50	25	13.17	13.1	13.07	14.3
		50	50	13.16	**13.19**	13.03	14.3
		100	0	13.16	**13.22**	13.06	14.3
	16QAM	1	0	13.36	13.06	13.39	14.3
		1	50	13.67	13.2	13.45	14.3
		1	99	13.05	13.44	13.43	14.3
		50	0	13.14	13.14	12.96	14.3
		50	25	13.04	13.05	12.97	14.3
		50	50	13.16	13.15	12.93	14.3
		100	0	13.14	13.25	12.95	14.3
	64QAM	1	0	13.16	13.08	13.03	14.3
		1	50	12.5	12.74	12.59	14.3
		1	99	12.98	13.18	13.22	14.3
		50	0	12.87	12.73	12.82	14.3
		50	25	12.73	12.7	12.84	14.3
		50	50	12.69	12.7	12.97	14.3
		100	0	12.69	12.7	12.87	14.3

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LTE Band 7 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.37	12.39	12.3	13.8
		1	13	12.5	12.2	12.11	13.8
		1	24	12	12.22	11.95	13.8
		12	0	12.37	12.28	12.21	13.8
		12	6	12.25	12.42	12.09	13.8
		12	13	12.39	12.36	12.17	13.8
		25	0	12.35	12.37	12.18	13.8
	16QAM	1	0	12.86	12.84	12.1	13.8
		1	13	12.78	12.27	12.99	13.8
		1	24	12.99	12.46	12.7	13.8
		12	0	12.32	12.36	12.17	13.8
		12	6	12.2	12.34	11.82	13.8
		12	13	12.52	12.33	12.13	13.8
		25	0	12.4	12.19	12.02	13.8
	64QAM	1	0	12.39	12.31	12.28	13.8
		1	13	11.77	11.96	11.84	13.8
		1	24	12.21	12.39	12.43	13.8
		12	0	12.09	11.97	12.03	13.8
		12	6	11.96	11.97	12.06	13.8
		12	13	11.92	11.99	12.17	13.8
		25	0	11.96	11.99	12.11	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	12.43	12.2	12.11	13.8
		1	25	11.73	11.62	12.03	13.8
		1	49	12.38	12.42	12.24	13.8
		25	0	12.31	12.38	12.11	13.8
		25	13	12.22	12.35	12.12	13.8
		25	25	12.42	12.29	12.23	13.8
		50	0	12.34	12.4	12.12	13.8
	16QAM	1	0	12.17	11.99	12.71	13.8
		1	25	11.23	11.68	12.04	13.8
		1	49	12.96	12.28	12.4	13.8
		25	0	12.11	12.05	12.16	13.8
		25	13	12.35	12.2	12.16	13.8
		25	25	12.13	12.16	12.11	13.8
		50	0	12.32	12.04	12.14	13.8
	64QAM	1	0	12.43	12.27	12.3	13.8
		1	25	11.79	11.94	11.79	13.8
		1	49	12.23	12.46	12.49	13.8
		25	0	12.12	11.96	12.03	13.8
		25	13	11.96	11.98	12.05	13.8
		25	25	11.91	11.94	12.18	13.8
		50	0	11.97	11.93	12.14	13.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.35	12.3	11.83	13.8
		1	38	12.05	12.36	12.27	13.8
		1	74	12.42	12.27	12.24	13.8
		36	0	12.32	12.23	12.24	13.8
		36	18	12.4	12.32	12.14	13.8
		36	39	12.31	12.24	12.18	13.8
		75	0	12.34	12.34	12.14	13.8
	16QAM	1	0	12.66	12.54	12.66	13.8
		1	38	12.8	12.47	12.64	13.8
		1	74	12.66	12.25	12.6	13.8
		36	0	12.32	12.42	12.04	13.8
		36	18	12.3	12.28	12.05	13.8
		36	39	12.16	12.25	12.06	13.8
		75	0	12.16	12.35	12.11	13.8
	64QAM	1	0	12.42	12.31	12.23	13.8
		1	38	11.77	11.93	11.88	13.8
		1	74	12.24	12.43	12.42	13.8
		36	0	12.15	11.97	12.08	13.8
		36	18	11.93	11.94	12.06	13.8
		36	39	11.95	11.91	12.26	13.8
		75	0	11.94	11.92	12.12	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.33	12.5	12.2	13.8
		1	50	12.61	11.7	12.65	13.8
		1	99	12.35	12.42	12.23	13.8
		50	0	12.31	12.35	12.08	13.8
		50	25	12.3	12.28	12.12	13.8
		50	50	12.3	12.39	12.19	13.8
		100	0	12.28	12.29	12.21	13.8
	16QAM	1	0	12.72	12.31	12.14	13.8
		1	50	12.29	12.63	11.89	13.8
		1	99	12.41	12.24	13.13	13.8
		50	0	12.1	12.24	12.12	13.8
		50	25	12.33	12.23	12.12	13.8
		50	50	12.33	12.07	12.04	13.8
		100	0	12.28	12.2	12.03	13.8
	64QAM	1	0	12.4	12.34	12.3	13.8
		1	50	11.7	11.96	11.79	13.8
		1	99	12.27	12.37	12.5	13.8
		50	0	12.16	11.95	12.1	13.8
		50	25	11.94	11.98	12.08	13.8
		50	50	11.95	12	12.17	13.8
		100	0	11.89	11.95	12.16	13.8

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LTE Band 7 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	11.05	11.24	11.13	12.8
		1	13	11.39	11.31	11.2	12.8
		1	24	11.52	11.18	11.01	12.8
		12	0	11.45	11.33	11.18	12.8
		12	6	11.41	10.65	11.2	12.8
		12	13	11.37	11.3	11.17	12.8
		25	0	11.21	11.26	11.12	12.8
	16QAM	1	0	11.59	11.56	11.3	12.8
		1	13	11.51	11.55	11.29	12.8
		1	24	11.89	11.94	11.28	12.8
		12	0	11.32	11.16	11.19	12.8
		12	6	11.42	11.18	10.91	12.8
		12	13	11.41	11.29	11.13	12.8
		25	0	11.22	11.12	11.21	12.8
	64QAM	1	0	11.36	11.21	11.25	12.8
		1	13	10.69	10.94	10.76	12.8
		1	24	11.12	11.38	11.41	12.8
		12	0	11.04	10.94	11	12.8
		12	6	10.95	10.95	10.99	12.8
		12	13	10.9	10.94	11.14	12.8
		25	0	10.92	10.94	11.06	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.46	11.38	10.96	12.8
		1	25	11.59	11.14	11.16	12.8
		1	49	11.26	11.45	11.18	12.8
		25	0	11.31	11.34	11.18	12.8
		25	13	11.32	11.26	11.1	12.8
		25	25	11.25	11.29	11.05	12.8
		50	0	11.27	11.31	11.09	12.8
	16QAM	1	0	11.59	11.24	11.89	12.8
		1	25	11.58	10.7	12.01	12.8
		1	49	10.88	11.81	11.69	12.8
		25	0	11.21	11.33	11.22	12.8
		25	13	11.31	11.22	11.15	12.8
		25	25	11.23	11.26	11.08	12.8
		50	0	11.28	11.18	11.08	12.8
	64QAM	1	0	11.39	11.23	11.27	12.8
		1	25	10.73	10.87	10.81	12.8
		1	49	11.11	11.31	11.39	12.8
		25	0	11.02	10.92	11.02	12.8
		25	13	10.87	10.87	11.03	12.8
		25	25	10.83	10.99	11.1	12.8
		50	0	10.93	10.98	11.06	12.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.37	11.26	11.14	12.8
		1	38	11.22	11.45	10.88	12.8
		1	74	11.27	11.35	11.19	12.8
		36	0	11.32	11.37	11.1	12.8
		36	18	11.31	11.36	11.25	12.8
		36	39	11.32	11.35	11.19	12.8
		75	0	11.35	11.32	11.12	12.8
	16QAM	1	0	11.21	11.65	11.29	12.8
		1	38	11.73	11.94	11.28	12.8
		1	74	12.03	11.74	11.19	12.8
		36	0	11.23	11.2	11.15	12.8
		36	18	11.35	11.27	11.17	12.8
		36	39	11.14	11.29	11.16	12.8
		75	0	11.35	11.25	11.1	12.8
	64QAM	1	0	11.3	11.22	11.23	12.8
		1	38	10.74	10.88	10.77	12.8
		1	74	11.21	11.39	11.41	12.8
		36	0	10.99	10.88	11	12.8
		36	18	10.92	10.95	10.98	12.8
		36	39	10.92	10.98	11.09	12.8
		75	0	10.92	10.9	11.04	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	11.33	11.41	11.18	12.8
		1	50	11.6	10.84	11.38	12.8
		1	99	11.29	11.42	11.09	12.8
		50	0	11.38	11.34	11.17	12.8
		50	25	11.3	11.23	11.13	12.8
		50	50	11.3	11.27	11.2	12.8
		100	0	11.33	11.31	11.14	12.8
	16QAM	1	0	12.41	11.7	11.47	12.8
		1	50	10.29	11.13	11.77	12.8
		1	99	11.28	11.61	11.77	12.8
		50	0	11.28	11.19	11.04	12.8
		50	25	11.21	11.19	11.08	12.8
		50	50	11.28	11.23	11.19	12.8
		100	0	11.22	11.23	10.94	12.8
	64QAM	1	0	11.32	11.24	11.2	12.8
		1	50	10.69	10.86	10.77	12.8
		1	99	11.16	11.33	11.39	12.8
		50	0	11.07	10.9	10.94	12.8
		50	25	10.91	10.94	10.96	12.8
		50	50	10.89	10.89	11.14	12.8
		100	0	10.87	10.96	11.1	12.8

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LTE Band 7 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	10.26	10.08	10.17	11.8
		1	13	10.05	10.3	10.2	11.8
		1	24	10.44	10.37	9.81	11.8
		12	0	10.24	10.29	10.2	11.8
		12	6	10.32	10.36	10.22	11.8
		12	13	10.34	10.33	10.13	11.8
		25	0	10.31	10.27	10.14	11.8
	16QAM	1	0	10.94	11	10.34	11.8
		1	13	11.19	10.75	10.47	11.8
		1	24	10.81	10.44	10.21	11.8
		12	0	10.33	10.26	10.32	11.8
		12	6	10.14	10.09	10.09	11.8
		12	13	10.18	10.29	10.04	11.8
		25	0	10.35	10.34	10.17	11.8
	64QAM	1	0	10.31	10.17	10.14	11.8
		1	13	9.66	9.78	9.7	11.8
		1	24	10.16	10.29	10.37	11.8
		12	0	10.01	9.86	9.88	11.8
		12	6	9.81	9.87	9.92	11.8
		12	13	9.8	9.8	10.05	11.8
		25	0	9.86	9.87	10.02	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	10.08	10.38	10.06	11.8
		1	25	10.65	9.46	9.97	11.8
		1	49	10.48	10.04	9.91	11.8
		25	0	10.38	10.27	10.25	11.8
		25	13	10.33	10.21	10.03	11.8
		25	25	10.35	10.28	10.21	11.8
		50	0	10.2	10.26	10.19	11.8
	16QAM	1	0	10.98	10.56	10.95	11.8
		1	25	9.51	10.42	9.94	11.8
		1	49	10.56	10.43	10.74	11.8
		25	0	10.28	10.26	10.03	11.8
		25	13	10.13	10.31	10.01	11.8
		25	25	10.26	10.35	10.09	11.8
		50	0	10.12	10.14	10.01	11.8
	64QAM	1	0	10.32	10.21	10.12	11.8
		1	25	9.6	9.78	9.76	11.8
		1	49	10.07	10.32	10.36	11.8
		25	0	10	9.87	9.89	11.8
		25	13	9.91	9.9	9.95	11.8
		25	25	9.89	9.82	10.12	11.8
		50	0	9.78	9.95	10.03	11.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	10.25	10.25	10.2	11.8
		1	38	10.35	10.34	10.19	11.8
		1	74	10.4	10.31	10.12	11.8
		36	0	10.33	10.27	10.16	11.8
		36	18	10.24	10.2	10.11	11.8
		36	39	10.26	10.33	10.23	11.8
		75	0	10.23	10.31	10.14	11.8
	16QAM	1	0	11.26	10.55	10.42	11.8
		1	38	10.78	11.06	10.77	11.8
		1	74	10.93	10.88	10.68	11.8
		36	0	10.24	10.28	9.94	11.8
		36	18	10.26	10.28	10.08	11.8
		36	39	10.26	10.32	10.11	11.8
		75	0	10.24	10.17	10.07	11.8
	64QAM	1	0	10.27	10.16	10.15	11.8
		1	38	9.62	9.86	9.76	11.8
		1	74	10.15	10.27	10.33	11.8
		36	0	10.05	9.82	9.88	11.8
		36	18	9.89	9.84	9.95	11.8
		36	39	9.79	9.86	10.12	11.8
		75	0	9.77	9.9	10.01	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	10.35	10.23	10.28	11.8
		1	50	9.86	10.06	9.58	11.8
		1	99	10.46	10.13	10.53	11.8
		50	0	10.4	10.27	10.21	11.8
		50	25	10.26	10.38	10.2	11.8
		50	50	10.24	10.32	10.18	11.8
		100	0	10.31	10.28	10.25	11.8
	16QAM	1	0	10.75	11.27	10.68	11.8
		1	50	10.58	10.25	10.01	11.8
		1	99	10.6	10.58	10.7	11.8
		50	0	10.2	10.3	10.13	11.8
		50	25	10.28	10.17	9.96	11.8
		50	50	10.21	10.22	10.17	11.8
		100	0	10.33	10.23	10.07	11.8
	64QAM	1	0	10.3	10.15	10.12	11.8
		1	50	9.59	9.77	9.71	11.8
		1	99	10.06	10.25	10.34	11.8
		50	0	10.06	9.82	9.9	11.8
		50	25	9.87	9.86	9.87	11.8
		50	50	9.83	9.85	10.12	11.8
		100	0	9.87	9.9	10.08	11.8

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LTE Band 7 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	9.44	9.09	9.08	10.8
		1	13	9.05	9.21	8.92	10.8
		1	24	8.96	9	8.76	10.8
		12	0	9.28	9.16	9.06	10.8
		12	6	9.16	9.05	8.93	10.8
		12	13	9.03	9.13	8.72	10.8
		25	0	9.12	9.23	8.87	10.8
	16QAM	1	0	9.93	9.51	8.88	10.8
		1	13	9.74	9.04	9.44	10.8
		1	24	8.76	9.75	9.07	10.8
		12	0	9.24	9.23	9.18	10.8
		12	6	9.12	9.08	9.02	10.8
		12	13	9.09	9.16	8.79	10.8
		25	0	9.15	9.21	8.93	10.8
	64QAM	1	0	9.22	9.16	9.12	10.8
		1	13	8.61	8.68	8.67	10.8
		1	24	9.14	9.2	9.27	10.8
		12	0	9.01	8.85	8.8	10.8
		12	6	8.77	8.86	8.87	10.8
		12	13	8.71	8.78	8.99	10.8
		25	0	8.84	8.84	9.01	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	9.61	9.32	9.78	10.8
		1	25	9.24	9.23	9.05	10.8
		1	49	9.05	8.93	8.6	10.8
		25	0	9.29	9.43	9.26	10.8
		25	13	9.21	9.23	8.97	10.8
		25	25	8.92	9.1	8.74	10.8
		50	0	9.01	9.27	8.98	10.8
	16QAM	1	0	9.8	9.51	10.46	10.8
		1	25	9.71	9.47	9.19	10.8
		1	49	9.69	8.98	8.76	10.8
		25	0	9.36	9.42	9.31	10.8
		25	13	9.27	9.23	9.03	10.8
		25	25	8.93	9.15	8.72	10.8
		50	0	9.03	9.29	9.04	10.8
	64QAM	1	0	9.28	9.14	9.06	10.8
		1	25	8.65	8.73	8.7	10.8
		1	49	9.08	9.27	9.36	10.8
		25	0	8.93	8.77	8.87	10.8
		25	13	8.72	8.8	8.9	10.8
		25	25	8.79	8.76	8.98	10.8
		50	0	8.76	8.82	8.95	10.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	9.63	9.36	10.17	10.8
		1	38	9.26	9.37	9.22	10.8
		1	74	9.32	9.19	8.8	10.8
		36	0	9.28	9.28	9.71	10.8
		36	18	9.2	9.34	9.13	10.8
		36	39	9.31	9.32	8.92	10.8
		75	0	9.36	9.45	9.11	10.8
	16QAM	1	0	10.34	9.63	10.82	10.8
		1	38	9.4	9.59	9.68	10.8
		1	74	9.45	9.63	9.01	10.8
		36	0	9.28	9.28	9.82	10.8
		36	18	9.3	9.38	9.12	10.8
		36	39	9.33	9.32	8.95	10.8
		75	0	9.34	9.38	9.1	10.8
	64QAM	1	0	9.3	9.12	9.06	10.8
		1	38	8.63	8.69	8.61	10.8
		1	74	9.07	9.26	9.3	10.8
		36	0	9	8.76	8.84	10.8
		36	18	8.8	8.77	8.88	10.8
		36	39	8.75	8.74	8.95	10.8
		75	0	8.77	8.82	8.99	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	9.57	9.69	9.86	10.8
		1	50	9.36	9.37	9.49	10.8
		1	99	9.59	9.64	9.14	10.8
		50	0	9.41	9.59	9.93	10.8
		50	25	9.5	9.4	9.33	10.8
		50	50	9.37	9.45	9.25	10.8
		100	0	9.1	9.66	9.55	10.8
	16QAM	1	0	9.85	10.02	10.26	10.8
		1	50	10.07	9.63	9.79	10.8
		1	99	10.1	10.42	9.76	10.8
		50	0	9.45	9.61	9.91	10.8
		50	25	9.5	9.42	9.26	10.8
		50	50	9.3	9.44	9.29	10.8
		100	0	9.09	9.6	9.53	10.8
	64QAM	1	0	9.26	9.17	9.06	10.8
		1	50	8.57	8.72	8.64	10.8
		1	99	9.07	9.2	9.36	10.8
		50	0	9	8.81	8.84	10.8
		50	25	8.74	8.78	8.89	10.8
		50	50	8.8	8.79	9	10.8
		100	0	8.86	8.84	9.02	10.8

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LTE Band 7 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	13.32	13.2	13.16	14.8
		1	13	13.24	13.31	13.11	14.8
		1	24	13.23	13.28	13.12	14.8
		12	0	13.3	13.38	13.13	14.8
		12	6	13.28	13.2	13.14	14.8
		12	13	13.34	13.24	13.23	14.8
		25	0	13.25	13.17	13.14	14.8
	16QAM	1	0	13.73	13.55	13.06	14.8
		1	13	13.26	13.32	13.52	14.8
		1	24	13.6	13.39	13.47	14.8
		12	0	13.29	13.34	13.06	14.8
		12	6	13.4	13.15	13.14	14.8
		12	13	13.27	13.12	13.13	14.8
		25	0	13.34	13.23	12.98	14.8
	64QAM	1	0	13.45	13.44	13.39	14.8
		1	13	12.82	12.96	12.91	14.8
		1	24	13.43	13.42	13.56	14.8
		12	0	13.26	13.11	13.08	14.8
		12	6	13.06	13.13	13.11	14.8
		12	13	12.97	12.99	13.23	14.8
		25	0	13.09	13.08	13.23	14.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.32	13.24	12.99	14.8
		1	25	12.66	13.08	12.57	14.8
		1	49	13.3	13.16	13.13	14.8
		25	0	13.34	13.23	13.12	14.8
		25	13	13.31	13.32	13.12	14.8
		25	25	13.42	13.27	13.2	14.8
		50	0	13.3	13.24	13.12	14.8
	16QAM	1	0	13.72	13.52	13.71	14.8
		1	25	14.09	13.67	14.22	14.8
		1	49	13.2	13.58	13.35	14.8
		25	0	13.29	13.31	13.04	14.8
		25	13	13.12	13.28	13.1	14.8
		25	25	13.25	13.07	13.1	14.8
		50	0	13.26	13.06	13.06	14.8
	64QAM	1	0	13.44	13.36	13.33	14.8
		1	25	12.91	12.93	12.96	14.8
		1	49	13.36	13.47	13.54	14.8
		25	0	13.24	13.15	13.01	14.8
		25	13	13.03	13.14	13.13	14.8
		25	25	12.98	13.06	13.24	14.8
		50	0	13.09	13.08	13.27	14.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.27	13.13	13.28	14.8
		1	38	13.27	13.35	13.34	14.8
		1	74	13.18	13.4	13.09	14.8
		36	0	13.33	13.32	13.19	14.8
		36	18	13.35	13.23	13.12	14.8
		36	39	13.39	13.29	13.12	14.8
		75	0	13.4	13.27	13.11	14.8
	16QAM	1	0	13.69	13.61	13.14	14.8
		1	38	13.97	13.8	13.78	14.8
		1	74	13.68	13.66	13.49	14.8
		36	0	13.32	13.22	13.15	14.8
		36	18	13.33	13.2	13.05	14.8
		36	39	13.32	13.25	13.12	14.8
		75	0	13.2	13.21	13.16	14.8
	64QAM	1	0	13.43	13.43	13.41	14.8
		1	38	12.89	12.92	12.88	14.8
		1	74	13.4	13.46	13.55	14.8
		36	0	13.27	13.07	13.08	14.8
		36	18	13.03	13.08	13.09	14.8
		36	39	12.98	13.05	13.24	14.8
		75	0	13.13	13.06	13.23	14.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	13.22	13.29	13.34	14.8
		1	50	13.68	13.1	12.78	14.8
		1	99	13.32	13.41	13.37	14.8
		50	0	13.36	13.33	13.14	14.8
		50	25	13.29	13.33	13.08	14.8
		50	50	13.33	13.28	13.22	14.8
		100	0	13.36	13.2	13.14	14.8
	16QAM	1	0	13.81	12.95	13.36	14.8
		1	50	13.16	13.5	13.88	14.8
		1	99	13.58	13.88	13.66	14.8
		50	0	13.32	13.2	13.08	14.8
		50	25	13.24	13.12	13.03	14.8
		50	50	13.26	13.25	13.2	14.8
		100	0	13.29	13.31	13.1	14.8
	64QAM	1	0	13.44	13.44	13.33	14.8
		1	50	12.83	12.97	12.9	14.8
		1	99	13.4	13.46	13.54	14.8
		50	0	13.28	13.09	13.07	14.8
		50	25	13.02	13.07	13.08	14.8
		50	50	12.93	12.98	13.27	14.8
		100	0	13.08	13.04	13.24	14.8

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LTE Band 7 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.25	12.34	12.04	13.8
		1	13	12.43	12.31	12.23	13.8
		1	24	12.56	12.4	12.16	13.8
		12	0	12.25	12.27	12.16	13.8
		12	6	12.26	12.3	12.07	13.8
		12	13	12.21	12.27	12.21	13.8
		25	0	12.23	12.33	12.12	13.8
	16QAM	1	0	12.65	12.94	12.34	13.8
		1	13	12.65	12.9	12.33	13.8
		1	24	12.26	12.75	12.19	13.8
		12	0	12.31	12.3	12.2	13.8
		12	6	12.18	11.91	12.11	13.8
		12	13	12.28	12.32	12.11	13.8
		25	0	12.26	12.15	11.98	13.8
	64QAM	1	0	12.35	12.36	12.31	13.8
		1	13	11.79	11.95	11.83	13.8
		1	24	12.38	12.39	12.52	13.8
		12	0	12.24	12.06	12.07	13.8
		12	6	12.05	12.07	12.02	13.8
		12	13	11.96	11.91	12.13	13.8
		25	0	12.03	12.01	12.17	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.9	12.36	12.21	13.8
		1	25	12.27	11.99	11.99	13.8
		1	49	12.15	12.11	12.22	13.8
		25	0	12.33	12.24	12.12	13.8
		25	13	12.25	12.32	12.06	13.8
		25	25	12.41	12.34	12.08	13.8
		50	0	12.25	12.21	12.08	13.8
	16QAM	1	0	12.85	12.48	12.17	13.8
		1	25	13.11	12.32	12.33	13.8
		1	49	12.58	12.32	12.75	13.8
		25	0	12.32	12.15	12.12	13.8
		25	13	12.31	12.19	12.14	13.8
		25	25	12.28	12.2	12.11	13.8
		50	0	12.24	12.29	12.05	13.8
	64QAM	1	0	12.42	12.42	12.34	13.8
		1	25	11.76	11.89	11.89	13.8
		1	49	12.38	12.39	12.51	13.8
		25	0	12.17	12.02	12.03	13.8
		25	13	11.99	12.07	12.1	13.8
		25	25	11.96	11.91	12.19	13.8
		50	0	12.02	11.99	12.16	13.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.24	12.22	12.18	13.8
		1	38	12.28	12.36	12.22	13.8
		1	74	11.91	12.26	12.23	13.8
		36	0	12.31	12.35	12.16	13.8
		36	18	12.43	12.23	12.18	13.8
		36	39	12.44	12.24	12.24	13.8
		75	0	12.29	12.31	12.14	13.8
	16QAM	1	0	12.53	12.26	12.64	13.8
		1	38	13.4	12.91	12.41	13.8
		1	74	12.41	12.43	12.86	13.8
		36	0	12.31	12.32	12.08	13.8
		36	18	12.36	12.26	12.12	13.8
		36	39	12.33	12.24	12.12	13.8
		75	0	12.19	12.19	12.07	13.8
	64QAM	1	0	12.44	12.39	12.37	13.8
		1	38	11.8	11.87	11.85	13.8
		1	74	12.42	12.39	12.54	13.8
		36	0	12.24	12.08	11.99	13.8
		36	18	12.06	12.13	12.09	13.8
		36	39	11.95	11.96	12.21	13.8
		75	0	12.07	12.06	12.17	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.35	12.38	12.22	13.8
		1	50	12.12	12.34	11.94	13.8
		1	99	12.19	12.27	12.24	13.8
		50	0	12.43	12.42	12.17	13.8
		50	25	12.38	12.35	12.09	13.8
		50	50	12.29	12.25	12.21	13.8
		100	0	12.37	12.28	12.23	13.8
	16QAM	1	0	12.78	12.92	12.92	13.8
		1	50	12.84	11.3	11.13	13.8
		1	99	12.96	12.72	12.03	13.8
		50	0	12.38	12.12	11.98	13.8
		50	25	12.15	12.21	12.11	13.8
		50	50	12.33	12.18	12.03	13.8
		100	0	12.38	12.15	12.09	13.8
	64QAM	1	0	12.43	12.42	12.32	13.8
		1	50	11.81	11.87	11.85	13.8
		1	99	12.42	12.41	12.56	13.8
		50	0	12.2	12.05	12.01	13.8
		50	25	11.97	12.09	12.09	13.8
		50	50	11.91	11.99	12.22	13.8
		100	0	12.08	12.06	12.23	13.8

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LTE Band 7 Receiver off （body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	15.73	15.87	15.64	17.3
		1	13	15.94	15.79	15.65	17.3
		1	24	15.91	15.71	15.59	17.3
		12	0	15.9	15.89	15.62	17.3
		12	6	15.78	15.74	15.77	17.3
		12	13	15.91	15.77	15.72	17.3
		25	0	15.81	15.71	15.6	17.3
	16QAM	1	0	16.14	16.07	15.36	17.3
		1	13	16.02	16.09	16.34	17.3
		1	24	15.88	16.33	15.78	17.3
		12	0	15.87	15.77	15.49	17.3
		12	6	15.87	15.83	15.46	17.3
		12	13	15.89	15.78	15.73	17.3
		25	0	15.8	15.68	15.61	17.3
	64QAM	1	0	15.83	15.77	15.72	17.3
		1	13	15.26	15.37	15.24	17.3
		1	24	15.78	15.82	16	17.3
		12	0	15.69	15.51	15.56	17.3
		12	6	15.51	15.49	15.5	17.3
		12	13	15.44	15.38	15.63	17.3
		25	0	15.47	15.48	15.66	17.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.68	15.68	15.64	17.3
		1	25	15.62	15.88	15.2	17.3
		1	49	15.92	15.79	15.59	17.3
		25	0	15.9	15.84	15.55	17.3
		25	13	15.93	15.82	15.72	17.3
		25	25	15.83	15.76	15.74	17.3
		50	0	15.91	15.76	15.58	17.3
	16QAM	1	0	16.03	16.01	15.89	17.3
		1	25	15.96	15.51	15.86	17.3
		1	49	16.03	15.75	15.38	17.3
		25	0	15.84	15.71	15.65	17.3
		25	13	15.7	15.65	15.68	17.3
		25	25	15.86	15.71	15.67	17.3
		50	0	15.71	15.74	15.66	17.3
	64QAM	1	0	15.76	15.78	15.76	17.3
		1	25	15.21	15.38	15.27	17.3
		1	49	15.85	15.82	15.94	17.3
		25	0	15.7	15.46	15.5	17.3
		25	13	15.53	15.48	15.45	17.3
		25	25	15.42	15.36	15.58	17.3
		50	0	15.44	15.45	15.62	17.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.69	15.73	15.56	17.3
		1	38	15.81	15.84	15.72	17.3
		1	74	15.82	15.82	15.75	17.3
		36	0	15.86	15.89	15.61	17.3
		36	18	15.84	15.74	15.68	17.3
		36	39	15.86	15.78	15.74	17.3
		75	0	15.82	15.78	15.66	17.3
	16QAM	1	0	16.4	15.94	15.73	17.3
		1	38	16.49	15.87	15.8	17.3
		1	74	15.97	15.93	16.14	17.3
		36	0	15.81	15.74	15.68	17.3
		36	18	15.67	15.82	15.63	17.3
		36	39	15.75	15.72	15.65	17.3
		75	0	15.66	15.61	15.6	17.3
	64QAM	1	0	15.82	15.86	15.8	17.3
		1	38	15.25	15.43	15.26	17.3
		1	74	15.84	15.84	15.93	17.3
		36	0	15.72	15.53	15.48	17.3
		36	18	15.55	15.47	15.45	17.3
		36	39	15.45	15.41	15.6	17.3
		75	0	15.48	15.51	15.63	17.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	15.9	15.83	15.67	17.3
		1	50	15.32	15.18	15.35	17.3
		1	99	15.92	15.84	15.84	17.3
		50	0	15.88	15.88	15.67	17.3
		50	25	15.72	15.82	15.64	17.3
		50	50	15.83	15.76	15.7	17.3
		100	0	15.9	15.78	15.68	17.3
	16QAM	1	0	16.4	16.25	15.52	17.3
		1	50	15.68	16	15.5	17.3
		1	99	16.36	15.67	16.45	17.3
		50	0	15.85	15.75	15.62	17.3
		50	25	15.82	15.67	15.57	17.3
		50	50	15.77	15.75	15.65	17.3
		100	0	15.9	15.87	15.66	17.3
	64QAM	1	0	15.84	15.82	15.81	17.3
		1	50	15.25	15.4	15.29	17.3
		1	99	15.8	15.8	16	17.3
		50	0	15.72	15.48	15.55	17.3
		50	25	15.5	15.56	15.51	17.3
		50	50	15.44	15.37	15.6	17.3
		100	0	15.46	15.43	15.59	17.3

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LTE Band 7 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.55	12.27	12.01	13.8
		1	13	12.26	12.4	12.05	13.8
		1	24	12.57	12.4	11.99	13.8
		12	0	12.35	12.31	12.08	13.8
		12	6	12.27	12.24	12.15	13.8
		12	13	12.42	12.32	12.15	13.8
		25	0	12.3	12.21	12.12	13.8
	16QAM	1	0	12.95	12.41	12.7	13.8
		1	13	12.84	13.05	12.55	13.8
		1	24	12.68	12.08	12.88	13.8
		12	0	12.23	12.07	12.19	13.8
		12	6	12.37	12.34	12.08	13.8
		12	13	12.57	12.37	12.13	13.8
		25	0	12.29	12.26	12.11	13.8
	64QAM	1	0	12.45	12.38	12.4	13.8
		1	13	11.86	12.02	11.89	13.8
		1	24	12.45	12.49	12.63	13.8
		12	0	12.24	12.07	12.11	13.8
		12	6	12.14	12.11	12.03	13.8
		12	13	12.06	11.99	12.23	13.8
		25	0	12.05	12.09	12.27	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	12.36	12.21	12.12	13.8
		1	25	11.8	12.1	12	13.8
		1	49	12.65	12.22	12.06	13.8
		25	0	12.35	12.25	12.09	13.8
		25	13	12.39	12.42	12.17	13.8
		25	25	12.34	12.31	12.19	13.8
		50	0	12.35	12.29	12.08	13.8
	16QAM	1	0	12.49	11.99	12.56	13.8
		1	25	12.94	12.55	12.19	13.8
		1	49	12.4	13.26	12.5	13.8
		25	0	12.15	12.16	12.06	13.8
		25	13	12.09	12.23	11.89	13.8
		25	25	12.33	12.21	12.02	13.8
		50	0	12.07	12.13	12.06	13.8
	64QAM	1	0	12.42	12.4	12.39	13.8
		1	25	11.88	11.99	11.92	13.8
		1	49	12.41	12.46	12.59	13.8
		25	0	12.25	12.14	12.11	13.8
		25	13	12.13	12.1	12.09	13.8
		25	25	11.97	12	12.14	13.8
		50	0	12.1	12.01	12.17	13.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.15	12.13	12.11	13.8
		1	38	11.95	12.25	12.07	13.8
		1	74	12.02	12.27	12.19	13.8
		36	0	12.37	12.26	12.18	13.8
		36	18	12.23	12.23	12.09	13.8
		36	39	12.34	12.31	12.25	13.8
		75	0	12.28	12.26	12.07	13.8
	16QAM	1	0	12.38	12.33	12.1	13.8
		1	38	12.61	12.45	12.43	13.8
		1	74	13	12.64	12.6	13.8
		36	0	12.29	12.3	12.17	13.8
		36	18	12.29	12.21	12.09	13.8
		36	39	12.2	12.26	12.16	13.8
		75	0	12.25	12.27	12.08	13.8
	64QAM	1	0	12.41	12.47	12.34	13.8
		1	38	11.87	12	11.85	13.8
		1	74	12.42	12.49	12.54	13.8
		36	0	12.33	12.09	12.11	13.8
		36	18	12.08	12.1	12.09	13.8
		36	39	11.97	11.98	12.14	13.8
		75	0	12.06	12.04	12.21	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.36	12.44	11.99	13.8
		1	50	11.36	12.24	12	13.8
		1	99	12.27	12.19	11.98	13.8
		50	0	12.27	12.27	12.23	13.8
		50	25	12.35	12.21	12.12	13.8
		50	50	12.31	12.32	12.25	13.8
		100	0	12.39	12.34	12.18	13.8
	16QAM	1	0	12.93	12.73	12.89	13.8
		1	50	12.93	12.66	12.49	13.8
		1	99	12.7	12.93	12.46	13.8
		50	0	12.26	12.25	12.14	13.8
		50	25	12.4	12.09	11.99	13.8
		50	50	12.28	12.31	12.23	13.8
		100	0	12.24	12.3	12.02	13.8
	64QAM	1	0	12.42	12.37	12.37	13.8
		1	50	11.81	12.03	11.87	13.8
		1	99	12.41	12.42	12.61	13.8
		50	0	12.27	12.14	12.14	13.8
		50	25	12.06	12.1	12.1	13.8
		50	50	12	12.01	12.23	13.8
		100	0	12.04	12.09	12.17	13.8

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LTE Band 7 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	11.25	11.37	10.92	12.8
		1	13	11.27	11.3	10.99	12.8
		1	24	11.32	11.26	11.2	12.8
		12	0	11.32	11.38	11.25	12.8
		12	6	11.11	11.22	11.17	12.8
		12	13	11.34	11.34	11.14	12.8
		25	0	11.28	11.33	11.07	12.8
	16QAM	1	0	11.33	11.18	11.27	12.8
		1	13	12.04	11.91	11.53	12.8
		1	24	11.44	11.24	11.2	12.8
		12	0	11.47	11.22	11.26	12.8
		12	6	11.27	11.03	11.14	12.8
		12	13	11.23	11.29	11.05	12.8
		25	0	11.28	11.2	11.06	12.8
	64QAM	1	0	11.4	11.27	11.27	12.8
		1	13	10.7	10.91	10.84	12.8
		1	24	11.23	11.43	11.41	12.8
		12	0	11.12	10.9	10.98	12.8
		12	6	10.97	10.96	11.04	12.8
		12	13	10.9	10.92	11.18	12.8
		25	0	10.9	11.01	11.15	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.4	11.24	11.3	12.8
		1	25	11.12	11.41	10.62	12.8
		1	49	11.28	10.97	10.93	12.8
		25	0	11.35	11.31	11.16	12.8
		25	13	11.27	11.4	11.08	12.8
		25	25	11.32	11.26	11.04	12.8
		50	0	11.36	11.33	11.23	12.8
	16QAM	1	0	11.69	11.2	11.37	12.8
		1	25	11.5	11.45	10.69	12.8
		1	49	11.86	11.64	11.5	12.8
		25	0	11.22	11.09	11.06	12.8
		25	13	11.32	11.24	11.03	12.8
		25	25	11.38	11.14	11.04	12.8
		50	0	11.07	11.32	10.94	12.8
	64QAM	1	0	11.35	11.29	11.24	12.8
		1	25	10.75	10.89	10.82	12.8
		1	49	11.23	11.33	11.47	12.8
		25	0	11.1	10.92	11.03	12.8
		25	13	11.01	11.02	11.04	12.8
		25	25	10.94	10.94	11.17	12.8
		50	0	10.93	11.03	11.11	12.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.25	11.15	10.84	12.8
		1	38	11.33	10.96	11.12	12.8
		1	74	11.24	11.1	11.24	12.8
		36	0	11.4	11.38	11.06	12.8
		36	18	11.39	11.33	11.15	12.8
		36	39	11.41	11.32	11.15	12.8
		75	0	11.28	11.28	11.19	12.8
	16QAM	1	0	11.67	11.56	11.54	12.8
		1	38	11.17	11.38	11.03	12.8
		1	74	11.52	11.89	11.45	12.8
		36	0	11.27	11.22	10.97	12.8
		36	18	11.23	11.2	11.02	12.8
		36	39	11.3	11.1	11.13	12.8
		75	0	11.31	11.15	11.14	12.8
	64QAM	1	0	11.34	11.32	11.29	12.8
		1	38	10.76	10.92	10.82	12.8
		1	74	11.16	11.35	11.45	12.8
		36	0	11.14	10.94	10.97	12.8
		36	18	10.98	10.96	11.05	12.8
		36	39	10.97	10.97	11.17	12.8
		75	0	10.96	10.99	11.14	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	11.49	11.34	11.3	12.8
		1	50	11	11.32	11.62	12.8
		1	99	11.15	11.03	11.4	12.8
		50	0	11.38	11.35	11.18	12.8
		50	25	11.29	11.23	11.15	12.8
		50	50	11.31	11.41	11.23	12.8
		100	0	11.33	11.32	11.17	12.8
	16QAM	1	0	11.57	11.73	11.13	12.8
		1	50	11.72	11.24	11.5	12.8
		1	99	11.69	11.4	11.53	12.8
		50	0	11.23	11.21	11.04	12.8
		50	25	11.29	11.3	11.1	12.8
		50	50	11.2	11.22	11.11	12.8
		100	0	11.25	11.22	11.18	12.8
	64QAM	1	0	11.39	11.28	11.3	12.8
		1	50	10.74	10.96	10.78	12.8
		1	99	11.24	11.35	11.43	12.8
		50	0	11.14	10.97	11.04	12.8
		50	25	10.95	11	10.97	12.8
		50	50	10.98	10.95	11.19	12.8
		100	0	10.97	11.05	11.12	12.8

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LTE Band 7 Receiver off (body or limbs) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	14.88	14.75	14.67	16.3
		1	13	14.87	14.72	14.69	16.3
		1	24	14.85	14.77	14.68	16.3
		12	0	14.82	14.84	14.73	16.3
		12	6	14.94	14.7	14.61	16.3
		12	13	14.87	14.83	14.67	16.3
		25	0	14.88	14.69	14.66	16.3
	16QAM	1	0	15.15	15.09	14.9	16.3
		1	13	15.38	15.08	15.09	16.3
		1	24	15.21	15.17	14.89	16.3
		12	0	14.88	14.83	14.64	16.3
		12	6	14.9	14.72	14.29	16.3
		12	13	14.84	14.81	14.67	16.3
		25	0	14.86	14.81	14.55	16.3
	64QAM	1	0	14.83	14.69	14.8	16.3
		1	13	14.15	14.39	14.26	16.3
		1	24	14.69	14.78	14.88	16.3
		12	0	14.6	14.39	14.47	16.3
		12	6	14.36	14.49	14.4	16.3
		12	13	14.42	14.44	14.62	16.3
		25	0	14.46	14.55	14.57	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	14.9	14.72	14.65	16.3
		1	25	14.75	15.14	14.12	16.3
		1	49	14.76	14.86	14.67	16.3
		25	0	14.92	14.86	14.68	16.3
		25	13	14.74	14.73	14.7	16.3
		25	25	14.88	14.73	14.7	16.3
		50	0	14.88	14.8	14.67	16.3
	16QAM	1	0	15.37	14.9	15.1	16.3
		1	25	15.1	15.19	15.44	16.3
		1	49	14.63	15.35	14.91	16.3
		25	0	14.87	14.91	14.51	16.3
		25	13	14.68	14.63	14.6	16.3
		25	25	14.83	14.82	14.72	16.3
		50	0	14.83	14.73	14.58	16.3
	64QAM	1	0	14.86	14.69	14.74	16.3
		1	25	14.19	14.42	14.26	16.3
		1	49	14.69	14.79	14.91	16.3
		25	0	14.62	14.41	14.46	16.3
		25	13	14.4	14.43	14.45	16.3
		25	25	14.45	14.44	14.6	16.3
		50	0	14.38	14.46	14.6	16.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	14.87	14.75	14.53	16.3
		1	38	14.82	14.84	14.75	16.3
		1	74	14.77	14.79	14.65	16.3
		36	0	14.87	14.75	14.69	16.3
		36	18	14.78	14.85	14.64	16.3
		36	39	14.85	14.71	14.68	16.3
		75	0	14.91	14.76	14.74	16.3
	16QAM	1	0	15.16	15.16	14.93	16.3
		1	38	15.07	14.94	14.97	16.3
		1	74	15.08	15.06	14.85	16.3
		36	0	14.81	14.89	14.64	16.3
		36	18	14.81	14.76	14.56	16.3
		36	39	14.84	14.82	14.62	16.3
		75	0	14.75	14.65	14.64	16.3
	64QAM	1	0	14.85	14.73	14.74	16.3
		1	38	14.2	14.4	14.28	16.3
		1	74	14.72	14.77	14.83	16.3
		36	0	14.58	14.38	14.51	16.3
		36	18	14.44	14.4	14.42	16.3
		36	39	14.39	14.4	14.61	16.3
		75	0	14.4	14.55	14.6	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	14.95	14.92	14.67	16.3
		1	50	14.75	14.79	14.44	16.3
		1	99	14.78	14.85	14.86	16.3
		50	0	14.86	14.84	14.76	16.3
		50	25	14.77	14.88	14.7	16.3
		50	50	14.8	14.82	14.63	16.3
		100	0	14.85	14.86	14.75	16.3
	16QAM	1	0	15.35	15.08	15.25	16.3
		1	50	15.08	14.23	14.66	16.3
		1	99	14.97	15.42	15.51	16.3
		50	0	14.88	14.63	14.53	16.3
		50	25	14.72	14.84	14.63	16.3
		50	50	14.88	14.7	14.72	16.3
		100	0	14.76	14.82	14.5	16.3
	64QAM	1	0	14.88	14.68	14.78	16.3
		1	50	14.24	14.45	14.21	16.3
		1	99	14.71	14.77	14.86	16.3
		50	0	14.62	14.43	14.47	16.3
		50	25	14.44	14.44	14.4	16.3
		50	50	14.44	14.41	14.64	16.3
		100	0	14.38	14.49	14.58	16.3

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LTE Band 7 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	10.24	10.13	10.16	11.8
		1	13	10.34	10.33	10.2	11.8
		1	24	10.43	9.84	9.98	11.8
		12	0	10.36	10.3	10.13	11.8
		12	6	10.35	10.22	10.15	11.8
		12	13	10.46	10.25	10.01	11.8
		25	0	10.39	10.2	10.01	11.8
	16QAM	1	0	10.64	10.73	10.62	11.8
		1	13	10.98	10.72	10.45	11.8
		1	24	10.74	11.19	10.67	11.8
		12	0	10.42	10.27	10.1	11.8
		12	6	10.16	10.19	10.1	11.8
		12	13	10.27	10.34	10.27	11.8
		25	0	10.26	10.25	10.13	11.8
	64QAM	1	0	10.45	10.28	10.4	11.8
		1	13	9.85	10.02	9.8	11.8
		1	24	10.35	10.39	10.52	11.8
		12	0	10.25	9.99	10.13	11.8
		12	6	10	10.11	10.06	11.8
		12	13	10.08	9.97	10.28	11.8
		25	0	10.05	10.15	10.23	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	10.2	10.28	10.25	11.8
		1	25	9.94	10.34	9.96	11.8
		1	49	10.3	9.89	10.01	11.8
		25	0	10.25	10.37	10.21	11.8
		25	13	10.37	10.23	10.2	11.8
		25	25	10.32	10.37	10.25	11.8
		50	0	10.35	10.26	10.21	11.8
	16QAM	1	0	10.64	10.54	10.24	11.8
		1	25	11	10.3	10.36	11.8
		1	49	10.51	10.28	10.64	11.8
		25	0	10.38	10.09	10.01	11.8
		25	13	10.24	10.18	10.03	11.8
		25	25	10.3	10.22	10.01	11.8
		50	0	10.33	10.16	10.09	11.8
	64QAM	1	0	10.45	10.4	10.36	11.8
		1	25	9.78	10.04	9.85	11.8
		1	49	10.32	10.36	10.49	11.8
		25	0	10.19	10.05	10.15	11.8
		25	13	10	10.07	10.05	11.8
		25	25	10.07	10.03	10.22	11.8
		50	0	10.04	10.07	10.13	11.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	10.34	10.26	10.07	11.8
		1	38	10.57	10.31	10.22	11.8
		1	74	10.49	9.96	9.8	11.8
		36	0	10.38	10.3	10.21	11.8
		36	18	10.33	10.29	10.2	11.8
		36	39	10.33	10.28	10.19	11.8
		75	0	10.24	10.39	10.21	11.8
	16QAM	1	0	10.85	10.37	10.35	11.8
		1	38	11.2	11.04	10.48	11.8
		1	74	10.48	10.72	10.46	11.8
		36	0	10.23	10.34	10.07	11.8
		36	18	10.39	10.38	10.07	11.8
		36	39	10.2	10.37	10.12	11.8
		75	0	10.26	10.26	10.02	11.8
	64QAM	1	0	10.41	10.34	10.29	11.8
		1	38	9.86	9.96	9.87	11.8
		1	74	10.2	10.47	10.47	11.8
		36	0	10.23	9.95	10.07	11.8
		36	18	10.03	10.05	10.15	11.8
		36	39	10.04	9.97	10.21	11.8
		75	0	10.01	10.02	10.17	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	10.36	10.32	10.49	11.8
		1	50	9.85	9.74	10.3	11.8
		1	99	10.49	10.32	10.24	11.8
		50	0	10.36	10.33	10.17	11.8
		50	25	10.26	10.38	10.15	11.8
		50	50	10.29	10.27	10.22	11.8
		100	0	10.46	10.32	10.22	11.8
	16QAM	1	0	10.96	10.7	10.91	11.8
		1	50	10.8	10.52	10.81	11.8
		1	99	10.72	10.92	11.01	11.8
		50	0	10.38	10.22	10.2	11.8
		50	25	10.27	10.26	10.01	11.8
		50	50	10.25	10.16	10.07	11.8
		100	0	10.2	10.31	10.05	11.8
	64QAM	1	0	10.41	10.34	10.29	11.8
		1	50	9.96	9.96	9.97	11.8
		1	99	10.2	10.47	10.47	11.8
		50	0	10.23	9.95	10.07	11.8
		50	25	10.03	10.05	10.15	11.8
		50	50	10.04	9.97	10.21	11.8
		100	0	10.01	10.02	10.17	11.8

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LTE Band 7 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	9.92	9.24	8.98	10.8
		1	13	9.31	9.26	8.76	10.8
		1	24	9.22	8.91	8.8	10.8
		12	0	9.64	9.24	9.01	10.8
		12	6	9.35	9.12	8.93	10.8
		12	13	9.15	9.2	8.7	10.8
		25	0	9.33	9.23	8.86	10.8
	16QAM	1	0	10.19	9.7	9.37	10.8
		1	13	10.11	9.48	9.26	10.8
		1	24	9.79	9.7	9.09	10.8
		12	0	9.47	9.21	9.21	10.8
		12	6	9.48	9.23	9	10.8
		12	13	9.37	9.1	8.62	10.8
		25	0	9.39	9.07	8.83	10.8
	64QAM	1	0	9.37	9.28	9.19	10.8
		1	13	8.91	8.91	8.88	10.8
		1	24	9.19	9.41	9.42	10.8
		12	0	9.14	8.92	8.99	10.8
		12	6	8.99	9.01	9.13	10.8
		12	13	8.98	8.88	9.19	10.8
		25	0	8.98	8.99	9.17	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	9.83	9.36	9.87	10.8
		1	25	9.38	9.23	9	10.8
		1	49	9.03	9.01	8.53	10.8
		25	0	9.48	9.57	9.36	10.8
		25	13	9.37	9.12	9.09	10.8
		25	25	9.07	9	8.84	10.8
		50	0	9.19	9.18	9.09	10.8
	16QAM	1	0	10.55	9.77	10.12	10.8
		1	25	9.73	9.76	9.67	10.8
		1	49	9.46	9.36	8.55	10.8
		25	0	9.45	9.49	9.4	10.8
		25	13	9.4	9.09	9.16	10.8
		25	25	9.15	9.02	8.92	10.8
		50	0	9.18	9.17	9.02	10.8
	64QAM	1	0	9.34	9.29	9.26	10.8
		1	25	8.91	8.87	8.97	10.8
		1	49	9.13	9.45	9.4	10.8
		25	0	9.19	8.95	9.05	10.8
		25	13	9	9.01	9.13	10.8
		25	25	9	8.88	9.18	10.8
		50	0	8.98	8.93	9.11	10.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	9.72	9.48	9.98	10.8
		1	38	9.24	9.32	9.21	10.8
		1	74	9.41	9.26	8.81	10.8
		36	0	9.29	9.34	9.74	10.8
		36	18	9.19	9.31	9.14	10.8
		36	39	9.4	9.38	8.93	10.8
		75	0	9.35	9.34	9.13	10.8
	16QAM	1	0	10.61	10.03	10.71	10.8
		1	38	9.58	9.96	9.94	10.8
		1	74	9.94	9.67	9.23	10.8
		36	0	9.39	9.25	9.76	10.8
		36	18	9.22	9.27	9.13	10.8
		36	39	9.48	9.4	9.02	10.8
		75	0	9.41	9.39	9.17	10.8
	64QAM	1	0	9.39	9.3	9.26	10.8
		1	38	8.92	8.95	8.97	10.8
		1	74	9.15	9.47	9.39	10.8
		36	0	9.13	8.87	8.97	10.8
		36	18	8.97	9.02	9.13	10.8
		36	39	9.02	8.9	9.16	10.8
		75	0	8.97	8.96	9.1	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	9.81	9.55	9.05	10.8
		1	50	9.71	9.25	9.3	10.8
		1	99	9.66	9.81	9.87	10.8
		50	0	9.7	9.57	9.81	10.8
		50	25	9.74	9.29	9.18	10.8
		50	50	9.42	9.33	9.12	10.8
		100	0	9.35	9.41	9.35	10.8
	16QAM	1	0	10.51	9.84	10.04	10.8
		1	50	10.31	9.04	9.97	10.8
		1	99	10.26	9.95	9.48	10.8
		50	0	9.68	9.46	9.78	10.8
		50	25	9.78	9.19	9.16	10.8
		50	50	9.41	9.35	9.12	10.8
		100	0	9.37	9.36	9.35	10.8
	64QAM	1	0	9.39	9.29	9.26	10.8
		1	50	8.96	8.87	8.95	10.8
		1	99	9.1	9.41	9.45	10.8
		50	0	9.15	8.88	9.06	10.8
		50	25	8.96	9.04	9.07	10.8
		50	50	8.97	8.91	9.18	10.8
		100	0	8.98	8.97	9.1	10.8

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LTE Band 7 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.9	12.66	12.53	14.3
		1	13	12.87	13.04	12.66	14.3
		1	24	12.69	12.77	12.3	14.3
		12	0	12.89	12.84	12.67	14.3
		12	6	12.75	12.88	12.64	14.3
		12	13	12.91	12.89	12.73	14.3
		25	0	12.87	12.86	12.56	14.3
	16QAM	1	0	13.34	13.17	12.6	14.3
		1	13	13.08	13.24	12.88	14.3
		1	24	13.43	12.49	12.85	14.3
		12	0	12.84	12.92	12.68	14.3
		12	6	12.89	12.85	12.59	14.3
		12	13	12.85	12.82	12.77	14.3
		25	0	12.93	12.66	12.59	14.3
	64QAM	1	0	12.79	12.72	12.66	14.3
		1	13	12.34	12.38	12.31	14.3
		1	24	12.69	12.84	12.85	14.3
		12	0	12.61	12.38	12.45	14.3
		12	6	12.4	12.45	12.6	14.3
		12	13	12.42	12.37	12.59	14.3
		25	0	12.4	12.48	12.65	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.03	12.6	12.66	14.3
		1	25	12.89	12.49	11.98	14.3
		1	49	12.31	12.76	12.78	14.3
		25	0	12.9	12.9	12.62	14.3
		25	13	12.84	12.85	12.64	14.3
		25	25	12.86	12.83	12.64	14.3
		50	0	12.75	12.73	12.62	14.3
	16QAM	1	0	13.91	13.19	12.83	14.3
		1	25	12.91	13.51	12.92	14.3
		1	49	12.93	13.09	13.29	14.3
		25	0	12.81	12.66	12.57	14.3
		25	13	12.83	12.61	12.53	14.3
		25	25	12.68	12.75	12.72	14.3
		50	0	12.85	12.72	12.5	14.3
	64QAM	1	0	12.83	12.76	12.62	14.3
		1	25	12.39	12.34	12.32	14.3
		1	49	12.67	12.88	12.9	14.3
		25	0	12.61	12.35	12.44	14.3
		25	13	12.4	12.43	12.57	14.3
		25	25	12.46	12.34	12.6	14.3
		50	0	12.45	12.48	12.62	14.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.81	12.88	12.81	14.3
		1	38	13	12.74	12.86	14.3
		1	74	13.1	13.02	12.67	14.3
		36	0	12.99	12.86	12.74	14.3
		36	18	12.99	12.82	12.8	14.3
		36	39	12.84	12.79	12.74	14.3
		75	0	12.84	12.78	12.66	14.3
	16QAM	1	0	12.53	13.13	12.74	14.3
		1	38	13.22	13.38	13.02	14.3
		1	74	14	13.48	12.82	14.3
		36	0	12.79	12.7	12.64	14.3
		36	18	12.76	12.85	12.66	14.3
		36	39	12.88	12.71	12.65	14.3
		75	0	12.8	12.73	12.58	14.3
	64QAM	1	0	12.77	12.77	12.69	14.3
		1	38	12.35	12.32	12.37	14.3
		1	74	12.65	12.85	12.9	14.3
		36	0	12.57	12.38	12.47	14.3
		36	18	12.43	12.47	12.57	14.3
		36	39	12.39	12.33	12.66	14.3
		75	0	12.44	12.47	12.64	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.99	12.73	12.66	14.3
		1	50	12.37	12.51	12.12	14.3
		1	99	12.78	12.88	12.99	14.3
		50	0	12.87	12.82	12.67	14.3
		50	25	12.88	12.7	12.67	14.3
		50	50	12.79	12.74	12.68	14.3
		100	0	12.88	12.86	12.65	14.3
	16QAM	1	0	13.72	13.61	13.63	14.3
		1	50	13.22	12.78	12.92	14.3
		1	99	13.57	13.22	12.81	14.3
		50	0	12.82	12.58	12.5	14.3
		50	25	12.81	12.75	12.64	14.3
		50	50	12.84	12.7	12.68	14.3
		100	0	12.73	12.65	12.46	14.3
	64QAM	1	0	12.78	12.76	12.69	14.3
		1	50	12.32	12.36	12.35	14.3
		1	99	12.62	12.88	12.87	14.3
		50	0	12.58	12.38	12.4	14.3
		50	25	12.41	12.44	12.57	14.3
		50	50	12.41	12.35	12.69	14.3
		100	0	12.43	12.42	12.62	14.3

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LTE Band 7 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	10.24	10.13	10.16	11.8
		1	13	10.34	10.33	10.2	11.8
		1	24	10.43	9.84	9.98	11.8
		12	0	10.36	10.3	10.13	11.8
		12	6	10.35	10.22	10.15	11.8
		12	13	10.46	10.25	10.01	11.8
		25	0	10.39	10.2	10.01	11.8
	16QAM	1	0	10.64	10.73	10.62	11.8
		1	13	10.98	10.72	10.45	11.8
		1	24	10.74	11.19	10.67	11.8
		12	0	10.42	10.27	10.1	11.8
		12	6	10.16	10.19	10.1	11.8
		12	13	10.27	10.34	10.27	11.8
		25	0	10.26	10.25	10.13	11.8
	64QAM	1	0	10.45	10.28	10.4	11.8
		1	13	9.85	10.02	9.8	11.8
		1	24	10.35	10.39	10.52	11.8
		12	0	10.25	9.99	10.13	11.8
		12	6	10	10.11	10.06	11.8
		12	13	10.08	9.97	10.28	11.8
		25	0	10.05	10.15	10.23	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	10.2	10.28	10.25	11.8
		1	25	9.94	10.34	9.96	11.8
		1	49	10.3	9.89	10.01	11.8
		25	0	10.25	10.37	10.21	11.8
		25	13	10.37	10.23	10.2	11.8
		25	25	10.32	10.37	10.25	11.8
		50	0	10.35	10.26	10.21	11.8
	16QAM	1	0	10.64	10.54	10.24	11.8
		1	25	11	10.3	10.36	11.8
		1	49	10.51	10.28	10.64	11.8
		25	0	10.38	10.09	10.01	11.8
		25	13	10.24	10.18	10.03	11.8
		25	25	10.3	10.22	10.01	11.8
		50	0	10.33	10.16	10.09	11.8
	64QAM	1	0	10.45	10.4	10.36	11.8
		1	25	9.78	10.04	9.85	11.8
		1	49	10.32	10.36	10.49	11.8
		25	0	10.19	10.05	10.15	11.8
		25	13	10	10.07	10.05	11.8
		25	25	10.07	10.03	10.22	11.8
		50	0	10.04	10.07	10.13	11.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	10.34	10.26	10.07	11.8
		1	38	10.57	10.31	10.22	11.8
		1	74	10.49	9.96	9.8	11.8
		36	0	10.38	10.3	10.21	11.8
		36	18	10.33	10.29	10.2	11.8
		36	39	10.33	10.28	10.19	11.8
		75	0	10.24	10.39	10.21	11.8
	16QAM	1	0	10.85	10.37	10.35	11.8
		1	38	11.2	11.04	10.48	11.8
		1	74	10.48	10.72	10.46	11.8
		36	0	10.23	10.34	10.07	11.8
		36	18	10.39	10.38	10.07	11.8
		36	39	10.2	10.37	10.12	11.8
		75	0	10.26	10.26	10.02	11.8
	64QAM	1	0	10.41	10.34	10.29	11.8
		1	38	9.86	9.96	9.87	11.8
		1	74	10.2	10.47	10.47	11.8
		36	0	10.23	9.95	10.07	11.8
		36	18	10.03	10.05	10.15	11.8
		36	39	10.04	9.97	10.21	11.8
		75	0	10.01	10.02	10.17	11.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	10.36	10.32	10.49	11.8
		1	50	9.85	9.74	10.3	11.8
		1	99	10.49	10.32	10.24	11.8
		50	0	10.36	10.33	10.17	11.8
		50	25	10.26	10.38	10.15	11.8
		50	50	10.29	10.27	10.22	11.8
		100	0	10.46	10.32	10.22	11.8
	16QAM	1	0	10.96	10.7	10.91	11.8
		1	50	10.8	10.52	10.81	11.8
		1	99	10.72	10.92	11.01	11.8
		50	0	10.38	10.22	10.2	11.8
		50	25	10.27	10.26	10.01	11.8
		50	50	10.25	10.16	10.07	11.8
		100	0	10.2	10.31	10.05	11.8
	64QAM	1	0	10.41	10.34	10.29	11.8
		1	50	9.96	9.96	9.97	11.8
		1	99	10.2	10.47	10.47	11.8
		50	0	10.23	9.95	10.07	11.8
		50	25	10.03	10.05	10.15	11.8
		50	50	10.04	9.97	10.21	11.8
		100	0	10.01	10.02	10.17	11.8

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LTE Band 7 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	9.92	9.24	8.98	10.8
		1	13	9.31	9.26	8.76	10.8
		1	24	9.22	8.91	8.8	10.8
		12	0	9.64	9.24	9.01	10.8
		12	6	9.35	9.12	8.93	10.8
		12	13	9.15	9.2	8.7	10.8
		25	0	9.33	9.23	8.86	10.8
	16QAM	1	0	10.19	9.7	9.37	10.8
		1	13	10.11	9.48	9.26	10.8
		1	24	9.79	9.7	9.09	10.8
		12	0	9.47	9.21	9.21	10.8
		12	6	9.48	9.23	9	10.8
		12	13	9.37	9.1	8.62	10.8
		25	0	9.39	9.07	8.83	10.8
	64QAM	1	0	9.37	9.28	9.19	10.8
		1	13	8.91	8.91	8.88	10.8
		1	24	9.19	9.41	9.42	10.8
		12	0	9.14	8.92	8.99	10.8
		12	6	8.99	9.01	9.13	10.8
		12	13	8.98	8.88	9.19	10.8
		25	0	8.98	8.99	9.17	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	9.83	9.36	9.87	10.8
		1	25	9.38	9.23	9	10.8
		1	49	9.03	9.01	8.53	10.8
		25	0	9.48	9.57	9.36	10.8
		25	13	9.37	9.12	9.09	10.8
		25	25	9.07	9	8.84	10.8
		50	0	9.19	9.18	9.09	10.8
	16QAM	1	0	10.55	9.77	10.12	10.8
		1	25	9.73	9.76	9.67	10.8
		1	49	9.46	9.36	8.55	10.8
		25	0	9.45	9.49	9.4	10.8
		25	13	9.4	9.09	9.16	10.8
		25	25	9.15	9.02	8.92	10.8
		50	0	9.18	9.17	9.02	10.8
	64QAM	1	0	9.34	9.29	9.26	10.8
		1	25	8.91	8.87	8.97	10.8
		1	49	9.13	9.45	9.4	10.8
		25	0	9.19	8.95	9.05	10.8
		25	13	9	9.01	9.13	10.8
		25	25	9	8.88	9.18	10.8
		50	0	8.98	8.93	9.11	10.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	9.72	9.48	9.98	10.8
		1	38	9.24	9.32	9.21	10.8
		1	74	9.41	9.26	8.81	10.8
		36	0	9.29	9.34	9.74	10.8
		36	18	9.19	9.31	9.14	10.8
		36	39	9.4	9.38	8.93	10.8
		75	0	9.35	9.34	9.13	10.8
	16QAM	1	0	10.61	10.03	10.71	10.8
		1	38	9.58	9.96	9.94	10.8
		1	74	9.94	9.67	9.23	10.8
		36	0	9.39	9.25	9.76	10.8
		36	18	9.22	9.27	9.13	10.8
		36	39	9.48	9.4	9.02	10.8
		75	0	9.41	9.39	9.17	10.8
	64QAM	1	0	9.39	9.3	9.26	10.8
		1	38	8.92	8.95	8.97	10.8
		1	74	9.15	9.47	9.39	10.8
		36	0	9.13	8.87	8.97	10.8
		36	18	8.97	9.02	9.13	10.8
		36	39	9.02	8.9	9.16	10.8
		75	0	8.97	8.96	9.1	10.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	9.81	9.55	9.05	10.8
		1	50	9.71	9.25	9.3	10.8
		1	99	9.66	9.81	9.87	10.8
		50	0	9.7	9.57	9.81	10.8
		50	25	9.74	9.29	9.18	10.8
		50	50	9.42	9.33	9.12	10.8
		100	0	9.35	9.41	9.35	10.8
	16QAM	1	0	10.51	9.84	10.04	10.8
		1	50	10.31	9.04	9.97	10.8
		1	99	10.26	9.95	9.48	10.8
		50	0	9.68	9.46	9.78	10.8
		50	25	9.78	9.19	9.16	10.8
		50	50	9.41	9.35	9.12	10.8
		100	0	9.37	9.36	9.35	10.8
	64QAM	1	0	9.39	9.29	9.26	10.8
		1	50	8.96	8.87	8.95	10.8
		1	99	9.1	9.41	9.45	10.8
		50	0	9.15	8.88	9.06	10.8
		50	25	8.96	9.04	9.07	10.8
		50	50	8.97	8.91	9.18	10.8
		100	0	8.98	8.97	9.1	10.8

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LTE Band 7 Receiver off（body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.9	12.66	12.53	14.3
		1	13	12.87	13.04	12.66	14.3
		1	24	12.69	12.77	12.3	14.3
		12	0	12.89	12.84	12.67	14.3
		12	6	12.75	12.88	12.64	14.3
		12	13	12.91	12.89	12.73	14.3
		25	0	12.87	12.86	12.56	14.3
	16QAM	1	0	13.34	13.17	12.6	14.3
		1	13	13.08	13.24	12.88	14.3
		1	24	13.43	12.49	12.85	14.3
		12	0	12.84	12.92	12.68	14.3
		12	6	12.89	12.85	12.59	14.3
		12	13	12.85	12.82	12.77	14.3
		25	0	12.93	12.66	12.59	14.3
	64QAM	1	0	12.79	12.72	12.66	14.3
		1	13	12.34	12.38	12.31	14.3
		1	24	12.69	12.84	12.85	14.3
		12	0	12.61	12.38	12.45	14.3
		12	6	12.4	12.45	12.6	14.3
		12	13	12.42	12.37	12.59	14.3
		25	0	12.4	12.48	12.65	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.03	12.6	12.66	14.3
		1	25	12.89	12.49	11.98	14.3
		1	49	12.31	12.76	12.78	14.3
		25	0	12.9	12.9	12.62	14.3
		25	13	12.84	12.85	12.64	14.3
		25	25	12.86	12.83	12.64	14.3
		50	0	12.75	12.73	12.62	14.3
	16QAM	1	0	13.91	13.19	12.83	14.3
		1	25	12.91	13.51	12.92	14.3
		1	49	12.93	13.09	13.29	14.3
		25	0	12.81	12.66	12.57	14.3
		25	13	12.83	12.61	12.53	14.3
		25	25	12.68	12.75	12.72	14.3
		50	0	12.85	12.72	12.5	14.3
	64QAM	1	0	12.83	12.76	12.62	14.3
		1	25	12.39	12.34	12.32	14.3
		1	49	12.67	12.88	12.9	14.3
		25	0	12.61	12.35	12.44	14.3
		25	13	12.4	12.43	12.57	14.3
		25	25	12.46	12.34	12.6	14.3
		50	0	12.45	12.48	12.62	14.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.81	12.88	12.81	14.3
		1	38	13	12.74	12.86	14.3
		1	74	13.1	13.02	12.67	14.3
		36	0	12.99	12.86	12.74	14.3
		36	18	12.99	12.82	12.8	14.3
		36	39	12.84	12.79	12.74	14.3
		75	0	12.84	12.78	12.66	14.3
	16QAM	1	0	12.53	13.13	12.74	14.3
		1	38	13.22	13.38	13.02	14.3
		1	74	14	13.48	12.82	14.3
		36	0	12.79	12.7	12.64	14.3
		36	18	12.76	12.85	12.66	14.3
		36	39	12.88	12.71	12.65	14.3
		75	0	12.8	12.73	12.58	14.3
	64QAM	1	0	12.77	12.77	12.69	14.3
		1	38	12.35	12.32	12.37	14.3
		1	74	12.65	12.85	12.9	14.3
		36	0	12.57	12.38	12.47	14.3
		36	18	12.43	12.47	12.57	14.3
		36	39	12.39	12.33	12.66	14.3
		75	0	12.44	12.47	12.64	14.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.99	12.73	12.66	14.3
		1	50	12.37	12.51	12.12	14.3
		1	99	12.78	12.88	12.99	14.3
		50	0	12.87	12.82	12.67	14.3
		50	25	12.88	12.7	12.67	14.3
		50	50	12.79	12.74	12.68	14.3
		100	0	12.88	12.86	12.65	14.3
	16QAM	1	0	13.72	13.61	13.63	14.3
		1	50	13.22	12.78	12.92	14.3
		1	99	13.57	13.22	12.81	14.3
		50	0	12.82	12.58	12.5	14.3
		50	25	12.81	12.75	12.64	14.3
		50	50	12.84	12.7	12.68	14.3
		100	0	12.73	12.65	12.46	14.3
	64QAM	1	0	12.78	12.76	12.69	14.3
		1	50	12.32	12.36	12.35	14.3
		1	99	12.62	12.88	12.87	14.3
		50	0	12.58	12.38	12.4	14.3
		50	25	12.41	12.44	12.57	14.3
		50	50	12.41	12.35	12.69	14.3
		100	0	12.43	12.42	12.62	14.3

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LTE Band 7 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	12.55	12.27	12.01	13.8
		1	13	12.26	12.4	12.05	13.8
		1	24	12.57	12.4	11.99	13.8
		12	0	12.35	12.31	12.08	13.8
		12	6	12.27	12.24	12.15	13.8
		12	13	12.42	12.32	12.15	13.8
		25	0	12.3	12.21	12.12	13.8
	16QAM	1	0	12.95	12.41	12.7	13.8
		1	13	12.84	13.05	12.55	13.8
		1	24	12.68	12.08	12.88	13.8
		12	0	12.23	12.07	12.19	13.8
		12	6	12.37	12.34	12.08	13.8
		12	13	12.57	12.37	12.13	13.8
		25	0	12.29	12.26	12.11	13.8
	64QAM	1	0	12.45	12.38	12.4	13.8
		1	13	11.86	12.02	11.89	13.8
		1	24	12.45	12.49	12.63	13.8
		12	0	12.24	12.07	12.11	13.8
		12	6	12.14	12.11	12.03	13.8
		12	13	12.06	11.99	12.23	13.8
		25	0	12.05	12.09	12.27	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	12.36	12.21	12.12	13.8
		1	25	11.8	12.1	12	13.8
		1	49	12.65	12.22	12.06	13.8
		25	0	12.35	12.25	12.09	13.8
		25	13	12.39	12.42	12.17	13.8
		25	25	12.34	12.31	12.19	13.8
		50	0	12.35	12.29	12.08	13.8
	16QAM	1	0	12.49	11.99	12.56	13.8
		1	25	12.94	12.55	12.19	13.8
		1	49	12.4	13.26	12.5	13.8
		25	0	12.15	12.16	12.06	13.8
		25	13	12.09	12.23	11.89	13.8
		25	25	12.33	12.21	12.02	13.8
		50	0	12.07	12.13	12.06	13.8
	64QAM	1	0	12.42	12.4	12.39	13.8
		1	25	11.88	11.99	11.92	13.8
		1	49	12.41	12.46	12.59	13.8
		25	0	12.25	12.14	12.11	13.8
		25	13	12.13	12.1	12.09	13.8
		25	25	11.97	12	12.14	13.8
		50	0	12.1	12.01	12.17	13.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	12.15	12.13	12.11	13.8
		1	38	11.95	12.25	12.07	13.8
		1	74	12.02	12.27	12.19	13.8
		36	0	12.37	12.26	12.18	13.8
		36	18	12.23	12.23	12.09	13.8
		36	39	12.34	12.31	12.25	13.8
		75	0	12.28	12.26	12.07	13.8
	16QAM	1	0	12.38	12.33	12.1	13.8
		1	38	12.61	12.45	12.43	13.8
		1	74	13	12.64	12.6	13.8
		36	0	12.29	12.3	12.17	13.8
		36	18	12.29	12.21	12.09	13.8
		36	39	12.2	12.26	12.16	13.8
		75	0	12.25	12.27	12.08	13.8
	64QAM	1	0	12.41	12.47	12.34	13.8
		1	38	11.87	12	11.85	13.8
		1	74	12.42	12.49	12.54	13.8
		36	0	12.33	12.09	12.11	13.8
		36	18	12.08	12.1	12.09	13.8
		36	39	11.97	11.98	12.14	13.8
		75	0	12.06	12.04	12.21	13.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	12.36	12.44	11.99	13.8
		1	50	11.36	12.24	12	13.8
		1	99	12.27	12.19	11.98	13.8
		50	0	12.27	12.27	12.23	13.8
		50	25	12.35	12.21	12.12	13.8
		50	50	12.31	12.32	12.25	13.8
		100	0	12.39	12.34	12.18	13.8
	16QAM	1	0	12.93	12.73	12.89	13.8
		1	50	12.93	12.66	12.49	13.8
		1	99	12.7	12.93	12.46	13.8
		50	0	12.26	12.25	12.14	13.8
		50	25	12.4	12.09	11.99	13.8
		50	50	12.28	12.31	12.23	13.8
		100	0	12.24	12.3	12.02	13.8
	64QAM	1	0	12.42	12.37	12.37	13.8
		1	50	11.81	12.03	11.87	13.8
		1	99	12.41	12.42	12.61	13.8
		50	0	12.27	12.14	12.14	13.8
		50	25	12.06	12.1	12.1	13.8
		50	50	12	12.01	12.23	13.8
		100	0	12.04	12.09	12.17	13.8

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LTE Band 7 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	11.25	11.37	10.92	12.8
		1	13	11.27	11.3	10.99	12.8
		1	24	11.32	11.26	11.2	12.8
		12	0	11.32	11.38	11.25	12.8
		12	6	11.11	11.22	11.17	12.8
		12	13	11.34	11.34	11.14	12.8
		25	0	11.28	11.33	11.07	12.8
	16QAM	1	0	11.33	11.18	11.27	12.8
		1	13	12.04	11.91	11.53	12.8
		1	24	11.44	11.24	11.2	12.8
		12	0	11.47	11.22	11.26	12.8
		12	6	11.27	11.03	11.14	12.8
		12	13	11.23	11.29	11.05	12.8
		25	0	11.28	11.2	11.06	12.8
	64QAM	1	0	11.4	11.27	11.27	12.8
		1	13	10.7	10.91	10.84	12.8
		1	24	11.23	11.43	11.41	12.8
		12	0	11.12	10.9	10.98	12.8
		12	6	10.97	10.96	11.04	12.8
		12	13	10.9	10.92	11.18	12.8
		25	0	10.9	11.01	11.15	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	11.4	11.24	11.3	12.8
		1	25	11.12	11.41	10.62	12.8
		1	49	11.28	10.97	10.93	12.8
		25	0	11.35	11.31	11.16	12.8
		25	13	11.27	11.4	11.08	12.8
		25	25	11.32	11.26	11.04	12.8
		50	0	11.36	11.33	11.23	12.8
	16QAM	1	0	11.69	11.2	11.37	12.8
		1	25	11.5	11.45	10.69	12.8
		1	49	11.86	11.64	11.5	12.8
		25	0	11.22	11.09	11.06	12.8
		25	13	11.32	11.24	11.03	12.8
		25	25	11.38	11.14	11.04	12.8
		50	0	11.07	11.32	10.94	12.8
	64QAM	1	0	11.35	11.29	11.24	12.8
		1	25	10.75	10.89	10.82	12.8
		1	49	11.23	11.33	11.47	12.8
		25	0	11.1	10.92	11.03	12.8
		25	13	11.01	11.02	11.04	12.8
		25	25	10.94	10.94	11.17	12.8
		50	0	10.93	11.03	11.11	12.8
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	11.25	11.15	10.84	12.8
		1	38	11.33	10.96	11.12	12.8
		1	74	11.24	11.1	11.24	12.8
		36	0	11.4	11.38	11.06	12.8
		36	18	11.39	11.33	11.15	12.8
		36	39	11.41	11.32	11.15	12.8
		75	0	11.28	11.28	11.19	12.8
	16QAM	1	0	11.67	11.56	11.54	12.8
		1	38	11.17	11.38	11.03	12.8
		1	74	11.52	11.89	11.45	12.8
		36	0	11.27	11.22	10.97	12.8
		36	18	11.23	11.2	11.02	12.8
		36	39	11.3	11.1	11.13	12.8
		75	0	11.31	11.15	11.14	12.8
	64QAM	1	0	11.34	11.32	11.29	12.8
		1	38	10.76	10.92	10.82	12.8
		1	74	11.16	11.35	11.45	12.8
		36	0	11.14	10.94	10.97	12.8
		36	18	10.98	10.96	11.05	12.8
		36	39	10.97	10.97	11.17	12.8
		75	0	10.96	10.99	11.14	12.8

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	11.49	11.34	11.3	12.8
		1	50	11	11.32	11.62	12.8
		1	99	11.15	11.03	11.4	12.8
		50	0	11.38	11.35	11.18	12.8
		50	25	11.29	11.23	11.15	12.8
		50	50	11.31	11.41	11.23	12.8
		100	0	11.33	11.32	11.17	12.8
	16QAM	1	0	11.57	11.73	11.13	12.8
		1	50	11.72	11.24	11.5	12.8
		1	99	11.69	11.4	11.53	12.8
		50	0	11.23	11.21	11.04	12.8
		50	25	11.29	11.3	11.1	12.8
		50	50	11.2	11.22	11.11	12.8
		100	0	11.25	11.22	11.18	12.8
	64QAM	1	0	11.39	11.28	11.3	12.8
		1	50	10.74	10.96	10.78	12.8
		1	99	11.24	11.35	11.43	12.8
		50	0	11.14	10.97	11.04	12.8
		50	25	10.95	11	10.97	12.8
		50	50	10.98	10.95	11.19	12.8
		100	0	10.97	11.05	11.12	12.8

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LTE Band 7 Receiver off (body or limbs) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	14.88	14.75	14.67	16.3
		1	13	14.87	14.72	14.69	16.3
		1	24	14.85	14.77	14.68	16.3
		12	0	14.82	14.84	14.73	16.3
		12	6	14.94	14.7	14.61	16.3
		12	13	14.87	14.83	14.67	16.3
		25	0	14.88	14.69	14.66	16.3
	16QAM	1	0	15.15	15.09	14.9	16.3
		1	13	15.38	15.08	15.09	16.3
		1	24	15.21	15.17	14.89	16.3
		12	0	14.88	14.83	14.64	16.3
		12	6	14.9	14.72	14.29	16.3
		12	13	14.84	14.81	14.67	16.3
		25	0	14.86	14.81	14.55	16.3
	64QAM	1	0	14.83	14.69	14.8	16.3
		1	13	14.15	14.39	14.26	16.3
		1	24	14.69	14.78	14.88	16.3
		12	0	14.6	14.39	14.47	16.3
		12	6	14.36	14.49	14.4	16.3
		12	13	14.42	14.44	14.62	16.3
		25	0	14.46	14.55	14.57	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	14.9	14.72	14.65	16.3
		1	25	14.75	15.14	14.12	16.3
		1	49	14.76	14.86	14.67	16.3
		25	0	14.92	14.86	14.68	16.3
		25	13	14.74	14.73	14.7	16.3
		25	25	14.88	14.73	14.7	16.3
		50	0	14.88	14.8	14.67	16.3
	16QAM	1	0	15.37	14.9	15.1	16.3
		1	25	15.1	15.19	15.44	16.3
		1	49	14.63	15.35	14.91	16.3
		25	0	14.87	14.91	14.51	16.3
		25	13	14.68	14.63	14.6	16.3
		25	25	14.83	14.82	14.72	16.3
		50	0	14.83	14.73	14.58	16.3
	64QAM	1	0	14.86	14.69	14.74	16.3
		1	25	14.19	14.42	14.26	16.3
		1	49	14.69	14.79	14.91	16.3
		25	0	14.62	14.41	14.46	16.3
		25	13	14.4	14.43	14.45	16.3
		25	25	14.45	14.44	14.6	16.3
		50	0	14.38	14.46	14.6	16.3
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	14.87	14.75	14.53	16.3
		1	38	14.82	14.84	14.75	16.3
		1	74	14.77	14.79	14.65	16.3
		36	0	14.87	14.75	14.69	16.3
		36	18	14.78	14.85	14.64	16.3
		36	39	14.85	14.71	14.68	16.3
		75	0	14.91	14.76	14.74	16.3
	16QAM	1	0	15.16	15.16	14.93	16.3
		1	38	15.07	14.94	14.97	16.3
		1	74	15.08	15.06	14.85	16.3
		36	0	14.81	14.89	14.64	16.3
		36	18	14.81	14.76	14.56	16.3
		36	39	14.84	14.82	14.62	16.3
		75	0	14.75	14.65	14.64	16.3
	64QAM	1	0	14.85	14.73	14.74	16.3
		1	38	14.2	14.4	14.28	16.3
		1	74	14.72	14.77	14.83	16.3
		36	0	14.58	14.38	14.51	16.3
		36	18	14.44	14.4	14.42	16.3
		36	39	14.39	14.4	14.61	16.3
		75	0	14.4	14.55	14.6	16.3

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Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	14.95	14.92	14.67	16.3
		1	50	14.75	14.79	14.44	16.3
		1	99	14.78	14.85	14.86	16.3
		50	0	14.86	14.84	14.76	16.3
		50	25	14.77	14.88	14.7	16.3
		50	50	14.8	14.82	14.63	16.3
		100	0	14.85	14.86	14.75	16.3
	16QAM	1	0	15.35	15.08	15.25	16.3
		1	50	15.08	14.23	14.66	16.3
		1	99	14.97	15.42	15.51	16.3
		50	0	14.88	14.63	14.53	16.3
		50	25	14.72	14.84	14.63	16.3
		50	50	14.88	14.7	14.72	16.3
		100	0	14.76	14.82	14.5	16.3
	64QAM	1	0	14.88	14.68	14.78	16.3
		1	50	14.24	14.45	14.21	16.3
		1	99	14.71	14.77	14.86	16.3
		50	0	14.62	14.43	14.47	16.3
		50	25	14.44	14.44	14.4	16.3
		50	50	14.44	14.41	14.64	16.3
		100	0	14.38	14.49	14.58	16.3

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LTE Band 12 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.69	20.6	20.74	21.5
		1	2	20.41	20.2	20.26	21.5
		1	5	20.62	20.63	20.72	21.5
		3	0	20.59	20.51	20.54	21.5
		3	2	20.42	20.26	20.52	21.5
		3	3	20.55	20.54	20.61	21.5
		6	0	20.53	20.4	20.69	21.5
	16QAM	1	0	21.01	20.83	20.91	21.5
		1	2	20.82	20.63	20.81	21.5
		1	5	20.92	20.89	20.97	21.5
		3	0	20.69	20.61	20.7	21.5
		3	2	20.58	20.38	20.42	21.5
		3	3	20.68	20.59	20.78	21.5
		6	0	20.56	20.61	20.61	21.5
	64QAM	1	0	20.66	20.6	20.79	21.5
		1	2	20.66	20.35	20.47	21.5
		1	5	20.65	20.73	20.72	21.5
		3	0	20.66	20.6	20.79	21.5
		3	2	20.66	20.35	20.47	21.5
		3	3	20.65	20.73	20.72	21.5
		6	0	19.96	19.98	20.12	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.67	20.55	20.67	21.5
		1	7	20.43	19.91	20.32	21.5
		1	14	20.59	20.69	20.7	21.5
		8	0	20.65	20.53	20.68	21.5
		8	4	20.56	20.61	20.68	21.5
		8	7	20.49	20.62	20.64	21.5
		15	0	20.61	20.59	20.65	21.5
	16QAM	1	0	20.9	20.82	20.88	21.5
		1	7	20.85	20.95	20.87	21.5
		1	14	20.87	20.84	20.94	21.5
		8	0	20.48	20.48	20.7	21.5
		8	4	20.54	20.58	20.77	21.5
		8	7	20.51	20.58	20.56	21.5
		15	0	20.52	20.54	20.67	21.5
	64QAM	1	0	20.78	20.64	20.81	21.5
		1	7	20.7	20.44	20.57	21.5
		1	14	20.74	20.79	20.85	21.5
		8	0	20.06	20	20.11	21
		8	4	20.02	19.97	20.09	21
		8	7	19.96	20.05	20.13	21
		15	0	20	20	20.17	21
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.64	20.63	20.66	21.5
		1	13	20.6	20.71	20.69	21.5
		1	24	20.65	20.66	20.71	21.5
		12	0	20.66	20.65	20.67	21.5
		12	6	20.44	20.6	20.6	21.5
		12	13	20.61	20.65	20.82	21.5
		25	0	20.55	20.57	20.69	21.5
	16QAM	1	0	20.87	20.8	20.96	21.5
		1	13	20.89	20.9	20.97	21.5
		1	24	20.93	20.86	20.86	21.5
		12	0	20.59	20.6	20.69	21.5
		12	6	20.56	20.57	20.56	21.5
		12	13	20.53	20.63	20.81	21.5
		25	0	20.51	20.53	20.59	21.5
	64QAM	1	0	20.73	20.63	20.77	21.5
		1	13	20.68	20.46	20.49	21.5
		1	24	20.71	20.72	20.83	21.5
		12	0	20	19.98	20.09	21
		12	6	19.97	19.98	20.1	21
		12	13	19.98	20	20.15	21
		25	0	20.02	20.07	20.12	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.7	20.56	20.57	21.5
		1	25	20.54	20.56	20.55	21.5
		1	49	20.68	20.74	20.77	21.5
		25	0	20.59	20.6	20.67	21.5
		25	13	20.6	20.6	20.65	21.5
		25	25	20.62	20.68	20.79	21.5
		50	0	20.54	20.63	20.71	21.5
	16QAM	1	0	20.83	20.71	20.76	21.5
		1	25	20.44	20.62	20.79	21.5
		1	49	20.87	20.98	20.95	21.5
		25	0	20.51	20.55	20.63	21.5
		25	13	20.58	20.54	20.63	21.5
		25	25	20.58	20.68	20.73	21.5
		50	0	20.54	20.59	20.64	21.5
	64QAM	1	0	20.8	20.71	20.81	21.5
		1	25	20.74	20.47	20.57	21.5
		1	49	20.77	20.8	20.87	21.5
		25	0	20.06	20.05	20.17	21
		25	13	20.05	20.04	20.12	21
		25	25	20.01	20.09	20.17	21
		50	0	20.02	20.08	20.18	21

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LTE Band 12 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.17	20.1	20.23	21
		1	2	19.58	19.59	19.78	21
		1	5	20.14	20.07	20.22	21
		3	0	20.05	19.93	20.07	21
		3	2	20.03	19.95	19.97	21
		3	3	20.05	20.02	20.08	21
		6	0	20.11	20.02	20.14	21
	16QAM	1	0	20.42	20.36	20.44	21
		1	2	20.38	20.18	20.21	21
		1	5	20.48	20.46	20.51	21
		3	0	20.09	19.99	20.22	21
		3	2	19.9	20.04	20	21
		3	3	20.1	20.1	20.12	21
		6	0	20.06	20.04	20.07	21
	64QAM	1	0	20.2	20.12	20.21	21
		1	2	20.06	19.84	20.02	21
		1	5	20.14	20.36	20.33	21
		3	0	20	20.01	20.14	21
		3	2	19.96	19.98	20.05	21
		3	3	19.95	20.07	20.11	21
		6	0	19.98	20.01	20.06	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.19	20.07	20.14	21
		1	7	19.93	19.89	19.45	21
		1	14	20.08	20.13	20.16	21
		8	0	20.1	20.04	20.22	21
		8	4	20.08	20.05	20.23	21
		8	7	20.05	20.04	20.08	21
		15	0	20.04	20.09	20.2	21
	16QAM	1	0	20.48	20.34	20.33	21
		1	7	20.05	20.07	20.21	21
		1	14	20.48	20.39	20.49	21
		8	0	20.08	20.03	20.21	21
		8	4	20.01	19.99	20.14	21
		8	7	19.93	20.05	20.04	21
		15	0	20.03	20.07	20.2	21
	64QAM	1	0	20.26	20.08	20.19	21
		1	7	20.09	19.84	20.01	21
		1	14	20.18	20.35	20.34	21
		8	0	20.05	20.03	20.08	21
		8	4	19.95	19.99	20.03	21
		8	7	19.93	20.04	20.14	21
		15	0	19.93	20.06	20.09	21
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.18	20.08	20.16	21
		1	13	20.12	20.15	20.15	21
		1	24	20.09	20.14	20.18	21
		12	0	20.12	20.11	20.14	21
		12	6	20.06	20.11	20.07	21
		12	13	20.08	20.17	20.3	21
		25	0	20.06	20.06	20.1	21
	16QAM	1	0	20.48	20.35	20.4	21
		1	13	20.37	20.38	20.5	21
		1	24	20.45	20.47	20.48	21
		12	0	20.15	20.06	20.15	21
		12	6	20.04	20.11	20.07	21
		12	13	20.08	20.12	20.28	21
		25	0	19.98	20.02	20.07	21
	64QAM	1	0	20.26	20.06	20.17	21
		1	13	20.07	19.86	19.98	21
		1	24	20.15	20.32	20.3	21
		12	0	19.98	20.03	20.14	21
		12	6	20.01	19.98	20.07	21
		12	13	19.99	20.12	20.09	21
		25	0	19.96	20.07	20.07	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.1	20.05	20.03	21
		1	25	19.88	19.91	20.03	21
		1	49	20.12	20.16	20.21	21
		25	0	20.08	20.05	20.11	21
		25	13	20.09	20.07	20.14	21
		25	25	20.07	20.14	20.25	21
		50	0	20.04	20.13	20.22	21
	16QAM	1	0	20.44	20.31	20.4	21
		1	25	20.21	20.05	20.35	21
		1	49	20.45	20.37	20.64	21
		25	0	20.03	19.92	20.06	21
		25	13	20.07	19.98	20.09	21
		25	25	20.06	20.08	20.17	21
		50	0	20.03	20.05	20.1	21
	64QAM	1	0	20.28	20.14	20.26	21
		1	25	20.1	19.88	20.05	21
		1	49	20.21	20.38	20.39	21
		25	0	20.07	20.05	20.15	21
		25	13	20.04	20.06	20.11	21
		25	25	20	20.13	20.17	21
		50	0	20.01	20.09	20.11	21

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LTE Band 12 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	23.14	23.02	23.13	24
		1	2	22.89	22.78	22.77	24
		1	5	23.09	23.09	23.11	24
		3	0	23.01	22.91	22.96	24
		3	2	22.95	22.84	22.92	24
		3	3	22.92	22.99	23.01	24
		6	0	22.05	21.95	22.04	23
	16QAM	1	0	22.38	22.28	22.29	23
		1	2	22.09	22.03	22.18	23
		1	5	22.31	22.37	22.29	23
		3	0	22.14	22.04	21.92	23
		3	2	21.95	22	22.04	23
		3	3	22	22	22.04	23
		6	0	20.96	20.97	20.99	22
	64QAM	1	0	21.19	21.29	21.24	22
		1	2	20.88	20.96	20.92	22
		1	5	21.27	21.25	21.32	22
		3	0	21.18	21.28	21.24	22
		3	2	20.86	20.96	20.92	22
		3	3	21.25	21.24	21.31	22
		6	0	20	19.99	20.07	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	23.25	23.12	23.12	24
		1	7	22.82	22.53	22.72	24
		1	14	23.09	23.2	23.22	24
		8	0	22.14	21.99	22.11	23
		8	4	21.97	21.99	22.1	23
		8	7	21.92	22.09	21.99	23
		15	0	21.98	22.05	22.09	23
	16QAM	1	0	22.41	22.36	22.38	23
		1	7	21.66	21.71	21.74	23
		1	14	22.27	22.41	22.42	23
		8	0	21.03	21.02	21.12	22
		8	4	20.98	20.95	21.07	22
		8	7	20.94	20.99	21	22
		15	0	20.95	20.99	21.07	22
	64QAM	1	0	21.21	21.31	21.29	22
		1	7	20.89	20.92	20.84	22
		1	14	21.25	21.23	21.3	22
		8	0	20.01	20.03	20.12	21
		8	4	20.02	19.98	20.1	21
		8	7	19.94	20.09	20.15	21
		15	0	19.98	19.98	20.08	21

Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	23.18	23.06	23.2	24
		1	13	23.08	23.12	23.12	24
		1	24	23.12	23.19	23.12	24
		12	0	22.07	22.06	22.07	23
		12	6	21.97	22	22.02	23
		12	13	22.03	22.08	22.2	23
		25	0	21.99	21.99	22.07	23
	16QAM	1	0	22.35	22.3	22.33	23
		1	13	22.34	22.36	22.35	23
		1	24	22.34	22.45	22.31	23
		12	0	21.04	21	21.07	22
		12	6	21.01	21.06	21.01	22
		12	13	21.04	21.05	21.23	22
		25	0	21.01	20.97	21.04	22
	64QAM	1	0	21.27	21.33	21.3	22
		1	13	20.97	20.98	20.92	22
		1	24	21.29	21.3	21.33	22
		12	0	20.06	20.05	20.13	21
		12	6	20.07	19.99	20.14	21
		12	13	20.01	20.11	20.19	21
		25	0	20.03	20.06	20.11	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.13	22.99	23.05	24
		1	25	22.99	22.93	22.79	24
		1	49	23.11	23.18	**23.19**	24
		25	0	21.99	21.97	22.04	23
		25	13	22.01	22	22.09	23
		25	25	22.02	22.14	**22.16**	23
		50	0	22	22.04	**22.15**	23
	16QAM	1	0	22.22	22.18	22.27	23
		1	25	22.13	22.01	22.21	23
		1	49	22.24	22.32	22.37	23
		25	0	21.01	20.95	20.97	22
		25	13	20.96	20.99	21.06	22
		25	25	20.94	21.02	21.11	22
		50	0	20.93	20.96	21.02	22
	64QAM	1	0	21.27	21.34	21.31	22
		1	25	20.98	20.99	20.93	22
		1	49	21.3	21.3	21.33	22
		25	0	20.07	20.05	20.14	21
		25	13	20.08	20	20.15	21
		25	25	20.01	20.11	20.19	21
		50	0	20.03	20.07	20.12	21

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LTE Band 12 Receiver off （body or limbs）+ hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.01	19.97	20.08	21
		1	2	19.48	19.55	19.57	21
		1	5	20.01	20	20.05	21
		3	0	20.01	19.92	19.93	21
		3	2	19.67	19.79	19.83	21
		3	3	19.99	19.8	19.94	21
		6	0	19.89	19.78	19.96	21
	16QAM	1	0	20.42	20.28	20.39	21
		1	2	20.21	20.08	20.08	21
		1	5	20.26	20.3	20.38	21
		3	0	20.02	19.91	20.05	21
		3	2	19.79	19.99	19.84	21
		3	3	19.93	19.92	19.91	21
		6	0	19.86	19.93	19.95	21
	64QAM	1	0	20.23	20.08	20.21	21
		1	2	20.02	19.86	20.04	21
		1	5	20.19	20.33	20.34	21
		3	0	20.04	20.04	20.11	21
		3	2	19.96	20.03	20.06	21
		3	3	19.94	20.09	20.13	21
		6	0	19.99	20.06	20.06	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20	19.94	19.97	21
		1	7	19.71	20	19.65	21
		1	14	19.96	19.98	20.03	21
		8	0	19.97	19.82	20.04	21
		8	4	20	19.84	20.09	21
		8	7	19.86	19.91	19.96	21
		15	0	19.95	19.99	20.02	21
	16QAM	1	0	20.35	20.25	20.35	21
		1	7	20.18	19.79	19.95	21
		1	14	20.25	20.37	20.36	21
		8	0	19.81	19.87	19.99	21
		8	4	19.87	19.91	20.04	21
		8	7	19.88	19.96	19.94	21
		15	0	19.88	19.97	19.92	21
	64QAM	1	0	20.22	20.08	20.26	21
		1	7	20.03	19.88	19.99	21
		1	14	20.16	20.36	20.32	21
		8	0	20.01	20.03	20.08	21
		8	4	20.04	19.98	20.06	21
		8	7	19.93	20.09	20.11	21
		15	0	19.95	20.08	20.11	21

Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	20.02	19.96	20.02	21
		1	13	19.92	20.01	20.03	21
		1	24	20	20.02	20.04	21
		12	0	20	20	19.99	21
		12	6	19.91	19.88	19.9	21
		12	13	19.98	20	20.14	21
		25	0	19.91	19.9	20.01	21
	16QAM	1	0	20.37	20.21	20.29	21
		1	13	20.33	20.33	20.34	21
		1	24	20.38	20.33	20.29	21
		12	0	19.96	19.97	19.98	21
		12	6	19.86	19.91	19.87	21
		12	13	19.93	19.97	20.13	21
		25	0	19.9	19.89	20.03	21
	64QAM	1	0	20.24	20.13	20.23	21
		1	13	20.07	19.84	20.04	21
		1	24	20.2	20.35	20.35	21
		12	0	20.01	20.05	20.15	21
		12	6	19.99	20.06	20.04	21
		12	13	19.97	20.11	20.13	21
		25	0	19.99	20.07	20.06	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	19.97	19.95	19.87	21
		1	25	19.7	19.73	19.7	21
		1	49	20.02	20.04	**20.07**	21
		25	0	19.97	19.93	19.98	21
		25	13	19.92	19.94	19.99	21
		25	25	19.93	20.04	**20.08**	21
		50	0	19.9	19.99	**20.06**	21
	16QAM	1	0	20.12	20.19	20.12	21
		1	25	20.17	20.22	20.18	21
		1	49	20.42	20.37	20.35	21
		25	0	19.91	19.91	19.92	21
		25	13	19.92	19.87	19.93	21
		25	25	19.86	20	20	21
		50	0	19.85	19.89	19.94	21
	64QAM	1	0	20.21	20.06	20.23	21
		1	25	20.04	19.81	19.98	21
		1	49	20.18	20.33	20.34	21
		25	0	20.04	19.98	20.14	21
		25	13	19.97	20.04	20.11	21
		25	25	19.95	20.05	20.14	21
		50	0	19.96	20.04	20.08	21

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LTE Band 12 Receiver off （body or limbs）+ hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.06	18.01	18.08	19
		1	2	17.42	17.42	17.45	19
		1	5	18	18	18.05	19
		3	0	18.08	17.93	18.03	19
		3	2	17.81	17.77	17.75	19
		3	3	17.81	17.73	17.92	19
		6	0	17.9	17.89	17.97	19
	16QAM	1	0	18.37	18.29	18.42	19
		1	2	18.2	18.29	18.35	19
		1	5	18.33	18.25	18.39	19
		3	0	18.02	18.01	18.12	19
		3	2	17.8	17.95	17.97	19
		3	3	17.93	17.94	17.96	19
		6	0	17.86	17.85	17.9	19
	64QAM	1	0	18.21	17.88	17.95	19
		1	2	17.99	17.7	17.77	19
		1	5	18.04	18.1	18.05	19
		3	0	17.86	17.92	18.14	19
		3	2	17.87	17.92	17.98	19
		3	3	17.77	17.77	18.09	19
		6	0	17.92	17.79	17.93	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	18	17.95	18.03	19
		1	7	17.9	17.81	17.59	19
		1	14	17.99	18.03	18.08	19
		8	0	17.96	17.84	18.05	19
		8	4	17.95	17.9	18.08	19
		8	7	17.88	17.94	17.92	19
		15	0	17.89	17.98	18.08	19
	16QAM	1	0	18.32	18.18	18.36	19
		1	7	17.91	18.05	18.09	19
		1	14	18.23	18.21	18.33	19
		8	0	17.97	17.9	17.99	19
		8	4	17.97	17.95	18.09	19
		8	7	17.89	17.95	17.98	19
		15	0	17.86	17.9	17.99	19
	64QAM	1	0	18.19	18.01	17.98	19
		1	7	17.92	17.65	17.83	19
		1	14	17.91	18.23	18.07	19
		8	0	17.89	17.79	17.86	19
		8	4	17.96	17.86	17.91	19
		8	7	17.81	18.04	18.06	19
		15	0	17.7	17.84	18.03	19
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	18.04	17.92	18.02	19
		1	13	17.96	17.99	18.06	19
		1	24	18	18	18.06	19
		12	0	18.03	17.98	18.02	19
		12	6	17.92	17.93	17.94	19
		12	13	18	18.03	18.17	19
		25	0	17.97	17.98	18.07	19
	16QAM	1	0	18.22	18.19	18.3	19
		1	13	18.33	18.29	18.4	19
		1	24	18.36	18.4	18.29	19
		12	0	17.93	17.94	17.98	19
		12	6	17.93	17.99	17.96	19
		12	13	17.93	17.94	18.11	19
		25	0	17.91	17.92	18.01	19
	64QAM	1	0	18.15	18.05	18.12	19
		1	13	17.92	17.54	17.9	19
		1	24	18.04	18.03	18.18	19
		12	0	17.77	17.77	18.02	19
		12	6	17.77	18.03	18.04	19
		12	13	17.86	18	18.03	19
		25	0	17.72	18.02	17.82	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.95	17.9	17.94	19
		1	25	17.77	17.91	17.68	19
		1	49	18.03	18.05	**18.07**	19
		25	0	17.98	17.92	18.03	19
		25	13	17.95	17.99	18.01	19
		25	25	17.95	18.04	**18.1**	19
		50	0	17.93	17.98	**18.05**	19
	16QAM	1	0	18.28	18.22	18.19	19
		1	25	18.08	18.03	18.16	19
		1	49	18.32	18.32	18.34	19
		25	0	17.87	17.89	17.93	19
		25	13	17.91	17.93	17.93	19
		25	25	17.86	17.94	18.03	19
		50	0	17.84	17.91	18.01	19
	64QAM	1	0	18.18	17.77	18.08	19
		1	25	18.03	17.58	17.83	19
		1	49	18.17	18.17	18.26	19
		25	0	17.77	17.84	17.89	19
		25	13	17.71	17.77	18.09	19
		25	25	17.76	18	18.06	19
		50	0	17.96	17.95	17.87	19

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LTE Band 12 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.58	17.51	17.67	18.5
		1	2	16.43	17.26	17.76	18.5
		1	5	17.4	17.38	17.64	18.5
		3	0	17.47	16.99	17.53	18.5
		3	2	17.53	16.9	17.34	18.5
		3	3	17.03	17.12	17.19	18.5
		6	0	17.49	17.45	17.85	18.5
	16QAM	1	0	17.67	17.4	17.59	18.5
		1	2	16.93	17.65	17.41	18.5
		1	5	17.73	17.5	17.93	18.5
		3	0	17.52	17.43	17.25	18.5
		3	2	17.5	17.24	17.67	18.5
		3	3	17.43	16.93	17.16	18.5
		6	0	17.05	17.11	17.52	18.5
	64QAM	1	0	17.65	17.29	17.38	18.5
		1	2	17.43	17.16	17.22	18.5
		1	5	17.53	17.59	17.45	18.5
		3	0	17.31	17.32	17.59	18.5
		3	2	17.35	17.33	17.42	18.5
		3	3	17.26	17.27	17.5	18.5
		6	0	17.35	17.2	17.42	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.48	17.45	17.52	18.5
		1	7	16.85	16.83	15.81	18.5
		1	14	17.56	17.45	17.46	18.5
		8	0	17.24	17.5	17.14	18.5
		8	4	17.64	17.43	17.61	18.5
		8	7	17.44	17.56	17.46	18.5
		15	0	17.4	17.49	17.7	18.5
	16QAM	1	0	17.96	17.27	18.23	18.5
		1	7	17.05	17.45	17.15	18.5
		1	14	17.71	17.84	17.81	18.5
		8	0	17.51	17.3	17.11	18.5
		8	4	17.68	17.45	17.44	18.5
		8	7	17.04	17.83	17.57	18.5
		15	0	17.31	17.38	17.55	18.5
	64QAM	1	0	17.63	17.33	17.41	18.5
		1	7	17.46	17.14	17.26	18.5
		1	14	17.52	17.51	17.55	18.5
		8	0	17.3	17.36	17.63	18.5
		8	4	17.29	17.33	17.43	18.5
		8	7	17.26	17.23	17.52	18.5
		15	0	17.34	17.22	17.35	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.62	17.29	17.46	18.5
		1	13	17.42	17.36	17.53	18.5
		1	24	17.4	17.57	17.41	18.5
		12	0	17.46	17.42	17.51	18.5
		12	6	17.5	17.52	17.31	18.5
		12	13	17.49	17.47	17.62	18.5
		25	0	17.33	17.34	17.46	18.5
	16QAM	1	0	17.51	17.89	17.18	18.5
		1	13	17.19	18.13	18	18.5
		1	24	18.02	17.4	18.18	18.5
		12	0	17.46	17.45	17.56	18.5
		12	6	17.28	17.42	17.34	18.5
		12	13	17.45	17.36	17.68	18.5
		25	0	17.27	17.29	17.42	18.5
	64QAM	1	0	17.61	17.37	17.42	18.5
		1	13	17.48	17.17	17.18	18.5
		1	24	17.44	17.5	17.54	18.5
		12	0	17.32	17.36	17.58	18.5
		12	6	17.36	17.34	17.44	18.5
		12	13	17.24	17.19	17.52	18.5
		25	0	17.35	17.25	17.33	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.48	17.39	17.3	18.5
		1	25	16.44	17.73	16.88	18.5
		1	49	17.53	17.44	17.6	18.5
		25	0	17.4	17.29	17.43	18.5
		25	13	17.44	17.36	17.46	18.5
		25	25	17.4	17.43	17.63	18.5
		50	0	17.44	17.45	17.58	18.5
	16QAM	1	0	17.89	17.58	17.76	18.5
		1	25	16.93	17.82	17.63	18.5
		1	49	18.06	17.89	17.5	18.5
		25	0	17.27	17.38	17.46	18.5
		25	13	17.24	17.31	17.36	18.5
		25	25	17.32	17.38	17.5	18.5
		50	0	17.21	17.39	17.34	18.5
	64QAM	1	0	17.62	17.35	17.4	18.5
		1	25	17.41	17.18	17.18	18.5
		1	49	17.5	17.6	17.53	18.5
		25	0	17.28	17.34	17.61	18.5
		25	13	17.32	17.41	17.4	18.5
		25	25	17.17	17.22	17.49	18.5
		50	0	17.41	17.26	17.42	18.5

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LTE Band 12 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.14	16.9	17.1	18
		1	2	16.59	17.18	17.33	18
		1	5	16.98	16.98	17.12	18
		3	0	17.13	16.91	17.02	18
		3	2	16.98	16.95	17.1	18
		3	3	17.08	17.05	16.99	18
		6	0	16.9	17.24	17.04	18
	16QAM	1	0	17.45	17.22	17.67	18
		1	2	17.08	16.76	16.83	18
		1	5	16.93	17.46	17.3	18
		3	0	16.98	16.89	17.22	18
		3	2	16.85	16.75	17.08	18
		3	3	16.81	16.71	16.58	18
		6	0	16.68	16.8	17.1	18
	64QAM	1	0	17.05	16.81	16.85	18
		1	2	16.86	16.65	16.59	18
		1	5	16.92	17.04	16.98	18
		3	0	16.71	16.76	17.02	18
		3	2	16.81	16.85	16.8	18
		3	3	16.64	16.7	16.99	18
		6	0	16.82	16.67	16.86	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	16.98	16.8	16.98	18
		1	7	15.11	15.78	16.69	18
		1	14	16.89	16.9	17.14	18
		8	0	16.96	16.88	17.19	18
		8	4	16.82	16.92	17.14	18
		8	7	16.71	17.04	16.99	18
		15	0	16.89	16.95	17.02	18
	16QAM	1	0	17.48	16.78	16.88	18
		1	7	16.6	17.29	16.7	18
		1	14	17.29	17.08	17.43	18
		8	0	16.97	16.9	17.21	18
		8	4	16.87	16.45	17.06	18
		8	7	16.96	16.82	17	18
		15	0	16.9	16.87	16.97	18
	64QAM	1	0	17.07	16.81	16.86	18
		1	7	16.89	16.68	16.67	18
		1	14	16.92	17.08	16.95	18
		8	0	16.76	16.79	17.05	18
		8	4	16.79	16.86	16.86	18
		8	7	16.62	16.65	16.9	18
		15	0	16.86	16.75	16.84	18
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17	16.83	16.91	18
		1	13	16.89	16.96	17.05	18
		1	24	16.94	16.93	17.08	18
		12	0	16.95	16.94	17.09	18
		12	6	16.85	17.01	16.93	18
		12	13	16.97	17.02	17.09	18
		25	0	16.83	16.83	16.99	18
	16QAM	1	0	16.84	17.25	17.06	18
		1	13	17.24	17.2	16.83	18
		1	24	17.24	17.38	17.71	18
		12	0	16.87	16.81	16.98	18
		12	6	17.05	16.91	17.03	18
		12	13	16.94	17	17.11	18
		25	0	16.79	16.84	16.93	18
	64QAM	1	0	17.06	16.75	16.88	18
		1	13	16.83	16.62	16.66	18
		1	24	16.91	17.08	17	18
		12	0	16.73	16.76	17.09	18
		12	6	16.76	16.89	16.89	18
		12	13	16.63	16.67	16.93	18
		25	0	16.86	16.73	16.91	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	16.97	16.83	16.75	18
		1	25	16.85	15.92	16.96	18
		1	49	17.1	17.01	17.04	18
		25	0	16.87	16.82	16.98	18
		25	13	16.83	16.89	16.83	18
		25	25	16.82	17.02	17.02	18
		50	0	16.91	16.98	17.07	18
	16QAM	1	0	16.77	17.09	17.02	18
		1	25	17.49	17.17	17.04	18
		1	49	17.4	17.17	17.39	18
		25	0	16.81	16.87	16.92	18
		25	13	16.81	16.95	16.92	18
		25	25	17.04	16.92	17.15	18
		50	0	16.76	16.89	16.98	18
	64QAM	1	0	17.1	16.77	16.85	18
		1	25	16.87	16.63	16.62	18
		1	49	16.91	17.05	17.02	18
		25	0	16.72	16.83	17.08	18
		25	13	16.79	16.88	16.84	18
		25	25	16.59	16.68	16.95	18
		50	0	16.91	16.74	16.88	18

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LTE Band 12 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.49	15.39	15.64	16.5
		1	2	15.7	14.61	14.44	16.5
		1	5	15.43	15.25	15.58	16.5
		3	0	15.38	15.4	15.67	16.5
		3	2	15.55	15.02	15.58	16.5
		3	3	15.52	15.43	15.5	16.5
		6	0	15.52	15.28	15.58	16.5
	16QAM	1	0	16.12	16.14	15.69	16.5
		1	2	15.39	15.14	15.57	16.5
		1	5	15.84	15.57	15.98	16.5
		3	0	15.36	15.23	15.64	16.5
		3	2	15.17	15.42	15.94	16.5
		3	3	15.71	15.54	15.36	16.5
		6	0	15.49	15.18	15.49	16.5
	64QAM	1	0	15.6	15.18	15.27	16.5
		1	2	15.27	15.08	15.04	16.5
		1	5	15.33	15.49	15.46	16.5
		3	0	15.16	15.25	15.56	16.5
		3	2	15.25	15.33	15.33	16.5
		3	3	14.99	15.13	15.41	16.5
		6	0	15.38	15.17	15.34	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	15.43	15.42	15.4	16.5
		1	7	14.41	15.19	16.3	16.5
		1	14	15.49	15.51	15.46	16.5
		8	0	15.39	15.22	15.64	16.5
		8	4	15.4	15.51	15.62	16.5
		8	7	15.27	15.42	15.62	16.5
		15	0	15.43	15.48	15.5	16.5
	16QAM	1	0	15.69	15.72	15.48	16.5
		1	7	15.24	14.61	15.83	16.5
		1	14	15.32	15.8	16.09	16.5
		8	0	15.56	15.23	14.95	16.5
		8	4	15.45	15.45	15.71	16.5
		8	7	15.4	15.31	15.49	16.5
		15	0	15.42	15.3	15.47	16.5
	64QAM	1	0	15.56	15.21	15.32	16.5
		1	7	15.34	15.06	15.07	16.5
		1	14	15.39	15.52	15.49	16.5
		8	0	15.2	15.25	15.51	16.5
		8	4	15.25	15.3	15.32	16.5
		8	7	15.08	15.14	15.37	16.5
		15	0	15.31	15.23	15.3	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	15.51	15.29	15.42	16.5
		1	13	15.35	15.48	15.47	16.5
		1	24	15.45	15.53	15.5	16.5
		12	0	15.45	15.43	15.57	16.5
		12	6	15.39	15.35	15.46	16.5
		12	13	15.46	15.48	15.64	16.5
		25	0	15.32	15.37	15.59	16.5
	16QAM	1	0	15.79	15.35	15.5	16.5
		1	13	15.63	15.78	15.88	16.5
		1	24	15.8	15.71	15.74	16.5
		12	0	15.54	15.39	15.4	16.5
		12	6	15.52	15.57	15.59	16.5
		12	13	15.5	15.39	15.56	16.5
		25	0	15.19	15.39	15.53	16.5
	64QAM	1	0	15.58	15.26	15.34	16.5
		1	13	15.29	15.1	15.06	16.5
		1	24	15.4	15.53	15.42	16.5
		12	0	15.13	15.33	15.5	16.5
		12	6	15.2	15.32	15.3	16.5
		12	13	15.02	15.14	15.37	16.5
		25	0	15.39	15.14	15.34	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	15.47	15.39	15.54	16.5
		1	25	14.78	14.43	14.94	16.5
		1	49	15.35	15.5	15.53	16.5
		25	0	15.4	15.37	15.41	16.5
		25	13	15.43	15.46	15.44	16.5
		25	25	15.39	15.47	15.61	16.5
		50	0	15.42	15.44	15.57	16.5
	16QAM	1	0	15.51	15.64	15.38	16.5
		1	25	16.1	16.06	15.87	16.5
		1	49	15.82	15.91	16.07	16.5
		25	0	15.29	15.39	15.45	16.5
		25	13	15.15	15.29	15.53	16.5
		25	25	15.31	15.41	15.59	16.5
		50	0	15.34	15.39	15.38	16.5
	64QAM	1	0	15.5	15.22	15.32	16.5
		1	25	15.29	15.05	15.08	16.5
		1	49	15.39	15.51	15.51	16.5
		25	0	15.2	15.3	15.51	16.5
		25	13	15.27	15.33	15.3	16.5
		25	25	15.02	15.12	15.36	16.5
		50	0	15.34	15.16	15.32	16.5

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LTE Band 12 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15	14.91	15.15	16
		1	2	15.18	14.64	15.36	16
		1	5	14.96	15.03	15.16	16
		3	0	14.93	14.89	14.92	16
		3	2	14.92	14.84	14.63	16
		3	3	14.74	14.94	14.97	16
		6	0	14.98	15.06	14.71	16
	16QAM	1	0	14.88	15.37	15.63	16
		1	2	15.16	14.89	15.37	16
		1	5	15.13	14.94	15.51	16
		3	0	14.89	14.96	15.13	16
		3	2	14.73	14.73	14.94	16
		3	3	14.82	14.93	15.1	16
		6	0	15.21	15.06	14.96	16
	64QAM	1	0	15.09	14.61	14.74	16
		1	2	14.72	14.52	14.46	16
		1	5	14.79	14.97	14.94	16
		3	0	14.65	14.75	15.05	16
		3	2	14.66	14.8	14.77	16
		3	3	14.49	14.58	14.87	16
		6	0	14.84	14.61	14.82	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	14.86	14.84	15.11	16
		1	7	14.54	14.06	15.2	16
		1	14	14.94	14.94	15.03	16
		8	0	14.87	14.84	15.09	16
		8	4	14.87	14.98	15.19	16
		8	7	14.88	14.9	14.92	16
		15	0	14.87	14.96	15.18	16
	16QAM	1	0	15.13	15.58	15.39	16
		1	7	15.13	14.2	15.05	16
		1	14	15.23	15.08	15.32	16
		8	0	14.59	14.41	15.03	16
		8	4	14.87	14.92	14.99	16
		8	7	15.28	14.98	14.88	16
		15	0	14.6	14.98	15.14	16
	64QAM	1	0	15.02	14.64	14.7	16
		1	7	14.73	14.58	14.45	16
		1	14	14.74	14.91	14.88	16
		8	0	14.65	14.68	14.98	16
		8	4	14.72	14.8	14.82	16
		8	7	14.48	14.61	14.9	16
		15	0	14.8	14.66	14.75	16
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	15	14.88	14.95	16
		1	13	14.88	15.12	15.11	16
		1	24	14.95	14.91	15.18	16
		12	0	14.99	14.97	15.04	16
		12	6	14.88	14.9	14.87	16
		12	13	14.99	14.98	15.22	16
		25	0	14.85	14.85	15.09	16
	16QAM	1	0	15.45	15.11	15.4	16
		1	13	14.9	15.5	15.17	16
		1	24	15.07	15.25	14.91	16
		12	0	14.86	14.95	15.07	16
		12	6	14.82	14.88	15.06	16
		12	13	14.86	14.98	15.05	16
		25	0	14.96	14.82	15.08	16
	64QAM	1	0	15.03	14.61	14.67	16
		1	13	14.74	14.5	14.5	16
		1	24	14.8	14.92	14.91	16
		12	0	14.66	14.66	15.06	16
		12	6	14.68	14.78	14.82	16
		12	13	14.44	14.56	14.86	16
		25	0	14.84	14.57	14.79	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	14.98	14.82	14.83	16
		1	25	14.23	15.39	14.34	16
		1	49	14.98	15.01	15.08	16
		25	0	14.94	14.88	14.98	16
		25	13	14.85	14.87	15.03	16
		25	25	15.04	15.04	15.09	16
		50	0	14.83	15	15.08	16
	16QAM	1	0	15.32	14.69	15.14	16
		1	25	15.59	15.26	15.64	16
		1	49	14.91	15.55	15.37	16
		25	0	14.76	14.98	14.72	16
		25	13	14.93	14.79	14.93	16
		25	25	14.78	14.86	15.04	16
		50	0	14.78	14.92	14.9	16
	64QAM	1	0	15.01	14.63	14.68	16
		1	25	14.75	14.56	14.48	16
		1	49	14.79	14.92	14.86	16
		25	0	14.64	14.73	14.97	16
		25	13	14.71	14.75	14.75	16
		25	25	14.4	14.6	14.88	16
		50	0	14.82	14.6	14.77	16

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LTE Band 12 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.56	18.41	18.63	19.5
		1	2	18.67	18.67	17.93	19.5
		1	5	18.39	18.42	18.47	19.5
		3	0	18.5	18.39	18.56	19.5
		3	2	18.58	18.46	18.77	19.5
		3	3	18.52	18.38	18.2	19.5
		6	0	18.3	18.61	18.84	19.5
	16QAM	1	0	18.46	18.77	19.08	19.5
		1	2	18.73	18.6	18.43	19.5
		1	5	18.52	19.14	19.42	19.5
		3	0	18.68	18.15	18.49	19.5
		3	2	18.43	18.35	18.49	19.5
		3	3	18.19	18.17	18.28	19.5
		6	0	18.2	18.29	18.35	19.5
	64QAM	1	0	18.53	18.03	18.18	19.5
		1	2	18.21	17.93	17.88	19.5
		1	5	18.2	18.42	18.41	19.5
		3	0	18.12	18.16	18.48	19.5
		3	2	18.12	18.28	18.25	19.5
		3	3	17.91	18.06	18.35	19.5
		6	0	18.28	18.1	18.26	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	18.6	18.26	18.51	19.5
		1	7	18.75	18.46	17.51	19.5
		1	14	18.26	18.46	18.44	19.5
		8	0	18.53	18.4	18.46	19.5
		8	4	18.6	18.69	18.56	19.5
		8	7	18.12	18.5	18.55	19.5
		15	0	18.44	18.44	18.57	19.5
	16QAM	1	0	19.17	18.78	18.44	19.5
		1	7	17.86	17.7	17.92	19.5
		1	14	18.9	18.75	18.65	19.5
		8	0	18.21	18.27	18.61	19.5
		8	4	18.26	18.54	18.04	19.5
		8	7	18.16	18.47	18.57	19.5
		15	0	18.32	18.4	18.54	19.5
	64QAM	1	0	18.57	18.03	18.21	19.5
		1	7	18.14	17.96	17.89	19.5
		1	14	18.27	18.45	18.43	19.5
		8	0	18.07	18.21	18.54	19.5
		8	4	18.16	18.28	18.18	19.5
		8	7	17.95	17.98	18.35	19.5
		15	0	18.32	18.08	18.29	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	18.52	18.39	18.44	19.5
		1	13	18.46	18.47	18.5	19.5
		1	24	18.34	18.42	18.55	19.5
		12	0	18.49	18.52	18.48	19.5
		12	6	18.31	18.49	18.64	19.5
		12	13	18.47	18.46	18.75	19.5
		25	0	18.37	18.32	18.48	19.5
	16QAM	1	0	18.72	18.41	18.32	19.5
		1	13	18.29	19.02	19	19.5
		1	24	18.93	18.7	19.04	19.5
		12	0	18.42	18.55	18.49	19.5
		12	6	18.48	18.33	18.47	19.5
		12	13	18.42	18.59	18.6	19.5
		25	0	18.47	18.42	18.36	19.5
	64QAM	1	0	18.51	18.11	18.15	19.5
		1	13	18.12	17.94	17.88	19.5
		1	24	18.27	18.39	18.41	19.5
		12	0	18.12	18.17	18.45	19.5
		12	6	18.07	18.27	18.25	19.5
		12	13	17.96	18.07	18.28	19.5
		25	0	18.29	18.03	18.3	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	18.44	18.45	18.32	19.5
		1	25	18.34	18.35	17.94	19.5
		1	49	18.45	18.46	18.52	19.5
		25	0	18.42	18.43	18.42	19.5
		25	13	18.34	18.45	18.45	19.5
		25	25	18.39	18.45	18.59	19.5
		50	0	18.26	18.44	18.59	19.5
	16QAM	1	0	18.88	18.21	18.73	19.5
		1	25	18.43	18.05	19	19.5
		1	49	18.76	18.85	18.78	19.5
		25	0	18.36	18.22	18.38	19.5
		25	13	18.4	18.42	18.43	19.5
		25	25	18.23	18.37	18.41	19.5
		50	0	18.35	18.49	18.4	19.5
	64QAM	1	0	18.52	18.01	18.18	19.5
		1	25	18.17	17.96	17.94	19.5
		1	49	18.24	18.46	18.44	19.5
		25	0	18.12	18.16	18.47	19.5
		25	13	18.09	18.25	18.19	19.5
		25	25	17.97	18.06	18.31	19.5
		50	0	18.3	18.07	18.29	19.5

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LTE Band 12 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.92	17.89	18.01	19
		1	2	17.76	18.11	17.22	19
		1	5	18.07	18.07	18.09	19
		3	0	17.81	17.79	18.04	19
		3	2	17.86	17.81	17.43	19
		3	3	18.05	17.19	17.83	19
		6	0	18.15	17.89	17.96	19
	16QAM	1	0	18.4	18.32	18.37	19
		1	2	17.78	18.93	18.15	19
		1	5	18.33	18.04	17.99	19
		3	0	17.82	17.96	17.9	19
		3	2	18	17.54	18.1	19
		3	3	17.57	17.58	18.23	19
		6	0	17.55	17.83	17.89	19
	64QAM	1	0	17.93	17.43	17.66	19
		1	2	17.63	17.36	17.42	19
		1	5	17.67	17.87	17.88	19
		3	0	17.6	17.66	17.91	19
		3	2	17.52	17.68	17.64	19
		3	3	17.39	17.53	17.77	19
		6	0	17.78	17.48	17.76	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.9	17.92	18.06	19
		1	7	17.92	17.21	17.7	19
		1	14	17.99	17.91	18.07	19
		8	0	18.1	17.74	18.09	19
		8	4	17.91	17.69	17.96	19
		8	7	17.9	17.82	18.13	19
		15	0	17.81	18.01	18.05	19
	16QAM	1	0	17.87	18.42	18.02	19
		1	7	17.56	17.61	17.54	19
		1	14	18.45	18.53	18.58	19
		8	0	18.04	18.01	18.15	19
		8	4	17.83	17.78	18.19	19
		8	7	17.84	17.88	17.65	19
		15	0	17.9	17.71	17.95	19
	64QAM	1	0	17.95	17.42	17.59	19
		1	7	17.65	17.45	17.4	19
		1	14	17.72	17.86	17.92	19
		8	0	17.6	17.65	17.91	19
		8	4	17.51	17.7	17.68	19
		8	7	17.44	17.53	17.72	19
		15	0	17.77	17.54	17.75	19
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.85	17.99	17.82	19
		1	13	17.92	17.92	18.1	19
		1	24	17.87	17.94	18.05	19
		12	0	17.98	18.02	18.01	19
		12	6	17.87	18.04	18	19
		12	13	18.02	18.04	18.1	19
		25	0	17.99	17.95	18.05	19
	16QAM	1	0	18.59	18.29	18.26	19
		1	13	17.79	17.84	18.2	19
		1	24	18.28	18.32	18.5	19
		12	0	17.95	17.85	17.98	19
		12	6	18	18.08	17.9	19
		12	13	17.91	18	18.16	19
		25	0	17.88	17.8	18.08	19
	64QAM	1	0	17.94	17.48	17.59	19
		1	13	17.66	17.46	17.41	19
		1	24	17.73	17.87	17.86	19
		12	0	17.61	17.63	17.93	19
		12	6	17.58	17.66	17.68	19
		12	13	17.39	17.52	17.78	19
		25	0	17.76	17.49	17.79	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	18.17	17.83	17.69	19
		1	25	17	17.58	17.72	19
		1	49	17.96	18.08	18.07	19
		25	0	17.91	17.88	17.9	19
		25	13	17.86	17.95	17.97	19
		25	25	18.04	17.93	18.07	19
		50	0	17.86	18.01	17.98	19
	16QAM	1	0	18.26	18.21	18.09	19
		1	25	18.03	16.9	18.43	19
		1	49	18.3	18.33	18.67	19
		25	0	17.86	17.92	18.02	19
		25	13	17.94	17.85	17.96	19
		25	25	17.95	17.92	18.06	19
		50	0	17.77	18	17.92	19
	64QAM	1	0	17.95	17.46	17.64	19
		1	25	17.66	17.44	17.41	19
		1	49	17.67	17.9	17.89	19
		25	0	17.59	17.64	17.95	19
		25	13	17.59	17.65	17.59	19
		25	25	17.44	17.5	17.71	19
		50	0	17.8	17.52	17.7	19

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LTE Band 12 Receiver off （body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	20.91	20.98	21.2	22
		1	2	20.88	20.54	20.66	22
		1	5	21.05	21.01	21	22
		3	0	21.09	20.99	21.08	22
		3	2	20.66	20.95	20.57	22
		3	3	20.82	20.96	20.77	22
		6	0	20.89	20.45	20.97	22
	16QAM	1	0	21.27	20.91	21.62	22
		1	2	20.94	21.25	21.01	22
		1	5	21.09	21.08	21.34	22
		3	0	21.17	21.01	21.3	22
		3	2	21.06	21.46	21.12	22
		3	3	20.89	20.6	20.95	22
		6	0	20.86	21.2	20.83	22
	64QAM	1	0	20.88	20.4	20.64	22
		1	2	20.54	20.32	20.34	22
		1	5	20.65	20.83	20.84	22
		3	0	20.54	20.65	20.82	22
		3	2	20.51	20.59	20.57	22
		3	3	20.37	20.51	20.7	22
		6	0	19.75	19.41	19.71	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	21.04	21.03	20.94	22
		1	7	20.76	20.3	20.7	22
		1	14	20.91	21	21.05	22
		8	0	21.07	20.79	21.01	22
		8	4	20.82	20.97	21.02	22
		8	7	21.04	21.03	20.65	22
		15	0	20.98	21.13	20.89	22
	16QAM	1	0	20.91	21.51	21.05	22
		1	7	21.75	20.65	20.96	22
		1	14	21.2	21.58	21.58	22
		8	0	20.66	20.97	21.06	22
		8	4	21.03	21.04	21.1	22
		8	7	20.79	20.98	20.85	22
		15	0	20.96	20.92	20.93	22
	64QAM	1	0	20.86	20.42	20.64	22
		1	7	20.6	20.33	20.37	22
		1	14	20.6	20.82	20.81	22
		8	0	19.58	19.56	19.9	21
		8	4	19.52	19.59	19.53	21
		8	7	19.42	19.45	19.62	21
		15	0	19.71	19.43	19.63	21
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	21.03	20.93	21.05	22
		1	13	20.9	21	21.03	22
		1	24	20.9	20.95	21.02	22
		12	0	21.12	20.94	21	22
		12	6	20.9	21.04	20.95	22
		12	13	21.03	21	21.18	22
		25	0	20.9	20.91	20.96	22
	16QAM	1	0	21.51	20.98	21.55	22
		1	13	21.12	21.35	21.35	22
		1	24	21.49	21.27	21.48	22
		12	0	21	21.06	20.95	22
		12	6	20.89	20.88	21.02	22
		12	13	21.01	20.87	21.02	22
		25	0	20.84	20.86	20.94	22
	64QAM	1	0	20.84	20.37	20.65	22
		1	13	20.61	20.3	20.34	22
		1	24	20.65	20.81	20.79	22
		12	0	19.51	19.56	19.94	21
		12	6	19.51	19.57	19.57	21
		12	13	19.41	19.42	19.62	21
		25	0	19.79	19.46	19.69	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.93	20.94	20.91	22
		1	25	20.57	21.11	20.8	22
		1	49	21.04	21.17	21.1	22
		25	0	21.09	20.93	20.98	22
		25	13	20.94	20.91	20.9	22
		25	25	20.99	20.98	21.07	22
		50	0	20.95	21.05	21.11	22
	16QAM	1	0	21.31	20.92	21.18	22
		1	25	21.34	21.07	21.6	22
		1	49	21.24	21.59	20.72	22
		25	0	21.01	20.96	21.05	22
		25	13	21.08	20.85	20.91	22
		25	25	20.72	20.88	21.1	22
		50	0	20.99	20.88	20.99	22
	64QAM	1	0	20.85	20.42	20.64	22
		1	25	20.58	20.33	20.4	22
		1	49	20.6	20.77	20.85	22
		25	0	19.51	19.54	19.92	21
		25	13	19.57	19.61	19.53	21
		25	25	19.44	19.5	19.65	21
		50	0	19.7	19.45	19.68	21

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LTE Band 12 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.42	17.46	17.59	18.5
		1	2	17.26	17.66	17.03	18.5
		1	5	17.55	17.55	17.53	18.5
		3	0	17.4	17.52	17.2	18.5
		3	2	17.28	17.1	16.97	18.5
		3	3	17.46	17.46	17.52	18.5
		6	0	17.74	17.34	17.29	18.5
	16QAM	1	0	17.88	17.99	18.11	18.5
		1	2	17.7	17.05	17.77	18.5
		1	5	17.74	17.95	17.54	18.5
		3	0	17.42	16.92	17.54	18.5
		3	2	17.57	16.81	17.89	18.5
		3	3	17.33	17.43	17.18	18.5
		6	0	17.65	17.33	17.31	18.5
	64QAM	1	0	17.37	16.91	17.07	18.5
		1	2	17.07	16.88	16.81	18.5
		1	5	17.15	17.3	17.33	18.5
		3	0	17.04	17.09	17.43	18.5
		3	2	17.04	17.13	17.05	18.5
		3	3	16.9	16.93	17.18	18.5
		6	0	17.23	16.97	17.12	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.55	17.45	17.62	18.5
		1	7	16.03	17.15	17.83	18.5
		1	14	17.45	17.59	17.55	18.5
		8	0	17.46	17.41	17.55	18.5
		8	4	17.43	17.23	17.74	18.5
		8	7	17.23	17.43	17.51	18.5
		15	0	17.45	17.4	17.45	18.5
	16QAM	1	0	17.67	17.81	18.09	18.5
		1	7	17.46	16.38	17.3	18.5
		1	14	17.64	17.5	17.41	18.5
		8	0	17.33	17.67	17.42	18.5
		8	4	17.15	17.39	17.46	18.5
		8	7	17.32	17.31	17.57	18.5
		15	0	17.19	17.29	17.56	18.5
	64QAM	1	0	17.43	16.91	17.13	18.5
		1	7	17.11	16.84	16.84	18.5
		1	14	17.16	17.33	17.33	18.5
		8	0	16.99	17.13	17.36	18.5
		8	4	17.04	17.13	17	18.5
		8	7	16.89	16.92	17.16	18.5
		15	0	17.23	17	17.14	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.45	17.28	17.4	18.5
		1	13	17.56	17.45	17.55	18.5
		1	24	17.45	17.48	17.46	18.5
		12	0	17.4	17.39	17.52	18.5
		12	6	17.49	17.46	17.4	18.5
		12	13	17.47	17.52	17.68	18.5
		25	0	17.42	17.4	17.51	18.5
	16QAM	1	0	17.78	17.26	17.73	18.5
		1	13	17.3	17.44	17.4	18.5
		1	24	18.11	17.78	18.13	18.5
		12	0	17.49	17.46	17.51	18.5
		12	6	17.43	17.44	17.43	18.5
		12	13	17.36	17.43	17.72	18.5
		25	0	17.35	17.32	17.44	18.5
	64QAM	1	0	17.36	16.92	17.1	18.5
		1	13	17.16	16.86	16.81	18.5
		1	24	17.08	17.38	17.34	18.5
		12	0	17.02	17.09	17.39	18.5
		12	6	16.99	17.13	17.04	18.5
		12	13	16.84	17	17.19	18.5
		25	0	17.3	16.95	17.2	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.45	17.38	17.33	18.5
		1	25	17.02	16.82	17.62	18.5
		1	49	17.54	17.69	17.65	18.5
		25	0	17.46	17.45	17.51	18.5
		25	13	17.44	17.39	17.35	18.5
		25	25	17.34	17.56	17.48	18.5
		50	0	17.4	17.37	17.61	18.5
	16QAM	1	0	17.93	17.61	17.55	18.5
		1	25	17.73	17.71	17.74	18.5
		1	49	17.82	17.89	18.14	18.5
		25	0	17.43	17.27	17.36	18.5
		25	13	17.37	17.31	17.45	18.5
		25	25	17.24	17.38	17.46	18.5
		50	0	17.28	17.3	17.43	18.5
	64QAM	1	0	17.44	16.92	17.1	18.5
		1	25	17.09	16.84	16.84	18.5
		1	49	17.1	17.39	17.31	18.5
		25	0	17.01	17.06	17.41	18.5
		25	13	17.03	17.14	17.09	18.5
		25	25	16.86	16.94	17.14	18.5
		50	0	17.23	16.99	17.12	18.5

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LTE Band 12 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.13	16.92	17.07	18
		1	2	16.52	17.36	16.6	18
		1	5	16.97	17.03	17.09	18
		3	0	16.93	16.84	17.07	18
		3	2	16.85	17.05	16.93	18
		3	3	16.74	16.85	16.79	18
		6	0	16.61	16.94	17.11	18
	16QAM	1	0	17.32	17.15	17.46	18
		1	2	16.52	17.2	17.29	18
		1	5	17.34	17.41	17.63	18
		3	0	16.9	16.81	17.16	18
		3	2	16.8	16.51	17.11	18
		3	3	17.08	17.04	17.14	18
		6	0	17.18	16.74	16.24	18
	64QAM	1	0	16.79	16.39	16.49	18
		1	2	16.5	16.38	16.24	18
		1	5	16.6	16.79	16.77	18
		3	0	16.51	16.53	16.85	18
		3	2	16.5	16.6	16.45	18
		3	3	16.31	16.4	16.59	18
		6	0	16.66	16.45	16.52	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.08	16.94	17.09	18
		1	7	15.76	17.96	16.75	18
		1	14	16.95	16.95	17.09	18
		8	0	16.75	16.89	17.06	18
		8	4	17.16	16.97	17.13	18
		8	7	16.79	16.72	17.01	18
		15	0	16.84	16.9	16.96	18
	16QAM	1	0	17.45	17.25	16.96	18
		1	7	17.35	17.32	17.01	18
		1	14	16.92	17.52	17.51	18
		8	0	16.9	16.88	17.2	18
		8	4	16.89	17.04	17.05	18
		8	7	16.83	16.84	16.96	18
		15	0	16.93	16.84	17.16	18
	64QAM	1	0	16.78	16.37	16.56	18
		1	7	16.47	16.35	16.24	18
		1	14	16.6	16.78	16.75	18
		8	0	16.53	16.49	16.9	18
		8	4	16.49	16.63	16.5	18
		8	7	16.34	16.38	16.65	18
		15	0	16.65	16.44	16.56	18
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.02	16.88	17.09	18
		1	13	16.89	16.92	17.13	18
		1	24	17.03	17.01	16.96	18
		12	0	17.04	16.94	17.04	18
		12	6	16.65	16.78	17.05	18
		12	13	16.99	16.95	17.22	18
		25	0	16.99	16.96	17.12	18
	16QAM	1	0	17.23	16.77	17.28	18
		1	13	17.01	17.37	17.5	18
		1	24	17.36	17.4	17.22	18
		12	0	16.94	17.09	16.92	18
		12	6	16.91	17	16.99	18
		12	13	16.92	16.92	17.04	18
		25	0	16.89	16.83	16.97	18
	64QAM	1	0	16.78	16.4	16.48	18
		1	13	16.54	16.35	16.22	18
		1	24	16.57	16.73	16.81	18
		12	0	16.49	16.52	16.89	18
		12	6	16.47	16.59	16.49	18
		12	13	16.38	16.38	16.58	18
		25	0	16.71	16.39	16.57	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	16.93	16.91	16.82	18
		1	25	17.1	17.11	17.04	18
		1	49	17.09	16.95	16.99	18
		25	0	16.93	16.86	16.91	18
		25	13	16.96	17.02	16.95	18
		25	25	16.96	17	17.05	18
		50	0	16.99	16.98	17.03	18
	16QAM	1	0	17.13	16.91	17	18
		1	25	16.88	16.94	16.98	18
		1	49	17.48	17.5	17.39	18
		25	0	16.87	16.82	16.8	18
		25	13	16.98	16.86	16.74	18
		25	25	16.88	16.98	16.95	18
		50	0	16.9	16.88	16.9	18
	64QAM	1	0	16.86	16.39	16.5	18
		1	25	16.51	16.3	16.3	18
		1	49	16.56	16.72	16.82	18
		25	0	16.45	16.56	16.86	18
		25	13	16.48	16.6	16.49	18
		25	25	16.36	16.37	16.58	18
		50	0	16.64	16.68	16.53	18

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LTE Band 12 Receiver off （body or limbs）+ WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	19.98	19.98	20.12	21
		1	2	19.26	19.03	18.94	21
		1	5	19.91	19.99	20.03	21
		3	0	19.88	19.89	20.08	21
		3	2	20.13	20.17	19.25	21
		3	3	20.14	20	19.81	21
		6	0	20.11	19.94	20.03	21
	16QAM	1	0	20.2	20.02	20.51	21
		1	2	19.72	18.68	20.29	21
		1	5	20.39	20.43	20.49	21
		3	0	20.32	19.96	20.11	21
		3	2	19.87	20.06	19.38	21
		3	3	19.67	19.6	20.14	21
		6	0	20.04	19.83	19.69	21
	64QAM	1	0	19.92	19.79	20.19	21
		1	2	19.54	18.44	20.26	21
		1	5	20.24	20.19	20.39	21
		3	0	20.1	19.86	20.1	21
		3	2	19.68	20	19.16	21
		3	3	19.46	19.46	20.07	21
		6	0	19.87	19.64	19.44	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.01	19.88	19.99	21
		1	7	19.02	20.04	20.31	21
		1	14	20	20.03	20.11	21
		8	0	19.38	19.9	20.05	21
		8	4	20.14	20.12	20.19	21
		8	7	19.62	19.91	19.83	21
		15	0	19.9	19.85	20.11	21
	16QAM	1	0	20.42	20.29	20.1	21
		1	7	19.63	20.77	20.06	21
		1	14	20.35	20.33	20.23	21
		8	0	19.89	19.99	19.85	21
		8	4	19.94	19.89	20.24	21
		8	7	19.71	20	19.97	21
		15	0	19.95	19.94	19.91	21
	64QAM	1	0	20.3	20.24	19.94	21
		1	7	19.54	20.62	19.99	21
		1	14	20.13	20.05	20.05	21
		8	0	19.67	19.81	19.61	21
		8	4	19.92	19.68	20.09	21
		8	7	19.51	19.77	19.85	21
		15	0	19.94	19.81	19.74	21
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	19.94	19.84	19.97	21
		1	13	19.93	20.07	20.05	21
		1	24	19.99	19.92	20.04	21
		12	0	19.98	19.94	20.04	21
		12	6	19.94	19.91	19.86	21
		12	13	19.97	20	20.09	21
		25	0	19.81	19.97	20.03	21
	16QAM	1	0	20.39	20.37	20.34	21
		1	13	20.21	20.43	20.32	21
		1	24	20.33	20.28	20.3	21
		12	0	19.99	20.01	19.96	21
		12	6	19.8	19.86	19.84	21
		12	13	20	19.93	20.24	21
		25	0	19.86	19.76	20.01	21
	64QAM	1	0	20.14	19.94	20.18	21
		1	13	19.51	18.58	20.15	21
		1	24	20.12	20.31	20.37	21
		12	0	20.27	19.79	20.03	21
		12	6	19.78	19.91	19.15	21
		12	13	19.48	19.44	19.93	21
		25	0	19.88	19.77	19.67	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.17	19.88	19.89	21
		1	25	20.01	19.53	19.75	21
		1	49	19.91	19.89	19.95	21
		25	0	19.9	19.94	19.93	21
		25	13	19.97	19.97	19.99	21
		25	25	19.89	20.01	20.02	21
		50	0	19.94	20.06	20.01	21
	16QAM	1	0	20.34	20.75	20.18	21
		1	25	19.51	20.09	20.14	21
		1	49	20.34	20.36	20.72	21
		25	0	19.92	19.88	19.92	21
		25	13	19.94	19.81	19.85	21
		25	25	19.76	19.99	20.12	21
		50	0	19.93	19.82	20.06	21
	64QAM	1	0	19.93	19.82	20.26	21
		1	25	19.54	18.61	20.17	21
		1	49	20.21	20.31	20.25	21
		25	0	20.18	19.7	19.96	21
		25	13	19.73	19.9	19.19	21
		25	25	19.6	19.56	20.08	21
		50	0	19.95	19.82	19.52	21

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LTE Band 12 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.56	15.41	15.69	16.5
		1	2	14.38	14.96	15.34	16.5
		1	5	15.52	15.45	15.59	16.5
		3	0	15.4	15.22	15.61	16.5
		3	2	15.48	14.95	15.57	16.5
		3	3	15.3	15.1	15.5	16.5
		6	0	15.41	15.1	15.37	16.5
	16QAM	1	0	15.93	15.84	15.83	16.5
		1	2	15.15	15.67	15.49	16.5
		1	5	15.59	15.59	16.05	16.5
		3	0	15.63	15.37	15.63	16.5
		3	2	15.61	15.3	15.3	16.5
		3	3	15.41	15.13	15.69	16.5
		6	0	15.54	15.48	15.33	16.5
	64QAM	1	0	15.41	15.24	15.57	16.5
		1	2	14.9	14.05	15.62	16.5
		1	5	15.54	15.78	15.73	16.5
		3	0	15.54	15.2	15.43	16.5
		3	2	15.12	15.37	14.62	16.5
		3	3	15	14.88	15.53	16.5
		6	0	15.32	15.16	14.94	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	15.44	15.51	15.53	16.5
		1	7	14.93	15.37	15.06	16.5
		1	14	15.36	15.49	15.48	16.5
		8	0	15.45	15.47	15.63	16.5
		8	4	15.63	15.26	15.64	16.5
		8	7	15.35	15.54	15.56	16.5
		15	0	15.27	15.46	15.67	16.5
	16QAM	1	0	15.87	15.46	15.74	16.5
		1	7	15.24	16.06	15.89	16.5
		1	14	15.85	15.94	16.2	16.5
		8	0	15.34	15.28	15.4	16.5
		8	4	15.2	15.55	15.68	16.5
		8	7	15.49	15.56	15.4	16.5
		15	0	15.37	15.3	15.54	16.5
	64QAM	1	0	15.34	15.31	15.61	16.5
		1	7	15.02	13.95	15.51	16.5
		1	14	15.55	15.71	15.71	16.5
		8	0	15.48	15	15.27	16.5
		8	4	15.08	15.35	14.65	16.5
		8	7	14.93	14.96	15.48	16.5
		15	0	15.33	15.28	14.98	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	15.44	15.32	15.61	16.5
		1	13	15.47	15.44	15.47	16.5
		1	24	15.4	15.48	15.61	16.5
		12	0	15.48	15.44	15.43	16.5
		12	6	15.41	15.54	15.49	16.5
		12	13	15.41	15.51	15.69	16.5
		25	0	15.23	15.43	15.55	16.5
	16QAM	1	0	15.89	15.32	15.65	16.5
		1	13	15.98	15.92	16.11	16.5
		1	24	15.05	15.55	15.76	16.5
		12	0	15.49	15.38	15.56	16.5
		12	6	15.29	15.54	15.49	16.5
		12	13	15.39	15.5	15.72	16.5
		25	0	15.37	15.19	15.55	16.5
	64QAM	1	0	15.32	15.23	15.59	16.5
		1	13	14.85	14.04	15.49	16.5
		1	24	15.69	15.65	15.7	16.5
		12	0	15.61	15.18	15.3	16.5
		12	6	15.13	15.39	14.54	16.5
		12	13	14.98	14.95	15.56	16.5
		25	0	15.44	15.3	14.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	15.4	15.55	15.6	16.5
		1	25	15.15	15.59	15.11	16.5
		1	49	15.22	15.23	15.2	16.5
		25	0	15.38	15.37	15.39	16.5
		25	13	15.38	15.31	15.59	16.5
		25	25	15.44	15.43	15.61	16.5
		50	0	15.32	15.46	15.42	16.5
	16QAM	1	0	15.51	15.62	15.79	16.5
		1	25	15.23	15.04	15.74	16.5
		1	49	15.72	16.06	15.48	16.5
		25	0	15.24	15.35	15.35	16.5
		25	13	15.31	15.21	15.37	16.5
		25	25	15.29	15.52	15.58	16.5
		50	0	15.35	15.38	15.35	16.5
	64QAM	1	0	15.4	15.24	15.74	16.5
		1	25	14.99	13.92	15.59	16.5
		1	49	15.58	15.74	15.7	16.5
		25	0	15.66	15.04	15.36	16.5
		25	13	15.18	15.29	14.64	16.5
		25	25	14.98	15.03	15.46	16.5
		50	0	15.42	15.32	14.97	16.5

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LTE Band 12 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.09	14.99	15.22	16
		1	2	14.64	15	14.64	16
		1	5	15.07	14.88	15.09	16
		3	0	14.83	14.91	15.13	16
		3	2	14.32	14.37	15.17	16
		3	3	14.96	14.87	15.07	16
		6	0	14.97	14.9	14.77	16
	16QAM	1	0	15.49	15.42	15.56	16
		1	2	14.07	15.48	15.64	16
		1	5	15.3	15.53	15.71	16
		3	0	14.88	15.25	15.02	16
		3	2	14.62	14.95	14.48	16
		3	3	14.88	14.92	15.14	16
		6	0	15.14	14.85	14.96	16
	64QAM	1	0	14.87	14.66	15.05	16
		1	2	14.34	13.48	15.09	16
		1	5	15	15.21	15.14	16
		3	0	14.98	14.67	14.93	16
		3	2	14.57	14.84	14.09	16
		3	3	14.48	14.29	15	16
		6	0	14.77	14.58	14.37	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	14.94	14.83	15.08	16
		1	7	14.68	14.24	14.93	16
		1	14	14.91	15.01	15.13	16
		8	0	15.07	14.76	15.22	16
		8	4	15.11	14.98	15.33	16
		8	7	14.98	14.94	15.03	16
		15	0	14.85	14.9	15.1	16
	16QAM	1	0	15.33	15.48	14.94	16
		1	7	13.78	14.97	14.09	16
		1	14	14.68	15.35	15.5	16
		8	0	14.78	14.78	15.18	16
		8	4	14.96	14.45	15.15	16
		8	7	14.76	15.05	14.88	16
		15	0	14.77	15.02	15	16
	64QAM	1	0	14.9	14.66	14.99	16
		1	7	14.38	13.45	15.08	16
		1	14	14.99	15.26	15.17	16
		8	0	15	14.68	14.84	16
		8	4	14.61	14.77	14.11	16
		8	7	14.46	14.34	15	16
		15	0	14.75	14.56	14.43	16

Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	14.99	14.89	14.95	16
		1	13	14.79	14.88	15.06	16
		1	24	14.96	15.05	15.16	16
		12	0	14.9	15.03	15.12	16
		12	6	14.89	14.98	15.08	16
		12	13	14.85	14.99	15.15	16
		25	0	14.9	14.89	14.97	16
	16QAM	1	0	15.55	15.31	15.05	16
		1	13	15.16	15.29	15	16
		1	24	15.43	15.28	15.13	16
		12	0	15.02	14.94	14.98	16
		12	6	14.72	14.8	14.94	16
		12	13	15	14.84	15.28	16
		25	0	14.79	14.83	15.08	16
	64QAM	1	0	14.85	14.69	15.04	16
		1	13	14.31	13.46	15.12	16
		1	24	14.98	15.21	15.18	16
		12	0	14.95	14.67	14.85	16
		12	6	14.56	14.86	14.12	16
		12	13	14.44	14.34	14.96	16
		25	0	14.75	14.57	14.38	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	14.91	14.81	14.75	16
		1	25	14.48	14.59	14.89	16
		1	49	14.97	14.98	15.05	16
		25	0	14.8	14.87	14.93	16
		25	13	14.97	14.96	14.95	16
		25	25	14.92	15.06	15.1	16
		50	0	14.97	14.91	14.99	16
	16QAM	1	0	15.23	15.15	15.33	16
		1	25	15.41	14.25	15.27	16
		1	49	15.54	15.46	14.76	16
		25	0	14.9	14.76	14.84	16
		25	13	14.83	14.8	14.77	16
		25	25	14.87	15	14.99	16
		50	0	14.81	14.83	14.91	16
	64QAM	1	0	14.87	14.73	14.99	16
		1	25	14.32	13.55	15.08	16
		1	49	15.03	15.22	15.14	16
		25	0	15.04	14.67	14.86	16
		25	13	14.57	14.79	14.05	16
		25	25	14.5	14.32	14.99	16
		50	0	14.75	14.62	14.38	16

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LTE Band 12 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.03	17.87	18.06	19
		1	2	16.64	16.93	17.32	19
		1	5	17.95	18.08	18.11	19
		3	0	18.03	17.7	17.8	19
		3	2	17.85	17.85	18.31	19
		3	3	17.77	17.96	17.94	19
		6	0	17.87	17.94	17.96	19
	16QAM	1	0	18.41	18.29	18.36	19
		1	2	17.76	17.5	17.58	19
		1	5	17.72	17.83	18.28	19
		3	0	18.08	18.08	18.04	19
		3	2	18.08	18.15	17.68	19
		3	3	17.5	17.81	17.6	19
		6	0	18.06	17.6	17.74	19
	64QAM	1	0	17.78	17.72	17.96	19
		1	2	17.3	16.46	18.03	19
		1	5	17.94	18.2	18.12	19
		3	0	18.02	17.65	17.77	19
		3	2	17.51	17.75	17.03	19
		3	3	17.43	17.24	17.95	19
		6	0	17.68	17.61	17.32	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.87	17.85	17.96	19
		1	7	17.91	16.54	18.18	19
		1	14	17.93	17.94	18.09	19
		8	0	18.08	17.73	17.98	19
		8	4	18.2	18.08	18.22	19
		8	7	17.77	18.09	17.72	19
		15	0	17.84	17.91	17.99	19
	16QAM	1	0	18.15	18.39	18.33	19
		1	7	18.08	18.04	17.34	19
		1	14	18.37	18.32	18.41	19
		8	0	17.92	17.6	17.61	19
		8	4	18.01	17.79	18	19
		8	7	17.88	17.93	17.51	19
		15	0	17.81	17.85	18	19
	64QAM	1	0	17.8	17.7	17.93	19
		1	7	17.24	16.49	18.01	19
		1	14	18.02	18.18	18.07	19
		8	0	17.99	17.59	17.85	19
		8	4	17.57	17.75	16.97	19
		8	7	17.41	17.31	17.98	19
		15	0	17.66	17.53	17.31	19
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	18.06	17.89	17.98	19
		1	13	17.89	17.87	18.15	19
		1	24	18.03	17.88	17.98	19
		12	0	17.91	17.95	18.02	19
		12	6	17.99	17.98	17.98	19
		12	13	17.98	18.05	18.15	19
		25	0	17.94	17.92	18.09	19
	16QAM	1	0	18.04	18.25	17.84	19
		1	13	18.44	18.44	18.49	19
		1	24	18.44	18.53	18.31	19
		12	0	17.85	17.84	18.03	19
		12	6	17.75	17.62	17.94	19
		12	13	17.83	17.93	18.08	19
		25	0	17.8	17.83	18.1	19
	64QAM	1	0	17.78	17.68	17.99	19
		1	13	17.25	16.46	18.01	19
		1	24	17.97	18.18	18.04	19
		12	0	18.03	17.65	17.79	19
		12	6	17.48	17.76	16.99	19
		12	13	17.44	17.31	17.95	19
		25	0	17.66	17.58	17.33	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.96	17.84	17.88	19
		1	25	17.61	17.4	18.1	19
		1	49	17.88	17.92	18.04	19
		25	0	17.88	17.91	18.04	19
		25	13	17.9	17.94	18.04	19
		25	25	17.95	18.05	18.11	19
		50	0	17.88	18.02	17.91	19
	16QAM	1	0	17.81	18.3	18.26	19
		1	25	18.11	18.52	17.96	19
		1	49	18.36	18.2	18.16	19
		25	0	18	17.86	17.97	19
		25	13	17.9	17.89	17.99	19
		25	25	17.94	18.03	18.06	19
		50	0	17.82	17.81	17.83	19
	64QAM	1	0	17.83	17.64	17.97	19
		1	25	17.31	16.49	18.05	19
		1	49	17.96	18.16	18.06	19
		25	0	18.01	17.62	17.82	19
		25	13	17.49	17.73	16.98	19
		25	25	17.47	17.3	17.97	19
		50	0	17.7	17.6	17.38	19

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LTE Band 12 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.56	15.41	15.69	16.5
		1	2	14.38	14.96	15.34	16.5
		1	5	15.52	15.45	15.59	16.5
		3	0	15.4	15.22	15.61	16.5
		3	2	15.48	14.95	15.57	16.5
		3	3	15.3	15.1	15.5	16.5
		6	0	15.41	15.1	15.37	16.5
	16QAM	1	0	15.93	15.84	15.83	16.5
		1	2	15.15	15.67	15.49	16.5
		1	5	15.59	15.59	16.05	16.5
		3	0	15.63	15.37	15.63	16.5
		3	2	15.61	15.3	15.3	16.5
		3	3	15.41	15.13	15.69	16.5
		6	0	15.54	15.48	15.33	16.5
	64QAM	1	0	15.41	15.24	15.57	16.5
		1	2	14.9	14.05	15.62	16.5
		1	5	15.54	15.78	15.73	16.5
		3	0	15.54	15.2	15.43	16.5
		3	2	15.12	15.37	14.62	16.5
		3	3	15	14.88	15.53	16.5
		6	0	15.32	15.16	14.94	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	15.44	15.51	15.53	16.5
		1	7	14.93	15.37	15.06	16.5
		1	14	15.36	15.49	15.48	16.5
		8	0	15.45	15.47	15.63	16.5
		8	4	15.63	15.26	15.64	16.5
		8	7	15.35	15.54	15.56	16.5
		15	0	15.27	15.46	15.67	16.5
	16QAM	1	0	15.87	15.46	15.74	16.5
		1	7	15.24	16.06	15.89	16.5
		1	14	15.85	15.94	16.2	16.5
		8	0	15.34	15.28	15.4	16.5
		8	4	15.2	15.55	15.68	16.5
		8	7	15.49	15.56	15.4	16.5
		15	0	15.37	15.3	15.54	16.5
	64QAM	1	0	15.34	15.31	15.61	16.5
		1	7	15.02	13.95	15.51	16.5
		1	14	15.55	15.71	15.71	16.5
		8	0	15.48	15	15.27	16.5
		8	4	15.08	15.35	14.65	16.5
		8	7	14.93	14.96	15.48	16.5
		15	0	15.33	15.28	14.98	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	15.44	15.32	15.61	16.5
		1	13	15.47	15.44	15.47	16.5
		1	24	15.4	15.48	15.61	16.5
		12	0	15.48	15.44	15.43	16.5
		12	6	15.41	15.54	15.49	16.5
		12	13	15.41	15.51	15.69	16.5
		25	0	15.23	15.43	15.55	16.5
	16QAM	1	0	15.89	15.32	15.65	16.5
		1	13	15.98	15.92	16.11	16.5
		1	24	15.05	15.55	15.76	16.5
		12	0	15.49	15.38	15.56	16.5
		12	6	15.29	15.54	15.49	16.5
		12	13	15.39	15.5	15.72	16.5
		25	0	15.37	15.19	15.55	16.5
	64QAM	1	0	15.32	15.23	15.59	16.5
		1	13	14.85	14.04	15.49	16.5
		1	24	15.69	15.65	15.7	16.5
		12	0	15.61	15.18	15.3	16.5
		12	6	15.13	15.39	14.54	16.5
		12	13	14.98	14.95	15.56	16.5
		25	0	15.44	15.3	14.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	15.4	15.55	15.6	16.5
		1	25	15.15	15.59	15.11	16.5
		1	49	15.22	15.23	15.2	16.5
		25	0	15.38	15.37	15.39	16.5
		25	13	15.38	15.31	15.59	16.5
		25	25	15.44	15.43	15.61	16.5
		50	0	15.32	15.46	15.42	16.5
	16QAM	1	0	15.51	15.62	15.79	16.5
		1	25	15.23	15.04	15.74	16.5
		1	49	15.72	16.06	15.48	16.5
		25	0	15.24	15.35	15.35	16.5
		25	13	15.31	15.21	15.37	16.5
		25	25	15.29	15.52	15.58	16.5
		50	0	15.35	15.38	15.35	16.5
	64QAM	1	0	15.4	15.24	15.74	16.5
		1	25	14.99	13.92	15.59	16.5
		1	49	15.58	15.74	15.7	16.5
		25	0	15.66	15.04	15.36	16.5
		25	13	15.18	15.29	14.64	16.5
		25	25	14.98	15.03	15.46	16.5
		50	0	15.42	15.32	14.97	16.5

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LTE Band 12 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	15.09	14.99	15.22	16
		1	2	14.64	15	14.64	16
		1	5	15.07	14.88	15.09	16
		3	0	14.83	14.91	15.13	16
		3	2	14.32	14.37	15.17	16
		3	3	14.96	14.87	15.07	16
		6	0	14.97	14.9	14.77	16
	16QAM	1	0	15.49	15.42	15.56	16
		1	2	14.07	15.48	15.64	16
		1	5	15.3	15.53	15.71	16
		3	0	14.88	15.25	15.02	16
		3	2	14.62	14.95	14.48	16
		3	3	14.88	14.92	15.14	16
		6	0	15.14	14.85	14.96	16
	64QAM	1	0	14.87	14.66	15.05	16
		1	2	14.34	13.48	15.09	16
		1	5	15	15.21	15.14	16
		3	0	14.98	14.67	14.93	16
		3	2	14.57	14.84	14.09	16
		3	3	14.48	14.29	15	16
		6	0	14.77	14.58	14.37	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	14.94	14.83	15.08	16
		1	7	14.68	14.24	14.93	16
		1	14	14.91	15.01	15.13	16
		8	0	15.07	14.76	15.22	16
		8	4	15.11	14.98	15.33	16
		8	7	14.98	14.94	15.03	16
		15	0	14.85	14.9	15.1	16
	16QAM	1	0	15.33	15.48	14.94	16
		1	7	13.78	14.97	14.09	16
		1	14	14.68	15.35	15.5	16
		8	0	14.78	14.78	15.18	16
		8	4	14.96	14.45	15.15	16
		8	7	14.76	15.05	14.88	16
		15	0	14.77	15.02	15	16
	64QAM	1	0	14.9	14.66	14.99	16
		1	7	14.38	13.45	15.08	16
		1	14	14.99	15.26	15.17	16
		8	0	15	14.68	14.84	16
		8	4	14.61	14.77	14.11	16
		8	7	14.46	14.34	15	16
		15	0	14.75	14.56	14.43	16
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	14.99	14.89	14.95	16
		1	13	14.79	14.88	15.06	16
		1	24	14.96	15.05	15.16	16
		12	0	14.9	15.03	15.12	16
		12	6	14.89	14.98	15.08	16
		12	13	14.85	14.99	15.15	16
		25	0	14.9	14.89	14.97	16
	16QAM	1	0	15.55	15.31	15.05	16
		1	13	15.16	15.29	15	16
		1	24	15.43	15.28	15.13	16
		12	0	15.02	14.94	14.98	16
		12	6	14.72	14.8	14.94	16
		12	13	15	14.84	15.28	16
		25	0	14.79	14.83	15.08	16
	64QAM	1	0	14.85	14.69	15.04	16
		1	13	14.31	13.46	15.12	16
		1	24	14.98	15.21	15.18	16
		12	0	14.95	14.67	14.85	16
		12	6	14.56	14.86	14.12	16
		12	13	14.44	14.34	14.96	16
		25	0	14.75	14.57	14.38	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	14.91	14.81	14.75	16
		1	25	14.48	14.59	14.89	16
		1	49	14.97	14.98	15.05	16
		25	0	14.8	14.87	14.93	16
		25	13	14.97	14.96	14.95	16
		25	25	14.92	15.06	15.1	16
		50	0	14.97	14.91	14.99	16
	16QAM	1	0	15.23	15.15	15.33	16
		1	25	15.41	14.25	15.27	16
		1	49	15.54	15.46	14.76	16
		25	0	14.9	14.76	14.84	16
		25	13	14.83	14.8	14.77	16
		25	25	14.87	15	14.99	16
		50	0	14.81	14.83	14.91	16
	64QAM	1	0	14.87	14.73	14.99	16
		1	25	14.32	13.55	15.08	16
		1	49	15.03	15.22	15.14	16
		25	0	15.04	14.67	14.86	16
		25	13	14.57	14.79	14.05	16
		25	25	14.5	14.32	14.99	16
		50	0	14.75	14.62	14.38	16

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LTE Band 12 Receiver off（body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	18.03	17.87	18.06	19
		1	2	16.64	16.93	17.32	19
		1	5	17.95	18.08	18.11	19
		3	0	18.03	17.7	17.8	19
		3	2	17.85	17.85	18.31	19
		3	3	17.77	17.96	17.94	19
		6	0	17.87	17.94	17.96	19
	16QAM	1	0	18.41	18.29	18.36	19
		1	2	17.76	17.5	17.58	19
		1	5	17.72	17.83	18.28	19
		3	0	18.08	18.08	18.04	19
		3	2	18.08	18.15	17.68	19
		3	3	17.5	17.81	17.6	19
		6	0	18.06	17.6	17.74	19
	64QAM	1	0	17.78	17.72	17.96	19
		1	2	17.3	16.46	18.03	19
		1	5	17.94	18.2	18.12	19
		3	0	18.02	17.65	17.77	19
		3	2	17.51	17.75	17.03	19
		3	3	17.43	17.24	17.95	19
		6	0	17.68	17.61	17.32	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.87	17.85	17.96	19
		1	7	17.91	16.54	18.18	19
		1	14	17.93	17.94	18.09	19
		8	0	18.08	17.73	17.98	19
		8	4	18.2	18.08	18.22	19
		8	7	17.77	18.09	17.72	19
		15	0	17.84	17.91	17.99	19
	16QAM	1	0	18.15	18.39	18.33	19
		1	7	18.08	18.04	17.34	19
		1	14	18.37	18.32	18.41	19
		8	0	17.92	17.6	17.61	19
		8	4	18.01	17.79	18	19
		8	7	17.88	17.93	17.51	19
		15	0	17.81	17.85	18	19
	64QAM	1	0	17.8	17.7	17.93	19
		1	7	17.24	16.49	18.01	19
		1	14	18.02	18.18	18.07	19
		8	0	17.99	17.59	17.85	19
		8	4	17.57	17.75	16.97	19
		8	7	17.41	17.31	17.98	19
		15	0	17.66	17.53	17.31	19
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	18.06	17.89	17.98	19
		1	13	17.89	17.87	18.15	19
		1	24	18.03	17.88	17.98	19
		12	0	17.91	17.95	18.02	19
		12	6	17.99	17.98	17.98	19
		12	13	17.98	18.05	18.15	19
		25	0	17.94	17.92	18.09	19
	16QAM	1	0	18.04	18.25	17.84	19
		1	13	18.44	18.44	18.49	19
		1	24	18.44	18.53	18.31	19
		12	0	17.85	17.84	18.03	19
		12	6	17.75	17.62	17.94	19
		12	13	17.83	17.93	18.08	19
		25	0	17.8	17.83	18.1	19
	64QAM	1	0	17.78	17.68	17.99	19
		1	13	17.25	16.46	18.01	19
		1	24	17.97	18.18	18.04	19
		12	0	18.03	17.65	17.79	19
		12	6	17.48	17.76	16.99	19
		12	13	17.44	17.31	17.95	19
		25	0	17.66	17.58	17.33	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.96	17.84	17.88	19
		1	25	17.61	17.4	18.1	19
		1	49	17.88	17.92	18.04	19
		25	0	17.88	17.91	18.04	19
		25	13	17.9	17.94	18.04	19
		25	25	17.95	18.05	18.11	19
		50	0	17.88	18.02	17.91	19
	16QAM	1	0	17.81	18.3	18.26	19
		1	25	18.11	18.52	17.96	19
		1	49	18.36	18.2	18.16	19
		25	0	18	17.86	17.97	19
		25	13	17.9	17.89	17.99	19
		25	25	17.94	18.03	18.06	19
		50	0	17.82	17.81	17.83	19
	64QAM	1	0	17.83	17.64	17.97	19
		1	25	17.31	16.49	18.05	19
		1	49	17.96	18.16	18.06	19
		25	0	18.01	17.62	17.82	19
		25	13	17.49	17.73	16.98	19
		25	25	17.47	17.3	17.97	19
		50	0	17.7	17.6	17.38	19

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LTE Band 12 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.42	17.46	17.59	18.5
		1	2	17.26	17.66	17.03	18.5
		1	5	17.55	17.55	17.53	18.5
		3	0	17.4	17.52	17.2	18.5
		3	2	17.28	17.1	16.97	18.5
		3	3	17.46	17.46	17.52	18.5
		6	0	17.74	17.34	17.29	18.5
	16QAM	1	0	17.88	17.99	18.11	18.5
		1	2	17.7	17.05	17.77	18.5
		1	5	17.74	17.95	17.54	18.5
		3	0	17.42	16.92	17.54	18.5
		3	2	17.57	16.81	17.89	18.5
		3	3	17.33	17.43	17.18	18.5
		6	0	17.65	17.33	17.31	18.5
	64QAM	1	0	17.37	16.91	17.07	18.5
		1	2	17.07	16.88	16.81	18.5
		1	5	17.15	17.3	17.33	18.5
		3	0	17.04	17.09	17.43	18.5
		3	2	17.04	17.13	17.05	18.5
		3	3	16.9	16.93	17.18	18.5
		6	0	17.23	16.97	17.12	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.55	17.45	17.62	18.5
		1	7	16.03	17.15	17.83	18.5
		1	14	17.45	17.59	17.55	18.5
		8	0	17.46	17.41	17.55	18.5
		8	4	17.43	17.23	17.74	18.5
		8	7	17.23	17.43	17.51	18.5
		15	0	17.45	17.4	17.45	18.5
	16QAM	1	0	17.67	17.81	18.09	18.5
		1	7	17.46	16.38	17.3	18.5
		1	14	17.64	17.5	17.41	18.5
		8	0	17.33	17.67	17.42	18.5
		8	4	17.15	17.39	17.46	18.5
		8	7	17.32	17.31	17.57	18.5
		15	0	17.19	17.29	17.56	18.5
	64QAM	1	0	17.43	16.91	17.13	18.5
		1	7	17.11	16.84	16.84	18.5
		1	14	17.16	17.33	17.33	18.5
		8	0	16.99	17.13	17.36	18.5
		8	4	17.04	17.13	17	18.5
		8	7	16.89	16.92	17.16	18.5
		15	0	17.23	17	17.14	18.5
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.45	17.28	17.4	18.5
		1	13	17.56	17.45	17.55	18.5
		1	24	17.45	17.48	17.46	18.5
		12	0	17.4	17.39	17.52	18.5
		12	6	17.49	17.46	17.4	18.5
		12	13	17.47	17.52	17.68	18.5
		25	0	17.42	17.4	17.51	18.5
	16QAM	1	0	17.78	17.26	17.73	18.5
		1	13	17.3	17.44	17.4	18.5
		1	24	18.11	17.78	18.13	18.5
		12	0	17.49	17.46	17.51	18.5
		12	6	17.43	17.44	17.43	18.5
		12	13	17.36	17.43	17.72	18.5
		25	0	17.35	17.32	17.44	18.5
	64QAM	1	0	17.36	16.92	17.1	18.5
		1	13	17.16	16.86	16.81	18.5
		1	24	17.08	17.38	17.34	18.5
		12	0	17.02	17.09	17.39	18.5
		12	6	16.99	17.13	17.04	18.5
		12	13	16.84	17	17.19	18.5
		25	0	17.3	16.95	17.2	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	17.45	17.38	17.33	18.5
		1	25	17.02	16.82	17.62	18.5
		1	49	17.54	17.69	17.65	18.5
		25	0	17.46	17.45	17.51	18.5
		25	13	17.44	17.39	17.35	18.5
		25	25	17.34	17.56	17.48	18.5
		50	0	17.4	17.37	17.61	18.5
	16QAM	1	0	17.93	17.61	17.55	18.5
		1	25	17.73	17.71	17.74	18.5
		1	49	17.82	17.89	18.14	18.5
		25	0	17.43	17.27	17.36	18.5
		25	13	17.37	17.31	17.45	18.5
		25	25	17.24	17.38	17.46	18.5
		50	0	17.28	17.3	17.43	18.5
	64QAM	1	0	17.44	16.92	17.1	18.5
		1	25	17.09	16.84	16.84	18.5
		1	49	17.1	17.39	17.31	18.5
		25	0	17.01	17.06	17.41	18.5
		25	13	17.03	17.14	17.09	18.5
		25	25	16.86	16.94	17.14	18.5
		50	0	17.23	16.99	17.12	18.5

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LTE Band 12 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	17.13	16.92	17.07	18
		1	2	16.52	17.36	16.6	18
		1	5	16.97	17.03	17.09	18
		3	0	16.93	16.84	17.07	18
		3	2	16.85	17.05	16.93	18
		3	3	16.74	16.85	16.79	18
		6	0	16.61	16.94	17.11	18
	16QAM	1	0	17.32	17.15	17.46	18
		1	2	16.52	17.2	17.29	18
		1	5	17.34	17.41	17.63	18
		3	0	16.9	16.81	17.16	18
		3	2	16.8	16.51	17.11	18
		3	3	17.08	17.04	17.14	18
		6	0	17.18	16.74	16.24	18
	64QAM	1	0	16.79	16.39	16.49	18
		1	2	16.5	16.38	16.24	18
		1	5	16.6	16.79	16.77	18
		3	0	16.51	16.53	16.85	18
		3	2	16.5	16.6	16.45	18
		3	3	16.31	16.4	16.59	18
		6	0	16.66	16.45	16.52	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	17.08	16.94	17.09	18
		1	7	15.76	17.96	16.75	18
		1	14	16.95	16.95	17.09	18
		8	0	16.75	16.89	17.06	18
		8	4	17.16	16.97	17.13	18
		8	7	16.79	16.72	17.01	18
		15	0	16.84	16.9	16.96	18
	16QAM	1	0	17.45	17.25	16.96	18
		1	7	17.35	17.32	17.01	18
		1	14	16.92	17.52	17.51	18
		8	0	16.9	16.88	17.2	18
		8	4	16.89	17.04	17.05	18
		8	7	16.83	16.84	16.96	18
		15	0	16.93	16.84	17.16	18
	64QAM	1	0	16.78	16.37	16.56	18
		1	7	16.47	16.35	16.24	18
		1	14	16.6	16.78	16.75	18
		8	0	16.53	16.49	16.9	18
		8	4	16.49	16.63	16.5	18
		8	7	16.34	16.38	16.65	18
		15	0	16.65	16.44	16.56	18
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	17.02	16.88	17.09	18
		1	13	16.89	16.92	17.13	18
		1	24	17.03	17.01	16.96	18
		12	0	17.04	16.94	17.04	18
		12	6	16.65	16.78	17.05	18
		12	13	16.99	16.95	17.22	18
		25	0	16.99	16.96	17.12	18
	16QAM	1	0	17.23	16.77	17.28	18
		1	13	17.01	17.37	17.5	18
		1	24	17.36	17.4	17.22	18
		12	0	16.94	17.09	16.92	18
		12	6	16.91	17	16.99	18
		12	13	16.92	16.92	17.04	18
		25	0	16.89	16.83	16.97	18
	64QAM	1	0	16.78	16.4	16.48	18
		1	13	16.54	16.35	16.22	18
		1	24	16.57	16.73	16.81	18
		12	0	16.49	16.52	16.89	18
		12	6	16.47	16.59	16.49	18
		12	13	16.38	16.38	16.58	18
		25	0	16.71	16.39	16.57	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	16.93	16.91	16.82	18
		1	25	17.1	17.11	17.04	18
		1	49	17.09	16.95	16.99	18
		25	0	16.93	16.86	16.91	18
		25	13	16.96	17.02	16.95	18
		25	25	16.96	17	17.05	18
		50	0	16.99	16.98	17.03	18
	16QAM	1	0	17.13	16.91	17	18
		1	25	16.88	16.94	16.98	18
		1	49	17.48	17.5	17.39	18
		25	0	16.87	16.82	16.8	18
		25	13	16.98	16.86	16.74	18
		25	25	16.88	16.98	16.95	18
		50	0	16.9	16.88	16.9	18
	64QAM	1	0	16.86	16.39	16.5	18
		1	25	16.51	16.3	16.3	18
		1	49	16.56	16.72	16.82	18
		25	0	16.45	16.56	16.86	18
		25	13	16.48	16.6	16.49	18
		25	25	16.36	16.37	16.58	18
		50	0	16.64	16.68	16.53	18

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LTE Band 12 Receiver off （body or limbs）+ WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	19.98	19.98	20.12	21
		1	2	19.26	19.03	18.94	21
		1	5	19.91	19.99	20.03	21
		3	0	19.88	19.89	20.08	21
		3	2	20.13	20.17	19.25	21
		3	3	20.14	20	19.81	21
		6	0	20.11	19.94	20.03	21
	16QAM	1	0	20.2	20.02	20.51	21
		1	2	19.72	18.68	20.29	21
		1	5	20.39	20.43	20.49	21
		3	0	20.32	19.96	20.11	21
		3	2	19.87	20.06	19.38	21
		3	3	19.67	19.6	20.14	21
		6	0	20.04	19.83	19.69	21
	64QAM	1	0	19.92	19.79	20.19	21
		1	2	19.54	18.44	20.26	21
		1	5	20.24	20.19	20.39	21
		3	0	20.1	19.86	20.1	21
		3	2	19.68	20	19.16	21
		3	3	19.46	19.46	20.07	21
		6	0	19.87	19.64	19.44	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	20.01	19.88	19.99	21
		1	7	19.02	20.04	20.31	21
		1	14	20	20.03	20.11	21
		8	0	19.38	19.9	20.05	21
		8	4	20.14	20.12	20.19	21
		8	7	19.62	19.91	19.83	21
		15	0	19.9	19.85	20.11	21
	16QAM	1	0	20.42	20.29	20.1	21
		1	7	19.63	20.77	20.06	21
		1	14	20.35	20.33	20.23	21
		8	0	19.89	19.99	19.85	21
		8	4	19.94	19.89	20.24	21
		8	7	19.71	20	19.97	21
		15	0	19.95	19.94	19.91	21
	64QAM	1	0	20.3	20.24	19.94	21
		1	7	19.54	20.62	19.99	21
		1	14	20.13	20.05	20.05	21
		8	0	19.67	19.81	19.61	21
		8	4	19.92	19.68	20.09	21
		8	7	19.51	19.77	19.85	21
		15	0	19.94	19.81	19.74	21
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	19.94	19.84	19.97	21
		1	13	19.93	20.07	20.05	21
		1	24	19.99	19.92	20.04	21
		12	0	19.98	19.94	20.04	21
		12	6	19.94	19.91	19.86	21
		12	13	19.97	20	20.09	21
		25	0	19.81	19.97	20.03	21
	16QAM	1	0	20.39	20.37	20.34	21
		1	13	20.21	20.43	20.32	21
		1	24	20.33	20.28	20.3	21
		12	0	19.99	20.01	19.96	21
		12	6	19.8	19.86	19.84	21
		12	13	20	19.93	20.24	21
		25	0	19.86	19.76	20.01	21
	64QAM	1	0	20.14	19.94	20.18	21
		1	13	19.51	18.58	20.15	21
		1	24	20.12	20.31	20.37	21
		12	0	20.27	19.79	20.03	21
		12	6	19.78	19.91	19.15	21
		12	13	19.48	19.44	19.93	21
		25	0	19.88	19.77	19.67	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	20.17	19.88	19.89	21
		1	25	20.01	19.53	19.75	21
		1	49	19.91	19.89	19.95	21
		25	0	19.9	19.94	19.93	21
		25	13	19.97	19.97	19.99	21
		25	25	19.89	20.01	20.02	21
		50	0	19.94	20.06	20.01	21
	16QAM	1	0	20.34	20.75	20.18	21
		1	25	19.51	20.09	20.14	21
		1	49	20.34	20.36	20.72	21
		25	0	19.92	19.88	19.92	21
		25	13	19.94	19.81	19.85	21
		25	25	19.76	19.99	20.12	21
		50	0	19.93	19.82	20.06	21
	64QAM	1	0	19.93	19.82	20.26	21
		1	25	19.54	18.61	20.17	21
		1	49	20.21	20.31	20.25	21
		25	0	20.18	19.7	19.96	21
		25	13	19.73	19.9	19.19	21
		25	25	19.6	19.56	20.08	21
		50	0	19.95	19.82	19.52	21

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LTE Band 17 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	19.61	19.6	19.61	20.5
		1	13	19.65	19.64	19.66	20.5
		1	24	19.63	19.64	19.73	20.5
		12	0	19.62	19.62	19.68	20.5
		12	6	19.63	19.62	19.57	20.5
		12	13	19.68	19.71	19.72	20.5
		25	0	19.62	19.62	19.71	20.5
	16QAM	1	0	19.87	19.82	19.88	20.5
		1	13	19.93	19.9	20	20.5
		1	24	19.86	19.9	20.08	20.5
		12	0	19.53	19.6	19.63	20.5
		12	6	19.62	19.68	19.6	20.5
		12	13	19.66	19.68	19.61	20.5
		25	0	19.57	19.58	19.63	20.5
	64QAM	1	0	19.74	19.75	19.74	20.5
		1	13	19.35	19.45	19.36	20.5
		1	24	19.69	19.72	19.96	20.5
		12	0	19.56	19.55	19.62	20.5
		12	6	19.51	19.6	19.52	20.5
		12	13	19.57	19.57	19.54	20.5
		25	0	19.6	19.55	19.53	20.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	19.54	19.61	19.56	20.5
		1	25	19.44	19.39	19.58	20.5
		1	49	19.67	19.68	19.72	20.5
		25	0	19.61	19.61	19.63	20.5
		25	13	19.61	19.58	19.64	20.5
		25	25	19.7	19.66	19.74	20.5
		50	0	19.69	19.71	19.68	20.5
	16QAM	1	0	19.88	19.83	19.83	20.5
		1	25	19.53	19.52	19.61	20.5
		1	49	19.84	19.92	20.07	20.5
		25	0	19.6	19.55	19.61	20.5
		25	13	19.6	19.62	19.65	20.5
		25	25	19.69	19.68	19.69	20.5
		50	0	19.61	19.65	19.63	20.5
	64QAM	1	0	19.77	19.78	19.77	20.5
		1	25	19.45	19.49	19.38	20.5
		1	49	19.73	19.81	19.96	20.5
		25	0	19.59	19.61	19.62	20.5
		25	13	19.6	19.61	19.56	20.5
		25	25	19.62	19.63	19.6	20.5
		50	0	19.6	19.59	19.61	20.5

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LTE Band 17 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	20.08	20.03	20.1	21
		1	13	20.08	20.1	20.13	21
		1	24	20.11	20.13	20.2	21
		12	0	20.07	20.11	20.2	21
		12	6	20.12	20.05	20.07	21
		12	13	20.16	20.21	20.18	21
		25	0	20.09	20.1	20.14	21
	16QAM	1	0	20.35	20.46	20.52	21
		1	13	20.49	20.46	20.52	21
		1	24	20.47	20.52	20.54	21
		12	0	20.12	20.14	20.17	21
		12	6	20.1	20.05	20.09	21
		12	13	20.14	20.16	20.15	21
		25	0	20.01	20.1	20.06	21
	64QAM	1	0	20.2	20.21	20.32	21
		1	13	19.84	19.86	19.83	21
		1	24	20.33	20.32	20.24	21
		12	0	20.04	20.11	20.02	21
		12	6	19.98	20.06	20.06	21
		12	13	20.04	20.08	20	21
		25	0	20.05	20.05	20.06	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	20.04	20.04	20.03	21
		1	25	20.02	19.93	19.91	21
		1	49	20.16	20.18	20.25	21
		25	0	20.09	20.14	20.09	21
		25	13	20.12	20.12	20.14	21
		25	25	20.2	20.2	20.2	21
		50	0	20.16	20.2	20.15	21
	16QAM	1	0	20.32	20.35	20.35	21
		1	25	20.36	20.39	20.32	21
		1	49	20.51	20.55	20.47	21
		25	0	20	20.03	20.02	21
		25	13	20.09	20.06	20.02	21
		25	25	20.13	20.09	20.1	21
		50	0	20.08	20.1	20.05	21
	64QAM	1	0	20.2	20.32	20.35	21
		1	25	19.88	19.95	19.91	21
		1	49	20.37	20.34	20.33	21
		25	0	20.08	20.12	20.11	21
		25	13	20.08	20.1	20.12	21
		25	25	20.11	20.16	20.08	21
		50	0	20.1	20.15	20.07	21

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LTE Band 17 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	22.99	23.07	23.12	24
		1	13	23.19	23.02	23.16	24
		1	24	23.04	23.16	23.11	24
		12	0	22.08	22.1	22.09	23
		12	6	22.01	22.02	21.99	23
		12	13	22.06	22.11	22.07	23
		25	0	22.02	22.07	22.05	23
	16QAM	1	0	22.28	22.29	22.31	23
		1	13	22.33	22.37	22.38	23
		1	24	22.32	22.28	22.48	23
		12	0	21.03	21.07	21.08	22
		12	6	21.13	21.04	21.07	22
		12	13	21.09	21.17	21.06	22
		25	0	20.98	21.01	21.02	22
	64QAM	1	0	21.21	21.24	21.25	22
		1	13	21.11	20.99	20.89	22
		1	24	21.26	21.15	21.29	22
		12	0	20.03	20.05	20.04	21
		12	6	20.04	20.02	20.09	21
		12	13	20.11	20.05	20.09	21
		25	0	20.00	20.11	20.01	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	23.02	23.1	23.04	24
		1	25	22.89	22.98	22.94	24
		1	49	**23.11**	23.08	23.06	24
		25	0	22.01	22.07	22.02	23
		25	13	22.03	22.03	22.05	23
		25	25	**22.13**	22.12	22.09	23
		50	0	22.06	**22.11**	22.09	23
	16QAM	1	0	22.29	22.23	22.33	23
		1	25	22.25	22.26	22.06	23
		1	49	22.36	22.29	22.45	23
		25	0	20.99	20.98	20.98	22
		25	13	21.03	20.96	21.04	22
		25	25	21.04	21.04	21.06	22
		50	0	20.99	21.02	20.95	22
	64QAM	1	0	21.24	21.3	21.26	22
		1	25	21.12	21.06	20.93	22
		1	49	21.29	21.23	21.33	22
		25	0	20.09	20.1	20.12	21
		25	13	20.1	20.09	20.1	21
		25	25	20.13	20.12	20.12	21
		50	0	20.07	20.13	20.09	21

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LTE Band 17 Receiver off （body or limbs）+ hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	19.98	19.93	19.91	21
		1	13	20.03	20.02	20.03	21
		1	24	20	20.02	20.04	21
		12	0	19.99	20.01	19.99	21
		12	6	19.93	19.91	19.95	21
		12	13	20.06	20.02	20.03	21
		25	0	19.97	19.96	20.01	21
	16QAM	1	0	20.26	20.31	20.35	21
		1	13	20.26	20.29	20.35	21
		1	24	20.3	20.35	20.41	21
		12	0	19.91	19.98	19.98	21
		12	6	20.01	19.88	19.89	21
		12	13	20	20.03	19.97	21
		25	0	19.93	19.93	19.95	21
	64QAM	1	0	20.19	20.31	20.32	21
		1	13	19.87	19.93	19.9	21
		1	24	20.36	20.31	20.31	21
		12	0	20.04	20.08	20.06	21
		12	6	20.07	20.09	20.11	21
		12	13	20.11	20.14	20.04	21
		25	0	20.06	20.13	20.05	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	19.91	19.9	19.86	21
		1	25	19.76	19.84	19.65	21
		1	49	19.99	20.03	**20.05**	21
		25	0	19.97	19.98	19.96	21
		25	13	19.98	19.99	19.98	21
		25	25	20.02	19.98	**20.05**	21
		50	0	20.01	**20.04**	19.98	21
	16QAM	1	0	20.17	20.26	20.31	21
		1	25	19.89	20.12	19.93	21
		1	49	20.33	20.2	20.2	21
		25	0	19.92	19.88	19.91	21
		25	13	19.96	19.92	19.92	21
		25	25	19.95	19.98	19.97	21
		50	0	19.94	19.97	19.91	21
	64QAM	1	0	20.18	20.27	20.32	21
		1	25	19.84	19.92	19.87	21
		1	49	20.36	20.32	20.29	21
		25	0	20.04	20.11	20.1	21
		25	13	20.04	20.09	20.08	21
		25	25	20.09	20.12	20.06	21
		50	0	20.07	20.14	20.03	21

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LTE Band 17 Receiver off （body or limbs）+ hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	17.96	17.94	17.97	19
		1	13	18.01	18	18.02	19
		1	24	18.01	18.03	18.11	19
		12	0	18.02	17.99	18.02	19
		12	6	17.96	17.92	17.99	19
		12	13	18.03	18.1	18.08	19
		25	0	17.99	18	17.99	19
	16QAM	1	0	18.26	18.26	18.23	19
		1	13	18.34	18.24	18.32	19
		1	24	18.3	18.36	18.37	19
		12	0	17.96	17.97	18.02	19
		12	6	17.99	18	17.98	19
		12	13	17.95	18.05	18.02	19
		25	0	17.93	17.93	17.94	19
	64QAM	1	0	18.17	18.26	18.28	19
		1	13	17.77	17.88	17.84	19
		1	24	18.27	18.29	18.26	19
		12	0	18.01	18.04	18.03	19
		12	6	18.01	18.06	18.05	19
		12	13	18.02	18.05	18.02	19
		25	0	18.07	18.09	18.01	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.92	17.91	17.9	19
		1	25	17.64	17.75	17.7	19
		1	49	18.07	18.05	**18.08**	19
		25	0	17.97	17.95	17.93	19
		25	13	17.99	17.98	17.97	19
		25	25	18.06	18.06	**18.07**	19
		50	0	17.99	**18.05**	18.02	19
	16QAM	1	0	18.26	18.22	18.24	19
		1	25	18.13	17.92	18.15	19
		1	49	18.36	18.4	18.39	19
		25	0	17.95	17.87	17.88	19
		25	13	17.88	17.93	17.89	19
		25	25	17.97	18	17.96	19
		50	0	17.94	17.98	17.97	19
	64QAM	1	0	18.16	18.21	18.29	19
		1	25	17.79	17.83	17.85	19
		1	49	18.34	18.32	18.24	19
		25	0	17.96	18.04	18.03	19
		25	13	17.99	18.07	18.04	19
		25	25	18.07	18.09	18.01	19
		50	0	18	18.05	17.96	19

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LTE Band 17 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.43	16.35	16.43	17.5
		1	13	16.45	16.46	16.46	17.5
		1	24	16.45	16.52	16.72	17.5
		12	0	16.44	16.48	16.52	17.5
		12	6	16.49	16.43	16.39	17.5
		12	13	16.58	16.5	16.41	17.5
		25	0	16.3	16.51	16.53	17.5
	16QAM	1	0	16.69	16.64	16.7	17.5
		1	13	16.76	16.64	16.74	17.5
		1	24	16.53	17.1	16.93	17.5
		12	0	16.46	16.47	16.55	17.5
		12	6	16.32	16.31	16.49	17.5
		12	13	16.55	16.55	16.37	17.5
		25	0	16.25	16.45	16.49	17.5
	64QAM	1	0	16.57	16.65	16.7	17.5
		1	13	16.23	16.3	16.31	17.5
		1	24	16.84	16.76	16.73	17.5
		12	0	16.43	16.5	16.5	17.5
		12	6	16.43	16.52	16.52	17.5
		12	13	16.56	16.54	16.43	17.5
		25	0	16.46	16.45	16.38	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.52	16.37	16.33	17.5
		1	25	15.86	16.21	16.45	17.5
		1	49	16.53	16.5	16.64	17.5
		25	0	16.46	16.41	16.46	17.5
		25	13	16.48	16.48	16.51	17.5
		25	25	16.57	16.55	16.54	17.5
		50	0	16.54	16.42	16.48	17.5
	16QAM	1	0	16.84	16.74	16.4	17.5
		1	25	16.94	16.67	16.93	17.5
		1	49	16.66	16.77	16.44	17.5
		25	0	16.23	16.34	16.44	17.5
		25	13	16.47	16.3	16.4	17.5
		25	25	16.56	16.48	16.49	17.5
		50	0	16.41	16.56	16.49	17.5
	64QAM	1	0	16.64	16.65	16.72	17.5
		1	25	16.24	16.23	16.35	17.5
		1	49	16.74	16.73	16.73	17.5
		25	0	16.44	16.52	16.53	17.5
		25	13	16.41	16.55	16.45	17.5
		25	25	16.55	16.57	16.43	17.5
		50	0	16.43	16.49	16.4	17.5

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LTE Band 17 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.89	17.04	17.03	18
		1	13	16.94	16.82	17.01	18
		1	24	16.9	17.01	17.03	18
		12	0	16.97	16.95	17.06	18
		12	6	17.16	17.05	17.04	18
		12	13	16.96	17.02	17.02	18
		25	0	16.83	17.03	17	18
	16QAM	1	0	17.43	17.31	16.91	18
		1	13	17.42	17.33	17.55	18
		1	24	16.87	16.85	17.16	18
		12	0	16.89	17.03	17.03	18
		12	6	16.93	16.99	17.03	18
		12	13	16.82	17.03	17.02	18
		25	0	17.03	16.91	16.92	18
	64QAM	1	0	17.11	17.12	17.15	18
		1	13	16.69	16.72	16.81	18
		1	24	17.2	17.15	17.18	18
		12	0	16.86	16.93	17.02	18
		12	6	16.88	16.96	16.94	18
		12	13	17.04	17.07	16.89	18
		25	0	16.84	16.98	16.88	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.01	16.89	16.91	18
		1	25	16.24	16.83	17.04	18
		1	49	17.02	17.05	17.06	18
		25	0	16.85	16.88	16.89	18
		25	13	16.94	16.88	16.92	18
		25	25	17.07	17.11	17.06	18
		50	0	16.96	17.01	16.95	18
	16QAM	1	0	17.16	17.42	16.89	18
		1	25	17.24	16.59	17.19	18
		1	49	17.21	17.47	17.2	18
		25	0	16.9	16.87	16.96	18
		25	13	16.95	16.9	16.93	18
		25	25	16.82	16.88	17.01	18
		50	0	16.96	16.92	16.86	18
	64QAM	1	0	17.12	17.12	17.13	18
		1	25	16.68	16.65	16.82	18
		1	49	17.16	17.22	17.2	18
		25	0	16.9	16.94	16.97	18
		25	13	16.91	17.05	16.86	18
		25	25	17.03	17.05	16.88	18
		50	0	16.84	16.98	16.86	18

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LTE Band 17 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.32	14.33	14.53	15.5
		1	13	14.42	14.6	14.41	15.5
		1	24	14.38	14.59	14.56	15.5
		12	0	14.4	14.45	14.51	15.5
		12	6	14.46	14.45	14.38	15.5
		12	13	14.43	14.52	14.49	15.5
		25	0	14.35	14.42	14.51	15.5
	16QAM	1	0	14.74	14.78	14.33	15.5
		1	13	14.69	14.83	14.87	15.5
		1	24	14.75	14.29	15.13	15.5
		12	0	14.43	14.35	14.57	15.5
		12	6	14.58	14.32	14.57	15.5
		12	13	14.48	14.52	14.49	15.5
		25	0	14.4	14.43	14.44	15.5
	64QAM	1	0	14.31	14.26	14.34	15.5
		1	13	14.15	14.12	14.31	15.5
		1	24	14.34	14.41	14.45	15.5
		12	0	14.37	14.37	14.41	15.5
		12	6	14.37	14.46	14.31	15.5
		12	13	14.49	14.55	14.3	15.5
		25	0	14.33	14.44	14.35	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.39	14.39	14.37	15.5
		1	25	14.34	14.37	14.36	15.5
		1	49	14.42	14.43	14.6	15.5
		25	0	14.42	14.35	14.41	15.5
		25	13	14.34	14.41	14.48	15.5
		25	25	14.48	14.56	14.54	15.5
		50	0	14.5	14.49	14.47	15.5
	16QAM	1	0	14.93	14.74	14.21	15.5
		1	25	14.71	14.64	14.98	15.5
		1	49	14.21	14.59	15.08	15.5
		25	0	14.41	14.24	14.33	15.5
		25	13	14.5	14.24	14.36	15.5
		25	25	14.47	14.54	14.42	15.5
		50	0	14.3	14.43	14.38	15.5
	64QAM	1	0	14.29	14.52	14.57	15.5
		1	25	14.18	14.1	14.32	15.5
		1	49	14.37	14.41	14.4	15.5
		25	0	14.39	14.38	14.4	15.5
		25	13	14.39	14.54	14.34	15.5
		25	25	14.51	14.54	14.3	15.5
		50	0	14.25	14.44	14.3	15.5

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LTE Band 17 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.87	14.95	14.95	16
		1	13	14.83	15.01	14.98	16
		1	24	15.03	14.85	14.94	16
		12	0	15.06	14.96	14.98	16
		12	6	14.99	14.98	14.92	16
		12	13	14.97	15.05	15.03	16
		25	0	14.86	14.92	14.95	16
	16QAM	1	0	15.29	15.52	15.2	16
		1	13	15.22	15.39	15.37	16
		1	24	15.19	15.19	15.1	16
		12	0	15.02	14.95	14.82	16
		12	6	14.95	14.72	14.78	16
		12	13	14.92	14.85	15.08	16
		25	0	14.87	14.88	14.97	16
	64QAM	1	0	14.72	14.73	14.82	16
		1	13	14.64	14.6	14.74	16
		1	24	14.79	14.84	14.87	16
		12	0	14.83	14.86	14.86	16
		12	6	14.84	14.87	14.76	16
		12	13	14.93	15.03	14.77	16
		25	0	14.77	14.86	14.83	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.75	14.84	14.87	16
		1	25	14.39	14.84	14.13	16
		1	49	15.03	15.11	15.21	16
		25	0	14.89	14.87	14.99	16
		25	13	14.94	15.03	14.94	16
		25	25	15.08	15.06	15.07	16
		50	0	15	15	14.96	16
	16QAM	1	0	15.04	15.32	15.12	16
		1	25	15.01	14.42	14.5	16
		1	49	15.4	15.6	15.58	16
		25	0	14.79	14.88	14.79	16
		25	13	14.73	14.89	14.98	16
		25	25	14.94	14.99	14.98	16
		50	0	14.9	14.89	14.74	16
	64QAM	1	0	14.72	14.67	14.78	16
		1	25	14.55	14.53	14.79	16
		1	49	14.8	14.85	14.86	16
		25	0	14.85	14.86	14.85	16
		25	13	14.83	14.92	14.76	16
		25	25	14.9	15.02	14.74	16
		50	0	14.77	14.92	14.77	16

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LTE Band 17 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	17.4	17.37	17.47	18.5
		1	13	17.51	17.4	17.45	18.5
		1	24	17.43	17.4	17.47	18.5
		12	0	17.46	17.48	17.54	18.5
		12	6	17.48	17.46	17.41	18.5
		12	13	17.46	17.52	17.6	18.5
		25	0	17.42	17.46	17.54	18.5
	16QAM	1	0	17.14	17.39	17.73	18.5
		1	13	17.67	17.97	17.86	18.5
		1	24	17.31	17.77	18.12	18.5
		12	0	17.48	17.35	17.4	18.5
		12	6	17.44	17.32	17.42	18.5
		12	13	17.43	17.62	17.53	18.5
		25	0	17.53	17.45	17.37	18.5
	64QAM	1	0	17.12	17.22	17.23	18.5
		1	13	17.1	17.02	17.1	18.5
		1	24	17.22	17.25	17.27	18.5
		12	0	17.2	17.24	17.28	18.5
		12	6	17.23	17.28	17.16	18.5
		12	13	17.4	17.49	17.22	18.5
		25	0	17.19	17.31	17.24	18.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.41	17.36	17.28	18.5
		1	25	17.15	16.76	17.51	18.5
		1	49	17.58	17.39	17.58	18.5
		25	0	17.33	17.43	17.48	18.5
		25	13	17.45	17.47	17.5	18.5
		25	25	17.5	17.49	17.49	18.5
		50	0	17.45	17.56	17.55	18.5
	16QAM	1	0	17.76	17.76	17.76	18.5
		1	25	18.17	17.09	17.45	18.5
		1	49	17.91	17.54	17.42	18.5
		25	0	17.27	17.4	17.44	18.5
		25	13	17.43	17.38	17.4	18.5
		25	25	17.47	17.51	17.58	18.5
		50	0	17.5	17.36	17.4	18.5
	64QAM	1	0	17.15	17.22	17.22	18.5
		1	25	17.12	16.99	17.21	18.5
		1	49	17.17	17.26	17.3	18.5
		25	0	17.3	17.23	17.25	18.5
		25	13	17.25	17.35	17.19	18.5
		25	25	17.33	17.41	17.15	18.5
		50	0	17.2	17.36	17.28	18.5

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LTE Band 17 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	17.89	17.82	18.05	19
		1	13	18.02	17.85	17.96	19
		1	24	17.84	18.06	17.97	19
		12	0	17.99	18.01	18.03	19
		12	6	17.96	17.98	18.06	19
		12	13	17.92	18.05	18.03	19
		25	0	17.9	17.95	17.94	19
	16QAM	1	0	18.62	18.24	17.79	19
		1	13	18.79	18.16	18.4	19
		1	24	18.23	17.88	18.42	19
		12	0	17.89	17.89	17.97	19
		12	6	17.84	17.91	17.98	19
		12	13	17.91	17.96	17.98	19
		25	0	18.04	17.88	18.14	19
	64QAM	1	0	17.65	17.62	17.71	19
		1	13	17.58	17.4	17.6	19
		1	24	17.64	17.74	17.78	19
		12	0	17.7	17.62	17.67	19
		12	6	17.71	17.77	17.59	19
		12	13	17.74	17.83	17.61	19
		25	0	17.66	17.8	17.74	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.91	17.91	17.87	19
		1	25	17.61	17.46	17.49	19
		1	49	17.96	17.97	18.16	19
		25	0	17.93	17.89	17.95	19
		25	13	18.13	17.96	18.05	19
		25	25	17.96	17.99	17.97	19
		50	0	18.03	17.93	18.04	19
	16QAM	1	0	18.18	18.42	17.72	19
		1	25	17.95	18.19	17.14	19
		1	49	17.8	18.53	18.55	19
		25	0	17.89	17.83	17.8	19
		25	13	17.81	17.79	17.88	19
		25	25	18.13	17.96	17.92	19
		50	0	17.82	18.05	17.87	19
	64QAM	1	0	17.62	17.69	17.7	19
		1	25	17.54	17.44	17.68	19
		1	49	17.62	17.66	17.8	19
		25	0	17.74	17.65	17.66	19
		25	13	17.71	17.83	17.68	19
		25	25	17.72	17.86	17.57	19
		50	0	17.63	17.84	17.71	19

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LTE Band 17 Receiver off（body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	20.87	20.79	20.93	22
		1	13	21.02	21.03	21.02	22
		1	24	20.99	20.83	20.96	22
		12	0	20.99	20.98	21.01	22
		12	6	21.07	21.09	20.94	22
		12	13	21.06	21.1	20.97	22
		25	0	20.84	20.99	20.98	22
	16QAM	1	0	21.35	20.89	21.13	22
		1	13	21.29	21.4	21.49	22
		1	24	21.29	21.02	21.39	22
		12	0	21	20.94	20.92	22
		12	6	21.01	20.93	20.73	22
		12	13	20.98	21.09	20.97	22
		25	0	20.92	20.81	20.84	22
	64QAM	1	0	20.58	20.61	20.59	22
		1	13	20.51	20.43	20.63	22
		1	24	20.61	20.58	20.76	22
		12	0	20.66	20.54	20.64	22
		12	6	20.6	20.72	20.58	22
		12	13	20.66	20.86	20.5	22
		25	0	20.55	20.78	20.61	22

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	21.01	20.9	21	22
		1	25	20.86	20.76	21.2	22
		1	49	20.99	21	21.15	22
		25	0	21.01	21.05	20.99	22
		25	13	21.02	21.1	20.96	22
		25	25	21.02	21.07	21	22
		50	0	21.03	21.06	21.04	22
	16QAM	1	0	21.07	21.22	20.86	22
		1	25	20.73	21.29	20.99	22
		1	49	21.28	21.21	21.58	22
		25	0	21.04	20.84	21.01	22
		25	13	20.92	20.91	20.88	22
		25	25	21.04	21.01	21.06	22
		50	0	20.97	21.03	20.92	22
	64QAM	1	0	20.61	20.57	20.61	22
		1	25	20.43	20.38	20.65	22
		1	49	20.62	20.61	20.71	22
		25	0	20.71	20.61	20.65	22
		25	13	20.62	20.73	20.64	22
		25	25	20.67	20.77	20.53	22
		50	0	20.6	20.73	20.7	22

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LTE Band 17 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.33	16.46	16.5	17.5
		1	13	16.39	16.49	16.38	17.5
		1	24	16.34	16.63	16.64	17.5
		12	0	16.52	16.47	16.54	17.5
		12	6	16.56	16.32	16.52	17.5
		12	13	16.49	16.51	16.54	17.5
		25	0	16.46	16.44	16.58	17.5
	16QAM	1	0	16.82	16.81	16.78	17.5
		1	13	16.72	16.97	17.02	17.5
		1	24	16.84	16.93	16.82	17.5
		12	0	16.42	16.39	16.65	17.5
		12	6	16.44	16.48	16.28	17.5
		12	13	16.44	16.47	16.56	17.5
		25	0	16.3	16.56	16.48	17.5
	64QAM	1	0	16.28	16.21	16.35	17.5
		1	13	15.67	16.44	15.79	17.5
		1	24	16.24	16.38	16.35	17.5
		12	0	16.39	16.36	16.14	17.5
		12	6	16.25	16.15	16.41	17.5
		12	13	16.31	16.4	16.46	17.5
		25	0	16.42	16.37	16.35	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.34	16.27	16.38	17.5
		1	25	15.87	16.65	16.01	17.5
		1	49	16.45	16.59	16.48	17.5
		25	0	16.47	16.42	16.38	17.5
		25	13	16.37	16.29	16.52	17.5
		25	25	16.47	16.56	16.46	17.5
		50	0	16.44	16.44	16.48	17.5
	16QAM	1	0	16.84	16.63	16.69	17.5
		1	25	16.95	16.2	16.38	17.5
		1	49	17.03	17.17	16.9	17.5
		25	0	16.42	16.39	16.2	17.5
		25	13	16.48	16.28	16.46	17.5
		25	25	16.6	16.51	16.46	17.5
		50	0	16.43	16.42	16.37	17.5
	64QAM	1	0	16.22	16.07	16.31	17.5
		1	25	15.79	16.63	15.93	17.5
		1	49	16.42	16.5	16.37	17.5
		25	0	16.43	16.18	16.13	17.5
		25	13	16.29	16.27	16.41	17.5
		25	25	16.4	16.35	16.32	17.5
		50	0	16.39	16.35	16.31	17.5

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LTE Band 17 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.87	16.79	17	18
		1	13	16.97	16.91	16.99	18
		1	24	17.04	17.03	17.26	18
		12	0	16.89	16.99	16.98	18
		12	6	17.07	16.9	17	18
		12	13	17	17.1	17.12	18
		25	0	16.98	17.03	17.04	18
	16QAM	1	0	17.05	17.38	17.31	18
		1	13	17.39	16.59	17.46	18
		1	24	17.54	17.38	17.46	18
		12	0	16.94	16.92	17.05	18
		12	6	16.79	16.91	16.94	18
		12	13	16.94	16.95	17.06	18
		25	0	16.8	16.97	16.98	18
	64QAM	1	0	16.65	16.52	16.71	18
		1	13	16.24	17.07	16.36	18
		1	24	16.87	16.92	16.79	18
		12	0	16.92	16.66	16.61	18
		12	6	16.73	16.75	16.88	18
		12	13	16.87	16.77	16.76	18
		25	0	16.85	16.81	16.73	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.78	16.92	17.05	18
		1	25	16.62	17.26	16.45	18
		1	49	16.96	17.1	17.06	18
		25	0	16.97	16.86	16.77	18
		25	13	17.05	17.04	16.96	18
		25	25	17.02	17.15	17.13	18
		50	0	16.95	17	17.01	18
	16QAM	1	0	17.24	17.07	17.29	18
		1	25	17.81	16.97	17.3	18
		1	49	17.46	17.3	17.04	18
		25	0	16.88	16.77	16.71	18
		25	13	16.83	16.86	16.91	18
		25	25	16.85	16.93	17.09	18
		50	0	16.84	16.82	16.98	18
	64QAM	1	0	16.7	16.54	16.79	18
		1	25	16.19	17.09	16.4	18
		1	49	16.89	16.93	16.81	18
		25	0	16.9	16.65	16.6	18
		25	13	16.71	16.73	16.87	18
		25	25	16.86	16.85	16.77	18
		50	0	16.84	16.83	16.74	18

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LTE Band 17 Receiver off （body or limbs）+ WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	19.98	19.95	19.9	21
		1	13	20.04	20	19.93	21
		1	24	19.88	19.92	20	21
		12	0	19.97	19.89	20.01	21
		12	6	20.06	19.84	19.96	21
		12	13	20.03	20.12	20.02	21
		25	0	19.92	19.96	20.06	21
	16QAM	1	0	20.09	20.43	20.01	21
		1	13	20.17	20.37	20.38	21
		1	24	20.25	20.37	20.6	21
		12	0	20	19.99	20.02	21
		12	6	19.97	19.93	19.98	21
		12	13	19.9	19.9	20.05	21
		25	0	19.9	19.9	19.97	21
	64QAM	1	0	19.7	19.49	19.76	21
		1	13	19.14	19.98	19.33	21
		1	24	19.8	19.84	19.71	21
		12	0	19.8	19.55	19.51	21
		12	6	19.69	19.61	19.79	21
		12	13	19.78	19.75	19.68	21
		25	0	19.81	19.72	19.7	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	19.95	19.91	19.93	21
		1	25	19.64	19.37	19.72	21
		1	49	19.91	19.96	20.07	21
		25	0	19.94	20	19.88	21
		25	13	19.95	19.79	19.94	21
		25	25	20.06	20.01	19.97	21
		50	0	19.96	19.99	19.95	21
	16QAM	1	0	20.57	20.17	20.08	21
		1	25	19.66	19.37	19.6	21
		1	49	20.41	20.18	20.43	21
		25	0	19.8	19.85	19.9	21
		25	13	19.85	19.93	19.91	21
		25	25	19.98	20.05	20.05	21
		50	0	19.91	19.96	20.01	21
	64QAM	1	0	19.68	19.47	19.7	21
		1	25	19.1	20.08	19.4	21
		1	49	19.78	19.89	19.77	21
		25	0	19.83	19.56	19.57	21
		25	13	19.65	19.69	19.86	21
		25	25	19.78	19.77	19.77	21
		50	0	19.8	19.8	19.67	21

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LTE Band 17 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.33	14.36	14.45	15.5
		1	13	14.25	14.38	14.53	15.5
		1	24	14.4	14.55	14.68	15.5
		12	0	14.45	14.49	14.49	15.5
		12	6	14.42	14.51	14.39	15.5
		12	13	14.53	14.54	14.48	15.5
		25	0	14.4	14.4	14.47	15.5
	16QAM	1	0	14.79	14.55	14.86	15.5
		1	13	14.82	14.65	14.99	15.5
		1	24	14.11	14.2	15.07	15.5
		12	0	14.51	14.32	14.58	15.5
		12	6	14.4	14.16	14.48	15.5
		12	13	14.42	14.45	14.65	15.5
		25	0	14.32	14.28	14.38	15.5
	64QAM	1	0	14.38	14.19	14.46	15.5
		1	13	13.82	14.85	14.14	15.5
		1	24	14.56	14.64	14.56	15.5
		12	0	14.59	14.27	14.37	15.5
		12	6	14.41	14.39	14.6	15.5
		12	13	14.46	14.49	14.45	15.5
		25	0	14.52	14.54	14.37	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.51	14.54	14.61	15.5
		1	25	14.5	14.07	14.46	15.5
		1	49	14.43	14.32	14.31	15.5
		25	0	14.32	14.36	14.34	15.5
		25	13	14.34	14.61	14.4	15.5
		25	25	14.45	14.54	14.42	15.5
		50	0	14.44	14.5	14.49	15.5
	16QAM	1	0	14.55	14.03	14.63	15.5
		1	25	14.07	14.38	14.15	15.5
		1	49	14.99	14.9	15.1	15.5
		25	0	14.44	14.33	14.26	15.5
		25	13	14.41	14.36	14.44	15.5
		25	25	14.57	14.43	14.58	15.5
		50	0	14.35	14.41	14.45	15.5
	64QAM	1	0	14.38	14.19	14.38	15.5
		1	25	13.9	14.77	14.14	15.5
		1	49	14.55	14.66	14.5	15.5
		25	0	14.52	14.33	14.36	15.5
		25	13	14.41	14.44	14.6	15.5
		25	25	14.52	14.49	14.55	15.5
		50	0	14.57	14.56	14.45	15.5

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LTE Band 17 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.82	14.74	14.84	16
		1	13	15.07	14.93	15.22	16
		1	24	15.01	15.01	15.1	16
		12	0	14.87	14.96	15.13	16
		12	6	15.02	15.01	15.04	16
		12	13	14.94	15.1	15.09	16
		25	0	14.91	14.9	15.07	16
	16QAM	1	0	15.23	14.93	14.88	16
		1	13	15.43	15.14	15.02	16
		1	24	15.21	15.41	15.32	16
		12	0	14.88	15.05	15.09	16
		12	6	15.05	15.09	14.97	16
		12	13	14.83	14.95	15.04	16
		25	0	14.67	14.88	14.84	16
	64QAM	1	0	14.77	14.58	14.83	16
		1	13	14.3	15.16	14.6	16
		1	24	14.96	15.09	14.98	16
		12	0	14.93	14.74	14.84	16
		12	6	14.8	14.86	15.01	16
		12	13	14.95	14.87	14.95	16
		25	0	15.06	15.03	14.93	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	15.04	15.07	15.05	16
		1	25	14.87	14.14	14.98	16
		1	49	14.73	14.73	14.8	16
		25	0	14.91	14.91	14.93	16
		25	13	15.02	14.94	15.07	16
		25	25	15.03	15	15.03	16
		50	0	14.85	15.04	15.05	16
	16QAM	1	0	15.31	14.9	15.26	16
		1	25	14.35	15.36	14.86	16
		1	49	15.48	14.71	15.54	16
		25	0	14.86	14.86	14.84	16
		25	13	14.95	14.87	14.98	16
		25	25	15.09	15.11	14.96	16
		50	0	14.81	14.82	14.85	16
	64QAM	1	0	14.82	14.61	14.86	16
		1	25	14.33	15.25	14.54	16
		1	49	14.96	15.04	14.94	16
		25	0	14.9	14.74	14.77	16
		25	13	14.87	14.85	15.08	16
		25	25	14.96	14.96	15.03	16
		50	0	14.95	14.95	14.86	16

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LTE Band 17 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	17.95	17.95	17.85	19
		1	13	17.86	17.93	18.23	19
		1	24	17.91	17.97	18.11	19
		12	0	18	17.99	18.02	19
		12	6	17.87	17.99	18.04	19
		12	13	17.99	18.04	18	19
		25	0	17.95	18.01	17.94	19
	16QAM	1	0	17.6	18.66	18.44	19
		1	13	18.47	18.29	18.39	19
		1	24	18.33	17.95	18.5	19
		12	0	18.03	17.93	17.97	19
		12	6	17.97	17.88	17.87	19
		12	13	17.9	18.06	18	19
		25	0	17.92	18.05	18.08	19
	64QAM	1	0	17.64	17.54	17.81	19
		1	13	17.28	18.07	17.43	19
		1	24	17.85	17.88	17.84	19
		12	0	17.79	17.59	17.75	19
		12	6	17.84	17.71	18.05	19
		12	13	17.77	17.82	18.01	19
		25	0	17.79	17.8	17.8	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.82	17.88	17.84	19
		1	25	17.94	18.09	18.05	19
		1	49	17.86	17.99	18.11	19
		25	0	17.89	17.95	17.93	19
		25	13	17.86	17.91	17.9	19
		25	25	18.08	18.11	18.09	19
		50	0	17.89	18.04	18.03	19
	16QAM	1	0	18.36	18.13	17.71	19
		1	25	18.27	18.26	18.63	19
		1	49	18.2	18.29	18.37	19
		25	0	17.96	17.98	17.74	19
		25	13	17.93	17.82	17.95	19
		25	25	18.04	18.11	17.89	19
		50	0	17.77	17.99	17.91	19
	64QAM	1	0	17.63	17.54	17.83	19
		1	25	17.26	18.11	17.37	19
		1	49	17.79	17.93	17.84	19
		25	0	17.72	17.57	17.64	19
		25	13	17.78	17.78	17.96	19
		25	25	17.9	17.87	17.97	19
		50	0	17.93	17.9	17.8	19

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LTE Band 17 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.33	14.36	14.45	15.5
		1	13	14.25	14.38	14.53	15.5
		1	24	14.4	14.55	14.68	15.5
		12	0	14.45	14.49	14.49	15.5
		12	6	14.42	14.51	14.39	15.5
		12	13	14.53	14.54	14.48	15.5
		25	0	14.4	14.4	14.47	15.5
	16QAM	1	0	14.79	14.55	14.86	15.5
		1	13	14.82	14.65	14.99	15.5
		1	24	14.11	14.2	15.07	15.5
		12	0	14.51	14.32	14.58	15.5
		12	6	14.4	14.16	14.48	15.5
		12	13	14.42	14.45	14.65	15.5
		25	0	14.32	14.28	14.38	15.5
	64QAM	1	0	14.38	14.19	14.46	15.5
		1	13	13.82	14.85	14.14	15.5
		1	24	14.56	14.64	14.56	15.5
		12	0	14.59	14.27	14.37	15.5
		12	6	14.41	14.39	14.6	15.5
		12	13	14.46	14.49	14.45	15.5
		25	0	14.52	14.54	14.37	15.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	14.51	14.54	14.61	15.5
		1	25	14.5	14.07	14.46	15.5
		1	49	14.43	14.32	14.31	15.5
		25	0	14.32	14.36	14.34	15.5
		25	13	14.34	14.61	14.4	15.5
		25	25	14.45	14.54	14.42	15.5
		50	0	14.44	14.5	14.49	15.5
	16QAM	1	0	14.55	14.03	14.63	15.5
		1	25	14.07	14.38	14.15	15.5
		1	49	14.99	14.9	15.1	15.5
		25	0	14.44	14.33	14.26	15.5
		25	13	14.41	14.36	14.44	15.5
		25	25	14.57	14.43	14.58	15.5
		50	0	14.35	14.41	14.45	15.5
	64QAM	1	0	14.38	14.19	14.38	15.5
		1	25	13.9	14.77	14.14	15.5
		1	49	14.55	14.66	14.5	15.5
		25	0	14.52	14.33	14.36	15.5
		25	13	14.41	14.44	14.6	15.5
		25	25	14.52	14.49	14.55	15.5
		50	0	14.57	14.56	14.45	15.5

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LTE Band 17 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	14.82	14.74	14.84	16
		1	13	15.07	14.93	15.22	16
		1	24	15.01	15.01	15.1	16
		12	0	14.87	14.96	15.13	16
		12	6	15.02	15.01	15.04	16
		12	13	14.94	15.1	15.09	16
		25	0	14.91	14.9	15.07	16
	16QAM	1	0	15.23	14.93	14.88	16
		1	13	15.43	15.14	15.02	16
		1	24	15.21	15.41	15.32	16
		12	0	14.88	15.05	15.09	16
		12	6	15.05	15.09	14.97	16
		12	13	14.83	14.95	15.04	16
		25	0	14.67	14.88	14.84	16
	64QAM	1	0	14.77	14.58	14.83	16
		1	13	14.3	15.16	14.6	16
		1	24	14.96	15.09	14.98	16
		12	0	14.93	14.74	14.84	16
		12	6	14.8	14.86	15.01	16
		12	13	14.95	14.87	14.95	16
		25	0	15.06	15.03	14.93	16

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	15.04	15.07	15.05	16
		1	25	14.87	14.14	14.98	16
		1	49	14.73	14.73	14.8	16
		25	0	14.91	14.91	14.93	16
		25	13	15.02	14.94	15.07	16
		25	25	15.03	15	15.03	16
		50	0	14.85	15.04	15.05	16
	16QAM	1	0	15.31	14.9	15.26	16
		1	25	14.35	15.36	14.86	16
		1	49	15.48	14.71	15.54	16
		25	0	14.86	14.86	14.84	16
		25	13	14.95	14.87	14.98	16
		25	25	15.09	15.11	14.96	16
		50	0	14.81	14.82	14.85	16
	64QAM	1	0	14.82	14.61	14.86	16
		1	25	14.33	15.25	14.54	16
		1	49	14.96	15.04	14.94	16
		25	0	14.9	14.74	14.77	16
		25	13	14.87	14.85	15.08	16
		25	25	14.96	14.96	15.03	16
		50	0	14.95	14.95	14.86	16

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LTE Band 17 Receiver off (body or limbs) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	17.95	17.95	17.85	19
		1	13	17.86	17.93	18.23	19
		1	24	17.91	17.97	18.11	19
		12	0	18	17.99	18.02	19
		12	6	17.87	17.99	18.04	19
		12	13	17.99	18.04	18	19
		25	0	17.95	18.01	17.94	19
	16QAM	1	0	17.6	18.66	18.44	19
		1	13	18.47	18.29	18.39	19
		1	24	18.33	17.95	18.5	19
		12	0	18.03	17.93	17.97	19
		12	6	17.97	17.88	17.87	19
		12	13	17.9	18.06	18	19
		25	0	17.92	18.05	18.08	19
	64QAM	1	0	17.64	17.54	17.81	19
		1	13	17.28	18.07	17.43	19
		1	24	17.85	17.88	17.84	19
		12	0	17.79	17.59	17.75	19
		12	6	17.84	17.71	18.05	19
		12	13	17.77	17.82	18.01	19
		25	0	17.79	17.8	17.8	19

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	17.82	17.88	17.84	19
		1	25	17.94	18.09	18.05	19
		1	49	17.86	17.99	18.11	19
		25	0	17.89	17.95	17.93	19
		25	13	17.86	17.91	17.9	19
		25	25	18.08	18.11	18.09	19
		50	0	17.89	18.04	18.03	19
	16QAM	1	0	18.36	18.13	17.71	19
		1	25	18.27	18.26	18.63	19
		1	49	18.2	18.29	18.37	19
		25	0	17.96	17.98	17.74	19
		25	13	17.93	17.82	17.95	19
		25	25	18.04	18.11	17.89	19
		50	0	17.77	17.99	17.91	19
	64QAM	1	0	17.63	17.54	17.83	19
		1	25	17.26	18.11	17.37	19
		1	49	17.79	17.93	17.84	19
		25	0	17.72	17.57	17.64	19
		25	13	17.78	17.78	17.96	19
		25	25	17.9	17.87	17.97	19
		50	0	17.93	17.9	17.8	19

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LTE Band 17 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.33	16.46	16.5	17.5
		1	13	16.39	16.49	16.38	17.5
		1	24	16.34	16.63	16.64	17.5
		12	0	16.52	16.47	16.54	17.5
		12	6	16.56	16.32	16.52	17.5
		12	13	16.49	16.51	16.54	17.5
		25	0	16.46	16.44	16.58	17.5
	16QAM	1	0	16.82	16.81	16.78	17.5
		1	13	16.72	16.97	17.02	17.5
		1	24	16.84	16.93	16.82	17.5
		12	0	16.42	16.39	16.65	17.5
		12	6	16.44	16.48	16.28	17.5
		12	13	16.44	16.47	16.56	17.5
		25	0	16.3	16.56	16.48	17.5
	64QAM	1	0	16.28	16.21	16.35	17.5
		1	13	15.67	16.44	15.79	17.5
		1	24	16.24	16.38	16.35	17.5
		12	0	16.39	16.36	16.14	17.5
		12	6	16.25	16.15	16.41	17.5
		12	13	16.31	16.4	16.46	17.5
		25	0	16.42	16.37	16.35	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.34	16.27	16.38	17.5
		1	25	15.87	16.65	16.01	17.5
		1	49	16.45	16.59	16.48	17.5
		25	0	16.47	16.42	16.38	17.5
		25	13	16.37	16.29	16.52	17.5
		25	25	16.47	16.56	16.46	17.5
		50	0	16.44	16.44	16.48	17.5
	16QAM	1	0	16.84	16.63	16.69	17.5
		1	25	16.95	16.2	16.38	17.5
		1	49	17.03	17.17	16.9	17.5
		25	0	16.42	16.39	16.2	17.5
		25	13	16.48	16.28	16.46	17.5
		25	25	16.6	16.51	16.46	17.5
		50	0	16.43	16.42	16.37	17.5
	64QAM	1	0	16.22	16.07	16.31	17.5
		1	25	15.79	16.63	15.93	17.5
		1	49	16.42	16.5	16.37	17.5
		25	0	16.43	16.18	16.13	17.5
		25	13	16.29	16.27	16.41	17.5
		25	25	16.4	16.35	16.32	17.5
		50	0	16.39	16.35	16.31	17.5

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LTE Band 17 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	16.87	16.79	17	18
		1	13	16.97	16.91	16.99	18
		1	24	17.04	17.03	17.26	18
		12	0	16.89	16.99	16.98	18
		12	6	17.07	16.9	17	18
		12	13	17	17.1	17.12	18
		25	0	16.98	17.03	17.04	18
	16QAM	1	0	17.05	17.38	17.31	18
		1	13	17.39	16.59	17.46	18
		1	24	17.54	17.38	17.46	18
		12	0	16.94	16.92	17.05	18
		12	6	16.79	16.91	16.94	18
		12	13	16.94	16.95	17.06	18
		25	0	16.8	16.97	16.98	18
	64QAM	1	0	16.65	16.52	16.71	18
		1	13	16.24	17.07	16.36	18
		1	24	16.87	16.92	16.79	18
		12	0	16.92	16.66	16.61	18
		12	6	16.73	16.75	16.88	18
		12	13	16.87	16.77	16.76	18
		25	0	16.85	16.81	16.73	18

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	16.78	16.92	17.05	18
		1	25	16.62	17.26	16.45	18
		1	49	16.96	17.1	17.06	18
		25	0	16.97	16.86	16.77	18
		25	13	17.05	17.04	16.96	18
		25	25	17.02	17.15	17.13	18
		50	0	16.95	17	17.01	18
	16QAM	1	0	17.24	17.07	17.29	18
		1	25	17.81	16.97	17.3	18
		1	49	17.46	17.3	17.04	18
		25	0	16.88	16.77	16.71	18
		25	13	16.83	16.86	16.91	18
		25	25	16.85	16.93	17.09	18
		50	0	16.84	16.82	16.98	18
	64QAM	1	0	16.7	16.54	16.79	18
		1	25	16.19	17.09	16.4	18
		1	49	16.89	16.93	16.81	18
		25	0	16.9	16.65	16.6	18
		25	13	16.71	16.73	16.87	18
		25	25	16.86	16.85	16.77	18
		50	0	16.84	16.83	16.74	18

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LTE Band 17 Receiver off （body or limbs）+ WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	19.98	19.95	19.9	21
		1	13	20.04	20	19.93	21
		1	24	19.88	19.92	20	21
		12	0	19.97	19.89	20.01	21
		12	6	20.06	19.84	19.96	21
		12	13	20.03	20.12	20.02	21
		25	0	19.92	19.96	20.06	21
	16QAM	1	0	20.09	20.43	20.01	21
		1	13	20.17	20.37	20.38	21
		1	24	20.25	20.37	20.6	21
		12	0	20	19.99	20.02	21
		12	6	19.97	19.93	19.98	21
		12	13	19.9	19.9	20.05	21
		25	0	19.9	19.9	19.97	21
	64QAM	1	0	19.7	19.49	19.76	21
		1	13	19.14	19.98	19.33	21
		1	24	19.8	19.84	19.71	21
		12	0	19.8	19.55	19.51	21
		12	6	19.69	19.61	19.79	21
		12	13	19.78	19.75	19.68	21
		25	0	19.81	19.72	19.7	21

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Bandwidth	Modulation	RB size	RB offset	Channel 23780	Channel 23790	Channel 23800	Tune up
10MHz	QPSK	1	0	19.95	19.91	19.93	21
		1	25	19.64	19.37	19.72	21
		1	49	19.91	19.96	20.07	21
		25	0	19.94	20	19.88	21
		25	13	19.95	19.79	19.94	21
		25	25	20.06	20.01	19.97	21
		50	0	19.96	19.99	19.95	21
	16QAM	1	0	20.57	20.17	20.08	21
		1	25	19.66	19.37	19.6	21
		1	49	20.41	20.18	20.43	21
		25	0	19.8	19.85	19.9	21
		25	13	19.85	19.93	19.91	21
		25	25	19.98	20.05	20.05	21
		50	0	19.91	19.96	20.01	21
	64QAM	1	0	19.68	19.47	19.7	21
		1	25	19.1	20.08	19.4	21
		1	49	19.78	19.89	19.77	21
		25	0	19.83	19.56	19.57	21
		25	13	19.65	19.69	19.86	21
		25	25	19.78	19.77	19.77	21
		50	0	19.8	19.8	19.67	21

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LTE Band 26 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	18.72	18.64	18.52	19.5
		1	2	18.31	18.2	17.88	19.5
		1	5	18.7	18.6	18.55	19.5
		3	0	18.54	18.5	18.42	19.5
		3	2	18.63	18.41	18.51	19.5
		3	3	18.59	18.47	18.47	19.5
		6	0	18.44	18.49	18.47	19.5
	16QAM	1	0	18.98	18.96	18.78	19.5
		1	2	18.66	18.62	18.6	19.5
		1	5	18.99	18.88	18.78	19.5
		3	0	18.59	18.7	18.55	19.5
		3	2	18.52	18.32	18.43	19.5
		3	3	18.73	18.68	18.51	19.5
		6	0	18.55	18.6	18.44	19.5
	64QAM	1	0	18.74	18.64	18.6	19.5
		1	2	18.84	18.67	18.74	19.5
		1	5	18.79	18.7	18.62	19.5
		3	0	18.62	18.5	18.45	19.5
		3	2	18.43	18.57	18.47	19.5
		3	3	18.53	18.46	18.44	19.5
		6	0	18.46	18.44	18.39	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.71	18.7	18.57	19.5
		1	7	18.47	18.44	18.19	19.5
		1	14	18.73	18.69	18.53	19.5
		8	0	18.65	18.59	18.48	19.5
		8	4	18.63	18.58	18.48	19.5
		8	7	18.65	18.59	18.45	19.5
		15	0	18.7	18.59	18.55	19.5
	16QAM	1	0	18.9	18.9	18.86	19.5
		1	7	18.88	18.7	18.5	19.5
		1	14	18.96	18.84	18.74	19.5
		8	0	18.63	18.56	18.45	19.5
		8	4	18.62	18.58	18.51	19.5
		8	7	18.68	18.51	18.47	19.5
		15	0	18.6	18.57	18.54	19.5
	64QAM	1	0	18.73	18.73	18.64	19.5
		1	7	18.77	18.75	18.82	19.5
		1	14	18.84	18.74	18.63	19.5
		8	0	18.59	18.43	18.43	19.5
		8	4	18.43	18.57	18.44	19.5
		8	7	18.57	18.53	18.4	19.5
		15	0	18.48	18.43	18.37	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	18.7	18.66	18.58	19.5
		1	13	18.74	18.66	18.57	19.5
		1	24	18.64	18.64	18.57	19.5
		12	0	18.76	18.66	18.6	19.5
		12	6	18.66	18.58	18.56	19.5
		12	13	18.78	18.68	18.59	19.5
		25	0	18.69	18.67	18.53	19.5
	16QAM	1	0	18.96	18.93	18.8	19.5
		1	13	18.97	18.87	18.89	19.5
		1	24	18.92	18.89	18.82	19.5
		12	0	18.74	18.66	18.57	19.5
		12	6	18.66	18.57	18.53	19.5
		12	13	18.76	18.64	18.52	19.5
		25	0	18.66	18.62	18.51	19.5
	64QAM	1	0	18.78	18.69	18.62	19.5
		1	13	18.84	18.73	18.8	19.5
		1	24	18.76	18.75	18.67	19.5
		12	0	18.58	18.44	18.46	19.5
		12	6	18.4	18.5	18.48	19.5
		12	13	18.53	18.48	18.41	19.5
		25	0	18.44	18.41	18.38	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	18.67	18.66	18.59	19.5
		1	25	18.68	18.53	18.51	19.5
		1	49	18.71	18.67	18.56	19.5
		25	0	18.77	18.64	18.59	19.5
		25	13	18.7	18.67	18.54	19.5
		25	25	18.69	18.64	18.59	19.5
		50	0	18.69	18.66	18.58	19.5
	16QAM	1	0	18.98	18.88	18.83	19.5
		1	25	18.84	18.47	18.59	19.5
		1	49	18.9	18.88	18.82	19.5
		25	0	18.7	18.57	18.5	19.5
		25	13	18.68	18.62	18.54	19.5
		25	25	18.64	18.6	18.56	19.5
		50	0	18.58	18.62	18.5	19.5
	64QAM	1	0	18.8	18.66	18.56	19.5
		1	25	18.77	18.73	18.83	19.5
		1	49	18.76	18.66	18.65	19.5
		25	0	18.59	18.51	18.41	19.5
		25	13	18.43	18.56	18.5	19.5
		25	25	18.54	18.44	18.44	19.5
		50	0	18.51	18.45	18.38	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	18.66	18.59	18.61	19.5
		1	38	18.65	18.63	18.63	19.5
		1	74	18.65	18.6	18.51	19.5
		36	0	18.78	18.66	18.67	19.5
		36	18	18.73	18.67	18.58	19.5
		36	39	18.74	18.69	18.62	19.5
		75	0	18.7	18.66	18.64	19.5
	16QAM	1	0	18.88	18.89	18.89	19.5
		1	38	18.96	18.95	18.88	19.5
		1	74	18.85	18.84	18.8	19.5
		36	0	18.71	18.58	18.57	19.5
		36	18	18.67	18.64	18.59	19.5
		36	39	18.65	18.64	18.57	19.5
		75	0	18.65	18.63	18.56	19.5
	64QAM	1	0	18.77	18.72	18.55	19.5
		1	38	18.83	18.76	18.79	19.5
		1	74	18.77	18.69	18.66	19.5
		36	0	18.53	18.43	18.43	19.5
		36	18	18.46	18.52	18.42	19.5
		36	39	18.57	18.52	18.39	19.5
		75	0	18.47	18.49	18.36	19.5

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LTE Band 26 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	19.19	19.11	19.02	20
		1	2	19	18.81	18.68	20
		1	5	19.22	19.1	19.03	20
		3	0	19	19.05	18.94	20
		3	2	18.95	18.92	18.88	20
		3	3	19.08	19.05	18.92	20
		6	0	19.08	19.12	18.9	20
	16QAM	1	0	19.49	19.35	19.26	20
		1	2	19.12	19.13	18.89	20
		1	5	19.42	19.32	19.25	20
		3	0	19.15	19.18	19.01	20
		3	2	19.05	18.9	18.78	20
		3	3	19.12	19.06	18.97	20
		6	0	19.14	19.04	18.96	20
	64QAM	1	0	19.34	19.18	19.19	20
		1	2	19.36	19.27	19.24	20
		1	5	19.28	19.18	19.19	20
		3	0	19.08	19.11	18.89	20
		3	2	18.96	19	18.94	20
		3	3	19.11	18.95	19.01	20
		6	0	18.93	19.05	18.88	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	19.18	19.07	19.02	20
		1	7	18.73	18.34	18.27	20
		1	14	19.21	19.14	19.03	20
		8	0	19.18	19.12	18.99	20
		8	4	19.19	19.11	19.04	20
		8	7	19.15	19.1	19.02	20
		15	0	19.18	19.15	19.04	20
	16QAM	1	0	19.46	19.35	19.25	20
		1	7	18.86	19.17	19.02	20
		1	14	19.49	19.41	19.33	20
		8	0	19.1	19.04	19.02	20
		8	4	19.11	18.95	18.98	20
		8	7	19.09	19.07	19.05	20
		15	0	19.15	19.05	18.97	20
	64QAM	1	0	19.37	19.23	19.21	20
		1	7	19.36	19.31	19.33	20
		1	14	19.31	19.27	19.25	20
		8	0	19.11	19.13	18.98	20
		8	4	19.03	19.05	18.97	20
		8	7	19.17	18.97	19.04	20
		15	0	18.99	19.06	18.95	20

Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	19.17	19.16	19.06	20
		1	13	19.2	19.11	19.04	20
		1	24	19.17	19.11	19.06	20
		12	0	19.26	19.17	19.13	20
		12	6	19.15	19.1	19.01	20
		12	13	19.21	19.16	19.08	20
		25	0	19.18	19.11	19.05	20
	16QAM	1	0	19.6	19.33	19.34	20
		1	13	19.47	19.42	19.32	20
		1	24	19.46	19.28	19.33	20
		12	0	19.23	19.15	19.07	20
		12	6	19.13	19.04	18.97	20
		12	13	19.2	19.17	18.99	20
		25	0	19.13	19.04	18.95	20
	64QAM	1	0	19.26	19.28	19.15	20
		1	13	19.31	19.27	19.25	20
		1	24	19.36	19.23	19.2	20
		12	0	19.08	19.1	19.04	20
		12	6	18.99	19.05	18.96	20
		12	13	19.15	18.96	18.99	20
		25	0	19.02	18.99	18.96	20

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	19.14	19.09	19.08	20
		1	25	18.95	18.98	18.89	20
		1	49	19.12	19.09	18.99	20
		25	0	19.22	19.12	19.06	20
		25	13	19.17	19.12	19.08	20
		25	25	19.16	19.08	19.07	20
		50	0	19.18	19.13	19.1	20
	16QAM	1	0	19.39	19.29	19.35	20
		1	25	19.31	19.29	19.26	20
		1	49	19.47	19.48	19.35	20
		25	0	19.13	19.06	18.99	20
		25	13	19.14	19.03	18.99	20
		25	25	19.11	19.03	18.99	20
		50	0	19.06	19.06	19.01	20
	64QAM	1	0	19.33	19.29	19.21	20
		1	25	19.31	19.29	19.35	20
		1	49	19.28	19.28	19.31	20
		25	0	19.13	19.04	19.03	20
		25	13	19.06	19.1	19.01	20
		25	25	19.16	19.02	18.96	20
		50	0	18.96	19.07	19	20

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	19.15	19.05	19.1	20
		1	38	19.15	19.11	19.05	20
		1	74	19.09	19.08	19.03	20
		36	0	19.19	19.17	19.1	20
		36	18	19.18	19.2	19.1	20
		36	39	19.16	19.13	19.12	20
		75	0	19.15	19.15	19.07	20
	16QAM	1	0	19.37	19.31	19.25	20
		1	38	19.42	19.38	19.35	20
		1	74	19.38	19.3	19.32	20
		36	0	19.13	19.13	19.06	20
		36	18	19.11	19.12	19.05	20
		36	39	19.17	19.06	19.05	20
		75	0	19.07	19.08	19.02	20
	64QAM	1	0	19.32	19.25	19.15	20
		1	38	19.34	19.27	19.35	20
		1	74	19.36	19.26	19.23	20
		36	0	19.12	19.03	19	20
		36	18	19	19.09	19.02	20
		36	39	19.07	19.03	18.97	20
		75	0	19.03	19.01	18.92	20

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LTE Band 26 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	23.15	23.16	23.05	24
		1	2	23.23	23.04	23.06	24
		1	5	23.15	23.04	22.95	24
		3	0	22.16	22.15	22.08	24
		3	2	22.89	22.87	22.83	24
		3	3	23.04	22.92	22.81	24
		6	0	21.54	21.48	21.39	23
	16QAM	1	0	22.37	22.27	22.1	23
		1	2	22.4	22.28	22.26	23
		1	5	22.24	22.2	22.1	23
		3	0	20.55	20.48	20.41	23
		3	2	20.53	20.45	20.35	23
		3	3	20.59	20.48	20.38	23
		6	0	20.56	20.44	20.42	22
	64QAM	1	0	21.14	21.21	21.09	22
		1	2	21.35	21.25	21.2	22
		1	5	21.13	21.14	21.06	22
		3	0	21.08	21.16	21.03	22
		3	2	21.29	21.18	21.17	22
		3	3	21.08	21.1	21.03	22
		6	0	20.13	19.99	20.05	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.15	23.16	23.05	24
		1	7	23.23	23.04	23.06	24
		1	14	23.15	23.04	22.95	24
		8	0	21.57	21.51	21.48	23
		8	4	21.54	21.47	21.34	23
		8	7	21.59	21.52	21.44	23
		15	0	21.54	21.48	21.39	23
	16QAM	1	0	22.37	22.27	22.1	23
		1	7	22.4	22.28	22.26	23
		1	14	22.24	22.2	22.1	23
		8	0	20.55	20.48	20.41	22
		8	4	20.53	20.45	20.35	22
		8	7	20.59	20.48	20.38	22
		15	0	20.56	20.44	20.42	22
	64QAM	1	0	21.27	21.19	21.1	22
		1	7	21.4	21.24	21.28	22
		1	14	21.11	21.11	20.97	22
		8	0	20.25	20.17	20.04	21
		8	4	20.08	20.04	20.02	21
		8	7	20.11	20.07	20.07	21
		15	0	20.14	20.09	20.04	21

Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	23.15	23.16	23.05	24
		1	13	23.23	23.04	23.06	24
		1	24	23.15	23.04	22.95	24
		12	0	21.57	21.51	21.48	23
		12	6	21.54	21.47	21.34	23
		12	13	21.59	21.52	21.44	23
		25	0	21.54	21.48	21.39	23
	16QAM	1	0	22.37	22.27	22.1	23
		1	13	22.4	22.28	22.26	23
		1	24	22.24	22.2	22.1	23
		12	0	20.55	20.48	20.41	22
		12	6	20.53	20.45	20.35	22
		12	13	20.59	20.48	20.38	22
		25	0	20.56	20.44	20.42	22
	64QAM	1	0	21.25	21.28	21.15	22
		1	13	21.32	21.29	21.27	22
		1	24	21.15	21.03	20.98	22
		12	0	20.21	20.16	20.02	21
		12	6	20.15	20.11	19.95	21
		12	13	20.1	20.03	20.07	21
		25	0	20.09	20.02	19.95	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.13	23.13	23.08	24
		1	25	22.83	22.63	22.69	24
		1	49	23.05	23	22.93	24
		25	0	21.57	21.51	21.46	23
		25	13	21.56	21.51	21.45	23
		25	25	21.56	21.47	21.44	23
		50	0	21.54	21.51	21.44	23
	16QAM	1	0	22.38	22.25	22.3	23
		1	25	22.05	21.98	21.96	23
		1	49	22.26	22.18	22.11	23
		25	0	20.57	20.48	20.38	22
		25	13	20.53	20.48	20.4	22
		25	25	20.52	20.42	20.37	22
		50	0	20.5	20.47	20.3	22
	64QAM	1	0	21.15	21.24	21.14	22
		1	25	21.37	21.21	21.23	22
		1	49	21.2	21.11	20.98	22
		25	0	20.19	20.18	20.01	21
		25	13	20.1	20.16	20.02	21
		25	25	20.13	20.08	20.06	21
		50	0	20.12	20.05	19.96	21
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.08	22.98	22.98	24
		1	38	23.09	23.02	23.02	24
		1	74	23.04	22.91	22.9	24
		36	0	21.66	21.58	21.52	23
		36	18	21.57	21.57	21.47	23
		36	39	21.55	21.55	21.5	23
		75	0	21.6	21.52	21.49	23
	16QAM	1	0	22.28	22.17	22.28	23
		1	38	22.23	22.26	22.16	23
		1	74	22.25	22.05	21.99	23
		36	0	20.6	20.56	20.5	22
		36	18	20.56	20.51	20.43	22
		36	39	20.5	20.44	20.41	22
		75	0	20.49	20.52	20.42	22
	64QAM	1	0	21.27	21.31	21.21	22
		1	38	21.4	21.34	21.31	22
		1	74	21.24	21.17	21.07	22
		36	0	20.27	20.2	20.1	21
		36	18	20.16	20.16	20.03	21
		36	39	20.16	20.12	20.08	21
		75	0	20.16	20.13	20.05	21

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LTE Band 26 Receiver off（body or limbs）+ hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	20.11	20.01	19.91	21
		1	2	19.72	19.46	19.32	21
		1	5	20.06	20.05	19.9	21
		3	0	20.07	19.83	19.88	21
		3	2	19.8	19.72	19.76	21
		3	3	19.95	19.84	19.82	21
		6	0	19.95	19.85	19.87	21
	16QAM	1	0	20.47	20.27	20.18	21
		1	2	20.14	20.06	20.07	21
		1	5	20.29	20.28	20.2	21
		3	0	19.97	19.99	19.82	21
		3	2	20.01	19.85	19.69	21
		3	3	19.97	19.96	19.82	21
		6	0	20.03	19.95	19.77	21
	64QAM	1	0	20.21	20.07	19.92	21
		1	2	20.13	20.15	20.13	21
		1	5	20.17	20.16	20	21
		3	0	20	19.92	19.89	21
		3	2	19.82	19.85	19.91	21
		3	3	19.95	19.84	19.86	21
		6	0	19.84	19.81	19.82	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	20.06	20	19.94	21
		1	7	19.98	20.05	19.51	21
		1	14	20.07	20.02	19.9	21
		8	0	20.03	19.88	19.97	21
		8	4	19.99	19.94	19.79	21
		8	7	20.03	19.84	19.68	21
		15	0	20.03	19.98	19.9	21
	16QAM	1	0	20.36	20.38	20.19	21
		1	7	19.88	20.02	19.86	21
		1	14	20.36	20.27	20.26	21
		8	0	20	19.91	19.77	21
		8	4	19.98	19.97	19.76	21
		8	7	20.07	19.93	19.77	21
		15	0	20.02	19.92	19.76	21
	64QAM	1	0	20.16	20.15	19.98	21
		1	7	20.22	20.09	20.12	21
		1	14	20.25	20.15	20.1	21
		8	0	20	19.91	19.87	21
		8	4	19.82	19.94	19.83	21
		8	7	19.92	19.92	19.83	21
		15	0	19.86	19.81	19.8	21
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	20.07	20.05	19.94	21
		1	13	20.05	20.01	19.91	21
		1	24	20.05	19.97	19.85	21
		12	0	20.1	20.04	19.94	21
		12	6	20.05	19.93	19.82	21
		12	13	20.13	20.02	19.92	21
		25	0	20.06	19.99	19.89	21
	16QAM	1	0	20.41	20.39	20.32	21
		1	13	20.38	20.34	20.33	21
		1	24	20.44	20.23	20.24	21
		12	0	20.07	20.03	19.94	21
		12	6	20.03	19.9	19.9	21
		12	13	20.09	20	19.89	21
		25	0	19.96	19.92	19.86	21
	64QAM	1	0	20.09	20.12	19.94	21
		1	13	20.14	20.11	20.13	21
		1	24	20.22	20.05	20.02	21
		12	0	20.01	19.86	19.78	21
		12	6	19.76	19.87	19.82	21
		12	13	19.86	19.92	19.8	21
		25	0	19.82	19.79	19.74	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.03	20.03	19.96	21
		1	25	19.93	19.58	19.91	21
		1	49	20.03	19.93	19.89	21
		25	0	20.08	20	19.92	21
		25	13	20.01	20.02	19.96	21
		25	25	20.02	19.99	19.93	21
		50	0	20.03	19.97	19.92	21
	16QAM	1	0	20.43	20.3	20.28	21
		1	25	20	20.02	20.07	21
		1	49	20.29	20.22	20.21	21
		25	0	20.03	19.89	19.89	21
		25	13	20.03	19.95	19.91	21
		25	25	19.97	19.94	19.84	21
		50	0	19.97	19.96	19.87	21
	64QAM	1	0	20.1	20.06	19.94	21
		1	25	20.21	20.07	20.19	21
		1	49	20.23	20.15	20.05	21
		25	0	19.94	19.87	19.82	21
		25	13	19.85	19.96	19.89	21
		25	25	19.92	19.9	19.79	21
		50	0	19.85	19.83	19.81	21
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	**20.03**	19.95	19.93	21
		1	38	20.01	20.01	19.92	21
		1	74	19.95	19.83	19.85	21
		36	0	**20.17**	20.01	20.03	21
		36	18	20.1	20.03	19.93	21
		36	39	20.04	20.02	19.95	21
		75	0	**20.03**	20.03	19.97	21
	16QAM	1	0	20.37	20.25	20.25	21
		1	38	20.31	20.32	20.31	21
		1	74	20.22	20.24	20.23	21
		36	0	20.1	19.95	19.94	21
		36	18	20.05	19.96	19.89	21
		36	39	19.97	19.93	19.9	21
		75	0	19.95	19.93	19.87	21
	64QAM	1	0	20.13	20.08	19.91	21
		1	38	20.24	20.06	20.12	21
		1	74	20.22	20.09	20.09	21
		36	0	19.98	19.85	19.79	21
		36	18	19.81	19.96	19.87	21
		36	39	19.96	19.81	19.77	21
		75	0	19.88	19.83	19.7	21

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LTE Band 26 Receiver off（body or limbs）+ hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	18.1	17.99	17.89	19
		1	2	17.6	17.46	17.45	19
		1	5	18.05	17.99	17.86	19
		3	0	18.1	17.81	17.83	19
		3	2	17.8	17.82	17.65	19
		3	3	17.77	17.65	17.7	19
		6	0	17.98	17.86	17.81	19
	16QAM	1	0	18.37	18.22	18.09	19
		1	2	18.24	18.03	18.02	19
		1	5	18.36	18.26	18.1	19
		3	0	18.12	18.06	17.86	19
		3	2	18.06	17.83	17.63	19
		3	3	18.1	17.94	17.72	19
		6	0	17.98	17.95	17.72	19
	64QAM	1	0	18.05	17.97	17.87	19
		1	2	18.2	18.02	18.06	19
		1	5	18.19	18.02	18.04	19
		3	0	17.88	17.74	17.77	19
		3	2	17.74	17.86	17.8	19
		3	3	17.87	17.7	17.68	19
		6	0	17.8	17.75	17.65	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.11	18.02	17.92	19
		1	7	17.59	17.64	17.71	19
		1	14	18.06	17.98	17.84	19
		8	0	18.05	17.93	17.8	19
		8	4	17.99	17.92	17.83	19
		8	7	17.98	17.96	17.82	19
		15	0	18.02	17.98	17.86	19
	16QAM	1	0	18.31	18.22	18.12	19
		1	7	17.77	17.87	17.69	19
		1	14	18.28	18.27	18.08	19
		8	0	17.96	17.9	17.85	19
		8	4	17.98	17.81	17.85	19
		8	7	18.05	17.99	17.83	19
		15	0	18.04	17.97	17.82	19
	64QAM	1	0	18.12	18.03	17.8	19
		1	7	18.13	17.95	18.01	19
		1	14	18.2	18.07	18.07	19
		8	0	17.89	17.81	17.77	19
		8	4	17.74	17.89	17.85	19
		8	7	17.88	17.75	17.75	19
		15	0	17.82	17.74	17.62	19
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	18.12	18.04	17.92	19
		1	13	18.07	18.02	17.92	19
		1	24	18.08	18.01	17.86	19
		12	0	18.13	18.02	17.92	19
		12	6	18.09	18.03	17.9	19
		12	13	18.12	18.06	17.95	19
		25	0	18.07	18.04	17.89	19
	16QAM	1	0	18.33	18.34	18.17	19
		1	13	18.29	18.14	18.15	19
		1	24	18.28	18.22	18.22	19
		12	0	18.08	17.98	17.96	19
		12	6	18.02	17.85	17.88	19
		12	13	18.1	17.99	17.89	19
		25	0	18.02	17.95	17.82	19
	64QAM	1	0	18.12	17.96	17.9	19
		1	13	18.18	18.04	18.07	19
		1	24	18.19	18	18	19
		12	0	17.94	17.81	17.7	19
		12	6	17.73	17.85	17.83	19
		12	13	17.9	17.77	17.68	19
		25	0	17.88	17.82	17.62	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	18.09	18.01	17.97	19
		1	25	17.88	17.85	17.52	19
		1	49	18.03	17.96	17.9	19
		25	0	18.1	18	17.95	19
		25	13	18.03	18.03	17.96	19
		25	25	18.01	17.99	17.9	19
		50	0	18.05	18.03	17.93	19
	16QAM	1	0	18.29	18.24	18.23	19
		1	25	18.09	18.25	17.94	19
		1	49	18.31	18.31	18.14	19
		25	0	18.05	17.99	17.87	19
		25	13	18.01	17.97	17.86	19
		25	25	17.99	17.91	17.85	19
		50	0	18	17.95	17.87	19
	64QAM	1	0	18.03	18	17.79	19
		1	25	18.17	17.98	18.02	19
		1	49	18.22	18.03	18.01	19
		25	0	17.87	17.78	17.71	19
		25	13	17.75	17.84	17.79	19
		25	25	17.88	17.79	17.72	19
		50	0	17.79	17.78	17.59	19

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	**18.07**	17.96	17.99	19
		1	38	18.04	18.02	17.96	19
		1	74	17.97	17.87	17.85	19
		36	0	**18.1**	18.09	17.97	19
		36	18	18.06	18	17.93	19
		36	39	18.09	17.98	17.94	19
		75	0	**18.06**	18.06	18	19
	16QAM	1	0	18.34	18.28	18.24	19
		1	38	18.33	18.35	18.23	19
		1	74	18.22	18.24	18.11	19
		36	0	18.1	18.01	17.98	19
		36	18	18	17.99	17.86	19
		36	39	18.01	17.93	17.85	19
		75	0	17.99	17.97	17.9	19
	64QAM	1	0	18.12	18.02	17.86	19
		1	38	18.2	18.05	18.01	19
		1	74	18.11	18	18.04	19
		36	0	17.97	17.84	17.73	19
		36	18	17.76	17.85	17.83	19
		36	39	17.94	17.77	17.72	19
		75	0	17.83	17.83	17.7	19

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LTE Band 26 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	15.59	15.57	15.41	16.5
		1	2	15.38	15.32	15.62	16.5
		1	5	15.58	15.39	15.41	16.5
		3	0	15.47	14.8	14.91	16.5
		3	2	15.5	15.47	15.17	16.5
		3	3	15.15	15.31	15.39	16.5
		6	0	15.39	15.54	15.27	16.5
	16QAM	1	0	15.78	15.94	15.06	16.5
		1	2	15.69	15.47	15.63	16.5
		1	5	15.55	15.91	15.89	16.5
		3	0	15.41	15.2	15.17	16.5
		3	2	15.54	15.46	14.37	16.5
		3	3	15.42	15.23	15.24	16.5
		6	0	15.4	15.17	15.15	16.5
	64QAM	1	0	15.48	15.38	15.36	16.5
		1	2	15.63	15.48	15.55	16.5
		1	5	15.66	15.51	15.44	16.5
		3	0	15.37	15.18	15.24	16.5
		3	2	15.2	15.27	15.21	16.5
		3	3	15.34	15.13	15.15	16.5
		6	0	15.21	15.22	15.11	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	15.56	15.4	15.24	16.5
		1	7	15.83	14.86	14.51	16.5
		1	14	15.37	15.51	15.24	16.5
		8	0	15.49	15.23	15.28	16.5
		8	4	15.35	15.37	15.27	16.5
		8	7	15.56	15.46	15.02	16.5
		15	0	15.52	15.38	15.27	16.5
	16QAM	1	0	15.59	15.68	15.77	16.5
		1	7	15.32	14.57	15.61	16.5
		1	14	15.34	15.51	15.61	16.5
		8	0	15.15	15.44	14.94	16.5
		8	4	15.4	15.52	15.15	16.5
		8	7	15.63	15.36	14.96	16.5
		15	0	15.4	15.43	15.17	16.5
	64QAM	1	0	15.45	15.36	15.28	16.5
		1	7	15.68	15.42	15.51	16.5
		1	14	15.59	15.49	15.49	16.5
		8	0	15.32	15.13	15.27	16.5
		8	4	15.17	15.33	15.25	16.5
		8	7	15.27	15.18	15.1	16.5
		15	0	15.3	15.14	15.12	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	15.55	15.49	15.29	16.5
		1	13	15.54	15.33	15.31	16.5
		1	24	15.51	15.34	15.31	16.5
		12	0	15.53	15.49	15.42	16.5
		12	6	15.47	15.45	15.36	16.5
		12	13	15.47	15.51	15.38	16.5
		25	0	15.42	15.51	15.34	16.5
	16QAM	1	0	15.97	15.88	15.15	16.5
		1	13	15.57	15.72	15.37	16.5
		1	24	15.51	15.63	15.7	16.5
		12	0	15.48	15.47	15.31	16.5
		12	6	15.58	15.32	15.29	16.5
		12	13	15.6	15.31	15.38	16.5
		25	0	15.5	15.37	15.32	16.5
	64QAM	1	0	15.5	15.38	15.3	16.5
		1	13	15.62	15.51	15.53	16.5
		1	24	15.66	15.47	15.44	16.5
		12	0	15.3	15.22	15.24	16.5
		12	6	15.21	15.32	15.26	16.5
		12	13	15.31	15.17	15.07	16.5
		25	0	15.19	15.21	15.11	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	15.53	15.42	15.34	16.5
		1	25	15.01	15.18	15.41	16.5
		1	49	15.43	15.32	15.34	16.5
		25	0	15.5	15.47	15.34	16.5
		25	13	15.47	15.45	15.33	16.5
		25	25	15.44	15.31	15.36	16.5
		50	0	15.54	15.47	15.27	16.5
	16QAM	1	0	15.45	15.77	15.65	16.5
		1	25	15.26	15.97	15.99	16.5
		1	49	15.8	15.73	15.65	16.5
		25	0	15.42	15.33	15.32	16.5
		25	13	15.4	15.28	15.23	16.5
		25	25	15.31	15.14	15.26	16.5
		50	0	15.36	15.38	15.23	16.5
	64QAM	1	0	15.54	15.43	15.3	16.5
		1	25	15.6	15.46	15.52	16.5
		1	49	15.65	15.42	15.53	16.5
		25	0	15.29	15.23	15.18	16.5
		25	13	15.23	15.33	15.26	16.5
		25	25	15.34	15.19	15.14	16.5
		50	0	15.3	15.25	15.13	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.39	15.41	15.32	16.5
		1	38	15.4	15.32	15.38	16.5
		1	74	15.35	15.24	15.25	16.5
		36	0	15.49	15.57	15.45	16.5
		36	18	15.51	15.45	15.37	16.5
		36	39	15.44	15.47	15.43	16.5
		75	0	15.43	15.42	15.36	16.5
	16QAM	1	0	15.91	15.45	15.65	16.5
		1	38	15.72	15.71	15.63	16.5
		1	74	15.37	15.53	15.2	16.5
		36	0	15.4	15.44	15.34	16.5
		36	18	15.42	15.39	15.31	16.5
		36	39	15.45	15.21	15.31	16.5
		75	0	15.34	15.32	15.23	16.5
	64QAM	1	0	15.45	15.44	15.32	16.5
		1	38	15.61	15.51	15.55	16.5
		1	74	15.66	15.42	15.5	16.5
		36	0	15.36	15.19	15.23	16.5
		36	18	15.13	15.25	15.26	16.5
		36	39	15.36	15.1	15.17	16.5
		75	0	15.22	15.24	15.14	16.5

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LTE Band 26 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	16.1	15.86	15.8	17
		1	2	15.48	15.14	14.65	17
		1	5	15.99	15.97	15.83	17
		3	0	15.83	15.83	15.61	17
		3	2	15.92	16.16	15.87	17
		3	3	15.96	15.7	15.46	17
		6	0	15.99	15.9	15.2	17
	16QAM	1	0	16.43	16.15	16.14	17
		1	2	16.22	15.8	15.74	17
		1	5	15.98	15.69	15.77	17
		3	0	16.02	16.04	15.87	17
		3	2	15.66	15.91	15.87	17
		3	3	15.68	15.72	15.98	17
		6	0	16.05	16	15.89	17
	64QAM	1	0	15.92	15.89	15.76	17
		1	2	16.03	15.98	15.96	17
		1	5	16.08	15.9	15.96	17
		3	0	15.82	15.68	15.69	17
		3	2	15.63	15.71	15.74	17
		3	3	15.76	15.56	15.61	17
		6	0	15.62	15.69	15.62	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	16	15.92	15.94	17
		1	7	13.95	14.66	15.7	17
		1	14	16.03	15.96	15.69	17
		8	0	16.04	15.88	15.79	17
		8	4	16.06	15.8	15.86	17
		8	7	16.11	15.79	15.76	17
		15	0	15.72	15.9	15.74	17
	16QAM	1	0	16.5	16.52	16.16	17
		1	7	16.11	16.01	14.71	17
		1	14	16.3	16.24	15.86	17
		8	0	15.98	15.9	15.8	17
		8	4	15.99	15.87	15.75	17
		8	7	15.94	16.08	15.85	17
		15	0	15.8	15.81	15.8	17
	64QAM	1	0	15.88	15.92	15.78	17
		1	7	16.03	15.93	15.96	17
		1	14	16.15	15.86	15.96	17
		8	0	15.83	15.67	15.67	17
		8	4	15.54	15.73	15.76	17
		8	7	15.85	15.57	15.67	17
		15	0	15.69	15.68	15.55	17
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	16.06	15.93	15.89	17
		1	13	16.01	15.81	15.91	17
		1	24	15.98	15.87	15.66	17
		12	0	16.1	15.91	15.95	17
		12	6	15.73	15.87	15.68	17
		12	13	16.03	15.93	15.79	17
		25	0	15.99	15.92	15.85	17
	16QAM	1	0	16.31	16.22	16.24	17
		1	13	16.43	15.87	15.89	17
		1	24	16.11	16.45	15.78	17
		12	0	16.06	15.89	15.95	17
		12	6	15.98	15.81	15.95	17
		12	13	16.02	15.95	15.81	17
		25	0	15.96	15.82	15.95	17
	64QAM	1	0	15.89	15.91	15.81	17
		1	13	16.05	15.99	16.02	17
		1	24	16.11	15.85	15.96	17
		12	0	15.81	15.6	15.66	17
		12	6	15.56	15.73	15.68	17
		12	13	15.78	15.52	15.59	17
		25	0	15.7	15.66	15.6	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	15.97	15.93	15.81	17
		1	25	15.36	14.65	15.28	17
		1	49	15.95	15.86	15.76	17
		25	0	15.96	16.02	15.79	17
		25	13	15.92	16	15.89	17
		25	25	15.88	15.86	15.88	17
		50	0	15.99	15.9	15.72	17
	16QAM	1	0	16.31	16.23	16.09	17
		1	25	16.33	16.42	15.59	17
		1	49	16.27	16.11	16.08	17
		25	0	15.98	15.84	15.83	17
		25	13	15.96	15.84	15.84	17
		25	25	15.86	15.97	15.87	17
		50	0	15.84	15.95	15.79	17
	64QAM	1	0	15.88	15.93	15.82	17
		1	25	16.1	15.96	16.02	17
		1	49	16.16	15.92	15.93	17
		25	0	15.84	15.64	15.71	17
		25	13	15.55	15.7	15.73	17
		25	25	15.82	15.59	15.65	17
		50	0	15.63	15.72	15.58	17
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.86	15.99	15.98	17
		1	38	15.9	15.91	15.94	17
		1	74	15.85	15.79	15.72	17
		36	0	16.02	16.05	15.92	17
		36	18	16.01	15.94	15.85	17
		36	39	15.93	15.84	15.9	17
		75	0	15.93	15.9	15.82	17
	16QAM	1	0	16.02	16.17	16.11	17
		1	38	16.02	15.93	16.16	17
		1	74	15.77	16.17	15.99	17
		36	0	16.05	15.93	15.81	17
		36	18	15.75	15.83	15.77	17
		36	39	15.81	15.88	15.74	17
		75	0	15.94	15.81	15.85	17
	64QAM	1	0	15.88	15.85	15.77	17
		1	38	16.01	15.98	16.04	17
		1	74	16.15	15.88	15.9	17
		36	0	15.78	15.68	15.72	17
		36	18	15.62	15.69	15.73	17
		36	39	15.78	15.58	15.58	17
		75	0	15.67	15.7	15.55	17

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LTE Band 26 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	13.51	13.34	13.33	14.5
		1	2	13.49	13.06	12.95	14.5
		1	5	13.48	13.41	13.35	14.5
		3	0	13.31	13.07	12.99	14.5
		3	2	13.41	13.4	13.28	14.5
		3	3	13.35	13.07	13.1	14.5
		6	0	13.42	13.39	13.32	14.5
	16QAM	1	0	13.83	13.82	13.4	14.5
		1	2	13.22	13.37	13.42	14.5
		1	5	13.63	14.02	13.82	14.5
		3	0	13.52	13.17	13.22	14.5
		3	2	13.23	13.17	13.44	14.5
		3	3	13.6	13.19	12.94	14.5
		6	0	13.42	13.46	13.41	14.5
	64QAM	1	0	13.26	13.26	13.22	14.5
		1	2	13.46	13.47	13.41	14.5
		1	5	13.51	13.24	13.31	14.5
		3	0	13.27	13.11	13.21	14.5
		3	2	13.04	13.11	13.15	14.5
		3	3	13.16	12.99	12.95	14.5
		6	0	13.12	13.12	13.04	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.62	13.32	13.41	14.5
		1	7	12.76	13.73	12.58	14.5
		1	14	13.53	13.38	13.29	14.5
		8	0	13.31	13.37	13.42	14.5
		8	4	13.38	13.13	13.24	14.5
		8	7	13.59	13.47	13.44	14.5
		15	0	13.43	13.44	13.24	14.5
	16QAM	1	0	14.08	13.26	13.64	14.5
		1	7	12.61	13.58	13	14.5
		1	14	14.08	13.55	13.79	14.5
		8	0	13.4	13.55	13.23	14.5
		8	4	13.61	13.46	13.37	14.5
		8	7	13.5	13.32	13.34	14.5
		15	0	13.43	13.33	13.3	14.5
	64QAM	1	0	13.36	13.33	13.19	14.5
		1	7	13.43	13.41	13.48	14.5
		1	14	13.51	13.35	13.4	14.5
		8	0	13.16	13.15	13.18	14.5
		8	4	12.99	13.12	13.22	14.5
		8	7	13.21	12.95	12.97	14.5
		15	0	13.1	13.09	13.04	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.51	13.5	13.25	14.5
		1	13	13.5	13.49	13.31	14.5
		1	24	13.58	13.43	13.37	14.5
		12	0	13.62	13.51	13.33	14.5
		12	6	13.43	13.33	13.3	14.5
		12	13	13.53	13.4	13.3	14.5
		25	0	13.48	13.39	13.27	14.5
	16QAM	1	0	13.57	13.95	13.9	14.5
		1	13	13.69	13.61	13.38	14.5
		1	24	13.56	13.73	13.88	14.5
		12	0	13.55	13.3	13.49	14.5
		12	6	13.36	13.53	13.14	14.5
		12	13	13.54	13.36	13.39	14.5
		25	0	13.37	13.43	13.32	14.5
	64QAM	1	0	13.29	13.25	13.24	14.5
		1	13	13.37	13.36	13.44	14.5
		1	24	13.6	13.28	13.37	14.5
		12	0	13.26	13.14	13.16	14.5
		12	6	13.07	13.14	13.22	14.5
		12	13	13.23	12.98	12.97	14.5
		25	0	13.11	13.11	13.04	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.46	13.42	13.3	14.5
		1	25	12.83	13.12	12.85	14.5
		1	49	13.42	13.36	13.27	14.5
		25	0	13.61	13.48	13.41	14.5
		25	13	13.55	13.32	13.37	14.5
		25	25	13.49	13.33	13.28	14.5
		50	0	13.37	13.37	13.32	14.5
	16QAM	1	0	14.03	14.02	13.5	14.5
		1	25	13.95	13.48	13.54	14.5
		1	49	13.63	12.98	13.32	14.5
		25	0	13.39	13.44	13.3	14.5
		25	13	13.38	13.24	13.2	14.5
		25	25	13.4	13.3	13.22	14.5
		50	0	13.39	13.42	13.37	14.5
	64QAM	1	0	13.24	13.35	13.16	14.5
		1	25	13.36	13.35	13.43	14.5
		1	49	13.62	13.37	13.38	14.5
		25	0	13.16	13.08	13.21	14.5
		25	13	13.06	13.18	13.1	14.5
		25	25	13.16	13.06	12.98	14.5
		50	0	13.14	13.09	13.02	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.43	13.45	13.52	14.5
		1	38	13.45	13.39	13.42	14.5
		1	74	13.39	13.3	13.19	14.5
		36	0	13.51	13.51	13.44	14.5
		36	18	13.39	13.48	13.36	14.5
		36	39	13.43	13.42	13.4	14.5
		75	0	13.53	13.47	13.34	14.5
	16QAM	1	0	13.97	13.35	13.65	14.5
		1	38	13.1	13.6	13.65	14.5
		1	74	13.6	13.39	13.1	14.5
		36	0	13.55	13.39	13.35	14.5
		36	18	13.38	13.39	13.38	14.5
		36	39	13.36	13.4	13.33	14.5
		75	0	13.39	13.36	13.36	14.5
	64QAM	1	0	13.35	13.3	13.13	14.5
		1	38	13.4	13.46	13.45	14.5
		1	74	13.64	13.38	13.3	14.5
		36	0	13.18	13.04	13.08	14.5
		36	18	12.98	13.04	13.13	14.5
		36	39	13.24	13.02	13.02	14.5
		75	0	13.05	13.1	13.05	14.5

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LTE Band 26 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	14.03	13.94	13.81	15
		1	2	14.25	13.31	14.02	15
		1	5	14.09	13.99	13.84	15
		3	0	13.97	13.76	13.63	15
		3	2	14.04	14.17	13.81	15
		3	3	13.92	13.73	13.83	15
		6	0	14.01	13.28	13.46	15
	16QAM	1	0	14.59	14.46	14.34	15
		1	2	14.27	13.83	14.1	15
		1	5	14.33	13.93	14.24	15
		3	0	14	13.78	13.68	15
		3	2	13.79	13.54	13.81	15
		3	3	13.89	13.88	14.08	15
		6	0	14.06	13.81	13.87	15
	64QAM	1	0	13.8	13.74	13.54	15
		1	2	13.82	13.92	13.92	15
		1	5	14.09	13.82	13.78	15
		3	0	13.59	13.5	13.55	15
		3	2	13.44	13.51	13.57	15
		3	3	13.72	13.47	13.5	15
		6	0	13.49	13.56	13.47	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.96	13.95	13.83	15
		1	7	13.6	12.62	12.15	15
		1	14	14.05	13.78	13.7	15
		8	0	13.67	13.81	13.4	15
		8	4	13.91	13.81	13.76	15
		8	7	13.76	13.9	13.81	15
		15	0	13.95	13.88	13.89	15
	16QAM	1	0	13.89	13.98	14.41	15
		1	7	14.35	12.76	13.09	15
		1	14	13.97	14.1	14.26	15
		8	0	13.81	13.94	13.57	15
		8	4	13.65	13.75	13.69	15
		8	7	13.7	14.04	13.67	15
		15	0	13.84	13.79	13.87	15
	64QAM	1	0	13.76	13.78	13.6	15
		1	7	13.85	13.94	13.87	15
		1	14	14.12	13.84	13.73	15
		8	0	13.66	13.48	13.49	15
		8	4	13.41	13.44	13.54	15
		8	7	13.65	13.47	13.5	15
		15	0	13.54	13.51	13.48	15
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	14.02	13.91	13.87	15
		1	13	13.88	13.8	13.82	15
		1	24	13.93	13.86	13.8	15
		12	0	14.06	14.01	13.91	15
		12	6	14	13.93	13.73	15
		12	13	13.99	14.01	13.88	15
		25	0	13.91	14	13.84	15
	16QAM	1	0	14.3	14.4	14.33	15
		1	13	14.57	14.22	14.15	15
		1	24	14.34	14.14	14.01	15
		12	0	14.05	13.9	13.88	15
		12	6	14.13	13.93	13.9	15
		12	13	14.05	13.84	13.85	15
		25	0	14	14.02	13.68	15
	64QAM	1	0	13.83	13.77	13.62	15
		1	13	13.82	13.88	13.85	15
		1	24	14.1	13.82	13.8	15
		12	0	13.62	13.47	13.5	15
		12	6	13.39	13.47	13.55	15
		12	13	13.7	13.47	13.46	15
		25	0	13.54	13.57	13.5	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	14.02	13.89	13.83	15
		1	25	14.36	13.4	13.02	15
		1	49	13.87	13.81	13.72	15
		25	0	14.05	13.94	13.85	15
		25	13	13.98	13.93	13.84	15
		25	25	13.97	13.93	13.85	15
		50	0	13.94	13.84	13.8	15
	16QAM	1	0	14.35	14.35	14.23	15
		1	25	14.42	14.56	13.8	15
		1	49	13.89	13.97	14.22	15
		25	0	14.01	13.85	13.79	15
		25	13	13.74	13.86	13.62	15
		25	25	13.83	13.68	13.73	15
		50	0	13.84	13.79	13.79	15
	64QAM	1	0	13.83	13.75	13.62	15
		1	25	13.84	13.88	13.88	15
		1	49	14.1	13.83	13.77	15
		25	0	13.59	13.51	13.53	15
		25	13	13.41	13.53	13.6	15
		25	25	13.65	13.43	13.46	15
		50	0	13.5	13.56	13.49	15
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.95	13.84	13.81	15
		1	38	13.91	13.92	13.83	15
		1	74	13.95	13.76	13.8	15
		36	0	14.06	13.97	13.85	15
		36	18	13.94	13.96	13.78	15
		36	39	13.98	13.89	13.83	15
		75	0	13.86	13.94	13.88	15
	16QAM	1	0	14.07	13.97	13.9	15
		1	38	14.23	14.14	13.98	15
		1	74	14.2	14.05	13.66	15
		36	0	13.96	13.87	13.88	15
		36	18	14	14.06	13.83	15
		36	39	13.93	13.8	13.9	15
		75	0	13.93	13.85	13.81	15
	64QAM	1	0	13.8	13.72	13.61	15
		1	38	13.86	13.88	13.92	15
		1	74	14.05	13.83	13.78	15
		36	0	13.6	13.46	13.54	15
		36	18	13.4	13.5	13.61	15
		36	39	13.74	13.47	13.5	15
		75	0	13.5	13.54	13.48	15

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LTE Band 26 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	16.56	16.48	16.28	17.5
		1	2	16.06	16.75	16.51	17.5
		1	5	16.41	16.41	16.29	17.5
		3	0	16.4	16.16	16.38	17.5
		3	2	16.65	16.04	15.96	17.5
		3	3	16.56	16.38	16.35	17.5
		6	0	16.13	16.54	16.28	17.5
	16QAM	1	0	16.8	16.29	16.79	17.5
		1	2	16.34	16.72	16.65	17.5
		1	5	16.5	16.21	16.58	17.5
		3	0	16.44	16.38	16.05	17.5
		3	2	16.38	16.54	16.06	17.5
		3	3	16.58	16.57	15.93	17.5
		6	0	16.73	16.24	16.1	17.5
	64QAM	1	0	16.22	16.17	16	17.5
		1	2	16.31	16.39	16.39	17.5
		1	5	16.58	16.31	16.21	17.5
		3	0	16.07	15.94	16	17.5
		3	2	15.9	15.94	16	17.5
		3	3	16.19	15.96	15.99	17.5
		6	0	15.94	15.99	15.96	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	16.61	16.39	16.39	17.5
		1	7	16.12	15.96	15.59	17.5
		1	14	16.58	16.39	16.35	17.5
		8	0	16.46	16.43	15.98	17.5
		8	4	16.61	16.46	16.14	17.5
		8	7	16.54	16.57	16.16	17.5
		15	0	16.49	16.47	16.36	17.5
	16QAM	1	0	16.83	16.34	16.63	17.5
		1	7	17.08	15.83	16.17	17.5
		1	14	16.89	16.81	16.51	17.5
		8	0	16.37	16.16	16.26	17.5
		8	4	16.49	16.3	16.25	17.5
		8	7	16.35	16.36	16.16	17.5
		15	0	16.42	16.33	16.44	17.5
	64QAM	1	0	16.21	16.2	15.97	17.5
		1	7	16.29	16.4	16.41	17.5
		1	14	16.51	16.29	16.21	17.5
		8	0	16.07	15.9	15.96	17.5
		8	4	15.93	15.97	16.04	17.5
		8	7	16.15	15.94	15.98	17.5
		15	0	15.9	15.97	15.89	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	16.5	16.48	16.32	17.5
		1	13	16.47	16.52	16.32	17.5
		1	24	16.38	16.4	16.31	17.5
		12	0	16.5	16.47	16.37	17.5
		12	6	16.58	16.42	16.45	17.5
		12	13	16.44	16.48	16.35	17.5
		25	0	16.52	16.49	16.33	17.5
	16QAM	1	0	16.86	16.29	16.2	17.5
		1	13	16.45	16.84	16.72	17.5
		1	24	17.02	16.34	16.53	17.5
		12	0	16.64	16.4	16.36	17.5
		12	6	16.36	16.38	16.25	17.5
		12	13	16.46	16.45	16.31	17.5
		25	0	16.44	16.46	16.22	17.5
	64QAM	1	0	16.29	16.15	15.95	17.5
		1	13	16.24	16.39	16.36	17.5
		1	24	16.49	16.32	16.27	17.5
		12	0	16	15.95	15.97	17.5
		12	6	15.84	16.01	16.06	17.5
		12	13	16.18	15.96	15.99	17.5
		25	0	15.98	16.05	15.88	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	16.54	16.37	16.3	17.5
		1	25	15.94	16.1	15.79	17.5
		1	49	16.36	16.39	16.28	17.5
		25	0	16.51	16.45	16.35	17.5
		25	13	16.46	16.43	16.34	17.5
		25	25	16.55	16.41	16.35	17.5
		50	0	16.54	16.45	16.39	17.5
	16QAM	1	0	16.82	16.52	16.78	17.5
		1	25	15.91	16.18	15.52	17.5
		1	49	16.77	16.75	16.67	17.5
		25	0	16.44	16.39	16.29	17.5
		25	13	16.38	16.37	16.24	17.5
		25	25	16.46	16.38	16.25	17.5
		50	0	16.43	16.36	16.32	17.5
	64QAM	1	0	16.25	16.15	16	17.5
		1	25	16.31	16.34	16.34	17.5
		1	49	16.53	16.27	16.25	17.5
		25	0	16.09	16	16.01	17.5
		25	13	15.84	15.94	16.04	17.5
		25	25	16.13	15.89	15.94	17.5
		50	0	15.93	15.99	15.9	17.5

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	16.39	16.29	16.31	17.5
		1	38	16.44	16.44	16.3	17.5
		1	74	16.31	16.32	16.25	17.5
		36	0	16.5	16.44	16.46	17.5
		36	18	16.39	16.45	16.28	17.5
		36	39	16.44	16.35	16.32	17.5
		75	0	16.43	16.41	16.38	17.5
	16QAM	1	0	16.76	16.98	16.71	17.5
		1	38	16.8	16.7	16.79	17.5
		1	74	16.15	16.82	16.45	17.5
		36	0	16.42	16.42	16.38	17.5
		36	18	16.32	16.37	16.32	17.5
		36	39	16.45	16.37	16.18	17.5
		75	0	16.42	16.31	16.4	17.5
	64QAM	1	0	16.22	16.19	16	17.5
		1	38	16.31	16.38	16.39	17.5
		1	74	16.54	16.32	16.23	17.5
		36	0	16.06	15.91	16.02	17.5
		36	18	15.88	15.94	16.02	17.5
		36	39	16.17	15.91	15.96	17.5
		75	0	15.99	16.04	15.95	17.5

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LTE Band 26 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	17.02	16.92	16.93	18
		1	2	16.13	17.22	16.13	18
		1	5	16.96	16.96	16.89	18
		3	0	17.05	16.95	16.87	18
		3	2	16.82	16.48	16.85	18
		3	3	16.93	16.71	16.87	18
		6	0	16.61	16.62	16.75	18
	16QAM	1	0	17.46	17.24	17.11	18
		1	2	17.52	17.18	17.04	18
		1	5	17.11	17.26	17.23	18
		3	0	17.07	16.67	16.95	18
		3	2	16.39	16.84	17.2	18
		3	3	16.71	16.94	16.54	18
		6	0	16.85	16.8	16.63	18
	64QAM	1	0	16.64	16.58	16.44	18
		1	2	16.78	16.85	16.85	18
		1	5	16.99	16.73	16.71	18
		3	0	16.52	16.39	16.41	18
		3	2	16.37	16.38	16.42	18
		3	3	16.64	16.39	16.45	18
		6	0	16.43	16.48	16.43	18

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	16.95	16.89	16.9	18
		1	7	16.61	16.65	16.16	18
		1	14	17.01	16.92	16.87	18
		8	0	17.07	16.48	16.77	18
		8	4	16.85	16.88	16.98	18
		8	7	17.01	16.79	16.6	18
		15	0	17.1	16.86	16.82	18
	16QAM	1	0	17.52	16.89	17.1	18
		1	7	16.38	17.03	17.05	18
		1	14	17.28	17.1	17.16	18
		8	0	16.93	16.88	16.68	18
		8	4	17.05	16.89	16.78	18
		8	7	17.06	16.91	16.85	18
		15	0	16.75	16.82	16.76	18
	64QAM	1	0	16.71	16.59	16.48	18
		1	7	16.74	16.79	16.84	18
		1	14	17.07	16.77	16.62	18
		8	0	16.51	16.42	16.45	18
		8	4	16.32	16.41	16.41	18
		8	7	16.63	16.42	16.44	18
		15	0	16.41	16.43	16.37	18
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	16.99	16.97	16.88	18
		1	13	16.97	16.95	16.82	18
		1	24	16.91	16.84	16.83	18
		12	0	17.09	16.92	16.82	18
		12	6	17.04	17	16.76	18
		12	13	17.07	16.95	16.8	18
		25	0	17.02	16.81	16.74	18
	16QAM	1	0	17.45	17.56	17.43	18
		1	13	17.32	17.23	16.78	18
		1	24	17.42	17.2	17.19	18
		12	0	17.15	16.81	16.74	18
		12	6	17.04	16.81	16.75	18
		12	13	16.95	16.98	16.88	18
		25	0	16.97	16.75	16.77	18
	64QAM	1	0	16.66	16.62	16.43	18
		1	13	16.78	16.82	16.89	18
		1	24	17.01	16.78	16.64	18
		12	0	16.5	16.33	16.5	18
		12	6	16.32	16.43	16.45	18
		12	13	16.67	16.37	16.47	18
		25	0	16.43	16.38	16.39	18

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	16.91	17.02	16.86	18
		1	25	16.44	16.65	16.63	18
		1	49	17.05	16.82	16.78	18
		25	0	17.01	16.9	16.8	18
		25	13	16.91	16.88	16.91	18
		25	25	16.99	16.87	16.78	18
		50	0	17.03	16.92	16.85	18
	16QAM	1	0	17.54	17.41	16.95	18
		1	25	17.55	17.62	17.04	18
		1	49	17.25	17.25	17.48	18
		25	0	16.98	16.8	16.66	18
		25	13	16.9	16.77	16.85	18
		25	25	16.89	16.82	16.77	18
		50	0	16.88	16.92	16.75	18
	64QAM	1	0	16.67	16.64	16.44	18
		1	25	16.78	16.79	16.86	18
		1	49	17.07	16.8	16.69	18
		25	0	16.54	16.36	16.43	18
		25	13	16.37	16.43	16.45	18
		25	25	16.64	16.39	16.38	18
		50	0	16.44	16.39	16.44	18
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	16.83	16.87	16.94	18
		1	38	17.04	17	16.73	18
		1	74	16.96	16.75	16.81	18
		36	0	17.06	17.03	16.93	18
		36	18	16.9	17.04	16.87	18
		36	39	16.92	16.95	16.89	18
		75	0	16.93	17.01	16.96	18
	16QAM	1	0	17.27	17.35	17.41	18
		1	38	17.34	17.06	16.55	18
		1	74	17.13	16.68	17.29	18
		36	0	16.93	16.91	16.98	18
		36	18	16.95	16.99	16.74	18
		36	39	16.84	16.87	16.76	18
		75	0	16.96	16.9	16.72	18
	64QAM	1	0	16.69	16.58	16.49	18
		1	38	16.74	16.82	16.82	18
		1	74	17.03	16.79	16.7	18
		36	0	16.55	16.41	16.48	18
		36	18	16.31	16.38	16.39	18
		36	39	16.64	16.39	16.48	18
		75	0	16.37	16.46	16.4	18

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LTE Band 26 Receiver off (body or limbs) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	21.13	20.96	20.87	22
		1	2	20.5	20.13	20.25	22
		1	5	21.11	20.98	20.84	22
		3	0	20.91	20.95	20.87	22
		3	2	21.28	21.07	20.97	22
		3	3	21.07	20.89	20.84	22
		6	0	20.88	20.88	20.35	22
	16QAM	1	0	21.3	21.25	21.41	22
		1	2	21.57	21.12	20.27	22
		1	5	21.64	21.24	21.11	22
		3	0	21.06	21.27	20.68	22
		3	2	21.1	20.66	20.74	22
		3	3	21.2	21.16	20.78	22
		6	0	20.47	20.34	20.24	22
	64QAM	1	0	20.61	20.49	20.43	22
		1	2	20.63	20.81	20.76	22
		1	5	20.98	20.7	20.67	22
		3	0	20.61	20.49	20.43	22
		3	2	20.63	20.81	20.76	22
		3	3	20.98	20.7	20.67	22
		6	0	19.41	19.4	19.35	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	21.02	20.96	20.85	22
		1	7	20.55	20.55	20.27	22
		1	14	21.08	20.95	20.84	22
		8	0	20.93	20.89	20.69	22
		8	4	20.96	20.65	20.64	22
		8	7	20.75	20.8	20.9	22
		15	0	21.06	20.81	20.85	22
	16QAM	1	0	21.27	21.24	21.16	22
		1	7	20.34	21.11	20.56	22
		1	14	21.35	21.37	21.11	22
		8	0	20.42	20.27	20.22	22
		8	4	20.59	20.59	19.67	22
		8	7	20.35	20.4	20.41	22
		15	0	20.28	20.41	20.38	22
	64QAM	1	0	20.66	20.47	20.46	22
		1	7	20.65	20.75	20.79	22
		1	14	21.01	20.76	20.68	22
		8	0	19.47	19.38	19.36	21
		8	4	19.29	19.36	19.33	21
		8	7	19.56	19.31	19.43	21
		15	0	19.36	19.34	19.31	21
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	21.1	20.99	20.88	22
		1	13	20.99	20.93	20.85	22
		1	24	20.95	20.95	20.73	22
		12	0	21.11	20.91	20.9	22
		12	6	21.02	20.95	20.82	22
		12	13	21.06	21.01	20.85	22
		25	0	21.02	21.01	20.81	22
	16QAM	1	0	21.32	21.38	20.91	22
		1	13	21.44	21.1	21.24	22
		1	24	21.31	21.18	20.61	22
		12	0	20.47	20.58	20.38	22
		12	6	20.43	20.35	20.3	22
		12	13	20.44	20.34	20.27	22
		25	0	20.5	20.44	20.26	22
	64QAM	1	0	20.64	20.57	20.49	22
		1	13	20.67	20.76	20.78	22
		1	24	21	20.73	20.67	22
		12	0	19.43	19.35	19.33	21
		12	6	19.29	19.41	19.33	21
		12	13	19.55	19.38	19.42	21
		25	0	19.34	19.42	19.35	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.91	21.04	21.01	22
		1	25	20.66	20.9	20.55	22
		1	49	20.99	20.9	20.77	22
		25	0	21	20.92	20.85	22
		25	13	20.97	20.98	20.81	22
		25	25	20.99	20.86	20.86	22
		50	0	21.05	21.01	20.86	22
	16QAM	1	0	20.93	21.08	20.74	22
		1	25	21.08	20.99	21.01	22
		1	49	21.54	21.51	21.25	22
		25	0	20.54	20.48	20.3	22
		25	13	20.56	20.32	20.36	22
		25	25	20.41	20.45	20.38	22
		50	0	20.39	20.25	20.42	22
	64QAM	1	0	20.62	20.57	20.47	22
		1	25	20.63	20.72	20.72	22
		1	49	20.94	20.71	20.63	22
		25	0	19.39	19.35	19.36	21
		25	13	19.2	19.3	19.3	21
		25	25	19.51	19.34	19.37	21
		50	0	19.33	19.38	19.27	21

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	20.93	20.94	20.88	22
		1	38	20.94	20.95	20.84	22
		1	74	20.86	20.81	20.72	22
		36	0	21.11	21.06	20.99	22
		36	18	21.04	21.02	20.94	22
		36	39	21.03	20.95	20.92	22
		75	0	21.05	21.01	20.99	22
	16QAM	1	0	21.42	21.4	21.32	22
		1	38	21.11	21.23	21.34	22
		1	74	21.18	21.14	21.21	22
		36	0	20.54	20.48	20.5	22
		36	18	20.56	20.55	20.35	22
		36	39	20.54	20.45	20.32	22
		75	0	20.39	20.49	20.39	22
	64QAM	1	0	20.67	20.54	20.44	22
		1	38	20.68	20.79	20.78	22
		1	74	21.02	20.74	20.65	22
		36	0	19.46	19.37	19.44	21
		36	18	19.2	19.32	19.29	21
		36	39	19.56	19.42	19.43	21
		75	0	19.34	19.33	19.32	21

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LTE Band 26 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	15.53	15.4	15.3	16.5
		1	2	15.74	15.16	15.48	16.5
		1	5	15.44	15.48	15.4	16.5
		3	0	15.42	15.11	15.27	16.5
		3	2	15.72	15.42	15.08	16.5
		3	3	15.28	15.43	15.19	16.5
		6	0	15.48	15.31	15.02	16.5
	16QAM	1	0	15.9	15.75	15.71	16.5
		1	2	15.68	15.42	15.61	16.5
		1	5	16	15.76	15.13	16.5
		3	0	15.57	15.42	15.26	16.5
		3	2	15.8	15.39	15.15	16.5
		3	3	15.33	15.39	15.47	16.5
		6	0	15.39	15.34	15.24	16.5
	64QAM	1	0	15.28	15.13	15.07	16.5
		1	2	15.33	15.41	15.32	16.5
		1	5	15.54	15.32	15.24	16.5
		3	0	15.05	14.92	15.03	16.5
		3	2	14.79	14.95	14.88	16.5
		3	3	15.13	14.92	14.97	16.5
		6	0	14.91	15	14.95	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	15.5	15.44	15.34	16.5
		1	7	14.85	14.24	15.05	16.5
		1	14	15.47	15.45	15.34	16.5
		8	0	15.35	15.25	15.31	16.5
		8	4	15.26	14.92	15.36	16.5
		8	7	15.58	15.28	14.94	16.5
		15	0	15.53	15.48	15.36	16.5
	16QAM	1	0	15.72	15.89	15.7	16.5
		1	7	15.12	15.3	15.62	16.5
		1	14	15.38	15.68	15.73	16.5
		8	0	15.54	15.36	14.98	16.5
		8	4	15.47	15.39	15.4	16.5
		8	7	15.26	15.26	15.36	16.5
		15	0	15.47	15.42	15.14	16.5
	64QAM	1	0	15.25	15.12	15.05	16.5
		1	7	15.3	15.36	15.33	16.5
		1	14	15.57	15.39	15.19	16.5
		8	0	15.08	14.91	14.97	16.5
		8	4	14.83	14.97	14.91	16.5
		8	7	15.13	14.91	14.98	16.5
		15	0	14.89	14.98	14.99	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	15.49	15.46	15.33	16.5
		1	13	15.6	15.44	15.35	16.5
		1	24	15.5	15.38	15.33	16.5
		12	0	15.57	15.51	15.41	16.5
		12	6	15.12	15.57	14.92	16.5
		12	13	15.5	15.51	15.27	16.5
		25	0	15.57	15.38	15.24	16.5
	16QAM	1	0	15.99	15.74	15.82	16.5
		1	13	15.96	15.29	15.69	16.5
		1	24	15.25	15.8	15.59	16.5
		12	0	15.52	15.53	15.36	16.5
		12	6	15.55	15.4	15.12	16.5
		12	13	15.62	15.28	15.39	16.5
		25	0	15.36	15.48	15.26	16.5
	64QAM	1	0	15.29	15.1	15.01	16.5
		1	13	15.26	15.31	15.37	16.5
		1	24	15.63	15.37	15.25	16.5
		12	0	15.14	14.97	15	16.5
		12	6	14.87	14.93	14.94	16.5
		12	13	15.23	14.89	15	16.5
		25	0	14.91	14.98	14.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	15.5	15.47	15.39	16.5
		1	25	15.22	15.77	15.24	16.5
		1	49	15.42	15.36	15.38	16.5
		25	0	15.55	15.47	15.34	16.5
		25	13	15.47	15.44	15.34	16.5
		25	25	15.44	15.29	15.35	16.5
		50	0	15.56	15.47	15.39	16.5
	16QAM	1	0	15.3	15.9	15.66	16.5
		1	25	15.85	15.78	15.32	16.5
		1	49	15.72	15.67	15.6	16.5
		25	0	15.4	15.44	15.35	16.5
		25	13	15.35	15.41	15.39	16.5
		25	25	15.33	15.22	15.17	16.5
		50	0	15.4	15.41	15.3	16.5
	64QAM	1	0	15.17	15.11	15.03	16.5
		1	25	15.29	15.32	15.39	16.5
		1	49	15.53	15.29	15.22	16.5
		25	0	15.12	14.95	15.01	16.5
		25	13	14.79	14.93	14.98	16.5
		25	25	15.23	14.87	14.98	16.5
		50	0	14.87	14.95	14.98	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.51	15.38	15.37	16.5
		1	38	15.61	15.46	15.38	16.5
		1	74	15.4	15.35	15.33	16.5
		36	0	15.53	15.51	15.43	16.5
		36	18	15.55	15.5	15.35	16.5
		36	39	15.47	15.42	15.41	16.5
		75	0	15.46	15.47	15.46	16.5
	16QAM	1	0	15.86	15.81	15.46	16.5
		1	38	15.46	15.89	15.65	16.5
		1	74	15.34	15.68	15.47	16.5
		36	0	15.59	15.45	15.46	16.5
		36	18	15.46	15.46	15.37	16.5
		36	39	15.39	15.44	15.32	16.5
		75	0	15.39	15.4	15.32	16.5
	64QAM	1	0	15.2	15.12	15.09	16.5
		1	38	15.34	15.34	15.31	16.5
		1	74	15.54	15.28	15.21	16.5
		36	0	15.08	14.9	14.99	16.5
		36	18	14.85	14.92	14.97	16.5
		36	39	15.15	14.88	14.99	16.5
		75	0	14.9	14.95	14.94	16.5

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LTE Band 26 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	16.05	15.93	15.77	17
		1	2	16.18	15.62	15.98	17
		1	5	15.95	15.98	15.83	17
		3	0	15.78	15.94	15.94	17
		3	2	16.08	15.6	14.67	17
		3	3	16.02	15.85	15.87	17
		6	0	16.01	16.03	15.53	17
	16QAM	1	0	16.18	15.98	15.55	17
		1	2	16.36	16.35	15.83	17
		1	5	16.27	15.94	16.37	17
		3	0	16.17	15.82	15.89	17
		3	2	16.2	16	15.7	17
		3	3	16.3	15.92	15.71	17
		6	0	16.33	15.92	15.92	17
	64QAM	1	0	16.06	15.85	15.38	17
		1	2	16.19	16.16	15.82	17
		1	5	16.15	15.83	16.34	17
		3	0	16	15.67	15.79	17
		3	2	16	15.87	15.64	17
		3	3	16.15	15.89	15.63	17
		6	0	16.18	15.78	15.76	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	16.04	15.92	15.85	17
		1	7	15.57	15.71	15.69	17
		1	14	15.97	15.9	15.79	17
		8	0	15.88	16.07	15.79	17
		8	4	15.88	16.02	15.68	17
		8	7	15.81	15.95	15.83	17
		15	0	15.98	15.92	15.94	17
	16QAM	1	0	16.66	15.78	16.19	17
		1	7	15.51	15.99	15.58	17
		1	14	16.37	16.08	16.13	17
		8	0	15.92	15.78	15.6	17
		8	4	16.05	15.89	15.69	17
		8	7	16.01	15.88	15.74	17
		15	0	15.86	15.93	15.66	17
	64QAM	1	0	15.99	15.9	15.36	17
		1	7	16.27	16.33	15.69	17
		1	14	16.08	15.94	16.28	17
		8	0	16.06	15.67	15.77	17
		8	4	16.08	15.84	15.64	17
		8	7	16.17	15.76	15.7	17
		15	0	16.27	15.85	15.8	17
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	16.07	15.98	15.84	17
		1	13	16.03	15.97	15.8	17
		1	24	15.94	15.96	15.85	17
		12	0	15.99	15.94	15.84	17
		12	6	15.95	16.03	15.91	17
		12	13	16.07	15.96	15.9	17
		25	0	15.93	15.84	15.88	17
	16QAM	1	0	15.95	16.39	16.19	17
		1	13	16.62	15.89	16.01	17
		1	24	16.4	15.93	16.12	17
		12	0	15.93	15.93	15.91	17
		12	6	15.87	15.84	15.78	17
		12	13	15.98	16	15.91	17
		25	0	15.84	15.84	15.75	17
	64QAM	1	0	16.07	15.94	15.51	17
		1	13	16.26	16.2	15.73	17
		1	24	16.23	15.79	16.36	17
		12	0	16.14	15.71	15.82	17
		12	6	16.2	15.96	15.69	17
		12	13	16.16	15.91	15.61	17
		25	0	16.31	15.73	15.89	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	16.03	15.99	15.93	17
		1	25	16.14	15.4	16.22	17
		1	49	15.86	15.86	15.85	17
		25	0	16.03	15.98	15.85	17
		25	13	16.01	15.96	15.84	17
		25	25	15.96	15.94	15.75	17
		50	0	15.93	15.96	15.89	17
	16QAM	1	0	16.29	15.79	16.06	17
		1	25	16.52	15.95	15.76	17
		1	49	16.17	16.04	16.15	17
		25	0	15.95	15.86	15.77	17
		25	13	15.9	15.84	15.87	17
		25	25	15.84	15.84	15.72	17
		50	0	15.96	15.92	15.82	17
	64QAM	1	0	16.16	15.9	15.48	17
		1	25	16.2	16.29	15.82	17
		1	49	16.23	15.82	16.18	17
		25	0	16.09	15.63	15.71	17
		25	13	16.09	15.96	15.52	17
		25	25	16.27	15.91	15.66	17
		50	0	16.14	15.8	15.86	17
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.84	15.93	15.91	17
		1	38	15.87	15.82	15.81	17
		1	74	15.83	15.89	15.78	17
		36	0	15.96	16	15.94	17
		36	18	15.94	15.98	15.86	17
		36	39	15.98	15.9	15.79	17
		75	0	15.97	15.95	15.84	17
	16QAM	1	0	15.73	16.26	16.1	17
		1	38	15.82	16.12	16.27	17
		1	74	16.1	16.29	15.55	17
		36	0	15.93	15.9	15.78	17
		36	18	15.78	15.89	15.86	17
		36	39	15.84	15.77	15.77	17
		75	0	15.82	15.85	15.71	17
	64QAM	1	0	16.15	15.97	15.46	17
		1	38	16.22	16.18	15.77	17
		1	74	16.27	15.93	16.34	17
		36	0	16.11	15.7	15.75	17
		36	18	16.05	15.88	15.55	17
		36	39	16.27	15.84	15.54	17
		75	0	16.33	15.8	15.76	17

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LTE Band 26 Receiver off（body or limbs）+ WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	20.07	19.87	19.96	21
		1	2	20.22	20.23	18.88	21
		1	5	20.06	19.94	19.8	21
		3	0	20	19.64	19.6	21
		3	2	19.89	19.7	19.93	21
		3	3	20.03	19.75	19.81	21
		6	0	19.99	19.78	19.52	21
	16QAM	1	0	20.28	20.26	19.98	21
		1	2	20.05	19.88	19.71	21
		1	5	20.16	20.24	20.08	21
		3	0	20.25	19.85	19.59	21
		3	2	20.16	19.95	19.41	21
		3	3	19.86	19.82	19.71	21
		6	0	19.94	19.83	19.83	21
	64QAM	1	0	20.09	19.91	19.42	21
		1	2	20.13	20.08	19.73	21
		1	5	20.16	19.9	20.33	21
		3	0	20.04	19.65	19.64	21
		3	2	20	19.81	19.51	21
		3	3	20.23	19.79	19.48	21
		6	0	20.31	19.74	19.72	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	19.94	19.8	19.73	21
		1	7	20.46	19.52	19.62	21
		1	14	20.02	19.9	19.68	21
		8	0	20.08	20	19.7	21
		8	4	20.03	19.99	19.67	21
		8	7	19.99	19.98	19.6	21
		15	0	19.97	19.83	19.77	21
	16QAM	1	0	19.6	20.22	20.21	21
		1	7	19.87	20.37	19.01	21
		1	14	20.1	20.45	20.28	21
		8	0	20.02	19.92	19.47	21
		8	4	19.96	19.94	19.87	21
		8	7	19.91	20.06	19.78	21
		15	0	19.85	19.87	19.88	21
	64QAM	1	0	20.05	19.96	19.37	21
		1	7	20.15	20.1	19.68	21
		1	14	20.2	19.82	20.24	21
		8	0	20.1	19.7	19.74	21
		8	4	19.97	19.84	19.51	21
		8	7	20.19	19.81	19.51	21
		15	0	20.24	19.78	19.66	21
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	20.05	19.9	19.72	21
		1	13	20.08	20.01	19.78	21
		1	24	20.08	19.87	19.76	21
		12	0	20.09	19.98	19.83	21
		12	6	20.02	19.89	19.76	21
		12	13	20.02	19.97	19.91	21
		25	0	19.96	19.95	19.87	21
	16QAM	1	0	20.27	20.32	20.2	21
		1	13	20.16	20.3	20.27	21
		1	24	20.21	20.12	20.03	21
		12	0	20.07	19.94	19.87	21
		12	6	20.16	19.9	19.87	21
		12	13	20.08	19.89	19.92	21
		25	0	20.03	19.78	19.83	21
	64QAM	1	0	20.12	19.95	19.41	21
		1	13	20.1	20.12	19.77	21
		1	24	20.17	19.92	20.25	21
		12	0	20.06	19.68	19.64	21
		12	6	20.01	19.81	19.54	21
		12	13	20.22	19.79	19.43	21
		25	0	20.32	19.78	19.68	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.11	19.96	19.92	21
		1	25	20.11	19.74	20.09	21
		1	49	19.95	19.88	19.83	21
		25	0	20.02	20	19.83	21
		25	13	19.98	20.01	19.76	21
		25	25	19.95	19.96	19.84	21
		50	0	20.03	20	19.93	21
	16QAM	1	0	19.98	20.15	19.9	21
		1	25	20.53	19.54	19	21
		1	49	20.18	20.18	20.07	21
		25	0	20.08	19.79	19.73	21
		25	13	19.82	19.92	19.83	21
		25	25	19.88	19.91	19.76	21
		50	0	19.93	19.93	19.73	21
	64QAM	1	0	20.15	19.89	19.4	21
		1	25	20.21	20.14	19.73	21
		1	49	20.18	19.83	20.31	21
		25	0	20.1	19.67	19.72	21
		25	13	20.02	19.82	19.53	21
		25	25	20.18	19.76	19.54	21
		50	0	20.31	19.71	19.7	21
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	19.86	19.8	19.88	21
		1	38	19.89	19.97	19.91	21
		1	74	19.84	19.89	19.75	21
		36	0	19.97	20.04	19.94	21
		36	18	19.96	20.06	19.76	21
		36	39	19.93	19.93	19.87	21
		75	0	19.95	19.87	19.94	21
	16QAM	1	0	20.37	20.2	20.13	21
		1	38	20.09	20.13	20.21	21
		1	74	20.29	19.95	20.18	21
		36	0	20.01	19.91	19.83	21
		36	18	19.87	19.95	19.78	21
		36	39	20.08	19.85	19.74	21
		75	0	19.95	19.9	19.82	21
	64QAM	1	0	20.05	19.87	19.46	21
		1	38	20.2	20.09	19.68	21
		1	74	20.17	19.83	20.32	21
		36	0	20	19.65	19.69	21
		36	18	19.94	19.83	19.46	21
		36	39	20.17	19.73	19.43	21
		75	0	20.25	19.76	19.69	21

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LTE Band 26 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	13.49	13.48	13.25	14.5
		1	2	13.72	13.25	12.87	14.5
		1	5	13.51	13.49	13.39	14.5
		3	0	13.47	13.06	13.45	14.5
		3	2	13.39	13.13	13.25	14.5
		3	3	13.53	12.99	13.49	14.5
		6	0	13.66	13.29	12.85	14.5
	16QAM	1	0	13.72	13.71	13.54	14.5
		1	2	13.59	13.47	13.42	14.5
		1	5	13.27	13.8	13.46	14.5
		3	0	13.42	13.57	13.18	14.5
		3	2	13.44	13.28	13.14	14.5
		3	3	13.66	13.23	13.17	14.5
		6	0	13.56	13.32	13.22	14.5
	64QAM	1	0	13.48	13.36	12.86	14.5
		1	2	13.56	13.5	13.18	14.5
		1	5	13.61	13.38	13.8	14.5
		3	0	13.43	13.13	13.08	14.5
		3	2	13.43	13.27	12.95	14.5
		3	3	13.68	13.18	12.9	14.5
		6	0	13.79	13.16	13.13	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.48	13.38	13.3	14.5
		1	7	12.81	13.53	12.83	14.5
		1	14	13.47	13.43	13.36	14.5
		8	0	13.36	13.48	13.32	14.5
		8	4	13.47	13.2	13.31	14.5
		8	7	13.45	13.3	13.17	14.5
		15	0	13.63	13.39	13.35	14.5
	16QAM	1	0	13.33	13.7	13.3	14.5
		1	7	13.19	13.66	12.97	14.5
		1	14	13.95	13.49	13.55	14.5
		8	0	13.57	13.47	13.12	14.5
		8	4	13.46	13.3	13.04	14.5
		8	7	13.4	13.4	12.95	14.5
		15	0	13.49	13.35	13.22	14.5
	64QAM	1	0	13.55	13.35	12.84	14.5
		1	7	13.57	13.54	13.17	14.5
		1	14	13.61	13.38	13.77	14.5
		8	0	13.44	13.06	13.05	14.5
		8	4	13.49	13.19	12.95	14.5
		8	7	13.67	13.22	12.88	14.5
		15	0	13.74	13.17	13.17	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.63	13.51	13.31	14.5
		1	13	13.4	13.41	13.3	14.5
		1	24	13.49	13.33	13.3	14.5
		12	0	13.52	13.41	13.35	14.5
		12	6	13.49	13.33	13.18	14.5
		12	13	13.49	13.42	13.37	14.5
		25	0	13.42	13.42	13.41	14.5
	16QAM	1	0	13.57	13.68	13.8	14.5
		1	13	13.93	13.13	13.17	14.5
		1	24	13.75	13.7	13.7	14.5
		12	0	13.32	13.23	13.27	14.5
		12	6	13.5	13.3	13.28	14.5
		12	13	13.45	13.37	13.31	14.5
		25	0	13.37	13.31	13.23	14.5
	64QAM	1	0	13.54	13.3	12.84	14.5
		1	13	13.61	13.47	13.21	14.5
		1	24	13.59	13.39	13.73	14.5
		12	0	13.48	13.14	13.06	14.5
		12	6	13.45	13.31	12.97	14.5
		12	13	13.69	13.18	12.95	14.5
		25	0	13.76	13.21	13.17	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.34	13.42	13.32	14.5
		1	25	13.58	13.42	13.1	14.5
		1	49	13.4	13.44	13.24	14.5
		25	0	13.48	13.46	13.37	14.5
		25	13	13.41	13.43	13.36	14.5
		25	25	13.39	13.31	13.39	14.5
		50	0	13.47	13.46	13.31	14.5
	16QAM	1	0	13.72	13.96	13.36	14.5
		1	25	13.69	12.92	12.97	14.5
		1	49	13.79	13.69	13.53	14.5
		25	0	13.36	13.25	13.19	14.5
		25	13	13.33	13.39	13.17	14.5
		25	25	13.34	13.38	13.29	14.5
		50	0	13.38	13.34	13.3	14.5
	64QAM	1	0	13.55	13.37	12.85	14.5
		1	25	13.61	13.56	13.15	14.5
		1	49	13.58	13.29	13.73	14.5
		25	0	13.46	13.06	13.03	14.5
		25	13	13.39	13.24	12.99	14.5
		25	25	13.69	13.18	12.89	14.5
		50	0	13.76	13.21	13.2	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.44	13.37	13.35	14.5
		1	38	13.33	13.41	13.34	14.5
		1	74	13.39	13.34	13.24	14.5
		36	0	13.45	13.43	13.34	14.5
		36	18	13.44	13.43	13.36	14.5
		36	39	13.46	13.35	13.33	14.5
		75	0	13.48	13.41	13.37	14.5
	16QAM	1	0	13.49	13.48	13.46	14.5
		1	38	13.2	13.7	13.67	14.5
		1	74	13.18	13.75	13.53	14.5
		36	0	13.51	13.36	13.37	14.5
		36	18	13.34	13.44	13.26	14.5
		36	39	13.36	13.39	13.32	14.5
		75	0	13.35	13.32	13.22	14.5
	64QAM	1	0	13.5	13.35	12.91	14.5
		1	38	13.53	13.52	13.12	14.5
		1	74	13.59	13.4	13.75	14.5
		36	0	13.54	13.1	13.05	14.5
		36	18	13.43	13.2	13	14.5
		36	39	13.63	13.25	12.93	14.5
		75	0	13.8	13.15	13.21	14.5

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LTE Band 26 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	14.08	13.95	13.92	15
		1	2	13.53	14.19	13.56	15
		1	5	14	14.02	13.93	15
		3	0	14.11	13.99	13.9	15
		3	2	13.38	13.59	13.36	15
		3	3	13.83	13.77	13.86	15
		6	0	13.98	13.51	13.73	15
	16QAM	1	0	14.49	14.22	13.78	15
		1	2	14.44	13.59	14.05	15
		1	5	13.94	14.33	14.29	15
		3	0	13.76	13.8	13.89	15
		3	2	13.9	13.63	13.73	15
		3	3	14.27	14.1	13.77	15
		6	0	13.83	13.78	13.77	15
	64QAM	1	0	13.9	13.75	13.32	15
		1	2	14	13.93	13.55	15
		1	5	14.08	13.85	14.17	15
		3	0	14.02	13.59	13.51	15
		3	2	13.9	13.66	13.46	15
		3	3	14.05	13.7	13.33	15
		6	0	14.27	13.61	13.63	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	14.04	13.9	13.81	15
		1	7	14.7	13.73	13.62	15
		1	14	14.05	13.9	13.73	15
		8	0	13.85	13.84	13.66	15
		8	4	13.89	13.74	13.66	15
		8	7	13.83	13.6	13.92	15
		15	0	13.91	13.88	13.69	15
	16QAM	1	0	14.23	14	14.01	15
		1	7	13.12	14.08	13.4	15
		1	14	14.41	14.34	14.03	15
		8	0	14	13.72	13.76	15
		8	4	13.87	13.87	13.73	15
		8	7	14.02	13.89	13.72	15
		15	0	13.93	13.7	13.77	15
	64QAM	1	0	13.94	13.81	13.38	15
		1	7	14.02	13.95	13.53	15
		1	14	14.06	13.86	14.17	15
		8	0	14.02	13.6	13.53	15
		8	4	13.93	13.64	13.45	15
		8	7	14.1	13.71	13.39	15
		15	0	14.29	13.61	13.69	15

Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.94	13.93	13.94	15
		1	13	13.95	13.78	13.8	15
		1	24	14.03	13.87	13.71	15
		12	0	14.07	13.96	13.9	15
		12	6	14.05	13.93	13.83	15
		12	13	14.03	13.85	13.92	15
		25	0	13.96	13.85	13.74	15
	16QAM	1	0	14.02	14.05	14.07	15
		1	13	14.33	14.21	14.01	15
		1	24	13.92	13.89	13.89	15
		12	0	14	13.89	13.73	15
		12	6	13.98	13.87	13.68	15
		12	13	13.98	13.83	13.85	15
		25	0	13.86	13.89	13.81	15
	64QAM	1	0	13.91	13.79	13.33	15
		1	13	13.98	13.96	13.55	15
		1	24	14.07	13.88	14.21	15
		12	0	13.95	13.57	13.48	15
		12	6	13.86	13.66	13.41	15
		12	13	14.05	13.74	13.39	15
		25	0	14.22	13.55	13.7	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.99	13.88	13.87	15
		1	25	13.89	13.79	13.41	15
		1	49	13.88	13.78	13.82	15
		25	0	14.03	13.86	13.89	15
		25	13	13.94	13.97	13.87	15
		25	25	13.98	13.86	13.9	15
		50	0	14	14	13.82	15
	16QAM	1	0	14.37	13.99	13.99	15
		1	25	14.09	13.89	13.98	15
		1	49	14.06	13.86	14.02	15
		25	0	13.92	13.94	13.77	15
		25	13	13.96	13.91	13.83	15
		25	25	13.79	13.77	13.81	15
		50	0	13.88	13.79	13.71	15
	64QAM	1	0	13.91	13.77	13.38	15
		1	25	13.97	13.97	13.56	15
		1	49	14.02	13.83	14.16	15
		25	0	14	13.55	13.54	15
		25	13	13.85	13.62	13.47	15
		25	25	14.09	13.7	13.43	15
		50	0	14.24	13.58	13.7	15

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.91	13.91	13.9	15
		1	38	13.86	13.88	13.77	15
		1	74	13.78	13.78	13.8	15
		36	0	13.98	13.9	13.87	15
		36	18	13.96	14.02	13.92	15
		36	39	13.87	13.93	13.86	15
		75	0	13.86	13.98	13.8	15
	16QAM	1	0	13.95	13.7	13.91	15
		1	38	14.14	14.34	13.87	15
		1	74	14.03	13.65	14.24	15
		36	0	13.97	13.87	13.8	15
		36	18	13.86	13.73	13.84	15
		36	39	13.9	13.84	13.76	15
		75	0	13.88	13.87	13.8	15
	64QAM	1	0	13.93	13.84	13.4	15
		1	38	13.98	13.99	13.55	15
		1	74	14	13.89	14.17	15
		36	0	14.02	13.55	13.52	15
		36	18	13.89	13.64	13.5	15
		36	39	14.06	13.66	13.35	15
		75	0	14.28	13.58	13.68	15

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LTE Band 26 Receiver off（body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	17.92	17.9	17.9	19
		1	2	17.86	16.85	16.79	19
		1	5	18.06	17.9	17.82	19
		3	0	17.73	17.87	17.69	19
		3	2	17.75	17.63	17.52	19
		3	3	17.74	17.7	17.47	19
		6	0	18.13	17.75	17.89	19
	16QAM	1	0	18.46	18.07	18.3	19
		1	2	18.1	18.31	17.13	19
		1	5	18.22	18.15	18.05	19
		3	0	17.78	17.83	17.43	19
		3	2	17.57	17.55	17.48	19
		3	3	17.93	17.85	17.66	19
		6	0	17.94	17.92	18.05	19
	64QAM	1	0	17.79	17.69	17.26	19
		1	2	17.89	17.86	17.48	19
		1	5	18.03	17.74	18.14	19
		3	0	17.96	17.56	17.44	19
		3	2	17.84	17.61	17.39	19
		3	3	18	17.68	17.25	19
		6	0	18.21	17.53	17.6	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.04	17.96	17.84	19
		1	7	17.51	17.75	17.31	19
		1	14	17.9	17.98	17.75	19
		8	0	17.97	17.95	17.73	19
		8	4	17.71	17.98	17.83	19
		8	7	18.03	17.86	17.82	19
		15	0	17.98	17.97	17.71	19
	16QAM	1	0	18.27	18.32	17.99	19
		1	7	18.15	18.09	17.72	19
		1	14	18.35	18.24	18.09	19
		8	0	17.8	17.96	17.93	19
		8	4	17.99	18	17.77	19
		8	7	17.84	17.88	17.75	19
		15	0	18.07	17.82	17.69	19
	64QAM	1	0	17.88	17.75	17.22	19
		1	7	17.92	17.84	17.55	19
		1	14	18.06	17.83	18.15	19
		8	0	17.97	17.48	17.5	19
		8	4	17.81	17.58	17.37	19
		8	7	17.97	17.67	17.27	19
		15	0	18.24	17.57	17.56	19
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	18.06	17.84	17.84	19
		1	13	17.95	17.93	17.89	19
		1	24	18.02	17.92	17.7	19
		12	0	18.08	17.96	17.82	19
		12	6	18.16	17.8	17.69	19
		12	13	18.01	18.05	17.85	19
		25	0	17.96	17.94	17.76	19
	16QAM	1	0	18.26	18.4	18.43	19
		1	13	17.63	17.95	18.31	19
		1	24	18.36	18.42	17.63	19
		12	0	18	17.99	17.79	19
		12	6	17.96	17.93	17.89	19
		12	13	18.15	17.93	17.88	19
		25	0	17.92	18.06	17.97	19
	64QAM	1	0	17.82	17.7	17.27	19
		1	13	17.97	17.85	17.48	19
		1	24	18	17.76	18.13	19
		12	0	17.95	17.48	17.51	19
		12	6	17.82	17.6	17.37	19
		12	13	17.99	17.64	17.22	19
		25	0	18.24	17.59	17.63	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	17.99	17.97	17.86	19
		1	25	17.65	17.39	17.31	19
		1	49	17.91	17.87	17.86	19
		25	0	18.08	17.93	17.81	19
		25	13	18.01	17.9	17.92	19
		25	25	17.94	17.85	17.95	19
		50	0	18.06	17.91	17.84	19
	16QAM	1	0	18.41	18.26	17.75	19
		1	25	18.01	17.83	17.59	19
		1	49	17.73	18.32	18.09	19
		25	0	18.06	17.89	17.85	19
		25	13	17.93	17.83	17.76	19
		25	25	17.87	17.91	17.87	19
		50	0	17.85	17.81	17.88	19
	64QAM	1	0	17.86	17.75	17.22	19
		1	25	17.91	17.91	17.49	19
		1	49	18.04	17.79	18.17	19
		25	0	17.99	17.57	17.44	19
		25	13	17.8	17.61	17.38	19
		25	25	18.04	17.68	17.32	19
		50	0	18.25	17.52	17.61	19
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	18.04	17.89	17.99	19
		1	38	18	17.94	17.91	19
		1	74	17.92	17.76	17.61	19
		36	0	18.05	17.97	17.95	19
		36	18	18.02	17.99	17.93	19
		36	39	18.01	17.87	17.93	19
		75	0	18.05	17.92	17.85	19
	16QAM	1	0	18.26	18.18	18.41	19
		1	38	18.23	18.28	18.22	19
		1	74	18.27	18.13	18.16	19
		36	0	17.98	18.02	17.8	19
		36	18	17.97	17.88	17.85	19
		36	39	17.94	17.87	17.79	19
		75	0	17.96	17.91	17.7	19
	64QAM	1	0	17.86	17.63	17.29	19
		1	38	17.89	17.87	17.49	19
		1	74	17.98	17.84	18.15	19
		36	0	17.99	17.49	17.51	19
		36	18	17.85	17.57	17.35	19
		36	39	18.03	17.67	17.22	19
		75	0	18.27	17.51	17.53	19

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LTE Band 26 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	13.49	13.48	13.25	14.5
		1	2	13.72	13.25	12.87	14.5
		1	5	13.51	13.49	13.39	14.5
		3	0	13.47	13.06	13.45	14.5
		3	2	13.39	13.13	13.25	14.5
		3	3	13.53	12.99	13.49	14.5
		6	0	13.66	13.29	12.85	14.5
	16QAM	1	0	13.72	13.71	13.54	14.5
		1	2	13.59	13.47	13.42	14.5
		1	5	13.27	13.8	13.46	14.5
		3	0	13.42	13.57	13.18	14.5
		3	2	13.44	13.28	13.14	14.5
		3	3	13.66	13.23	13.17	14.5
		6	0	13.56	13.32	13.22	14.5
	64QAM	1	0	13.48	13.36	12.86	14.5
		1	2	13.56	13.5	13.18	14.5
		1	5	13.61	13.38	13.8	14.5
		3	0	13.43	13.13	13.08	14.5
		3	2	13.43	13.27	12.95	14.5
		3	3	13.68	13.18	12.9	14.5
		6	0	13.79	13.16	13.13	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	13.48	13.38	13.3	14.5
		1	7	12.81	13.53	12.83	14.5
		1	14	13.47	13.43	13.36	14.5
		8	0	13.36	13.48	13.32	14.5
		8	4	13.47	13.2	13.31	14.5
		8	7	13.45	13.3	13.17	14.5
		15	0	13.63	13.39	13.35	14.5
	16QAM	1	0	13.33	13.7	13.3	14.5
		1	7	13.19	13.66	12.97	14.5
		1	14	13.95	13.49	13.55	14.5
		8	0	13.57	13.47	13.12	14.5
		8	4	13.46	13.3	13.04	14.5
		8	7	13.4	13.4	12.95	14.5
		15	0	13.49	13.35	13.22	14.5
	64QAM	1	0	13.55	13.35	12.84	14.5
		1	7	13.57	13.54	13.17	14.5
		1	14	13.61	13.38	13.77	14.5
		8	0	13.44	13.06	13.05	14.5
		8	4	13.49	13.19	12.95	14.5
		8	7	13.67	13.22	12.88	14.5
		15	0	13.74	13.17	13.17	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.63	13.51	13.31	14.5
		1	13	13.4	13.41	13.3	14.5
		1	24	13.49	13.33	13.3	14.5
		12	0	13.52	13.41	13.35	14.5
		12	6	13.49	13.33	13.18	14.5
		12	13	13.49	13.42	13.37	14.5
		25	0	13.42	13.42	13.41	14.5
	16QAM	1	0	13.57	13.68	13.8	14.5
		1	13	13.93	13.13	13.17	14.5
		1	24	13.75	13.7	13.7	14.5
		12	0	13.32	13.23	13.27	14.5
		12	6	13.5	13.3	13.28	14.5
		12	13	13.45	13.37	13.31	14.5
		25	0	13.37	13.31	13.23	14.5
	64QAM	1	0	13.54	13.3	12.84	14.5
		1	13	13.61	13.47	13.21	14.5
		1	24	13.59	13.39	13.73	14.5
		12	0	13.48	13.14	13.06	14.5
		12	6	13.45	13.31	12.97	14.5
		12	13	13.69	13.18	12.95	14.5
		25	0	13.76	13.21	13.17	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.34	13.42	13.32	14.5
		1	25	13.58	13.42	13.1	14.5
		1	49	13.4	13.44	13.24	14.5
		25	0	13.48	13.46	13.37	14.5
		25	13	13.41	13.43	13.36	14.5
		25	25	13.39	13.31	13.39	14.5
		50	0	13.47	13.46	13.31	14.5
	16QAM	1	0	13.72	13.96	13.36	14.5
		1	25	13.69	12.92	12.97	14.5
		1	49	13.79	13.69	13.53	14.5
		25	0	13.36	13.25	13.19	14.5
		25	13	13.33	13.39	13.17	14.5
		25	25	13.34	13.38	13.29	14.5
		50	0	13.38	13.34	13.3	14.5
	64QAM	1	0	13.55	13.37	12.85	14.5
		1	25	13.61	13.56	13.15	14.5
		1	49	13.58	13.29	13.73	14.5
		25	0	13.46	13.06	13.03	14.5
		25	13	13.39	13.24	12.99	14.5
		25	25	13.69	13.18	12.89	14.5
		50	0	13.76	13.21	13.2	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.44	13.37	13.35	14.5
		1	38	13.33	13.41	13.34	14.5
		1	74	13.39	13.34	13.24	14.5
		36	0	13.45	13.43	13.34	14.5
		36	18	13.44	13.43	13.36	14.5
		36	39	13.46	13.35	13.33	14.5
		75	0	13.48	13.41	13.37	14.5
	16QAM	1	0	13.49	13.48	13.46	14.5
		1	38	13.2	13.7	13.67	14.5
		1	74	13.18	13.75	13.53	14.5
		36	0	13.51	13.36	13.37	14.5
		36	18	13.34	13.44	13.26	14.5
		36	39	13.36	13.39	13.32	14.5
		75	0	13.35	13.32	13.22	14.5
	64QAM	1	0	13.5	13.35	12.91	14.5
		1	38	13.53	13.52	13.12	14.5
		1	74	13.59	13.4	13.75	14.5
		36	0	13.54	13.1	13.05	14.5
		36	18	13.43	13.2	13	14.5
		36	39	13.63	13.25	12.93	14.5
		75	0	13.8	13.15	13.21	14.5

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LTE Band 26 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	14.08	13.95	13.92	15
		1	2	13.53	14.19	13.56	15
		1	5	14	14.02	13.93	15
		3	0	14.11	13.99	13.9	15
		3	2	13.38	13.59	13.36	15
		3	3	13.83	13.77	13.86	15
		6	0	13.98	13.51	13.73	15
	16QAM	1	0	14.49	14.22	13.78	15
		1	2	14.44	13.59	14.05	15
		1	5	13.94	14.33	14.29	15
		3	0	13.76	13.8	13.89	15
		3	2	13.9	13.63	13.73	15
		3	3	14.27	14.1	13.77	15
		6	0	13.83	13.78	13.77	15
	64QAM	1	0	13.9	13.75	13.32	15
		1	2	14	13.93	13.55	15
		1	5	14.08	13.85	14.17	15
		3	0	14.02	13.59	13.51	15
		3	2	13.9	13.66	13.46	15
		3	3	14.05	13.7	13.33	15
		6	0	14.27	13.61	13.63	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	14.04	13.9	13.81	15
		1	7	14.7	13.73	13.62	15
		1	14	14.05	13.9	13.73	15
		8	0	13.85	13.84	13.66	15
		8	4	13.89	13.74	13.66	15
		8	7	13.83	13.6	13.92	15
		15	0	13.91	13.88	13.69	15
	16QAM	1	0	14.23	14	14.01	15
		1	7	13.12	14.08	13.4	15
		1	14	14.41	14.34	14.03	15
		8	0	14	13.72	13.76	15
		8	4	13.87	13.87	13.73	15
		8	7	14.02	13.89	13.72	15
		15	0	13.93	13.7	13.77	15
	64QAM	1	0	13.94	13.81	13.38	15
		1	7	14.02	13.95	13.53	15
		1	14	14.06	13.86	14.17	15
		8	0	14.02	13.6	13.53	15
		8	4	13.93	13.64	13.45	15
		8	7	14.1	13.71	13.39	15
		15	0	14.29	13.61	13.69	15
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	13.94	13.93	13.94	15
		1	13	13.95	13.78	13.8	15
		1	24	14.03	13.87	13.71	15
		12	0	14.07	13.96	13.9	15
		12	6	14.05	13.93	13.83	15
		12	13	14.03	13.85	13.92	15
		25	0	13.96	13.85	13.74	15
	16QAM	1	0	14.02	14.05	14.07	15
		1	13	14.33	14.21	14.01	15
		1	24	13.92	13.89	13.89	15
		12	0	14	13.89	13.73	15
		12	6	13.98	13.87	13.68	15
		12	13	13.98	13.83	13.85	15
		25	0	13.86	13.89	13.81	15
	64QAM	1	0	13.91	13.79	13.33	15
		1	13	13.98	13.96	13.55	15
		1	24	14.07	13.88	14.21	15
		12	0	13.95	13.57	13.48	15
		12	6	13.86	13.66	13.41	15
		12	13	14.05	13.74	13.39	15
		25	0	14.22	13.55	13.7	15

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	13.99	13.88	13.87	15
		1	25	13.89	13.79	13.41	15
		1	49	13.88	13.78	13.82	15
		25	0	14.03	13.86	13.89	15
		25	13	13.94	13.97	13.87	15
		25	25	13.98	13.86	13.9	15
		50	0	14	14	13.82	15
	16QAM	1	0	14.37	13.99	13.99	15
		1	25	14.09	13.89	13.98	15
		1	49	14.06	13.86	14.02	15
		25	0	13.92	13.94	13.77	15
		25	13	13.96	13.91	13.83	15
		25	25	13.79	13.77	13.81	15
		50	0	13.88	13.79	13.71	15
	64QAM	1	0	13.91	13.77	13.38	15
		1	25	13.97	13.97	13.56	15
		1	49	14.02	13.83	14.16	15
		25	0	14	13.55	13.54	15
		25	13	13.85	13.62	13.47	15
		25	25	14.09	13.7	13.43	15
		50	0	14.24	13.58	13.7	15
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	13.91	13.91	13.9	15
		1	38	13.86	13.88	13.77	15
		1	74	13.78	13.78	13.8	15
		36	0	13.98	13.9	13.87	15
		36	18	13.96	14.02	13.92	15
		36	39	13.87	13.93	13.86	15
		75	0	13.86	13.98	13.8	15
	16QAM	1	0	13.95	13.7	13.91	15
		1	38	14.14	14.34	13.87	15
		1	74	14.03	13.65	14.24	15
		36	0	13.97	13.87	13.8	15
		36	18	13.86	13.73	13.84	15
		36	39	13.9	13.84	13.76	15
		75	0	13.88	13.87	13.8	15
	64QAM	1	0	13.93	13.84	13.4	15
		1	38	13.98	13.99	13.55	15
		1	74	14	13.89	14.17	15
		36	0	14.02	13.55	13.52	15
		36	18	13.89	13.64	13.5	15
		36	39	14.06	13.66	13.35	15
		75	0	14.28	13.58	13.68	15

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LTE Band 26 Receiver off（body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	17.92	17.9	17.9	19
		1	2	17.86	16.85	16.79	19
		1	5	18.06	17.9	17.82	19
		3	0	17.73	17.87	17.69	19
		3	2	17.75	17.63	17.52	19
		3	3	17.74	17.7	17.47	19
		6	0	18.13	17.75	17.89	19
	16QAM	1	0	18.46	18.07	18.3	19
		1	2	18.1	18.31	17.13	19
		1	5	18.22	18.15	18.05	19
		3	0	17.78	17.83	17.43	19
		3	2	17.57	17.55	17.48	19
		3	3	17.93	17.85	17.66	19
		6	0	17.94	17.92	18.05	19
	64QAM	1	0	17.79	17.69	17.26	19
		1	2	17.89	17.86	17.48	19
		1	5	18.03	17.74	18.14	19
		3	0	17.96	17.56	17.44	19
		3	2	17.84	17.61	17.39	19
		3	3	18	17.68	17.25	19
		6	0	18.21	17.53	17.6	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	18.04	17.96	17.84	19
		1	7	17.51	17.75	17.31	19
		1	14	17.9	17.98	17.75	19
		8	0	17.97	17.95	17.73	19
		8	4	17.71	17.98	17.83	19
		8	7	18.03	17.86	17.82	19
		15	0	17.98	17.97	17.71	19
	16QAM	1	0	18.27	18.32	17.99	19
		1	7	18.15	18.09	17.72	19
		1	14	18.35	18.24	18.09	19
		8	0	17.8	17.96	17.93	19
		8	4	17.99	18	17.77	19
		8	7	17.84	17.88	17.75	19
		15	0	18.07	17.82	17.69	19
	64QAM	1	0	17.88	17.75	17.22	19
		1	7	17.92	17.84	17.55	19
		1	14	18.06	17.83	18.15	19
		8	0	17.97	17.48	17.5	19
		8	4	17.81	17.58	17.37	19
		8	7	17.97	17.67	17.27	19
		15	0	18.24	17.57	17.56	19
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	18.06	17.84	17.84	19
		1	13	17.95	17.93	17.89	19
		1	24	18.02	17.92	17.7	19
		12	0	18.08	17.96	17.82	19
		12	6	18.16	17.8	17.69	19
		12	13	18.01	18.05	17.85	19
		25	0	17.96	17.94	17.76	19
	16QAM	1	0	18.26	18.4	18.43	19
		1	13	17.63	17.95	18.31	19
		1	24	18.36	18.42	17.63	19
		12	0	18	17.99	17.79	19
		12	6	17.96	17.93	17.89	19
		12	13	18.15	17.93	17.88	19
		25	0	17.92	18.06	17.97	19
	64QAM	1	0	17.82	17.7	17.27	19
		1	13	17.97	17.85	17.48	19
		1	24	18	17.76	18.13	19
		12	0	17.95	17.48	17.51	19
		12	6	17.82	17.6	17.37	19
		12	13	17.99	17.64	17.22	19
		25	0	18.24	17.59	17.63	19

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	17.99	17.97	17.86	19
		1	25	17.65	17.39	17.31	19
		1	49	17.91	17.87	17.86	19
		25	0	18.08	17.93	17.81	19
		25	13	18.01	17.9	17.92	19
		25	25	17.94	17.85	17.95	19
		50	0	18.06	17.91	17.84	19
	16QAM	1	0	18.41	18.26	17.75	19
		1	25	18.01	17.83	17.59	19
		1	49	17.73	18.32	18.09	19
		25	0	18.06	17.89	17.85	19
		25	13	17.93	17.83	17.76	19
		25	25	17.87	17.91	17.87	19
		50	0	17.85	17.81	17.88	19
	64QAM	1	0	17.86	17.75	17.22	19
		1	25	17.91	17.91	17.49	19
		1	49	18.04	17.79	18.17	19
		25	0	17.99	17.57	17.44	19
		25	13	17.8	17.61	17.38	19
		25	25	18.04	17.68	17.32	19
		50	0	18.25	17.52	17.61	19
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	18.04	17.89	17.99	19
		1	38	18	17.94	17.91	19
		1	74	17.92	17.76	17.61	19
		36	0	18.05	17.97	17.95	19
		36	18	18.02	17.99	17.93	19
		36	39	18.01	17.87	17.93	19
		75	0	18.05	17.92	17.85	19
	16QAM	1	0	18.26	18.18	18.41	19
		1	38	18.23	18.28	18.22	19
		1	74	18.27	18.13	18.16	19
		36	0	17.98	18.02	17.8	19
		36	18	17.97	17.88	17.85	19
		36	39	17.94	17.87	17.79	19
		75	0	17.96	17.91	17.7	19
	64QAM	1	0	17.86	17.63	17.29	19
		1	38	17.89	17.87	17.49	19
		1	74	17.98	17.84	18.15	19
		36	0	17.99	17.49	17.51	19
		36	18	17.85	17.57	17.35	19
		36	39	18.03	17.67	17.22	19
		75	0	18.27	17.51	17.53	19

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LTE Band 26 Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	15.53	15.4	15.3	16.5
		1	2	15.74	15.16	15.48	16.5
		1	5	15.44	15.48	15.4	16.5
		3	0	15.42	15.11	15.27	16.5
		3	2	15.72	15.42	15.08	16.5
		3	3	15.28	15.43	15.19	16.5
		6	0	15.48	15.31	15.02	16.5
	16QAM	1	0	15.9	15.75	15.71	16.5
		1	2	15.68	15.42	15.61	16.5
		1	5	16	15.76	15.13	16.5
		3	0	15.57	15.42	15.26	16.5
		3	2	15.8	15.39	15.15	16.5
		3	3	15.33	15.39	15.47	16.5
		6	0	15.39	15.34	15.24	16.5
	64QAM	1	0	15.28	15.13	15.07	16.5
		1	2	15.33	15.41	15.32	16.5
		1	5	15.54	15.32	15.24	16.5
		3	0	15.05	14.92	15.03	16.5
		3	2	14.79	14.95	14.88	16.5
		3	3	15.13	14.92	14.97	16.5
		6	0	14.91	15	14.95	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	15.5	15.44	15.34	16.5
		1	7	14.85	14.24	15.05	16.5
		1	14	15.47	15.45	15.34	16.5
		8	0	15.35	15.25	15.31	16.5
		8	4	15.26	14.92	15.36	16.5
		8	7	15.58	15.28	14.94	16.5
		15	0	15.53	15.48	15.36	16.5
	16QAM	1	0	15.72	15.89	15.7	16.5
		1	7	15.12	15.3	15.62	16.5
		1	14	15.38	15.68	15.73	16.5
		8	0	15.54	15.36	14.98	16.5
		8	4	15.47	15.39	15.4	16.5
		8	7	15.26	15.26	15.36	16.5
		15	0	15.47	15.42	15.14	16.5
	64QAM	1	0	15.25	15.12	15.05	16.5
		1	7	15.3	15.36	15.33	16.5
		1	14	15.57	15.39	15.19	16.5
		8	0	15.08	14.91	14.97	16.5
		8	4	14.83	14.97	14.91	16.5
		8	7	15.13	14.91	14.98	16.5
		15	0	14.89	14.98	14.99	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	15.49	15.46	15.33	16.5
		1	13	15.6	15.44	15.35	16.5
		1	24	15.5	15.38	15.33	16.5
		12	0	15.57	15.51	15.41	16.5
		12	6	15.12	15.57	14.92	16.5
		12	13	15.5	15.51	15.27	16.5
		25	0	15.57	15.38	15.24	16.5
	16QAM	1	0	15.99	15.74	15.82	16.5
		1	13	15.96	15.29	15.69	16.5
		1	24	15.25	15.8	15.59	16.5
		12	0	15.52	15.53	15.36	16.5
		12	6	15.55	15.4	15.12	16.5
		12	13	15.62	15.28	15.39	16.5
		25	0	15.36	15.48	15.26	16.5
	64QAM	1	0	15.29	15.1	15.01	16.5
		1	13	15.26	15.31	15.37	16.5
		1	24	15.63	15.37	15.25	16.5
		12	0	15.14	14.97	15	16.5
		12	6	14.87	14.93	14.94	16.5
		12	13	15.23	14.89	15	16.5
		25	0	14.91	14.98	14.96	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	15.5	15.47	15.39	16.5
		1	25	15.22	15.77	15.24	16.5
		1	49	15.42	15.36	15.38	16.5
		25	0	15.55	15.47	15.34	16.5
		25	13	15.47	15.44	15.34	16.5
		25	25	15.44	15.29	15.35	16.5
		50	0	15.56	15.47	15.39	16.5
	16QAM	1	0	15.3	15.9	15.66	16.5
		1	25	15.85	15.78	15.32	16.5
		1	49	15.72	15.67	15.6	16.5
		25	0	15.4	15.44	15.35	16.5
		25	13	15.35	15.41	15.39	16.5
		25	25	15.33	15.22	15.17	16.5
		50	0	15.4	15.41	15.3	16.5
	64QAM	1	0	15.17	15.11	15.03	16.5
		1	25	15.29	15.32	15.39	16.5
		1	49	15.53	15.29	15.22	16.5
		25	0	15.12	14.95	15.01	16.5
		25	13	14.79	14.93	14.98	16.5
		25	25	15.23	14.87	14.98	16.5
		50	0	14.87	14.95	14.98	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.51	15.38	15.37	16.5
		1	38	15.61	15.46	15.38	16.5
		1	74	15.4	15.35	15.33	16.5
		36	0	15.53	15.51	15.43	16.5
		36	18	15.55	15.5	15.35	16.5
		36	39	15.47	15.42	15.41	16.5
		75	0	15.46	15.47	15.46	16.5
	16QAM	1	0	15.86	15.81	15.46	16.5
		1	38	15.46	15.89	15.65	16.5
		1	74	15.34	15.68	15.47	16.5
		36	0	15.59	15.45	15.46	16.5
		36	18	15.46	15.46	15.37	16.5
		36	39	15.39	15.44	15.32	16.5
		75	0	15.39	15.4	15.32	16.5
	64QAM	1	0	15.2	15.12	15.09	16.5
		1	38	15.34	15.34	15.31	16.5
		1	74	15.54	15.28	15.21	16.5
		36	0	15.08	14.9	14.99	16.5
		36	18	14.85	14.92	14.97	16.5
		36	39	15.15	14.88	14.99	16.5
		75	0	14.9	14.95	14.94	16.5

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LTE Band 26 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	16.05	15.93	15.77	17
		1	2	16.18	15.62	15.98	17
		1	5	15.95	15.98	15.83	17
		3	0	15.78	15.94	15.94	17
		3	2	16.08	15.6	14.67	17
		3	3	16.02	15.85	15.87	17
		6	0	16.01	16.03	15.53	17
	16QAM	1	0	16.18	15.98	15.55	17
		1	2	16.36	16.35	15.83	17
		1	5	16.27	15.94	16.37	17
		3	0	16.17	15.82	15.89	17
		3	2	16.2	16	15.7	17
		3	3	16.3	15.92	15.71	17
		6	0	16.33	15.92	15.92	17
	64QAM	1	0	16.06	15.85	15.38	17
		1	2	16.19	16.16	15.82	17
		1	5	16.15	15.83	16.34	17
		3	0	16	15.67	15.79	17
		3	2	16	15.87	15.64	17
		3	3	16.15	15.89	15.63	17
		6	0	16.18	15.78	15.76	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	16.04	15.92	15.85	17
		1	7	15.57	15.71	15.69	17
		1	14	15.97	15.9	15.79	17
		8	0	15.88	16.07	15.79	17
		8	4	15.88	16.02	15.68	17
		8	7	15.81	15.95	15.83	17
		15	0	15.98	15.92	15.94	17
	16QAM	1	0	16.66	15.78	16.19	17
		1	7	15.51	15.99	15.58	17
		1	14	16.37	16.08	16.13	17
		8	0	15.92	15.78	15.6	17
		8	4	16.05	15.89	15.69	17
		8	7	16.01	15.88	15.74	17
		15	0	15.86	15.93	15.66	17
	64QAM	1	0	15.99	15.9	15.36	17
		1	7	16.27	16.33	15.69	17
		1	14	16.08	15.94	16.28	17
		8	0	16.06	15.67	15.77	17
		8	4	16.08	15.84	15.64	17
		8	7	16.17	15.76	15.7	17
		15	0	16.27	15.85	15.8	17
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	16.07	15.98	15.84	17
		1	13	16.03	15.97	15.8	17
		1	24	15.94	15.96	15.85	17
		12	0	15.99	15.94	15.84	17
		12	6	15.95	16.03	15.91	17
		12	13	16.07	15.96	15.9	17
		25	0	15.93	15.84	15.88	17
	16QAM	1	0	15.95	16.39	16.19	17
		1	13	16.62	15.89	16.01	17
		1	24	16.4	15.93	16.12	17
		12	0	15.93	15.93	15.91	17
		12	6	15.87	15.84	15.78	17
		12	13	15.98	16	15.91	17
		25	0	15.84	15.84	15.75	17
	64QAM	1	0	16.07	15.94	15.51	17
		1	13	16.26	16.2	15.73	17
		1	24	16.23	15.79	16.36	17
		12	0	16.14	15.71	15.82	17
		12	6	16.2	15.96	15.69	17
		12	13	16.16	15.91	15.61	17
		25	0	16.31	15.73	15.89	17

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	16.03	15.99	15.93	17
		1	25	16.14	15.4	16.22	17
		1	49	15.86	15.86	15.85	17
		25	0	16.03	15.98	15.85	17
		25	13	16.01	15.96	15.84	17
		25	25	15.96	15.94	15.75	17
		50	0	15.93	15.96	15.89	17
	16QAM	1	0	16.29	15.79	16.06	17
		1	25	16.52	15.95	15.76	17
		1	49	16.17	16.04	16.15	17
		25	0	15.95	15.86	15.77	17
		25	13	15.9	15.84	15.87	17
		25	25	15.84	15.84	15.72	17
		50	0	15.96	15.92	15.82	17
	64QAM	1	0	16.16	15.9	15.48	17
		1	25	16.2	16.29	15.82	17
		1	49	16.23	15.82	16.18	17
		25	0	16.09	15.63	15.71	17
		25	13	16.09	15.96	15.52	17
		25	25	16.27	15.91	15.66	17
		50	0	16.14	15.8	15.86	17

Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	15.84	15.93	15.91	17
		1	38	15.87	15.82	15.81	17
		1	74	15.83	15.89	15.78	17
		36	0	15.96	16	15.94	17
		36	18	15.94	15.98	15.86	17
		36	39	15.98	15.9	15.79	17
		75	0	15.97	15.95	15.84	17
	16QAM	1	0	15.73	16.26	16.1	17
		1	38	15.82	16.12	16.27	17
		1	74	16.1	16.29	15.55	17
		36	0	15.93	15.9	15.78	17
		36	18	15.78	15.89	15.86	17
		36	39	15.84	15.77	15.77	17
		75	0	15.82	15.85	15.71	17
	64QAM	1	0	16.15	15.97	15.46	17
		1	38	16.22	16.18	15.77	17
		1	74	16.27	15.93	16.34	17
		36	0	16.11	15.7	15.75	17
		36	18	16.05	15.88	15.55	17
		36	39	16.27	15.84	15.54	17
		75	0	16.33	15.8	15.76	17

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LTE Band 26 Receiver off（body or limbs）+ WiFi2.4G Ant1 + WiFi5G Ant2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	20.07	19.87	19.96	21
		1	2	20.22	20.23	18.88	21
		1	5	20.06	19.94	19.8	21
		3	0	20	19.64	19.6	21
		3	2	19.89	19.7	19.93	21
		3	3	20.03	19.75	19.81	21
		6	0	19.99	19.78	19.52	21
	16QAM	1	0	20.28	20.26	19.98	21
		1	2	20.05	19.88	19.71	21
		1	5	20.16	20.24	20.08	21
		3	0	20.25	19.85	19.59	21
		3	2	20.16	19.95	19.41	21
		3	3	19.86	19.82	19.71	21
		6	0	19.94	19.83	19.83	21
	64QAM	1	0	20.09	19.91	19.42	21
		1	2	20.13	20.08	19.73	21
		1	5	20.16	19.9	20.33	21
		3	0	20.04	19.65	19.64	21
		3	2	20	19.81	19.51	21
		3	3	20.23	19.79	19.48	21
		6	0	20.31	19.74	19.72	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	19.94	19.8	19.73	21
		1	7	20.46	19.52	19.62	21
		1	14	20.02	19.9	19.68	21
		8	0	20.08	20	19.7	21
		8	4	20.03	19.99	19.67	21
		8	7	19.99	19.98	19.6	21
		15	0	19.97	19.83	19.77	21
	16QAM	1	0	19.6	20.22	20.21	21
		1	7	19.87	20.37	19.01	21
		1	14	20.1	20.45	20.28	21
		8	0	20.02	19.92	19.47	21
		8	4	19.96	19.94	19.87	21
		8	7	19.91	20.06	19.78	21
		15	0	19.85	19.87	19.88	21
	64QAM	1	0	20.05	19.96	19.37	21
		1	7	20.15	20.1	19.68	21
		1	14	20.2	19.82	20.24	21
		8	0	20.1	19.7	19.74	21
		8	4	19.97	19.84	19.51	21
		8	7	20.19	19.81	19.51	21
		15	0	20.24	19.78	19.66	21
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	20.05	19.9	19.72	21
		1	13	20.08	20.01	19.78	21
		1	24	20.08	19.87	19.76	21
		12	0	20.09	19.98	19.83	21
		12	6	20.02	19.89	19.76	21
		12	13	20.02	19.97	19.91	21
		25	0	19.96	19.95	19.87	21
	16QAM	1	0	20.27	20.32	20.2	21
		1	13	20.16	20.3	20.27	21
		1	24	20.21	20.12	20.03	21
		12	0	20.07	19.94	19.87	21
		12	6	20.16	19.9	19.87	21
		12	13	20.08	19.89	19.92	21
		25	0	20.03	19.78	19.83	21
	64QAM	1	0	20.12	19.95	19.41	21
		1	13	20.1	20.12	19.77	21
		1	24	20.17	19.92	20.25	21
		12	0	20.06	19.68	19.64	21
		12	6	20.01	19.81	19.54	21
		12	13	20.22	19.79	19.43	21
		25	0	20.32	19.78	19.68	21

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Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	20.11	19.96	19.92	21
		1	25	20.11	19.74	20.09	21
		1	49	19.95	19.88	19.83	21
		25	0	20.02	20	19.83	21
		25	13	19.98	20.01	19.76	21
		25	25	19.95	19.96	19.84	21
		50	0	20.03	20	19.93	21
	16QAM	1	0	19.98	20.15	19.9	21
		1	25	20.53	19.54	19	21
		1	49	20.18	20.18	20.07	21
		25	0	20.08	19.79	19.73	21
		25	13	19.82	19.92	19.83	21
		25	25	19.88	19.91	19.76	21
		50	0	19.93	19.93	19.73	21
	64QAM	1	0	20.15	19.89	19.4	21
		1	25	20.21	20.14	19.73	21
		1	49	20.18	19.83	20.31	21
		25	0	20.1	19.67	19.72	21
		25	13	20.02	19.82	19.53	21
		25	25	20.18	19.76	19.54	21
		50	0	20.31	19.71	19.7	21
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	19.86	19.8	19.88	21
		1	38	19.89	19.97	19.91	21
		1	74	19.84	19.89	19.75	21
		36	0	19.97	20.04	19.94	21
		36	18	19.96	20.06	19.76	21
		36	39	19.93	19.93	19.87	21
		75	0	19.95	19.87	19.94	21
	16QAM	1	0	20.37	20.2	20.13	21
		1	38	20.09	20.13	20.21	21
		1	74	20.29	19.95	20.18	21
		36	0	20.01	19.91	19.83	21
		36	18	19.87	19.95	19.78	21
		36	39	20.08	19.85	19.74	21
		75	0	19.95	19.9	19.82	21
	64QAM	1	0	20.05	19.87	19.46	21
		1	38	20.2	20.09	19.68	21
		1	74	20.17	19.83	20.32	21
		36	0	20	19.65	19.69	21
		36	18	19.94	19.83	19.46	21
		36	39	20.17	19.73	19.43	21
		75	0	20.25	19.76	19.69	21

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LTE Band 38 Receiver on(Left head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	16.84	16.84	16.94	17.5
		1	13	16.78	16.85	16.91	17.5
		1	24	16.89	16.85	16.93	17.5
		12	0	16.92	16.97	17.05	17.5
		12	6	16.93	16.87	17	17.5
		12	13	16.96	16.98	17.04	17.5
		25	0	16.95	16.96	16.98	17.5
	16QAM	1	0	16.97	17.04	17.08	17.5
		1	13	16.94	17	17.04	17.5
		1	24	16.99	17.06	17.13	17.5
		12	0	16.87	16.85	16.93	17.5
		12	6	16.83	16.84	16.86	17.5
		12	13	16.89	16.88	16.94	17.5
		25	0	16.89	16.88	16.9	17.5
	64QAM	1	0	16.97	16.84	16.87	17.5
		1	13	15.96	15.98	15.91	17.5
		1	24	16.72	16.59	16.86	17.5
		12	0	16.68	16.57	16.54	17.5
		12	6	16.51	16.48	16.56	17.5
		12	13	16.52	16.63	16.45	17.5
		25	0	16.53	16.64	16.52	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	16.77	16.74	16.87	17.5
		1	25	16.8	16.81	16.79	17.5
		1	49	16.84	16.84	16.88	17.5
		25	0	16.86	16.85	16.94	17.5
		25	13	16.86	16.81	16.94	17.5
		25	25	16.92	16.88	16.98	17.5
		50	0	16.87	16.87	16.97	17.5
	16QAM	1	0	16.88	16.81	17	17.5
		1	25	16.86	17.19	16.9	17.5
		1	49	16.89	16.88	16.95	17.5
		25	0	16.8	16.79	16.83	17.5
		25	13	16.87	16.84	16.93	17.5
		25	25	16.87	16.83	16.85	17.5
		50	0	16.84	16.77	16.91	17.5
	64QAM	1	0	17.05	16.85	16.91	17.5
		1	25	15.98	16.03	15.95	17.5
		1	49	16.69	16.61	16.84	17.5
		25	0	16.65	16.63	16.5	17.5
		25	13	16.51	16.48	16.57	17.5
		25	25	16.51	16.62	16.44	17.5
		50	0	16.51	16.58	16.48	17.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	16.87	16.75	16.87	17.5
		1	38	16.86	16.84	16.91	17.5
		1	74	16.82	16.85	16.86	17.5
		36	0	16.9	16.86	16.91	17.5
		36	18	16.9	16.87	16.9	17.5
		36	39	16.85	16.9	16.92	17.5
		75	0	16.84	16.87	16.89	17.5
	16QAM	1	0	16.98	16.93	17.03	17.5
		1	38	17.06	16.99	17.03	17.5
		1	74	17	16.89	16.97	17.5
		36	0	16.84	16.76	16.81	17.5
		36	18	16.82	16.78	16.83	17.5
		36	39	16.79	16.79	16.81	17.5
		75	0	16.74	16.74	16.77	17.5
	64QAM	1	0	17.01	16.79	16.87	17.5
		1	38	15.99	15.97	15.96	17.5
		1	74	16.65	16.61	16.87	17.5
		36	0	16.63	16.56	16.5	17.5
		36	18	16.49	16.54	16.55	17.5
		36	39	16.56	16.61	16.49	17.5
		75	0	16.55	16.57	16.54	17.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	16.94	16.89	16.93	17.5
		1	50	16.27	16.29	16.2	17.5
		1	99	16.92	**16.99**	16.98	17.5
		50	0	16.83	16.88	16.85	17.5
		50	25	16.82	16.78	16.81	17.5
		50	50	16.84	**16.93**	16.91	17.5
		100	0	16.83	16.83	16.85	17.5
	16QAM	1	0	17.04	17.06	17.13	17.5
		1	50	16.65	16.59	16.99	17.5
		1	99	16.97	16.96	17.08	17.5
		50	0	16.82	16.74	16.8	17.5
		50	25	16.76	16.73	16.77	17.5
		50	50	16.76	16.75	16.86	17.5
		100	0	16.77	16.79	16.78	17.5
	64QAM	1	0	17.01	16.77	16.91	17.5
		1	50	15.99	15.96	15.95	17.5
		1	99	16.68	16.6	16.77	17.5
		50	0	16.65	16.63	16.47	17.5
		50	25	16.52	16.49	16.57	17.5
		50	50	16.53	16.59	16.46	17.5
		100	0	16.59	16.63	16.48	17.5

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LTE Band 38 Receiver on(Right head)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	15.92	15.96	16.1	16.5
		1	13	15.96	15.98	16.01	16.5
		1	24	15.91	15.96	16.02	16.5
		12	0	16.02	16.07	16.13	16.5
		12	6	15.97	15.99	16	16.5
		12	13	16.05	16.07	16.11	16.5
		25	0	16.05	16.05	16.08	16.5
	16QAM	1	0	16.05	16.24	16.3	16.5
		1	13	16.07	16.12	16.28	16.5
		1	24	16.07	16.22	16.29	16.5
		12	0	15.96	15.97	16.03	16.5
		12	6	15.95	15.94	15.98	16.5
		12	13	15.97	15.93	16.03	16.5
		25	0	15.92	15.95	15.99	16.5
	64QAM	1	0	16.08	16.02	16.08	16.5
		1	13	15.09	15.11	15.02	16.5
		1	24	15.81	15.82	15.95	16.5
		12	0	15.81	15.82	15.64	16.5
		12	6	15.7	15.69	15.71	16.5
		12	13	15.69	15.66	15.62	16.5
		25	0	15.7	15.69	15.68	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	15.91	15.93	16.06	16.5
		1	25	16.09	15.93	16.15	16.5
		1	49	15.95	15.95	16.01	16.5
		25	0	16.04	16.06	16.08	16.5
		25	13	16	16.03	16.09	16.5
		25	25	16.06	15.99	16.11	16.5
		50	0	15.99	15.99	16.1	16.5
	16QAM	1	0	16.24	16.23	16.3	16.5
		1	25	16.16	16.14	16.35	16.5
		1	49	16.27	16.22	16.27	16.5
		25	0	15.91	15.94	16	16.5
		25	13	15.94	15.91	16.05	16.5
		25	25	15.96	15.91	16.03	16.5
		50	0	15.94	15.94	16.03	16.5
	64QAM	1	0	16.17	16.07	16.14	16.5
		1	25	15.12	15.19	15.07	16.5
		1	49	15.84	15.85	15.9	16.5
		25	0	15.8	15.84	15.66	16.5
		25	13	15.72	15.7	15.68	16.5
		25	25	15.68	15.69	15.66	16.5
		50	0	15.75	15.69	15.71	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	15.95	15.96	15.95	16.5
		1	38	16.05	16.02	16.01	16.5
		1	74	16.03	16	16.01	16.5
		36	0	16.02	16.04	16.12	16.5
		36	18	16.02	16.03	16.02	16.5
		36	39	15.99	16.06	16.09	16.5
		75	0	16	16.07	16	16.5
	16QAM	1	0	16.2	16.1	16.16	16.5
		1	38	16.19	16.2	16.22	16.5
		1	74	16.17	16.13	16.28	16.5
		36	0	15.94	15.97	16.03	16.5
		36	18	15.91	15.96	15.96	16.5
		36	39	15.96	15.97	16	16.5
		75	0	15.94	15.94	15.93	16.5
	64QAM	1	0	16.09	16.03	16.12	16.5
		1	38	15.08	15.13	15.06	16.5
		1	74	15.83	15.84	15.9	16.5
		36	0	15.78	15.77	15.64	16.5
		36	18	15.71	15.74	15.67	16.5
		36	39	15.75	15.66	15.66	16.5
		75	0	15.68	15.76	15.74	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	16.02	16.03	16.05	16.5
		1	50	15.96	15.86	15.95	16.5
		1	99	16.02	**16.15**	16.1	16.5
		50	0	15.98	15.99	16.08	16.5
		50	25	15.98	15.96	16.05	16.5
		50	50	15.99	**16.14**	16.1	16.5
		100	0	15.97	16.02	16.08	16.5
	16QAM	1	0	16.22	16.21	16.32	16.5
		1	50	16.11	16.26	16.4	16.5
		1	99	16.16	16.18	16.32	16.5
		50	0	15.92	15.91	16.01	16.5
		50	25	15.89	15.86	15.97	16.5
		50	50	15.94	15.94	16.02	16.5
		100	0	15.94	15.97	16.01	16.5
	64QAM	1	0	16.17	15.99	16.05	16.5
		1	50	15.17	15.13	15.1	16.5
		1	99	15.83	15.8	15.97	16.5
		50	0	15.83	15.76	15.68	16.5
		50	25	15.67	15.7	15.69	16.5
		50	50	15.69	15.74	15.6	16.5
		100	0	15.69	15.75	15.68	16.5

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LTE Band 38 Receiver off （body or limbs）				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	18.86	18.88	19.1	19.5
		1	13	18.92	18.88	19.13	19.5
		1	24	18.8	19.04	19.07	19.5
		12	0	19.02	18.93	19.19	19.5
		12	6	18.74	18.94	19.11	19.5
		12	13	18.9	19.01	19.14	19.5
		25	0	18.92	18.93	19.2	19.5
	16QAM	1	0	18.75	18.86	18.98	19.5
		1	13	18.87	18.87	19.08	19.5
		1	24	19.05	18.83	19.03	19.5
		12	0	18.85	19.05	19.18	19.5
		12	6	18.83	18.85	18.93	19.5
		12	13	18.89	18.86	19.14	19.5
		25	0	18.86	18.91	19.19	19.5
	64QAM	1	0	19.08	19.08	19.05	19.5
		1	13	18.1	18.12	18.03	19.5
		1	24	18.77	18.8	18.88	19.5
		12	0	18.86	18.74	18.72	19.5
		12	6	18.63	18.59	18.71	19.5
		12	13	18.7	18.72	18.6	19.5
		25	0	18.76	18.72	18.6	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.76	18.83	18.98	19.5
		1	25	18.57	19	19.32	19.5
		1	49	18.94	19.04	19.04	19.5
		25	0	18.94	18.92	19	19.5
		25	13	18.96	18.91	19.18	19.5
		25	25	19.01	18.99	19.08	19.5
		50	0	18.94	18.99	19.07	19.5
	16QAM	1	0	18.83	18.71	19.08	19.5
		1	25	18.78	19.32	18.54	19.5
		1	49	18.89	18.97	19.21	19.5
		25	0	18.89	18.84	18.9	19.5
		25	13	18.78	18.71	18.86	19.5
		25	25	18.88	18.79	19.01	19.5
		50	0	18.82	18.81	18.86	19.5
	64QAM	1	0	19.15	18.97	18.99	19.5
		1	25	18.06	18.17	18.05	19.5
		1	49	18.88	18.76	18.98	19.5
		25	0	18.82	18.81	18.63	19.5
		25	13	18.61	18.66	18.66	19.5
		25	25	18.72	18.71	18.58	19.5
		50	0	18.64	18.76	18.73	19.5

Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	18.75	18.78	18.99	19.5
		1	38	18.91	19.1	19.03	19.5
		1	74	18.83	18.93	19.03	19.5
		36	0	19.03	18.89	19.11	19.5
		36	18	18.96	19	19.09	19.5
		36	39	18.96	19.09	19.17	19.5
		75	0	19	18.95	19.04	19.5
	16QAM	1	0	18.92	18.81	19.26	19.5
		1	38	19.06	18.96	18.81	19.5
		1	74	18.82	19.13	19.06	19.5
		36	0	18.86	18.9	19.05	19.5
		36	18	19.01	18.87	18.93	19.5
		36	39	19.02	19.05	19.11	19.5
		75	0	18.89	18.85	18.98	19.5
	64QAM	1	0	19.1	19.08	19.04	19.5
		1	38	18.06	18.19	18.01	19.5
		1	74	18.79	18.86	18.94	19.5
		36	0	18.86	18.82	18.65	19.5
		36	18	18.73	18.69	18.61	19.5
		36	39	18.73	18.7	18.62	19.5
		75	0	18.69	18.75	18.73	19.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	18.89	18.99	18.97	19.5
		1	50	18.87	19.08	19.01	19.5
		1	99	19.03	19.02	**19.2**	19.5
		50	0	18.91	19.03	19.03	19.5
		50	25	18.89	18.84	19.11	19.5
		50	50	19.02	18.96	**19.14**	19.5
		100	0	19	18.92	**19.1**	19.5
	16QAM	1	0	19.26	19.18	19.24	19.5
		1	50	18.52	19	19.33	19.5
		1	99	19.05	19.09	19.24	19.5
		50	0	18.81	18.82	18.92	19.5
		50	25	18.85	18.92	18.93	19.5
		50	50	18.95	18.91	18.99	19.5
		100	0	18.79	18.89	18.93	19.5
	64QAM	1	0	19.17	19.1	19.14	19.5
		1	50	18.17	18.21	18.12	19.5
		1	99	18.91	18.88	18.99	19.5
		50	0	18.87	18.86	18.73	19.5
		50	25	18.73	18.74	18.75	19.5
		50	50	18.75	18.75	18.7	19.5
		100	0	18.78	18.78	18.74	19.5

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LTE Band 38 Receiver off （body or limbs）+ hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	15.78	15.93	16.02	16.5
		1	13	15.95	15.98	16.06	16.5
		1	24	15.85	15.89	16	16.5
		12	0	15.97	15.98	16.03	16.5
		12	6	15.83	15.9	15.85	16.5
		12	13	15.98	15.96	16.13	16.5
		25	0	16.02	15.82	15.95	16.5
	16QAM	1	0	16.04	16.05	15.97	16.5
		1	13	16	15.96	16.09	16.5
		1	24	16	15.86	16.21	16.5
		12	0	15.96	15.91	16.13	16.5
		12	6	15.97	15.85	16.12	16.5
		12	13	15.85	15.91	16.13	16.5
		25	0	15.77	15.75	16.05	16.5
	64QAM	1	0	16.11	15.94	15.98	16.5
		1	13	15.13	15.13	15.06	16.5
		1	24	15.82	15.71	15.87	16.5
		12	0	15.8	15.65	15.58	16.5
		12	6	15.59	15.63	15.62	16.5
		12	13	15.63	15.68	15.54	16.5
		25	0	15.65	15.64	15.63	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	15.81	15.84	16.02	16.5
		1	25	16.11	15.78	16.14	16.5
		1	49	15.91	15.9	15.97	16.5
		25	0	15.79	15.94	16	16.5
		25	13	15.88	15.88	16.11	16.5
		25	25	15.98	15.91	16.12	16.5
		50	0	15.89	15.86	16.1	16.5
	16QAM	1	0	15.82	15.69	16.07	16.5
		1	25	15.65	16.17	16.38	16.5
		1	49	15.86	15.91	15.94	16.5
		25	0	15.7	15.78	15.94	16.5
		25	13	15.66	15.68	16.07	16.5
		25	25	15.96	15.93	15.94	16.5
		50	0	15.85	15.92	15.94	16.5
	64QAM	1	0	16.14	15.9	16.01	16.5
		1	25	15.12	15.06	15.03	16.5
		1	49	15.83	15.79	15.91	16.5
		25	0	15.78	15.68	15.65	16.5
		25	13	15.57	15.62	15.66	16.5
		25	25	15.59	15.69	15.53	16.5
		50	0	15.6	15.66	15.6	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	15.84	15.77	15.9	16.5
		1	38	15.89	15.96	16	16.5
		1	74	15.84	16.01	16.09	16.5
		36	0	15.9	15.82	16.11	16.5
		36	18	16.05	15.87	16.11	16.5
		36	39	15.97	16.02	16.07	16.5
		75	0	15.9	15.89	15.93	16.5
	16QAM	1	0	15.75	15.97	15.86	16.5
		1	38	15.72	16	16.23	16.5
		1	74	15.78	16.06	16	16.5
		36	0	15.79	15.8	15.96	16.5
		36	18	15.83	15.99	15.99	16.5
		36	39	15.78	15.94	15.98	16.5
		75	0	15.78	15.86	15.96	16.5
	64QAM	1	0	16.16	15.89	15.95	16.5
		1	38	15.07	15.05	15.05	16.5
		1	74	15.82	15.77	15.96	16.5
		36	0	15.74	15.75	15.62	16.5
		36	18	15.57	15.69	15.63	16.5
		36	39	15.63	15.69	15.51	16.5
		75	0	15.58	15.66	15.65	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	16.04	15.91	16.07	16.5
		1	50	15.75	16.28	16.08	16.5
		1	99	16.05	16.14	**16.29**	16.5
		50	0	15.93	15.94	16.07	16.5
		50	25	15.9	15.85	16.09	16.5
		50	50	15.95	15.97	**16.13**	16.5
		100	0	15.91	15.92	**16.1**	16.5
	16QAM	1	0	15.93	15.86	15.93	16.5
		1	50	15.41	15.78	15.99	16.5
		1	99	15.89	16.24	15.75	16.5
		50	0	15.87	15.88	15.99	16.5
		50	25	15.84	15.94	16.01	16.5
		50	50	15.88	15.85	16.06	16.5
		100	0	15.81	15.96	15.99	16.5
	64QAM	1	0	16.16	15.93	15.95	16.5
		1	50	15.17	15.08	15.03	16.5
		1	99	15.79	15.77	15.88	16.5
		50	0	15.74	15.71	15.58	16.5
		50	25	15.67	15.65	15.63	16.5
		50	50	15.66	15.74	15.49	16.5
		100	0	15.63	15.73	15.63	16.5

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LTE Band 38 Receiver off （body or limbs）+ hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.88	13.79	14.07	14.5
		1	13	13.79	13.82	14.01	14.5
		1	24	13.86	13.82	14.05	14.5
		12	0	13.99	13.97	14.09	14.5
		12	6	13.96	13.73	14.05	14.5
		12	13	13.89	13.89	14.06	14.5
		25	0	13.91	13.94	13.99	14.5
	16QAM	1	0	13.55	14.1	14.13	14.5
		1	13	13.82	14.03	14.07	14.5
		1	24	13.86	13.98	14.06	14.5
		12	0	13.93	13.85	14.07	14.5
		12	6	13.75	13.88	14.03	14.5
		12	13	13.83	13.91	14.14	14.5
		25	0	13.71	13.72	13.92	14.5
	64QAM	1	0	14.12	13.86	13.9	14.5
		1	13	13.13	13.03	12.93	14.5
		1	24	13.73	13.75	13.81	14.5
		12	0	13.71	13.66	13.52	14.5
		12	6	13.66	13.63	13.56	14.5
		12	13	13.57	13.74	13.43	14.5
		25	0	13.63	13.65	13.6	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	14.06	13.83	14.11	14.5
		1	25	12.74	14.09	13.9	14.5
		1	49	13.87	14.01	14.05	14.5
		25	0	13.88	13.89	14.04	14.5
		25	13	13.93	13.76	14.18	14.5
		25	25	14.02	13.9	14.07	14.5
		50	0	13.93	13.91	14.05	14.5
	16QAM	1	0	13.95	13.49	14.02	14.5
		1	25	13.66	13.93	14.12	14.5
		1	49	14.04	14.04	14.18	14.5
		25	0	13.82	13.8	13.94	14.5
		25	13	13.9	13.88	13.92	14.5
		25	25	13.86	13.9	14.03	14.5
		50	0	13.93	13.78	14.01	14.5
	64QAM	1	0	14.06	13.88	13.86	14.5
		1	25	13.13	13.06	12.99	14.5
		1	49	13.73	13.72	13.84	14.5
		25	0	13.63	13.64	13.5	14.5
		25	13	13.58	13.62	13.52	14.5
		25	25	13.62	13.72	13.45	14.5
		50	0	13.59	13.63	13.56	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.86	13.77	13.97	14.5
		1	38	13.98	13.91	14.02	14.5
		1	74	13.88	13.97	14.07	14.5
		36	0	13.9	13.86	13.93	14.5
		36	18	13.94	13.9	14.1	14.5
		36	39	13.99	13.92	14.05	14.5
		75	0	13.9	13.92	14.07	14.5
	16QAM	1	0	13.47	13.86	13.66	14.5
		1	38	13.96	13.86	14.06	14.5
		1	74	13.77	13.53	13.95	14.5
		36	0	13.92	13.8	14.1	14.5
		36	18	13.86	13.81	14.01	14.5
		36	39	13.92	13.87	14.14	14.5
		75	0	13.83	13.8	13.97	14.5
	64QAM	1	0	14.08	13.9	13.89	14.5
		1	38	13.13	13.05	13.02	14.5
		1	74	13.73	13.76	13.84	14.5
		36	0	13.67	13.67	13.49	14.5
		36	18	13.64	13.61	13.53	14.5
		36	39	13.63	13.7	13.43	14.5
		75	0	13.6	13.73	13.6	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	13.78	13.98	14.06	14.5
		1	50	13.53	14.17	14.06	14.5
		1	99	13.94	14.18	**14.19**	14.5
		50	0	13.88	13.89	14.07	14.5
		50	25	13.86	13.91	13.98	14.5
		50	50	13.9	13.95	**14.12**	14.5
		100	0	13.92	13.92	**13.99**	14.5
	16QAM	1	0	13.89	13.78	13.93	14.5
		1	50	13.5	13.32	13.83	14.5
		1	99	13.9	14.21	14.19	14.5
		50	0	13.82	13.84	13.96	14.5
		50	25	13.77	13.78	13.91	14.5
		50	50	13.95	13.81	14.02	14.5
		100	0	13.82	13.81	14.03	14.5
	64QAM	1	0	14.06	13.87	13.92	14.5
		1	50	13.07	12.98	12.96	14.5
		1	99	13.73	13.75	13.8	14.5
		50	0	13.68	13.6	13.5	14.5
		50	25	13.62	13.55	13.59	14.5
		50	50	13.59	13.69	13.48	14.5
		100	0	13.63	13.72	13.62	14.5

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LTE Band 38 Receiver on(Left head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.53	13.49	13.56	14.5
		1	13	13.54	13.43	13.64	14.5
		1	24	13.59	13.48	13.68	14.5
		12	0	13.43	13.51	13.61	14.5
		12	6	13.44	13.45	13.62	14.5
		12	13	13.45	13.5	13.58	14.5
		25	0	13.49	13.55	13.64	14.5
	16QAM	1	0	14.05	14.01	14.03	14.5
		1	13	14.13	14.02	14.2	14.5
		1	24	14.09	13.99	14.17	14.5
		12	0	13.45	13.51	13.71	14.5
		12	6	13.56	13.51	13.68	14.5
		12	13	13.47	13.49	13.67	14.5
		25	0	13.39	13.42	13.62	14.5
	64QAM	1	0	13.69	13.49	13.47	14.5
		1	13	12.71	12.6	12.53	14.5
		1	24	13.36	13.4	13.43	14.5
		12	0	13.28	13.25	13.13	14.5
		12	6	13.22	13.19	13.16	14.5
		12	13	13.14	13.3	13.03	14.5
		25	0	13.19	13.22	13.18	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	13.51	13.41	13.54	14.5
		1	25	13.13	13.1	13.22	14.5
		1	49	13.57	13.46	13.68	14.5
		25	0	13.5	13.45	13.59	14.5
		25	13	13.55	13.4	13.6	14.5
		25	25	13.61	13.5	13.71	14.5
		50	0	13.53	13.43	13.61	14.5
	16QAM	1	0	14.04	14	14.15	14.5
		1	25	13.5	13.49	13.66	14.5
		1	49	14.09	14.03	14.16	14.5
		25	0	13.4	13.51	13.58	14.5
		25	13	13.48	13.5	13.7	14.5
		25	25	13.51	13.5	13.64	14.5
		50	0	13.35	13.4	13.51	14.5
	64QAM	1	0	13.68	13.45	13.5	14.5
		1	25	12.71	12.64	12.56	14.5
		1	49	13.35	13.35	13.42	14.5
		25	0	13.27	13.27	13.09	14.5
		25	13	13.3	13.19	13.15	14.5
		25	25	13.15	13.38	13.02	14.5
		50	0	13.25	13.29	13.2	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.48	13.45	13.56	14.5
		1	38	13.54	13.48	13.63	14.5
		1	74	13.41	13.43	13.63	14.5
		36	0	13.52	13.51	13.65	14.5
		36	18	13.45	13.47	13.68	14.5
		36	39	13.45	13.48	13.76	14.5
		75	0	13.52	13.48	13.64	14.5
	16QAM	1	0	14.07	13.97	14.07	14.5
		1	38	14.12	13.99	14.2	14.5
		1	74	13.94	13.92	14.19	14.5
		36	0	13.5	13.46	13.6	14.5
		36	18	13.44	13.44	13.49	14.5
		36	39	13.51	13.49	13.71	14.5
		75	0	13.33	13.39	13.55	14.5
	64QAM	1	0	13.76	13.44	13.5	14.5
		1	38	12.69	12.62	12.54	14.5
		1	74	13.32	13.34	13.41	14.5
		36	0	13.33	13.27	13.1	14.5
		36	18	13.29	13.27	13.13	14.5
		36	39	13.22	13.3	13.05	14.5
		75	0	13.2	13.21	13.18	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	13.61	13.49	13.53	14.5
		1	50	12.98	12.9	13.04	14.5
		1	99	13.57	13.61	13.71	14.5
		50	0	13.44	13.46	13.54	14.5
		50	25	13.41	13.4	13.58	14.5
		50	50	13.53	13.51	13.74	14.5
		100	0	13.48	13.45	13.59	14.5
	16QAM	1	0	14.28	14.05	14.06	14.5
		1	50	13.42	13.36	13.46	14.5
		1	99	14.11	14.05	14.22	14.5
		50	0	13.37	13.39	13.45	14.5
		50	25	13.36	13.38	13.48	14.5
		50	50	13.45	13.43	13.65	14.5
		100	0	13.45	13.37	13.53	14.5
	64QAM	1	0	13.74	13.49	13.54	14.5
		1	50	12.76	12.62	12.5	14.5
		1	99	13.37	13.38	13.38	14.5
		50	0	13.33	13.27	13.11	14.5
		50	25	13.28	13.2	13.19	14.5
		50	50	13.21	13.32	13.05	14.5
		100	0	13.27	13.3	13.22	14.5

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LTE Band 38 Receiver on(Right head) + hotspot 2.4G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	12.44	12.44	12.67	13.5
		1	13	12.52	12.51	12.6	13.5
		1	24	12.48	12.43	12.65	13.5
		12	0	12.43	12.62	12.67	13.5
		12	6	12.5	12.54	12.68	13.5
		12	13	12.45	12.61	12.65	13.5
		25	0	12.48	12.6	12.71	13.5
	16QAM	1	0	13.02	12.98	13.05	13.5
		1	13	12.96	12.93	13.09	13.5
		1	24	12.93	12.95	12.8	13.5
		12	0	12.58	12.62	12.66	13.5
		12	6	12.54	12.63	12.75	13.5
		12	13	12.47	12.61	12.77	13.5
		25	0	12.41	12.4	12.5	13.5
	64QAM	1	0	12.67	12.44	12.48	13.5
		1	13	11.7	11.59	11.48	13.5
		1	24	12.3	12.38	12.31	13.5
		12	0	12.25	12.25	12.1	13.5
		12	6	12.18	12.13	12.13	13.5
		12	13	12.2	12.22	11.96	13.5
		25	0	12.21	12.19	12.21	13.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	12.41	12.49	12.66	13.5
		1	25	12.31	12.3	12.5	13.5
		1	49	12.52	12.52	12.66	13.5
		25	0	12.37	12.56	12.66	13.5
		25	13	12.41	12.56	12.67	13.5
		25	25	12.59	12.56	12.68	13.5
		50	0	12.39	12.54	12.69	13.5
	16QAM	1	0	12.98	12.92	13	13.5
		1	25	12.83	12.88	13.06	13.5
		1	49	12.95	12.91	13.06	13.5
		25	0	12.33	12.49	12.57	13.5
		25	13	12.39	12.38	12.59	13.5
		25	25	12.41	12.36	12.6	13.5
		50	0	12.39	12.53	12.65	13.5
	64QAM	1	0	12.63	12.49	12.42	13.5
		1	25	11.66	11.58	11.5	13.5
		1	49	12.34	12.27	12.34	13.5
		25	0	12.31	12.16	12.06	13.5
		25	13	12.18	12.19	12.08	13.5
		25	25	12.18	12.21	11.98	13.5
		50	0	12.23	12.19	12.16	13.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	12.42	12.34	12.54	13.5
		1	38	12.55	12.53	12.6	13.5
		1	74	12.46	12.48	12.62	13.5
		36	0	12.53	12.45	12.61	13.5
		36	18	12.47	12.52	12.65	13.5
		36	39	12.46	12.57	12.73	13.5
		75	0	12.4	12.57	12.61	13.5
	16QAM	1	0	12.89	12.78	12.82	13.5
		1	38	12.96	12.96	13.01	13.5
		1	74	12.87	12.88	13.05	13.5
		36	0	12.42	12.47	12.59	13.5
		36	18	12.37	12.4	12.52	13.5
		36	39	12.35	12.45	12.6	13.5
		75	0	12.34	12.46	12.51	13.5
	64QAM	1	0	12.64	12.46	12.43	13.5
		1	38	11.7	11.57	11.39	13.5
		1	74	12.37	12.34	12.28	13.5
		36	0	12.24	12.24	12	13.5
		36	18	12.25	12.12	12.16	13.5
		36	39	12.12	12.3	11.94	13.5
		75	0	12.25	12.22	12.12	13.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	12.58	12.57	12.6	13.5
		1	50	12.51	12.45	12.62	13.5
		1	99	12.67	12.68	12.78	13.5
		50	0	12.51	12.55	12.57	13.5
		50	25	12.49	12.53	12.59	13.5
		50	50	12.5	12.55	12.76	13.5
		100	0	12.62	12.61	12.73	13.5
	16QAM	1	0	13.04	13.03	12.97	13.5
		1	50	12.57	12.6	12.73	13.5
		1	99	13.02	13.04	13.16	13.5
		50	0	12.49	12.53	12.52	13.5
		50	25	12.47	12.5	12.57	13.5
		50	50	12.48	12.51	12.72	13.5
		100	0	12.42	12.54	12.65	13.5
	64QAM	1	0	12.73	12.48	12.53	13.5
		1	50	11.65	11.53	11.44	13.5
		1	99	12.34	12.33	12.26	13.5
		50	0	12.27	12.15	12.04	13.5
		50	25	12.22	12.11	12.11	13.5
		50	50	12.16	12.3	11.95	13.5
		100	0	12.2	12.28	12.17	13.5

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LTE Band 38 Receiver on(Left head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	11.4	11.46	11.58	12.5
		1	13	11.5	11.53	11.62	12.5
		1	24	11.44	11.44	11.66	12.5
		12	0	11.53	11.5	11.7	12.5
		12	6	11.53	11.56	11.75	12.5
		12	13	11.53	11.62	11.66	12.5
		25	0	11.43	11.47	11.61	12.5
	16QAM	1	0	12.01	12.03	12.1	12.5
		1	13	11.96	11.97	12.2	12.5
		1	24	12.06	12	12.1	12.5
		12	0	11.64	11.6	11.78	12.5
		12	6	11.58	11.61	11.77	12.5
		12	13	11.66	11.71	11.88	12.5
		25	0	11.43	11.45	11.57	12.5
	64QAM	1	0	11.57	11.4	11.47	12.5
		1	13	10.66	10.49	10.44	12.5
		1	24	11.27	11.37	11.28	12.5
		12	0	11.24	11.17	11.08	12.5
		12	6	11.09	11.12	11.07	12.5
		12	13	11.18	11.21	10.94	12.5
		25	0	11.16	11.14	11.18	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	11.44	11.45	11.68	12.5
		1	25	11.37	11.37	11.55	12.5
		1	49	11.42	11.46	11.71	12.5
		25	0	11.48	11.49	11.64	12.5
		25	13	11.43	11.49	11.63	12.5
		25	25	11.49	11.49	11.63	12.5
		50	0	11.42	11.48	11.63	12.5
	16QAM	1	0	12.04	12.01	12.07	12.5
		1	25	12.1	12.06	12.27	12.5
		1	49	12.02	12.02	12.14	12.5
		25	0	11.5	11.59	11.61	12.5
		25	13	11.45	11.51	11.63	12.5
		25	25	11.47	11.46	11.6	12.5
		50	0	11.39	11.43	11.58	12.5
	64QAM	1	0	11.65	11.37	11.39	12.5
		1	25	10.66	10.55	10.4	12.5
		1	49	11.21	11.33	11.21	12.5
		25	0	11.23	11.17	11.02	12.5
		25	13	11.16	11.12	11.09	12.5
		25	25	11.1	11.18	10.87	12.5
		50	0	11.12	11.15	11.11	12.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	11.44	11.39	11.58	12.5
		1	38	11.53	11.6	11.71	12.5
		1	74	11.47	11.55	11.59	12.5
		36	0	11.5	11.45	11.69	12.5
		36	18	11.45	11.52	11.57	12.5
		36	39	11.58	11.57	11.76	12.5
		75	0	11.52	11.56	11.65	12.5
	16QAM	1	0	12.04	11.96	11.98	12.5
		1	38	11.9	12.01	12.09	12.5
		1	74	12.04	11.95	12.14	12.5
		36	0	11.42	11.37	11.59	12.5
		36	18	11.37	11.43	11.47	12.5
		36	39	11.37	11.47	11.53	12.5
		75	0	11.46	11.48	11.47	12.5
	64QAM	1	0	11.63	11.41	11.42	12.5
		1	38	10.6	10.59	10.44	12.5
		1	74	11.25	11.3	11.29	12.5
		36	0	11.18	11.21	11.05	12.5
		36	18	11.09	11.05	11.11	12.5
		36	39	11.16	11.16	10.9	12.5
		75	0	11.11	11.18	11.11	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	11.54	11.56	11.73	12.5
		1	50	11.57	11.22	11.55	12.5
		1	99	11.77	11.81	11.85	12.5
		50	0	11.5	11.6	11.6	12.5
		50	25	11.45	11.57	11.62	12.5
		50	50	11.52	11.6	11.76	12.5
		100	0	11.64	11.65	11.63	12.5
	16QAM	1	0	11.58	12.06	11.78	12.5
		1	50	11.44	10.94	11.92	12.5
		1	99	11.58	11.73	12.22	12.5
		50	0	11.58	11.49	11.67	12.5
		50	25	11.4	11.47	11.68	12.5
		50	50	11.44	11.51	11.65	12.5
		100	0	11.55	11.54	11.65	12.5
	64QAM	1	0	11.63	11.4	11.44	12.5
		1	50	10.66	10.55	10.41	12.5
		1	99	11.28	11.34	11.31	12.5
		50	0	11.21	11.23	11.07	12.5
		50	25	11.16	11.04	11.04	12.5
		50	50	11.12	11.13	10.9	12.5
		100	0	11.2	11.12	11.14	12.5

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LTE Band 38 Receiver on(Right head) + hotspot 5G				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	10.43	10.51	10.56	11.5
		1	13	10.53	10.44	10.6	11.5
		1	24	10.35	10.38	10.63	11.5
		12	0	10.43	10.56	10.69	11.5
		12	6	10.55	10.54	10.68	11.5
		12	13	10.45	10.55	10.64	11.5
		25	0	10.47	10.39	10.57	11.5
	16QAM	1	0	10.9	10.95	11.1	11.5
		1	13	11	11.01	11.16	11.5
		1	24	10.95	10.93	11.06	11.5
		12	0	10.67	10.64	10.77	11.5
		12	6	10.5	10.53	10.72	11.5
		12	13	10.55	10.64	10.73	11.5
		25	0	10.46	10.49	10.67	11.5
	64QAM	1	0	10.58	10.29	10.44	11.5
		1	13	9.86	9.93	9.98	11.5
		1	24	10.23	10.24	10.25	11.5
		12	0	10.15	10.15	10.07	11.5
		12	6	10.07	9.99	9.98	11.5
		12	13	10.1	10.07	9.82	11.5
		25	0	10.1	10.07	10.08	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	10.42	10.43	10.58	11.5
		1	25	10.38	10.36	10.5	11.5
		1	49	10.41	10.46	10.59	11.5
		25	0	10.35	10.47	10.53	11.5
		25	13	10.39	10.45	10.65	11.5
		25	25	10.46	10.48	10.64	11.5
		50	0	10.38	10.47	10.53	11.5
	16QAM	1	0	10.88	10.86	10.98	11.5
		1	25	11.06	11.11	11.17	11.5
		1	49	10.98	11.01	11.14	11.5
		25	0	10.46	10.43	10.5	11.5
		25	13	10.41	10.44	10.59	11.5
		25	25	10.44	10.44	10.61	11.5
		50	0	10.36	10.42	10.62	11.5
	64QAM	1	0	10.59	10.33	10.36	11.5
		1	25	9.59	9.5	9.37	11.5
		1	49	10.17	10.32	10.21	11.5
		25	0	10.14	10.15	10.04	11.5
		25	13	10.1	9.95	9.94	11.5
		25	25	10.09	10.13	9.82	11.5
		50	0	10.19	10.03	10.11	11.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	10.34	10.3	10.52	11.5
		1	38	10.53	10.5	10.63	11.5
		1	74	10.39	10.48	10.66	11.5
		36	0	10.52	10.49	10.63	11.5
		36	18	10.48	10.43	10.62	11.5
		36	39	10.49	10.5	10.7	11.5
		75	0	10.42	10.48	10.59	11.5
	16QAM	1	0	10.93	10.85	10.92	11.5
		1	38	10.98	11.04	11.03	11.5
		1	74	10.95	10.89	11.07	11.5
		36	0	10.32	10.4	10.42	11.5
		36	18	10.28	10.33	10.4	11.5
		36	39	10.41	10.4	10.61	11.5
		75	0	10.37	10.41	10.41	11.5
	64QAM	1	0	10.52	10.32	10.43	11.5
		1	38	9.58	9.49	9.39	11.5
		1	74	10.19	10.33	10.23	11.5
		36	0	10.2	10.14	10	11.5
		36	18	10.13	10.02	10.04	11.5
		36	39	10.1	10.03	9.87	11.5
		75	0	10.13	10.04	10.07	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	10.46	10.48	10.55	11.5
		1	50	10.39	10.37	10.48	11.5
		1	99	10.5	10.53	10.78	11.5
		50	0	10.52	10.46	10.6	11.5
		50	25	10.38	10.44	10.61	11.5
		50	50	10.42	10.6	10.63	11.5
		100	0	10.52	10.53	10.62	11.5
	16QAM	1	0	11.05	11.05	11.08	11.5
		1	50	11.05	11.04	11.2	11.5
		1	99	11.07	11.07	11.21	11.5
		50	0	10.35	10.41	10.55	11.5
		50	25	10.34	10.4	10.56	11.5
		50	50	10.38	10.55	10.6	11.5
		100	0	10.45	10.45	10.54	11.5
	64QAM	1	0	10.6	10.4	10.41	11.5
		1	50	9.59	9.53	9.41	11.5
		1	99	10.25	10.3	10.3	11.5
		50	0	10.15	10.19	9.96	11.5
		50	25	10.13	9.98	9.94	11.5
		50	50	10.09	10.05	9.85	11.5
		100	0	10.11	10.09	10.1	11.5

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LTE Band 38 Receiver on(Left head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	14.57	14.51	14.61	16
		1	13	14.53	14.62	14.83	16
		1	24	14.48	14.52	14.79	16
		12	0	14.53	14.56	14.76	16
		12	6	14.64	14.54	14.62	16
		12	13	14.55	14.54	14.74	16
		25	0	14.45	14.52	14.72	16
	16QAM	1	0	14.47	14.48	14.75	16
		1	13	14.61	14.54	14.59	16
		1	24	14.57	14.47	14.95	16
		12	0	14.48	14.56	14.79	16
		12	6	14.49	14.58	14.69	16
		12	13	14.48	14.5	14.67	16
		25	0	14.55	14.48	14.69	16
	64QAM	1	0	14.58	14.3	14.35	16
		1	13	13.48	13.45	13.39	16
		1	24	14.13	14.25	14.26	16
		12	0	14.05	14.08	13.94	16
		12	6	14.03	13.93	13.85	16
		12	13	14.08	13.98	13.82	16
		25	0	14.08	14.03	14.04	16

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	14.45	14.52	14.6	16
		1	25	14.11	14.04	14.14	16
		1	49	14.55	14.57	14.54	16
		25	0	14.49	14.5	14.59	16
		25	13	14.52	14.51	14.71	16
		25	25	14.58	14.62	14.7	16
		50	0	14.52	14.61	14.64	16
	16QAM	1	0	14.37	14.47	14.71	16
		1	25	14.53	14.35	14.79	16
		1	49	14.47	14.47	14.85	16
		25	0	14.45	14.48	14.55	16
		25	13	14.33	14.47	14.57	16
		25	25	14.42	14.46	14.72	16
		50	0	14.49	14.46	14.61	16
	64QAM	1	0	14.5	14.4	14.39	16
		1	25	13.51	13.5	13.33	16
		1	49	14.21	14.23	14.2	16
		25	0	14.11	14.09	13.91	16
		25	13	14.12	13.87	13.91	16
		25	25	14.05	13.96	13.75	16
		50	0	14.05	14.08	14.09	16
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	14.41	14.48	14.55	16
		1	38	14.55	14.58	14.64	16
		1	74	14.43	14.52	14.56	16
		36	0	14.53	14.55	14.62	16
		36	18	14.52	14.5	14.67	16
		36	39	14.62	14.67	14.68	16
		75	0	14.58	14.54	14.69	16
	16QAM	1	0	14.48	14.64	14.57	16
		1	38	14.65	14.62	14.63	16
		1	74	14.69	14.69	14.73	16
		36	0	14.45	14.49	14.55	16
		36	18	14.45	14.52	14.68	16
		36	39	14.44	14.6	14.64	16
		75	0	14.4	14.48	14.52	16
	64QAM	1	0	14.52	14.3	14.32	16
		1	38	13.48	13.46	13.39	16
		1	74	14.14	14.19	14.22	16
		36	0	14.09	14.1	13.85	16
		36	18	14.03	13.94	13.93	16
		36	39	14.04	13.99	13.8	16
		75	0	14.11	14.05	13.99	16

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	14.61	14.64	14.63	16
		1	50	14.46	14.04	14.72	16
		1	99	14.6	14.79	14.84	16
		50	0	14.57	14.59	14.64	16
		50	25	14.54	14.57	14.69	16
		50	50	14.51	14.59	14.72	16
		100	0	14.57	14.65	14.69	16
	16QAM	1	0	14.87	14.59	14.51	16
		1	50	14.79	14.53	14.04	16
		1	99	14.71	14.77	14.97	16
		50	0	14.51	14.55	14.6	16
		50	25	14.5	14.5	14.63	16
		50	50	14.45	14.51	14.66	16
		100	0	14.54	14.45	14.64	16
	64QAM	1	0	14.49	14.3	14.33	16
		1	50	14.28	14.32	14.16	16
		1	99	14.22	14.21	14.23	16
		50	0	14.09	14.17	13.86	16
		50	25	14.07	14.12	14.09	16
		50	50	14	14.03	14.16	16
		100	0	14.07	13.98	14.06	16

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LTE Band 38 Receiver on(Right head) + BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.54	13.38	13.6	15
		1	13	13.57	13.4	13.71	15
		1	24	13.47	13.37	13.74	15
		12	0	13.52	13.51	13.76	15
		12	6	13.53	13.54	13.7	15
		12	13	13.55	13.51	13.74	15
		25	0	13.47	13.51	13.68	15
	16QAM	1	0	13.65	13.76	13.84	15
		1	13	13.27	13.85	13.98	15
		1	24	13.29	13.75	14.02	15
		12	0	13.52	13.34	13.72	15
		12	6	13.31	13.19	13.59	15
		12	13	13.47	13.42	13.69	15
		25	0	13.49	13.52	13.58	15
	64QAM	1	0	13.48	13.28	13.29	15
		1	13	12.38	12.35	12.31	15
		1	24	13.1	13.2	13.15	15
		12	0	13.01	13.03	12.85	15
		12	6	13.02	12.92	12.84	15
		12	13	12.99	12.91	12.72	15
		25	0	13.07	13	13.01	15

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	13.51	13.44	13.65	15
		1	25	13.53	13.48	13.7	15
		1	49	13.52	13.51	13.57	15
		25	0	13.52	13.55	13.63	15
		25	13	13.55	13.43	13.76	15
		25	25	13.48	13.53	13.73	15
		50	0	13.55	13.52	13.77	15
	16QAM	1	0	13.38	13.62	13.93	15
		1	25	13.27	13.38	12.91	15
		1	49	13.39	13.07	13.83	15
		25	0	13.39	13.37	13.58	15
		25	13	13.38	13.4	13.72	15
		25	25	13.41	13.38	13.58	15
		50	0	13.39	13.39	13.57	15
	64QAM	1	0	13.53	13.27	13.28	15
		1	25	12.39	12.39	12.33	15
		1	49	13.12	13.17	13.17	15
		25	0	13	13	12.88	15
		25	13	12.94	12.88	12.79	15
		25	25	13.08	12.95	12.77	15
		50	0	12.98	12.96	12.95	15
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.43	13.43	13.51	15
		1	38	13.49	13.49	13.58	15
		1	74	13.46	13.45	13.67	15
		36	0	13.49	13.51	13.66	15
		36	18	13.54	13.51	13.69	15
		36	39	13.5	13.54	13.77	15
		75	0	13.49	13.54	13.65	15
	16QAM	1	0	13.55	13.66	13.64	15
		1	38	13.75	13.76	13.72	15
		1	74	13.48	13.59	13.74	15
		36	0	13.59	13.44	13.74	15
		36	18	13.57	13.39	13.58	15
		36	39	13.52	13.53	13.72	15
		75	0	13.42	13.42	13.58	15
	64QAM	1	0	13.48	13.28	13.27	15
		1	38	12.46	12.43	12.37	15
		1	74	13.06	13.14	13.15	15
		36	0	12.98	12.99	12.88	15
		36	18	12.94	12.89	12.81	15
		36	39	13.01	12.96	12.75	15
		75	0	13.01	12.98	12.95	15

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	13.55	13.63	13.66	15
		1	50	13.37	13.21	13.92	15
		1	99	13.49	13.79	13.73	15
		50	0	13.44	13.53	13.61	15
		50	25	13.66	13.57	13.66	15
		50	50	13.53	13.59	13.84	15
		100	0	13.5	13.53	13.67	15
	16QAM	1	0	13.82	13.53	13.83	15
		1	50	13.41	13.79	13.92	15
		1	99	13.83	13.89	14.06	15
		50	0	13.37	13.46	13.53	15
		50	25	13.35	13.43	13.64	15
		50	50	13.46	13.49	13.6	15
		100	0	13.43	13.44	13.59	15
	64QAM	1	0	13.58	13.28	13.3	15
		1	50	13.47	13.4	13.29	15
		1	99	13.09	13.17	13.24	15
		50	0	13.05	13.05	12.93	15
		50	25	12.98	12.92	12.84	15
		50	50	13.04	13.05	13.09	15
		100	0	13.14	13.11	13.07	15

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LTE Band 38 Receiver off（body or limbs）+ BT				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	16.62	16.56	16.73	18
		1	13	16.41	16.44	16.82	18
		1	24	16.6	16.64	16.75	18
		12	0	16.57	16.7	16.74	18
		12	6	16.4	16.58	16.72	18
		12	13	16.59	16.56	16.84	18
		25	0	16.5	16.54	16.6	18
	16QAM	1	0	16.59	16.61	16.94	18
		1	13	16.64	16.54	16.58	18
		1	24	16.61	16.6	16.91	18
		12	0	16.53	16.57	16.69	18
		12	6	16.33	16.63	16.51	18
		12	13	16.6	16.47	16.81	18
		25	0	16.5	16.47	16.65	18
	64QAM	1	0	16.42	16.24	16.27	18
		1	13	15.37	15.29	15.31	18
		1	24	16.08	16.19	16.1	18
		12	0	15.95	16.01	15.77	18
		12	6	15.98	15.88	15.8	18
		12	13	15.9	15.84	15.63	18
		25	0	16.05	15.94	15.95	18

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	16.53	16.64	16.74	18
		1	25	16.39	16.36	16.54	18
		1	49	16.7	16.57	16.76	18
		25	0	16.45	16.57	16.68	18
		25	13	16.63	16.58	16.65	18
		25	25	16.56	16.57	16.7	18
		50	0	16.63	16.56	16.68	18
	16QAM	1	0	16.59	16.74	16.62	18
		1	25	16.25	16.2	16.74	18
		1	49	16.41	16.76	16.61	18
		25	0	16.43	16.53	16.76	18
		25	13	16.4	16.54	16.7	18
		25	25	16.48	16.55	16.67	18
		50	0	16.49	16.56	16.63	18
	64QAM	1	0	16.47	16.21	16.29	18
		1	25	15.33	15.34	15.24	18
		1	49	16.02	16.1	16.1	18
		25	0	15.99	15.97	15.79	18
		25	13	16	15.88	15.78	18
		25	25	15.99	15.89	15.63	18
		50	0	16.02	15.92	15.98	18
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	16.43	16.43	16.5	18
		1	38	16.5	16.65	16.58	18
		1	74	16.43	16.59	16.63	18
		36	0	16.53	16.52	16.69	18
		36	18	16.6	16.55	16.62	18
		36	39	16.59	16.63	16.79	18
		75	0	16.55	16.62	16.68	18
	16QAM	1	0	16.64	16.52	16.49	18
		1	38	16.81	16.46	16.85	18
		1	74	16.49	16.43	16.85	18
		36	0	16.59	16.46	16.64	18
		36	18	16.55	16.58	16.65	18
		36	39	16.55	16.61	16.69	18
		75	0	16.47	16.58	16.56	18
	64QAM	1	0	16.48	16.23	16.28	18
		1	38	15.36	15.3	15.3	18
		1	74	16.08	16.1	16.09	18
		36	0	15.92	16.03	15.76	18
		36	18	15.95	15.89	15.74	18
		36	39	15.96	15.85	15.71	18
		75	0	16.01	15.96	15.93	18

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	16.57	16.58	16.63	18
		1	50	16.23	16.23	16.3	18
		1	99	16.52	16.75	16.88	18
		50	0	16.56	16.53	16.65	18
		50	25	16.58	16.63	16.56	18
		50	50	16.62	16.63	16.75	18
		100	0	16.58	16.6	16.72	18
	16QAM	1	0	16.44	16.89	16.76	18
		1	50	15.98	16.5	16.94	18
		1	99	16.62	16.86	16.9	18
		50	0	16.49	16.52	16.59	18
		50	25	16.41	16.62	16.52	18
		50	50	16.58	16.52	16.69	18
		100	0	16.41	16.46	16.61	18
	64QAM	1	0	16.4	16.27	16.27	18
		1	50	15.38	15.35	15.28	18
		1	99	16.02	16.18	16.14	18
		50	0	15.97	16.02	15.78	18
		50	25	15.97	15.92	15.78	18
		50	50	15.98	15.88	15.67	18
		100	0	15.99	15.93	15.93	18

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LTE Band 38 Receiver on(Left head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.56	13.55	13.78	14.5
		1	13	13.47	13.56	13.72	14.5
		1	24	13.51	13.52	13.61	14.5
		12	0	13.52	13.53	13.71	14.5
		12	6	13.62	13.5	13.8	14.5
		12	13	13.53	13.52	13.81	14.5
		25	0	13.43	13.39	13.73	14.5
	16QAM	1	0	13.81	13.8	13.89	14.5
		1	13	13.65	13.27	13.84	14.5
		1	24	13.62	13.35	13.92	14.5
		12	0	13.46	13.4	13.56	14.5
		12	6	13.46	13.56	13.6	14.5
		12	13	13.43	13.45	13.72	14.5
		25	0	13.37	13.32	13.49	14.5
	64QAM	1	0	13.32	13.22	13.15	14.5
		1	13	12.37	12.27	12.18	14.5
		1	24	12.9	13.16	13.04	14.5
		12	0	12.97	12.94	12.69	14.5
		12	6	12.95	12.91	12.75	14.5
		12	13	12.95	12.84	12.61	14.5
		25	0	12.92	12.83	12.87	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	13.47	13.44	13.78	14.5
		1	25	13.04	14.03	14.05	14.5
		1	49	13.46	13.46	13.65	14.5
		25	0	13.5	13.56	13.73	14.5
		25	13	13.52	13.39	13.72	14.5
		25	25	13.58	13.5	13.73	14.5
		50	0	13.52	13.49	13.73	14.5
	16QAM	1	0	13.78	13.72	13.65	14.5
		1	25	14.03	13.55	14.13	14.5
		1	49	13.87	13.54	13.72	14.5
		25	0	13.46	13.46	13.69	14.5
		25	13	13.5	13.46	13.64	14.5
		25	25	13.57	13.33	13.8	14.5
		50	0	13.43	13.47	13.58	14.5
	64QAM	1	0	13.31	13.2	13.22	14.5
		1	25	12.37	12.28	12.21	14.5
		1	49	13.02	13.07	13.01	14.5
		25	0	12.87	13	12.7	14.5
		25	13	12.91	12.9	12.68	14.5
		25	25	12.98	12.82	12.56	14.5
		50	0	12.87	12.86	12.83	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.54	13.46	13.56	14.5
		1	38	13.36	13.51	13.61	14.5
		1	74	13.44	13.59	13.63	14.5
		36	0	13.54	13.48	13.63	14.5
		36	18	13.64	13.54	13.7	14.5
		36	39	13.48	13.62	13.79	14.5
		75	0	13.52	13.5	13.65	14.5
	16QAM	1	0	13.26	13.77	13.51	14.5
		1	38	13.88	13.59	13.65	14.5
		1	74	13.58	13.44	13.8	14.5
		36	0	13.45	13.41	13.57	14.5
		36	18	13.39	13.41	13.58	14.5
		36	39	13.47	13.47	13.7	14.5
		75	0	13.47	13.46	13.56	14.5
	64QAM	1	0	13.31	13.16	13.22	14.5
		1	38	12.27	12.32	12.16	14.5
		1	74	12.89	13.12	13.14	14.5
		36	0	12.96	12.92	12.71	14.5
		36	18	12.93	12.81	12.67	14.5
		36	39	12.87	12.78	12.63	14.5
		75	0	12.99	12.86	12.85	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	13.62	13.61	13.58	14.5
		1	50	12.99	13.56	14.06	14.5
		1	99	13.66	13.8	13.77	14.5
		50	0	13.5	13.49	13.6	14.5
		50	25	13.45	13.48	13.66	14.5
		50	50	13.58	13.54	13.71	14.5
		100	0	13.44	13.54	13.66	14.5
	16QAM	1	0	13.7	13.73	13.75	14.5
		1	50	13.46	13.46	14.17	14.5
		1	99	13.44	13.74	13.89	14.5
		50	0	13.39	13.38	13.61	14.5
		50	25	13.37	13.41	13.58	14.5
		50	50	13.49	13.43	13.73	14.5
		100	0	13.42	13.46	13.57	14.5
	64QAM	1	0	13.37	13.25	13.17	14.5
		1	50	12.33	12.25	12.25	14.5
		1	99	12.97	13.11	13.02	14.5
		50	0	12.92	12.97	12.98	14.5
		50	25	12.85	12.84	12.86	14.5
		50	50	12.88	12.8	12.88	14.5
		100	0	12.87	12.9	12.89	14.5

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LTE Band 38 Receiver on(Right head) + WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	12.36	12.52	12.69	13.5
		1	13	12.5	12.5	12.61	13.5
		1	24	12.42	12.43	12.65	13.5
		12	0	12.5	12.53	12.71	13.5
		12	6	12.43	12.55	12.67	13.5
		12	13	12.51	12.66	12.81	13.5
		25	0	12.54	12.63	12.74	13.5
	16QAM	1	0	12.89	12.85	12.63	13.5
		1	13	12.36	12.78	12.93	13.5
		1	24	12.72	12.84	12.84	13.5
		12	0	12.4	12.51	12.76	13.5
		12	6	12.48	12.61	12.66	13.5
		12	13	12.41	12.39	12.54	13.5
		25	0	12.44	12.44	12.69	13.5
	64QAM	1	0	12.31	12.2	12.11	13.5
		1	13	11.34	11.21	11.09	13.5
		1	24	11.81	12.08	12.01	13.5
		12	0	11.93	11.92	11.62	13.5
		12	6	11.93	11.89	11.68	13.5
		12	13	11.89	11.82	11.53	13.5
		25	0	11.89	11.74	11.78	13.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	12.41	12.49	12.64	13.5
		1	25	12.12	12.46	12.71	13.5
		1	49	12.38	12.63	12.72	13.5
		25	0	12.51	12.54	12.65	13.5
		25	13	12.53	12.55	12.77	13.5
		25	25	12.59	12.53	12.65	13.5
		50	0	12.52	12.52	12.65	13.5
	16QAM	1	0	12.65	12.63	12.97	13.5
		1	25	12.58	12.33	13.08	13.5
		1	49	12.5	12.76	12.93	13.5
		25	0	12.47	12.43	12.71	13.5
		25	13	12.29	12.47	12.7	13.5
		25	25	12.56	12.48	12.71	13.5
		50	0	12.42	12.45	12.5	13.5
	64QAM	1	0	12.32	12.2	12.05	13.5
		1	25	11.37	11.22	11.16	13.5
		1	49	11.89	12.14	12.04	13.5
		25	0	11.89	11.86	11.6	13.5
		25	13	11.87	11.9	11.73	13.5
		25	25	11.9	11.78	11.59	13.5
		50	0	11.91	11.77	11.77	13.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	12.5	12.51	12.59	13.5
		1	38	12.55	12.54	12.76	13.5
		1	74	12.59	12.52	12.66	13.5
		36	0	12.53	12.56	12.7	13.5
		36	18	12.6	12.62	12.73	13.5
		36	39	12.57	12.67	12.81	13.5
		75	0	12.52	12.66	12.7	13.5
	16QAM	1	0	12.57	12.86	12.81	13.5
		1	38	12.67	13.06	12.78	13.5
		1	74	12.35	12.68	12.92	13.5
		36	0	12.56	12.46	12.67	13.5
		36	18	12.53	12.61	12.57	13.5
		36	39	12.49	12.55	12.73	13.5
		75	0	12.45	12.56	12.6	13.5
	64QAM	1	0	12.3	12.19	12.11	13.5
		1	38	11.3	11.21	11.13	13.5
		1	74	11.81	12.15	11.95	13.5
		36	0	11.88	11.9	11.6	13.5
		36	18	11.88	11.87	11.74	13.5
		36	39	11.93	11.8	11.54	13.5
		75	0	11.89	11.82	11.8	13.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	12.59	12.67	12.53	13.5
		1	50	12.54	13.01	12.8	13.5
		1	99	12.63	12.78	12.94	13.5
		50	0	12.5	12.66	12.68	13.5
		50	25	12.6	12.64	12.7	13.5
		50	50	12.6	12.65	12.77	13.5
		100	0	12.6	12.58	12.71	13.5
	16QAM	1	0	12.86	12.97	12.89	13.5
		1	50	13.04	12.43	12.67	13.5
		1	99	12.76	12.58	12.88	13.5
		50	0	12.41	12.42	12.56	13.5
		50	25	12.36	12.51	12.55	13.5
		50	50	12.51	12.59	12.71	13.5
		100	0	12.55	12.49	12.62	13.5
	64QAM	1	0	12.22	12.37	12.12	13.5
		1	50	11.35	11.25	11.14	13.5
		1	99	11.83	12.08	12.02	13.5
		50	0	11.94	11.84	11.64	13.5
		50	25	11.85	11.81	11.7	13.5
		50	50	11.95	11.79	11.58	13.5
		100	0	11.87	11.83	11.87	13.5

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LTE Band 38 Receiver off （body or limbs）+ WiFi2.4G Ant1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	15.51	15.49	15.79	16.5
		1	13	15.49	15.54	15.7	16.5
		1	24	15.42	15.48	15.71	16.5
		12	0	15.5	15.56	15.78	16.5
		12	6	15.6	15.45	15.68	16.5
		12	13	15.52	15.53	15.74	16.5
		25	0	15.54	15.4	15.67	16.5
	16QAM	1	0	15.58	15.63	15.77	16.5
		1	13	15.59	15.87	15.61	16.5
		1	24	15.5	15.8	15.66	16.5
		12	0	15.45	15.42	15.69	16.5
		12	6	15.34	15.52	15.49	16.5
		12	13	15.39	15.51	15.74	16.5
		25	0	15.56	15.48	15.62	16.5
	64QAM	1	0	15.26	15.31	15.21	16.5
		1	13	15.13	14.12	15.07	16.5
		1	24	15.15	15.22	15.29	16.5
		12	0	15.28	15.3	15.23	16.5
		12	6	15.14	15.08	15.07	16.5
		12	13	15.19	15.17	14.98	16.5
		25	0	15.2	15.19	15.17	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	15.44	15.43	15.69	16.5
		1	25	15.25	15.72	15.93	16.5
		1	49	15.42	15.55	15.6	16.5
		25	0	15.4	15.5	15.63	16.5
		25	13	15.49	15.56	15.77	16.5
		25	25	15.54	15.49	15.79	16.5
		50	0	15.48	15.47	15.77	16.5
	16QAM	1	0	15.45	15.34	15.64	16.5
		1	25	15.12	15.61	15.74	16.5
		1	49	15.39	15.37	15.57	16.5
		25	0	15.42	15.5	15.53	16.5
		25	13	15.53	15.52	15.52	16.5
		25	25	15.49	15.43	15.64	16.5
		50	0	15.41	15.38	15.56	16.5
	64QAM	1	0	15.31	15.34	15.19	16.5
		1	25	15.12	14.23	15.03	16.5
		1	49	15.1	15.18	15.29	16.5
		25	0	15.32	15.35	15.27	16.5
		25	13	15.07	15.06	15.01	16.5
		25	25	15.19	15.16	14.98	16.5
		50	0	15.16	15.15	15.11	16.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	15.42	15.44	15.48	16.5
		1	38	15.45	15.43	15.66	16.5
		1	74	15.45	15.52	15.7	16.5
		36	0	15.46	15.57	15.7	16.5
		36	18	15.47	15.53	15.6	16.5
		36	39	15.48	15.51	15.71	16.5
		75	0	15.52	15.51	15.67	16.5
	16QAM	1	0	15.52	15.46	15.65	16.5
		1	38	15.71	15.61	15.74	16.5
		1	74	15.41	15.62	15.66	16.5
		36	0	15.34	15.37	15.61	16.5
		36	18	15.5	15.48	15.53	16.5
		36	39	15.38	15.52	15.69	16.5
		75	0	15.46	15.46	15.51	16.5
	64QAM	1	0	15.28	15.32	15.24	16.5
		1	38	15.08	14.13	15.03	16.5
		1	74	15.19	15.17	15.2	16.5
		36	0	15.33	15.24	15.27	16.5
		36	18	15.11	15.07	15.02	16.5
		36	39	15.21	15.06	14.99	16.5
		75	0	15.19	15.27	15.21	16.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	15.5	15.58	15.58	16.5
		1	50	15.07	14.65	15.65	16.5
		1	99	15.48	15.66	15.83	16.5
		50	0	15.36	15.56	15.55	16.5
		50	25	15.53	15.51	15.6	16.5
		50	50	15.53	15.55	15.65	16.5
		100	0	15.48	15.49	15.59	16.5
	16QAM	1	0	15.61	15.45	15.76	16.5
		1	50	15.78	15.91	15.47	16.5
		1	99	15.63	15.88	16.22	16.5
		50	0	15.29	15.44	15.61	16.5
		50	25	15.37	15.44	15.54	16.5
		50	50	15.47	15.59	15.7	16.5
		100	0	15.44	15.45	15.6	16.5
	64QAM	1	0	15.33	15.37	15.26	16.5
		1	50	15.16	14.23	15.14	16.5
		1	99	15.22	15.29	15.31	16.5
		50	0	15.38	15.36	15.3	16.5
		50	25	15.17	15.15	15.11	16.5
		50	50	15.21	15.18	15.09	16.5
		100	0	15.25	15.27	15.22	16.5

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LTE Band 38 Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	11.42	11.51	11.75	12.5
		1	13	11.51	11.56	11.7	12.5
		1	24	11.44	11.6	11.58	12.5
		12	0	11.52	11.49	11.67	12.5
		12	6	11.08	11.51	11.42	12.5
		12	13	11.54	11.62	11.75	12.5
		25	0	11.43	11.52	11.58	12.5
	16QAM	1	0	11.63	12.01	11.63	12.5
		1	13	11.59	12.08	11.68	12.5
		1	24	11.48	11.94	11.58	12.5
		12	0	11.48	11.57	11.68	12.5
		12	6	11.45	11.41	11.61	12.5
		12	13	11.38	11.53	11.63	12.5
		25	0	11.35	11.38	11.56	12.5
	64QAM	1	0	11.51	11.54	11.57	12.5
		1	13	11.6	11.81	11.79	12.5
		1	24	11.6	11.54	11.66	12.5
		12	0	11.41	11.42	11.53	12.5
		12	6	11.34	11.39	11.26	12.5
		12	13	11.19	11.26	11.33	12.5
		25	0	11.39	11.26	11.37	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	11.49	11.48	11.67	12.5
		1	25	11.78	11.57	11.82	12.5
		1	49	11.58	11.64	11.66	12.5
		25	0	11.52	11.48	11.61	12.5
		25	13	11.42	11.5	11.71	12.5
		25	25	11.49	11.49	11.71	12.5
		50	0	11.54	11.59	11.73	12.5
	16QAM	1	0	11.67	11.76	11.54	12.5
		1	25	11.9	11.75	11.47	12.5
		1	49	11.44	11.4	11.98	12.5
		25	0	11.4	11.57	11.56	12.5
		25	13	11.34	11.43	11.57	12.5
		25	25	11.45	11.44	11.56	12.5
		50	0	11.32	11.42	11.64	12.5
	64QAM	1	0	11.62	11.71	11.52	12.5
		1	25	11.49	11.61	11.71	12.5
		1	49	11.65	11.52	11.89	12.5
		25	0	11.27	11.24	11.57	12.5
		25	13	11.32	11.43	11.29	12.5
		25	25	11.41	11.53	11.52	12.5
		50	0	11.08	11.25	11.44	12.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	11.45	11.37	11.52	12.5
		1	38	11.53	11.61	11.7	12.5
		1	74	11.45	11.59	11.69	12.5
		36	0	11.49	11.58	11.62	12.5
		36	18	11.57	11.64	11.65	12.5
		36	39	11.56	11.57	11.73	12.5
		75	0	11.52	11.56	11.62	12.5
	16QAM	1	0	11.66	11.46	11.75	12.5
		1	38	11.89	11.7	11.89	12.5
		1	74	11.65	11.75	12.06	12.5
		36	0	11.46	11.52	11.68	12.5
		36	18	11.57	11.51	11.51	12.5
		36	39	11.5	11.48	11.79	12.5
		75	0	11.39	11.42	11.49	12.5
	64QAM	1	0	11.68	11.7	11.44	12.5
		1	38	11.57	11.55	11.93	12.5
		1	74	11.48	11.31	11.94	12.5
		36	0	11.28	11.12	11.34	12.5
		36	18	11.14	11.33	11.31	12.5
		36	39	11.3	11.55	11.36	12.5
		75	0	11.16	11.41	11.53	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	11.6	11.51	11.71	12.5
		1	50	11.63	11.58	11.68	12.5
		1	99	11.61	11.66	11.77	12.5
		50	0	11.52	11.61	11.65	12.5
		50	25	11.51	11.58	11.69	12.5
		50	50	11.53	11.62	11.72	12.5
		100	0	11.52	11.54	11.7	12.5
	16QAM	1	0	11.77	11.75	11.68	12.5
		1	50	11.81	11.82	12	12.5
		1	99	11.66	11.64	11.97	12.5
		50	0	11.57	11.43	11.57	12.5
		50	25	11.46	11.53	11.6	12.5
		50	50	11.47	11.6	11.61	12.5
		100	0	11.43	11.44	11.62	12.5
	64QAM	1	0	11.71	11.53	11.57	12.5
		1	50	11.71	11.56	11.92	12.5
		1	99	11.33	11.63	11.67	12.5
		50	0	11.46	11.14	11.32	12.5
		50	25	11.12	11.18	11.31	12.5
		50	50	11.21	11.46	11.59	12.5
		100	0	11.1	11.29	11.38	12.5

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LTE Band 38 Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	10.4	10.45	10.7	11.5
		1	13	10.48	10.46	10.69	11.5
		1	24	10.37	10.39	10.6	11.5
		12	0	10.47	10.58	10.65	11.5
		12	6	10.21	10.47	10.51	11.5
		12	13	10.5	10.58	10.63	11.5
		25	0	10.53	10.43	10.55	11.5
	16QAM	1	0	10.62	10.62	10.73	11.5
		1	13	10.37	10.56	10.9	11.5
		1	24	10.57	10.36	10.83	11.5
		12	0	10.34	10.52	10.54	11.5
		12	6	10.3	10.46	10.68	11.5
		12	13	10.35	10.53	10.5	11.5
		25	0	10.44	10.4	10.61	11.5
	64QAM	1	0	10.39	10.45	10.5	11.5
		1	13	10.53	10.7	10.74	11.5
		1	24	10.52	10.44	10.63	11.5
		12	0	10.41	10.38	10.53	11.5
		12	6	10.25	10.3	10.15	11.5
		12	13	10.05	10.17	10.29	11.5
		25	0	10.37	10.12	10.25	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	10.43	10.45	10.63	11.5
		1	25	10.57	10.54	10.6	11.5
		1	49	10.56	10.53	10.7	11.5
		25	0	10.47	10.44	10.59	11.5
		25	13	10.49	10.44	10.68	11.5
		25	25	10.43	10.46	10.7	11.5
		50	0	10.5	10.43	10.57	11.5
	16QAM	1	0	10.7	10.55	10.74	11.5
		1	25	10.53	10.26	10.28	11.5
		1	49	10.6	10.6	10.73	11.5
		25	0	10.35	10.45	10.51	11.5
		25	13	10.44	10.52	10.59	11.5
		25	25	10.36	10.51	10.63	11.5
		50	0	10.43	10.49	10.59	11.5
	64QAM	1	0	10.44	10.41	10.44	11.5
		1	25	10.58	10.75	10.66	11.5
		1	49	10.46	10.45	10.51	11.5
		25	0	10.27	10.31	10.49	11.5
		25	13	10.3	10.26	10.17	11.5
		25	25	10.06	10.2	10.33	11.5
		50	0	10.26	10.11	10.24	11.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	10.39	10.49	10.48	11.5
		1	38	10.46	10.54	10.62	11.5
		1	74	10.55	10.54	10.68	11.5
		36	0	10.58	10.52	10.72	11.5
		36	18	10.51	10.58	10.6	11.5
		36	39	10.52	10.65	10.69	11.5
		75	0	10.46	10.5	10.57	11.5
	16QAM	1	0	10.43	10.44	10.53	11.5
		1	38	10.5	10.53	10.74	11.5
		1	74	10.43	10.4	10.8	11.5
		36	0	10.47	10.42	10.58	11.5
		36	18	10.42	10.49	10.62	11.5
		36	39	10.43	10.55	10.66	11.5
		75	0	10.39	10.51	10.62	11.5
	64QAM	1	0	10.44	10.51	10.51	11.5
		1	38	10.46	10.68	10.79	11.5
		1	74	10.57	10.53	10.59	11.5
		36	0	10.29	10.37	10.4	11.5
		36	18	10.3	10.37	10.24	11.5
		36	39	10.1	10.19	10.3	11.5
		75	0	10.36	10.19	10.32	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	10.52	10.48	10.61	11.5
		1	50	10.36	10.59	10.64	11.5
		1	99	10.52	10.61	10.8	11.5
		50	0	10.55	10.5	10.57	11.5
		50	25	10.53	10.47	10.6	11.5
		50	50	10.56	10.64	10.76	11.5
		100	0	10.56	10.57	10.61	11.5
	16QAM	1	0	10.28	10.66	10.67	11.5
		1	50	10.7	10.7	10.52	11.5
		1	99	10.43	10.95	10.87	11.5
		50	0	10.35	10.41	10.59	11.5
		50	25	10.48	10.54	10.62	11.5
		50	50	10.48	10.56	10.65	11.5
		100	0	10.48	10.49	10.54	11.5
	64QAM	1	0	10.43	10.46	10.48	11.5
		1	50	10.56	10.69	10.71	11.5
		1	99	10.55	10.52	10.57	11.5
		50	0	10.29	10.36	10.39	11.5
		50	25	10.23	10.31	10.22	11.5
		50	50	10.11	10.14	10.18	11.5
		100	0	10.27	10.21	10.28	11.5

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LTE Band 38 Receiver off （body or limbs）+ WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.56	13.48	13.7	14.5
		1	13	13.57	13.51	13.65	14.5
		1	24	13.51	13.48	13.67	14.5
		12	0	13.58	13.52	13.82	14.5
		12	6	13.54	13.41	13.5	14.5
		12	13	13.59	13.57	13.77	14.5
		25	0	13.64	13.57	13.7	14.5
	16QAM	1	0	13.49	13.63	13.51	14.5
		1	13	13.68	13.54	13.6	14.5
		1	24	13.5	13.56	13.55	14.5
		12	0	13.55	13.51	13.61	14.5
		12	6	13.5	13.53	13.62	14.5
		12	13	13.43	13.39	13.65	14.5
		25	0	13.42	13.52	13.59	14.5
	64QAM	1	0	13.33	13.41	13.46	14.5
		1	13	13.45	13.53	13.58	14.5
		1	24	13.41	13.46	13.46	14.5
		12	0	13.19	13.22	13.25	14.5
		12	6	13.18	13.22	13.11	14.5
		12	13	12.97	13.13	13.13	14.5
		25	0	13.15	13.08	13.26	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	13.55	13.45	13.74	14.5
		1	25	13.57	13.44	13.73	14.5
		1	49	13.54	13.49	13.75	14.5
		25	0	13.53	13.51	13.67	14.5
		25	13	13.56	13.53	13.8	14.5
		25	25	13.5	13.45	13.69	14.5
		50	0	13.56	13.49	13.67	14.5
	16QAM	1	0	13.89	13.41	13.77	14.5
		1	25	13.75	13.82	13.74	14.5
		1	49	13.78	13.34	13.78	14.5
		25	0	13.45	13.45	13.64	14.5
		25	13	13.44	13.41	13.59	14.5
		25	25	13.51	13.41	13.62	14.5
		50	0	13.55	13.48	13.71	14.5
	64QAM	1	0	13.34	13.36	13.37	14.5
		1	25	13.5	13.62	13.68	14.5
		1	49	13.54	13.41	13.55	14.5
		25	0	13.29	13.21	13.36	14.5
		25	13	13.19	13.21	13.11	14.5
		25	25	12.97	13.08	13.14	14.5
		50	0	13.14	13.14	13.22	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.37	13.5	13.6	14.5
		1	38	13.53	13.56	13.64	14.5
		1	74	13.48	13.57	13.68	14.5
		36	0	13.55	13.51	13.71	14.5
		36	18	13.5	13.51	13.72	14.5
		36	39	13.55	13.54	13.81	14.5
		75	0	13.56	13.53	13.68	14.5
	16QAM	1	0	13.65	13.58	13.7	14.5
		1	38	13.71	13.68	13.84	14.5
		1	74	13.38	13.34	13.59	14.5
		36	0	13.51	13.44	13.62	14.5
		36	18	13.51	13.47	13.67	14.5
		36	39	13.53	13.53	13.74	14.5
		75	0	13.48	13.42	13.6	14.5
	64QAM	1	0	13.43	13.32	13.34	14.5
		1	38	13.46	13.68	13.64	14.5
		1	74	13.49	13.44	13.49	14.5
		36	0	13.21	13.21	13.25	14.5
		36	18	13.12	13.16	13.21	14.5
		36	39	12.99	13.03	13.14	14.5
		75	0	13.27	13.13	13.26	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	13.59	13.58	13.68	14.5
		1	50	13.31	13.57	13.59	14.5
		1	99	13.63	13.74	13.86	14.5
		50	0	13.61	13.57	13.61	14.5
		50	25	13.53	13.48	13.64	14.5
		50	50	13.58	13.59	13.8	14.5
		100	0	13.56	13.54	13.65	14.5
	16QAM	1	0	13.69	13.58	13.83	14.5
		1	50	13.01	13.34	14.02	14.5
		1	99	13.47	13.82	14.27	14.5
		50	0	13.5	13.43	13.63	14.5
		50	25	13.46	13.4	13.57	14.5
		50	50	13.55	13.55	13.61	14.5
		100	0	13.52	13.52	13.54	14.5
	64QAM	1	0	13.42	13.32	13.35	14.5
		1	50	13.56	13.66	13.62	14.5
		1	99	13.44	13.42	13.47	14.5
		50	0	13.21	13.24	13.37	14.5
		50	25	13.21	13.22	13.13	14.5
		50	50	13.11	13.03	13.15	14.5
		100	0	13.26	13.16	13.2	14.5

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LTE Band 38 Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	11.42	11.51	11.75	12.5
		1	13	11.51	11.56	11.7	12.5
		1	24	11.44	11.6	11.58	12.5
		12	0	11.52	11.49	11.67	12.5
		12	6	11.08	11.51	11.42	12.5
		12	13	11.54	11.62	11.75	12.5
		25	0	11.43	11.52	11.58	12.5
	16QAM	1	0	11.63	12.01	11.63	12.5
		1	13	11.59	12.08	11.68	12.5
		1	24	11.48	11.94	11.58	12.5
		12	0	11.48	11.57	11.68	12.5
		12	6	11.45	11.41	11.61	12.5
		12	13	11.38	11.53	11.63	12.5
		25	0	11.35	11.38	11.56	12.5
	64QAM	1	0	11.51	11.54	11.57	12.5
		1	13	11.6	11.81	11.79	12.5
		1	24	11.6	11.54	11.66	12.5
		12	0	11.41	11.42	11.53	12.5
		12	6	11.34	11.39	11.26	12.5
		12	13	11.19	11.26	11.33	12.5
		25	0	11.39	11.26	11.37	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	11.49	11.48	11.67	12.5
		1	25	11.78	11.57	11.82	12.5
		1	49	11.58	11.64	11.66	12.5
		25	0	11.52	11.48	11.61	12.5
		25	13	11.42	11.5	11.71	12.5
		25	25	11.49	11.49	11.71	12.5
		50	0	11.54	11.59	11.73	12.5
	16QAM	1	0	11.67	11.76	11.54	12.5
		1	25	11.9	11.75	11.47	12.5
		1	49	11.44	11.4	11.98	12.5
		25	0	11.4	11.57	11.56	12.5
		25	13	11.34	11.43	11.57	12.5
		25	25	11.45	11.44	11.56	12.5
		50	0	11.32	11.42	11.64	12.5
	64QAM	1	0	11.62	11.71	11.52	12.5
		1	25	11.49	11.61	11.71	12.5
		1	49	11.65	11.52	11.89	12.5
		25	0	11.27	11.24	11.57	12.5
		25	13	11.32	11.43	11.29	12.5
		25	25	11.41	11.53	11.52	12.5
		50	0	11.08	11.25	11.44	12.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	11.45	11.37	11.52	12.5
		1	38	11.53	11.61	11.7	12.5
		1	74	11.45	11.59	11.69	12.5
		36	0	11.49	11.58	11.62	12.5
		36	18	11.57	11.64	11.65	12.5
		36	39	11.56	11.57	11.73	12.5
		75	0	11.52	11.56	11.62	12.5
	16QAM	1	0	11.66	11.46	11.75	12.5
		1	38	11.89	11.7	11.89	12.5
		1	74	11.65	11.75	12.06	12.5
		36	0	11.46	11.52	11.68	12.5
		36	18	11.57	11.51	11.51	12.5
		36	39	11.5	11.48	11.79	12.5
		75	0	11.39	11.42	11.49	12.5
	64QAM	1	0	11.68	11.7	11.44	12.5
		1	38	11.57	11.55	11.93	12.5
		1	74	11.48	11.31	11.94	12.5
		36	0	11.28	11.12	11.34	12.5
		36	18	11.14	11.33	11.31	12.5
		36	39	11.3	11.55	11.36	12.5
		75	0	11.16	11.41	11.53	12.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	11.6	11.51	11.71	12.5
		1	50	11.63	11.58	11.68	12.5
		1	99	11.61	11.66	11.77	12.5
		50	0	11.52	11.61	11.65	12.5
		50	25	11.51	11.58	11.69	12.5
		50	50	11.53	11.62	11.72	12.5
		100	0	11.52	11.54	11.7	12.5
	16QAM	1	0	11.77	11.75	11.68	12.5
		1	50	11.81	11.82	12	12.5
		1	99	11.66	11.64	11.97	12.5
		50	0	11.57	11.43	11.57	12.5
		50	25	11.46	11.53	11.6	12.5
		50	50	11.47	11.6	11.61	12.5
		100	0	11.43	11.44	11.62	12.5
	64QAM	1	0	11.71	11.53	11.57	12.5
		1	50	11.71	11.56	11.92	12.5
		1	99	11.33	11.63	11.67	12.5
		50	0	11.46	11.14	11.32	12.5
		50	25	11.12	11.18	11.31	12.5
		50	50	11.21	11.46	11.59	12.5
		100	0	11.1	11.29	11.38	12.5

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LTE Band 38 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	10.4	10.45	10.7	11.5
		1	13	10.48	10.46	10.69	11.5
		1	24	10.37	10.39	10.6	11.5
		12	0	10.47	10.58	10.65	11.5
		12	6	10.21	10.47	10.51	11.5
		12	13	10.5	10.58	10.63	11.5
		25	0	10.53	10.43	10.55	11.5
	16QAM	1	0	10.62	10.62	10.73	11.5
		1	13	10.37	10.56	10.9	11.5
		1	24	10.57	10.36	10.83	11.5
		12	0	10.34	10.52	10.54	11.5
		12	6	10.3	10.46	10.68	11.5
		12	13	10.35	10.53	10.5	11.5
		25	0	10.44	10.4	10.61	11.5
	64QAM	1	0	10.39	10.45	10.5	11.5
		1	13	10.53	10.7	10.74	11.5
		1	24	10.52	10.44	10.63	11.5
		12	0	10.41	10.38	10.53	11.5
		12	6	10.25	10.3	10.15	11.5
		12	13	10.05	10.17	10.29	11.5
		25	0	10.37	10.12	10.25	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	10.43	10.45	10.63	11.5
		1	25	10.57	10.54	10.6	11.5
		1	49	10.56	10.53	10.7	11.5
		25	0	10.47	10.44	10.59	11.5
		25	13	10.49	10.44	10.68	11.5
		25	25	10.43	10.46	10.7	11.5
		50	0	10.5	10.43	10.57	11.5
	16QAM	1	0	10.7	10.55	10.74	11.5
		1	25	10.53	10.26	10.28	11.5
		1	49	10.6	10.6	10.73	11.5
		25	0	10.35	10.45	10.51	11.5
		25	13	10.44	10.52	10.59	11.5
		25	25	10.36	10.51	10.63	11.5
		50	0	10.43	10.49	10.59	11.5
	64QAM	1	0	10.44	10.41	10.44	11.5
		1	25	10.58	10.75	10.66	11.5
		1	49	10.46	10.45	10.51	11.5
		25	0	10.27	10.31	10.49	11.5
		25	13	10.3	10.26	10.17	11.5
		25	25	10.06	10.2	10.33	11.5
		50	0	10.26	10.11	10.24	11.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	10.39	10.49	10.48	11.5
		1	38	10.46	10.54	10.62	11.5
		1	74	10.55	10.54	10.68	11.5
		36	0	10.58	10.52	10.72	11.5
		36	18	10.51	10.58	10.6	11.5
		36	39	10.52	10.65	10.69	11.5
		75	0	10.46	10.5	10.57	11.5
	16QAM	1	0	10.43	10.44	10.53	11.5
		1	38	10.5	10.53	10.74	11.5
		1	74	10.43	10.4	10.8	11.5
		36	0	10.47	10.42	10.58	11.5
		36	18	10.42	10.49	10.62	11.5
		36	39	10.43	10.55	10.66	11.5
		75	0	10.39	10.51	10.62	11.5
	64QAM	1	0	10.44	10.51	10.51	11.5
		1	38	10.46	10.68	10.79	11.5
		1	74	10.57	10.53	10.59	11.5
		36	0	10.29	10.37	10.4	11.5
		36	18	10.3	10.37	10.24	11.5
		36	39	10.1	10.19	10.3	11.5
		75	0	10.36	10.19	10.32	11.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	10.52	10.48	10.61	11.5
		1	50	10.36	10.59	10.64	11.5
		1	99	10.52	10.61	10.8	11.5
		50	0	10.55	10.5	10.57	11.5
		50	25	10.53	10.47	10.6	11.5
		50	50	10.56	10.64	10.76	11.5
		100	0	10.56	10.57	10.61	11.5
	16QAM	1	0	10.28	10.66	10.67	11.5
		1	50	10.7	10.7	10.52	11.5
		1	99	10.43	10.95	10.87	11.5
		50	0	10.35	10.41	10.59	11.5
		50	25	10.48	10.54	10.62	11.5
		50	50	10.48	10.56	10.65	11.5
		100	0	10.48	10.49	10.54	11.5
	64QAM	1	0	10.43	10.46	10.48	11.5
		1	50	10.56	10.69	10.71	11.5
		1	99	10.55	10.52	10.57	11.5
		50	0	10.29	10.36	10.39	11.5
		50	25	10.23	10.31	10.22	11.5
		50	50	10.11	10.14	10.18	11.5
		100	0	10.27	10.21	10.28	11.5

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LTE Band 38 Receiver off （body or limbs）+ BT + WiFi5G Ant1/Ant2/MIMO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	13.56	13.48	13.7	14.5
		1	13	13.57	13.51	13.65	14.5
		1	24	13.51	13.48	13.67	14.5
		12	0	13.58	13.52	13.82	14.5
		12	6	13.54	13.41	13.5	14.5
		12	13	13.59	13.57	13.77	14.5
		25	0	13.64	13.57	13.7	14.5
	16QAM	1	0	13.49	13.63	13.51	14.5
		1	13	13.68	13.54	13.6	14.5
		1	24	13.5	13.56	13.55	14.5
		12	0	13.55	13.51	13.61	14.5
		12	6	13.5	13.53	13.62	14.5
		12	13	13.43	13.39	13.65	14.5
		25	0	13.42	13.52	13.59	14.5
	64QAM	1	0	13.33	13.41	13.46	14.5
		1	13	13.45	13.53	13.58	14.5
		1	24	13.41	13.46	13.46	14.5
		12	0	13.19	13.22	13.25	14.5
		12	6	13.18	13.22	13.11	14.5
		12	13	12.97	13.13	13.13	14.5
		25	0	13.15	13.08	13.26	14.5

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Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	13.55	13.45	13.74	14.5
		1	25	13.57	13.44	13.73	14.5
		1	49	13.54	13.49	13.75	14.5
		25	0	13.53	13.51	13.67	14.5
		25	13	13.56	13.53	13.8	14.5
		25	25	13.5	13.45	13.69	14.5
		50	0	13.56	13.49	13.67	14.5
	16QAM	1	0	13.89	13.41	13.77	14.5
		1	25	13.75	13.82	13.74	14.5
		1	49	13.78	13.34	13.78	14.5
		25	0	13.45	13.45	13.64	14.5
		25	13	13.44	13.41	13.59	14.5
		25	25	13.51	13.41	13.62	14.5
		50	0	13.55	13.48	13.71	14.5
	64QAM	1	0	13.34	13.36	13.37	14.5
		1	25	13.5	13.62	13.68	14.5
		1	49	13.54	13.41	13.55	14.5
		25	0	13.29	13.21	13.36	14.5
		25	13	13.19	13.21	13.11	14.5
		25	25	12.97	13.08	13.14	14.5
		50	0	13.14	13.14	13.22	14.5
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	13.37	13.5	13.6	14.5
		1	38	13.53	13.56	13.64	14.5
		1	74	13.48	13.57	13.68	14.5
		36	0	13.55	13.51	13.71	14.5
		36	18	13.5	13.51	13.72	14.5
		36	39	13.55	13.54	13.81	14.5
		75	0	13.56	13.53	13.68	14.5
	16QAM	1	0	13.65	13.58	13.7	14.5
		1	38	13.71	13.68	13.84	14.5
		1	74	13.38	13.34	13.59	14.5
		36	0	13.51	13.44	13.62	14.5
		36	18	13.51	13.47	13.67	14.5
		36	39	13.53	13.53	13.74	14.5
		75	0	13.48	13.42	13.6	14.5
	64QAM	1	0	13.43	13.32	13.34	14.5
		1	38	13.46	13.68	13.64	14.5
		1	74	13.49	13.44	13.49	14.5
		36	0	13.21	13.21	13.25	14.5
		36	18	13.12	13.16	13.21	14.5
		36	39	12.99	13.03	13.14	14.5
		75	0	13.27	13.13	13.26	14.5

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