



FCC RADIO TEST REPORT

FCC ID : N7NEM92
Equipment : Wireless Module
Brand Name : AirPrime
Model Name : EM9293
Applicant : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4 Canada
Manufacturer : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4 Canada
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Dec. 20, 2022 and testing was performed from Apr. 26, 2023 to Jul. 19, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG2D2006B	01	Initial issue of report	Sep. 07, 2023
FG2D2006B	02	Revise Appendix A This report is an updated version, replacing the report issued on Sep. 07, 2023.	Sep. 20, 2023



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 41)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 41)	Pass	-
3.7	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	17.13 dB under the limit at 1559.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 41)		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Danny Lee**Report Producer: Michelle Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs WCDMA/LTE/5G NR, and GNSS.

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The maximum allowable antenna gain is determined by the manufacturer.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Cotty Hsu
Temperature (°C)	22.3~22.9
Relative Humidity (%)	52.0~54.0

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH11-HY (TAF Code: 3786)
Test Engineer	Yuan Lee, Bank Lin and Troye Hsieh
Temperature (°C)	19.8~23.5
Relative Humidity (%)	53.1~68.1
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786



1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two config (Ant. Horizontal and Ant. Vertical), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Peak-to-Average Ratio	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-				v	v	v	v	v			v		v	
	12				v	-	-	v	v	v	v			v		v	
	13	-	-		v	-	-	v	v	v	v			v		v	
	17	Covered by Band 12															
	25						v	v	v	v	v			v		v	
	26					v	-	v	v	v	v			v		v	
	41	-	-				v	v	v	v	v			v		v	
	66						v	v	v	v	v			v		v	
	71	-	-				v	v	v	v	v			v		v	
26dB and 99% Bandwidth	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-	v	v	v	v	v	v	v	v			v		v	
	12	v	v	v	v	-	-	v	v	v	v			v		v	
	13	-	-	v	v	-	-	v	v	v	v			v		v	
	17	Covered by Band 12															
	25	v	v	v	v	v	v	v	v	v	v			v		v	
	26	v	v	v	v	v	-	v	v	v	v			v		v	
	41	-	-	v	v	v	v	v	v	v	v			v		v	
	66	v	v	v	v	v	v	v	v	v	v			v		v	
	71	-	-	v	v	v	v	v	v	v	v			v		v	



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Conducted Band Edge	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	12	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	13	-	-	v	v	-	-	v	v	v	v	v		v	v		v
	17	Covered by Band 12															
	25	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	26	v	v	v	v	v	-	v	v	v	v	v		v	v		v
	41	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	66	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-	v	v	v	v	v	v	v	v	v			v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v			v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v			v	v	v
	17	Covered by Band 12															
	25	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v			v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v			v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	71	-	-	v	v	v	v	v	v	v	v	v			v	v	v



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Frequency Stability	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-		v			v						v		v	
	12				v	-	-	v						v		v	
	13	-	-		v	-	-	v						v		v	
	17	Covered by Band 12															
	25				v			v						v		v	
	26				v		-	v						v		v	
	41	-	-		v			v						v		v	
	66				v			v						v		v	
	71	-	-		v			v						v		v	



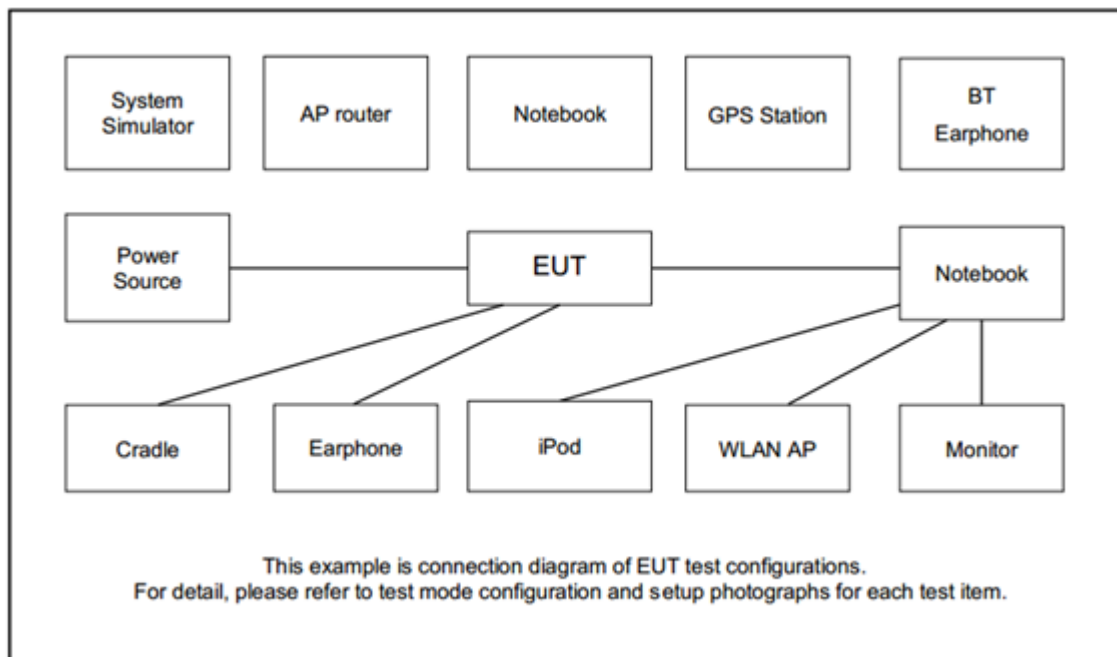
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	2	Covered by LTE Band 25													v	v	v
	4	Covered by LTE Band 66													v	v	v
	5	Covered by LTE Band 26													v	v	v
	7	Worst Case													v	v	v
	12	Worst Case													v	v	v
	13	Worst Case													v	v	v
	17	Covered by LTE Band 12													v	v	v
	25	Worst Case													v	v	v
	26	Worst Case													v	v	v
	41	Worst Case													v	v	v
	66	Worst Case													v	v	v
	71	Worst Case													v	v	v
Remark	1. The mark "v " means that this configuration is chosen for testing 2. The mark "- " means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. Wider operating range bandwidth covers narrower one when the power is higher or the same. 5. One representative bandwidth is selected to perform PAR and frequency stability.																

Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5_CA	v	v	v	v	v	v	v	v	v	v		v	v	v	v
26dB and 99% Bandwidth	5_CA	v	v	v	v	v	v	v	v	v			v	v	v	v
Conducted Band Edge	5_CA	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	5_CA	v	v	v	v	v	v	v	v	v	v			v	v	v
Radiated Spurious Emission	5_CA	Worst Case												v	v	v
Remark	1. The mark “v” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.															



Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v		v	v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v
	66_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v
26dB and 99% Bandwidth	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v			v		v	
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
	66_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v		v	v		v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	66_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v			v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	66_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
Radiated Spurious Emission	7_CA	Worst Case																	v	v	v
	41_CA	Worst Case																	v	v	v
	66_CA	Worst Case																	v	v	v
Remark	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																				

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

$$= 4.2 + 10 = 14.2 \text{ (dB)}$$



2.5 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20575
		Frequency	829.5	838.0	841.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



LTE Band 41C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0
20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0



LTE Band 41C Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

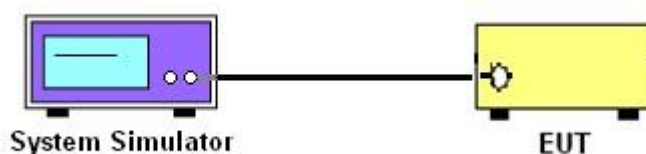
3 Conducted Test Items

3.1 Measuring Instruments

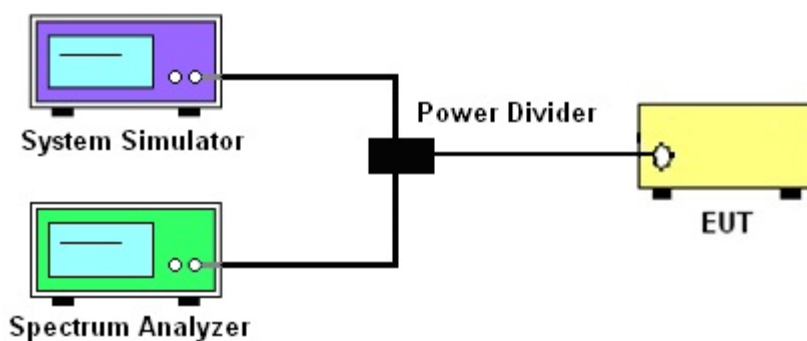
See list of measuring instruments of this test report.

3.1.1 Test Setup

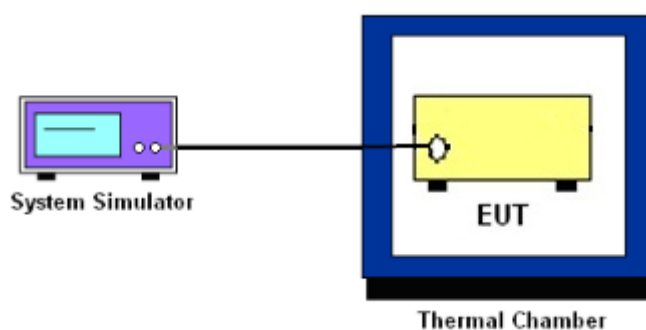
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, Emission Mask and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 41

The other 40 dB, and 55 dB have additionally applied same calculation above.



3.6 Conducted Spurious Emission

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

22.355

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within each of the sub-bands when tested at the temperature and supply voltage variations specified in RSS-Gen.

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 20±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

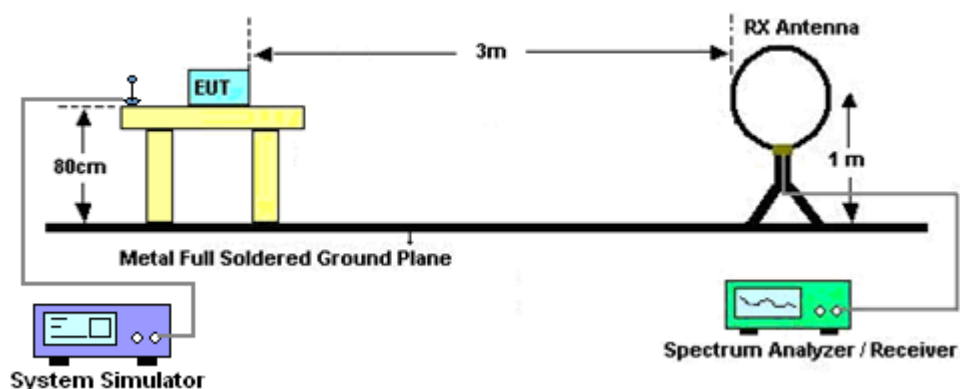
4 Radiated Test Items

4.1 Measuring Instruments

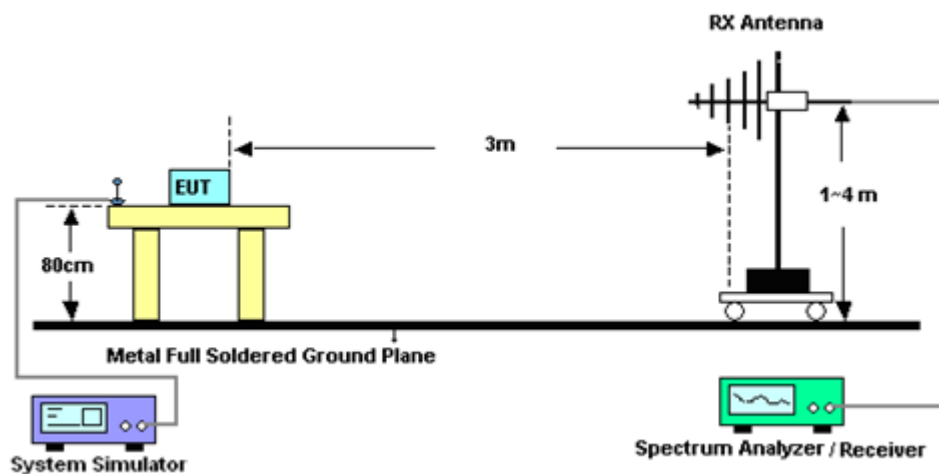
See list of measuring instruments of this test report.

4.1.1 Test Setup

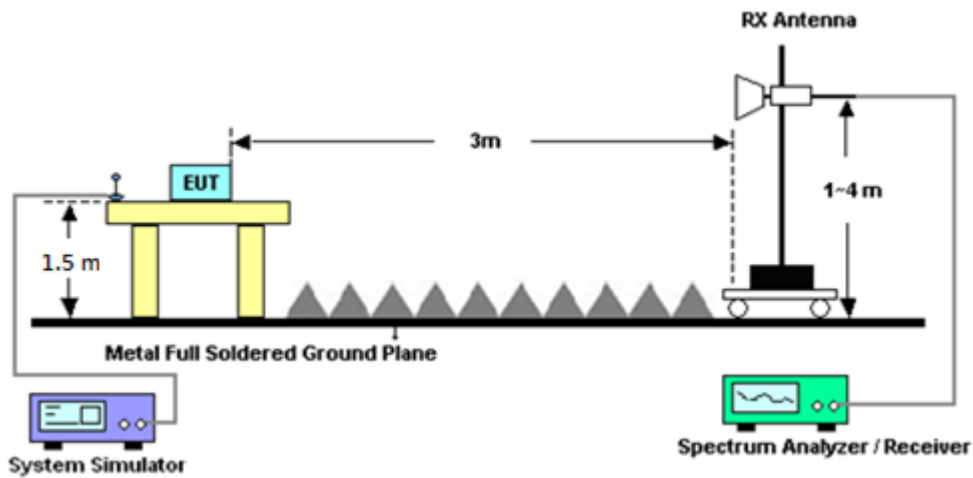
For radiated test below 30MHz



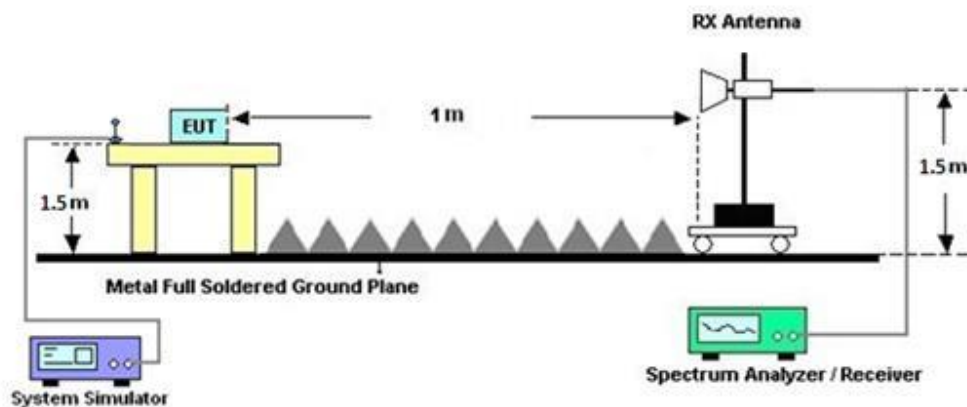
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.



4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

$EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$

$ERP \text{ (dBm)} = EIRP - 2.15$



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Apr. 18, 2023~ Jul. 10, 2023	Oct. 12, 2023	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Apr. 18, 2023~ Jul. 10, 2023	Sep. 06, 2023	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Dec. 29, 2022	Apr. 18, 2023~ Jul. 10, 2023	Dec. 28, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Apr. 18, 2023~ Jul. 10, 2023	Jan. 05, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Sep. 27, 2022	Apr. 18, 2023~ Jul. 10, 2023	Sep. 26, 2023	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Apr. 06, 2023~ Jul. 19, 2023	Sep. 19, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 08, 2022	Apr. 06, 2023~ Jul. 19, 2023	Oct. 07, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 24, 2022	Apr. 06, 2023~ Jul. 19, 2023	Aug. 23, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 24, 2022	Apr. 06, 2023~ Jul. 19, 2023	Aug. 23, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Apr. 06, 2023~ Jul. 19, 2023	Nov. 23, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00994	18GHz~40GHz	Nov. 04, 2022	Apr. 06, 2023~ Jul. 19, 2023	Nov. 03, 2023	Radiation (03CH11-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Jan. 11, 2023	Apr. 06, 2023~ Jul. 19, 2023	Jan. 10, 2024	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 09, 2022	Apr. 06, 2023~ Jul. 19, 2023	Dec. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	Apr. 06, 2023~ Jul. 19, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	1710001800 055007	1GHz~18GHz	Jun. 15, 2022	Apr. 06, 2023~ Jun. 13, 2023	Jun. 14, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	1710001800 055007	1GHz~18GHz	Jun. 14, 2023	Jun. 14, 2023~ Jul. 19, 2023	Jun. 13, 2024	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Apr. 06, 2023~ Jul. 19, 2023	Dec. 06, 2023	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 07, 2022	Apr. 06, 2023~ Jul. 19, 2023	Oct. 06, 2023	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Apr. 06, 2023~ Jul. 19, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Apr. 06, 2023~ Jul. 19, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Apr. 06, 2023~ Jul. 19, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	Apr. 06, 2023~ Jul. 19, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	Apr. 06, 2023~ Jul. 19, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Apr. 06, 2023~ Jul. 19, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	Apr. 06, 2023~ Jul. 19, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN3	3GHz High Pass Filter	Sep. 12, 2022	Apr. 06, 2023~ Jul. 19, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900- 1000-15000-6 0SS	SN12	1GHz High Pass Filter	Sep. 12, 2022	Apr. 06, 2023~ Jul. 19, 2023	Sep. 11, 2023	Radiation (03CH11-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.22 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.53 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.45 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	23.41	23.23	23.16	23.41	0.2193
20	1	49		23.30	23.17	23.28		
20	1	99		23.19	23.14	23.23		
20	50	0		22.46	22.29	22.28		
20	50	24		22.42	22.28	22.29		
20	50	50		22.37	22.24	22.36		
20	100	0		22.41	22.26	22.36		
20	1	0	16-QAM	22.65	22.48	22.51	22.94	0.1968
20	1	49		22.94	22.64	22.75		
20	1	99		22.47	22.39	22.55		
20	50	0		21.49	21.32	21.30		
20	50	24		21.44	21.29	21.31		
20	50	50		21.38	21.27	21.37		
20	100	0		21.43	21.29	21.37		
20	1	0	64-QAM	21.56	21.51	21.43	21.58	0.1439
20	1	49		21.56	21.40	21.58		
20	1	99		21.36	21.36	21.47		
20	50	0		20.49	20.31	20.28		
20	50	24		20.44	20.29	20.29		
20	50	50		20.39	20.26	20.35		
20	100	0		20.42	20.29	20.37		
20	1	0	256-QAM	18.53	18.37	18.35	18.65	0.0733
20	1	49		18.47	18.37	18.39		
20	1	99		18.45	18.34	18.45		
20	50	0		18.48	18.32	18.43		
20	50	24		18.63	18.55	18.47		
20	50	50		18.65	18.49	18.61		
20	100	0		18.45	18.43	18.47		



LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	23.39	23.15	23.09	23.39	0.2183
15	1	37		23.30	23.16	23.27		
15	1	74		23.18	23.10	23.19		
15	36	0		22.36	22.21	22.20		
15	36	20		22.40	22.28	22.28		
15	36	39		22.33	22.16	22.28		
15	75	0		22.38	22.25	22.34		
15	1	0	16-QAM	22.64	22.44	22.50	22.87	0.1936
15	1	37		22.87	22.55	22.72		
15	1	74		22.40	22.32	22.49		
15	36	0		21.45	21.27	21.23		
15	36	20		21.40	21.25	21.25		
15	36	39		21.30	21.18	21.35		
15	75	0		21.33	21.25	21.36		
15	1	0	64-QAM	21.46	21.44	21.34	21.55	0.1429
15	1	37		21.54	21.40	21.55		
15	1	74		21.34	21.33	21.44		
15	36	0		20.42	20.23	20.21		
15	36	20		20.36	20.27	20.21		
15	36	39		20.33	20.16	20.29		
15	75	0		20.39	20.26	20.36		
15	1	0	256-QAM	18.52	18.31	18.30	18.62	0.0728
15	1	37		18.39	18.36	18.29		
15	1	74		18.44	18.25	18.35		
15	36	0		18.39	18.30	18.34		
15	36	20		18.58	18.51	18.41		
15	36	39		18.62	18.48	18.57		
15	75	0		18.45	18.36	18.45		



LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.33	23.17	23.07	23.33	0.2153
10	1	25		23.27	23.12	23.22		
10	1	49		23.18	23.05	23.20		
10	25	0		22.41	22.22	22.22		
10	25	12		22.37	22.24	22.22		
10	25	25		22.32	22.23	22.26		
10	50	0		22.35	22.19	22.29		
10	1	0	16-QAM	22.61	22.43	22.42	22.86	0.1932
10	1	25		22.86	22.62	22.65		
10	1	49		22.40	22.32	22.46		
10	25	0		21.47	21.27	21.22		
10	25	12		21.43	21.26	21.23		
10	25	25		21.36	21.23	21.30		
10	50	0		21.34	21.29	21.36		
10	1	0	64-QAM	21.53	21.48	21.39	21.56	0.1432
10	1	25		21.53	21.37	21.56		
10	1	49		21.27	21.34	21.37		
10	25	0		20.48	20.24	20.24		
10	25	12		20.39	20.21	20.28		
10	25	25		20.33	20.23	20.25		
10	50	0		20.42	20.29	20.36		
10	1	0	256-QAM	18.50	18.28	18.34	18.64	0.0731
10	1	25		18.46	18.32	18.37		
10	1	49		18.43	18.30	18.39		
10	25	0		18.42	18.22	18.35		
10	25	12		18.53	18.51	18.45		
10	25	25		18.64	18.39	18.55		
10	50	0		18.35	18.33	18.47		



LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.39	23.23	23.06	23.39	0.2183
5	1	12		23.23	23.17	23.22		
5	1	24		23.19	23.07	23.13		
5	12	0		22.40	22.26	22.26		
5	12	7		22.39	22.26	22.19		
5	12	13		22.32	22.17	22.32		
5	25	0		22.41	22.18	22.27		
5	1	0	16-QAM	22.64	22.46	22.46	22.85	0.1928
5	1	12		22.85	22.56	22.67		
5	1	24		22.45	22.39	22.48		
5	12	0		21.42	21.28	21.25		
5	12	7		21.36	21.27	21.27		
5	12	13		21.37	21.21	21.29		
5	25	0		21.33	21.20	21.36		
5	1	0	64-QAM	21.56	21.48	21.42	21.56	0.1432
5	1	12		21.55	21.39	21.49		
5	1	24		21.31	21.33	21.39		
5	12	0		20.49	20.29	20.18		
5	12	7		20.41	20.20	20.26		
5	12	13		20.39	20.24	20.29		
5	25	0		20.41	20.22	20.35		
5	1	0	256-QAM	18.51	18.30	18.27	18.63	0.0729
5	1	12		18.43	18.37	18.30		
5	1	24		18.43	18.25	18.43		
5	12	0		18.48	18.28	18.33		
5	12	7		18.63	18.54	18.47		
5	12	13		18.63	18.42	18.58		
5	25	0		18.38	18.38	18.38		



LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.40	23.14	23.09	23.40	0.2188
3	1	8		23.20	23.13	23.25		
3	1	14		23.10	23.11	23.19		
3	8	0		22.39	22.24	22.26		
3	8	4		22.35	22.23	22.28		
3	8	7		22.37	22.21	22.29		
3	15	0		22.35	22.22	22.27		
3	1	0	16-QAM	22.58	22.44	22.45	22.90	0.1950
3	1	8		22.90	22.62	22.68		
3	1	14		22.44	22.36	22.46		
3	8	0		21.47	21.31	21.28		
3	8	4		21.41	21.20	21.25		
3	8	7		21.37	21.25	21.33		
3	15	0		21.35	21.25	21.36		
3	1	0	64-QAM	21.47	21.41	21.39	21.55	0.1429
3	1	8		21.48	21.38	21.55		
3	1	14		21.34	21.28	21.45		
3	8	0		20.45	20.21	20.23		
3	8	4		20.36	20.27	20.26		
3	8	7		20.29	20.16	20.29		
3	15	0		20.36	20.23	20.34		
3	1	0	256-QAM	18.48	18.34	18.35	18.63	0.0729
3	1	8		18.38	18.34	18.39		
3	1	14		18.43	18.34	18.37		
3	8	0		18.45	18.22	18.35		
3	8	4		18.53	18.55	18.41		
3	8	7		18.63	18.39	18.59		
3	15	0		18.41	18.43	18.37		



LTE Band 2 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.36	23.11	23.00	23.36	0.2168
1.4	1	3		23.11	23.06	23.20		
1.4	1	5		23.01	23.10	23.11		
1.4	3	0		23.32	23.06	23.00		
1.4	3	1		23.14	23.08	23.19		
1.4	3	3		23.03	23.03	23.13		
1.4	6	0		22.36	22.15	22.17		
1.4	1	0	16-QAM	22.28	22.15	22.23	22.86	0.1932
1.4	1	3		22.33	22.20	22.24		
1.4	1	5		22.29	22.13	22.22		
1.4	3	0		22.55	22.39	22.35		
1.4	3	1		22.86	22.58	22.65		
1.4	3	3		22.35	22.33	22.39		
1.4	6	0		21.37	21.24	21.19		
1.4	1	0	64-QAM	21.35	21.16	21.16	21.50	0.1413
1.4	1	3		21.29	21.25	21.28		
1.4	1	5		21.31	21.16	21.30		
1.4	3	0		21.44	21.37	21.31		
1.4	3	1		21.46	21.29	21.50		
1.4	3	3		21.30	21.19	21.40		
1.4	6	0		20.42	20.17	20.23		
1.4	1	0	256-QAM	18.38	18.33	18.34	18.57	0.0719
1.4	1	3		18.36	18.32	18.35		
1.4	1	5		18.38	18.25	18.32		
1.4	3	0		18.35	18.12	18.34		
1.4	3	1		18.43	18.45	18.33		
1.4	3	3		18.53	18.31	18.57		
1.4	6	0		18.33	18.42	18.31		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	23.46	23.17	23.09	23.46	0.2218
20	1	49		23.23	23.12	23.25		
20	1	99		23.18	23.05	23.19		
20	50	0		22.43	22.23	22.25		
20	50	24		22.38	22.28	22.24		
20	50	50		22.30	22.24	22.34		
20	100	0		22.34	22.17	22.33		
20	1	0	16-QAM	22.63	22.46	22.46	22.91	0.1954
20	1	49		22.91	22.61	22.74		
20	1	99		22.41	22.30	22.48		
20	50	0		21.42	21.30	21.21		
20	50	24		21.44	21.27	21.24		
20	50	50		21.38	21.19	21.35		
20	100	0		21.33	21.23	21.30		
20	1	0	64-QAM	21.47	21.43	21.36	21.58	0.1439
20	1	49		21.56	21.31	21.58		
20	1	99		21.36	21.26	21.38		
20	50	0		20.46	20.21	20.26		
20	50	24		20.42	20.21	20.24		
20	50	50		20.35	20.22	20.35		
20	100	0		20.37	20.25	20.35		
20	1	0	256-QAM	18.43	18.31	18.30	18.57	0.0719
20	1	49		18.42	18.30	18.37		
20	1	99		18.42	18.28	18.40		
20	50	0		18.39	18.30	18.36		
20	50	24		18.53	18.52	18.40		
20	50	50		18.57	18.47	18.54		
20	100	0		18.41	18.38	18.47		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	23.37	23.16	23.07	23.37	0.2173
15	1	37		23.17	23.10	23.16		
15	1	74		23.17	23.05	23.12		
15	36	0		22.42	22.22	22.18		
15	36	20		22.30	22.19	22.20		
15	36	39		22.24	22.17	22.28		
15	75	0		22.25	22.11	22.28		
15	1	0	16-QAM	22.55	22.44	22.39	22.84	0.1923
15	1	37		22.84	22.61	22.71		
15	1	74		22.38	22.27	22.42		
15	36	0		21.37	21.21	21.16		
15	36	20		21.39	21.24	21.21		
15	36	39		21.38	21.09	21.30		
15	75	0		21.25	21.19	21.24		
15	1	0	64-QAM	21.47	21.37	21.29	21.54	0.1426
15	1	37		21.52	21.25	21.54		
15	1	74		21.34	21.18	21.29		
15	36	0		20.42	20.15	20.20		
15	36	20		20.33	20.15	20.14		
15	36	39		20.32	20.14	20.33		
15	75	0		20.32	20.15	20.30		
15	1	0	256-QAM	18.38	18.29	18.26	18.53	0.0713
15	1	37		18.33	18.24	18.30		
15	1	74		18.42	18.27	18.30		
15	36	0		18.33	18.23	18.36		
15	36	20		18.49	18.45	18.30		
15	36	39		18.53	18.38	18.52		
15	75	0		18.31	18.34	18.47		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.36	23.10	22.99	23.36	0.2168
10	1	25		23.23	23.03	23.22		
10	1	49		23.11	22.97	23.09		
10	25	0		22.39	22.17	22.16		
10	25	12		22.38	22.19	22.21		
10	25	25		22.30	22.18	22.32		
10	50	0		22.31	22.15	22.32		
10	1	0	16-QAM	22.63	22.44	22.39	22.89	0.1945
10	1	25		22.89	22.57	22.71		
10	1	49		22.40	22.26	22.42		
10	25	0		21.32	21.21	21.17		
10	25	12		21.43	21.18	21.22		
10	25	25		21.36	21.16	21.33		
10	50	0		21.33	21.13	21.24		
10	1	0	64-QAM	21.38	21.43	21.35	21.54	0.1426
10	1	25		21.54	21.30	21.52		
10	1	49		21.36	21.18	21.31		
10	25	0		20.41	20.17	20.16		
10	25	12		20.41	20.17	20.17		
10	25	25		20.31	20.15	20.28		
10	50	0		20.34	20.15	20.28		
10	1	0	256-QAM	18.40	18.31	18.25	18.49	0.0706
10	1	25		18.38	18.24	18.35		
10	1	49		18.38	18.25	18.36		
10	25	0		18.36	18.23	18.33		
10	25	12		18.48	18.47	18.33		
10	25	25		18.49	18.47	18.44		
10	50	0		18.41	18.37	18.42		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.32	23.07	23.07	23.32	0.2148
5	1	12		23.15	23.05	23.17		
5	1	24		23.11	22.97	23.14		
5	12	0		22.41	22.18	22.20		
5	12	7		22.30	22.23	22.16		
5	12	13		22.24	22.20	22.30		
5	25	0		22.31	22.07	22.31		
5	1	0	16-QAM	22.63	22.37	22.42	22.89	0.1945
5	1	12		22.89	22.56	22.70		
5	1	24		22.34	22.30	22.42		
5	12	0		21.36	21.22	21.21		
5	12	7		21.34	21.20	21.19		
5	12	13		21.35	21.14	21.34		
5	25	0		21.33	21.18	21.23		
5	1	0	64-QAM	21.47	21.38	21.36	21.51	0.1416
5	1	12		21.51	21.23	21.48		
5	1	24		21.36	21.22	21.33		
5	12	0		20.45	20.11	20.17		
5	12	7		20.36	20.12	20.21		
5	12	13		20.35	20.12	20.34		
5	25	0		20.31	20.22	20.28		
5	1	0	256-QAM	18.35	18.21	18.22	18.51	0.0710
5	1	12		18.37	18.27	18.36		
5	1	24		18.34	18.19	18.32		
5	12	0		18.32	18.25	18.30		
5	12	7		18.46	18.50	18.31		
5	12	13		18.51	18.45	18.45		
5	25	0		18.32	18.35	18.38		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.34	23.10	23.04	23.34	0.2158
3	1	8		23.23	23.06	23.20		
3	1	14		23.11	23.02	23.11		
3	8	0		22.34	22.15	22.16		
3	8	4		22.38	22.22	22.18		
3	8	7		22.27	22.14	22.33		
3	15	0		22.31	22.07	22.24		
3	1	0	16-QAM	22.53	22.45	22.42	22.83	0.1919
3	1	8		22.83	22.60	22.64		
3	1	14		22.34	22.30	22.45		
3	8	0		21.33	21.21	21.17		
3	8	4		21.34	21.21	21.15		
3	8	7		21.30	21.19	21.26		
3	15	0		21.30	21.22	21.26		
3	1	0	64-QAM	21.41	21.38	21.27	21.57	0.1435
3	1	8		21.55	21.24	21.57		
3	1	14		21.35	21.23	21.35		
3	8	0		20.43	20.15	20.17		
3	8	4		20.36	20.15	20.22		
3	8	7		20.35	20.14	20.26		
3	15	0		20.29	20.19	20.31		
3	1	0	256-QAM	18.34	18.25	18.29	18.53	0.0713
3	1	8		18.38	18.21	18.30		
3	1	14		18.34	18.18	18.38		
3	8	0		18.29	18.27	18.31		
3	8	4		18.43	18.45	18.38		
3	8	7		18.50	18.47	18.53		
3	15	0		18.36	18.28	18.41		



LTE Band 25 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.37	23.07	23.00	23.37	0.2173
1.4	1	3		23.16	23.12	23.20		
1.4	1	5		23.11	23.00	23.16		
1.4	3	0		23.32	23.13	23.01		
1.4	3	1		23.20	23.06	23.18		
1.4	3	3		23.15	23.03	23.10		
1.4	6	0		22.33	22.19	22.22		
1.4	1	0	16-QAM	22.32	22.22	22.19	22.82	0.1914
1.4	1	3		22.29	22.20	22.33		
1.4	1	5		22.33	22.17	22.32		
1.4	3	0		22.62	22.45	22.43		
1.4	3	1		22.82	22.52	22.72		
1.4	3	3		22.39	22.23	22.43		
1.4	6	0		21.38	21.27	21.20		
1.4	1	0	64-QAM	21.42	21.22	21.15	21.54	0.1426
1.4	1	3		21.35	21.10	21.30		
1.4	1	5		21.30	21.22	21.22		
1.4	3	0		21.41	21.37	21.31		
1.4	3	1		21.52	21.30	21.54		
1.4	3	3		21.27	21.18	21.37		
1.4	6	0		20.41	20.11	20.26		
1.4	1	0	256-QAM	18.39	18.30	18.21	18.53	0.0713
1.4	1	3		18.41	18.25	18.36		
1.4	1	5		18.40	18.21	18.33		
1.4	3	0		18.39	18.26	18.31		
1.4	3	1		18.46	18.42	18.35		
1.4	3	3		18.53	18.45	18.46		
1.4	6	0		18.41	18.28	18.40		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	23.54	23.38	23.24	23.54	0.2259
20	1	49		23.38	23.23	23.14		
20	1	99		23.33	23.18	23.05		
20	50	0		22.54	22.40	22.30		
20	50	24		22.43	22.35	22.26		
20	50	50		22.35	22.23	22.20		
20	100	0		22.41	22.35	22.24		
20	1	0	16-QAM	22.83	22.72	22.59	22.83	0.1919
20	1	49		22.81	22.67	22.61		
20	1	99		22.62	22.49	22.34		
20	50	0		21.55	21.39	21.31		
20	50	24		21.45	21.36	21.27		
20	50	50		21.37	21.22	21.19		
20	100	0		21.41	21.35	21.25		
20	1	0	64-QAM	21.79	21.58	21.47	21.81	0.1517
20	1	49		21.81	21.64	21.42		
20	1	99		21.59	21.32	21.25		
20	50	0		20.55	20.40	20.32		
20	50	24		20.43	20.38	20.26		
20	50	50		20.36	20.22	20.19		
20	100	0		20.39	20.35	20.24		
20	1	0	256-QAM	18.64	18.43	18.37	18.89	0.0774
20	1	49		18.45	18.39	18.37		
20	1	99		18.39	18.32	18.25		
20	50	0		18.47	18.39	18.29		
20	50	24		18.89	18.66	18.50		
20	50	50		18.88	18.68	18.42		
20	100	0		18.69	18.42	18.26		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	23.51	23.29	23.22	23.51	0.2244
15	1	37		23.29	23.14	23.09		
15	1	74		23.32	23.08	23.04		
15	36	0		22.46	22.39	22.30		
15	36	20		22.35	22.32	22.26		
15	36	39		22.26	22.20	22.11		
15	75	0		22.41	22.25	22.15		
15	1	0	16-QAM	22.79	22.65	22.50	22.79	0.1901
15	1	37		22.74	22.62	22.58		
15	1	74		22.59	22.48	22.30		
15	36	0		21.48	21.33	21.29		
15	36	20		21.35	21.34	21.20		
15	36	39		21.31	21.14	21.16		
15	75	0		21.39	21.29	21.16		
15	1	0	64-QAM	21.69	21.49	21.38	21.71	0.1483
15	1	37		21.71	21.60	21.39		
15	1	74		21.58	21.28	21.21		
15	36	0		20.48	20.35	20.25		
15	36	20		20.35	20.30	20.18		
15	36	39		20.30	20.17	20.18		
15	75	0		20.35	20.32	20.14		
15	1	0	256-QAM	18.59	18.38	18.29	18.82	0.0762
15	1	37		18.38	18.31	18.27		
15	1	74		18.29	18.26	18.21		
15	36	0		18.42	18.38	18.27		
15	36	20		18.80	18.64	18.50		
15	36	39		18.82	18.61	18.36		
15	75	0		18.68	18.35	18.17		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.47	23.33	23.18	23.47	0.2223
10	1	25		23.29	23.18	23.04		
10	1	49		23.33	23.11	23.01		
10	25	0		22.44	22.31	22.24		
10	25	12		22.43	22.28	22.25		
10	25	25		22.32	22.15	22.13		
10	50	0		22.38	22.32	22.17		
10	1	0	16-QAM	22.82	22.67	22.52	22.82	0.1914
10	1	25		22.80	22.64	22.61		
10	1	49		22.60	22.46	22.34		
10	25	0		21.49	21.39	21.22		
10	25	12		21.38	21.29	21.27		
10	25	25		21.30	21.14	21.14		
10	50	0		21.34	21.27	21.20		
10	1	0	64-QAM	21.70	21.48	21.44	21.80	0.1514
10	1	25		21.80	21.60	21.34		
10	1	49		21.51	21.27	21.24		
10	25	0		20.49	20.31	20.22		
10	25	12		20.36	20.28	20.16		
10	25	25		20.36	20.18	20.19		
10	50	0		20.32	20.31	20.20		
10	1	0	256-QAM	18.63	18.38	18.28	18.79	0.0757
10	1	25		18.38	18.29	18.34		
10	1	49		18.32	18.29	18.18		
10	25	0		18.45	18.32	18.29		
10	25	12		18.79	18.64	18.47		
10	25	25		18.79	18.64	18.40		
10	50	0		18.61	18.32	18.17		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.50	23.37	23.17	23.50	0.2239
5	1	12		23.34	23.20	23.12		
5	1	24		23.29	23.17	22.95		
5	12	0		22.52	22.34	22.27		
5	12	7		22.33	22.30	22.25		
5	12	13		22.28	22.14	22.12		
5	25	0		22.38	22.25	22.15		
5	1	0	16-QAM	22.75	22.70	22.49	22.75	0.1884
5	1	12		22.74	22.63	22.57		
5	1	24		22.52	22.40	22.29		
5	12	0		21.49	21.38	21.26		
5	12	7		21.42	21.36	21.27		
5	12	13		21.34	21.14	21.14		
5	25	0		21.37	21.32	21.18		
5	1	0	64-QAM	21.75	21.58	21.40	21.76	0.1500
5	1	12		21.76	21.54	21.42		
5	1	24		21.49	21.29	21.22		
5	12	0		20.47	20.31	20.26		
5	12	7		20.37	20.37	20.22		
5	12	13		20.33	20.13	20.14		
5	25	0		20.34	20.29	20.14		
5	1	0	256-QAM	18.59	18.33	18.33	18.86	0.0769
5	1	12		18.43	18.34	18.36		
5	1	24		18.37	18.31	18.20		
5	12	0		18.37	18.32	18.20		
5	12	7		18.80	18.60	18.40		
5	12	13		18.86	18.63	18.36		
5	25	0		18.59	18.36	18.22		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.53	23.38	23.21	23.53	0.2254
3	1	8		23.36	23.16	23.07		
3	1	14		23.26	23.16	22.97		
3	8	0		22.46	22.30	22.24		
3	8	4		22.34	22.25	22.25		
3	8	7		22.28	22.20	22.17		
3	15	0		22.41	22.25	22.17		
3	1	0	16-QAM	22.80	22.66	22.49	22.80	0.1905
3	1	8		22.71	22.60	22.54		
3	1	14		22.61	22.41	22.30		
3	8	0		21.53	21.35	21.24		
3	8	4		21.37	21.29	21.24		
3	8	7		21.35	21.14	21.15		
3	15	0		21.34	21.34	21.23		
3	1	0	64-QAM	21.76	21.49	21.37	21.76	0.1500
3	1	8		21.74	21.58	21.40		
3	1	14		21.59	21.22	21.25		
3	8	0		20.50	20.32	20.28		
3	8	4		20.37	20.35	20.22		
3	8	7		20.30	20.19	20.14		
3	15	0		20.33	20.28	20.20		
3	1	0	256-QAM	18.58	18.35	18.30	18.83	0.0764
3	1	8		18.36	18.36	18.29		
3	1	14		18.37	18.28	18.20		
3	8	0		18.47	18.30	18.25		
3	8	4		18.83	18.59	18.41		
3	8	7		18.80	18.60	18.33		
3	15	0		18.66	18.36	18.17		



LTE Band 4 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.48	23.25	23.14	23.50	0.2239
1.4	1	3		23.24	23.07	23.07		
1.4	1	5		23.22	23.05	22.99		
1.4	3	0		23.50	23.25	23.22		
1.4	3	1		23.23	23.04	22.99		
1.4	3	3		23.31	23.01	23.00		
1.4	6	0		22.43	22.31	22.28		
1.4	1	0	16-QAM	22.33	22.23	22.17	22.74	0.1879
1.4	1	3		22.17	22.14	22.04		
1.4	1	5		22.36	22.21	22.06		
1.4	3	0		22.74	22.59	22.40		
1.4	3	1		22.66	22.62	22.54		
1.4	3	3		22.56	22.47	22.23		
1.4	6	0		21.48	21.28	21.29		
1.4	1	0	64-QAM	21.34	21.34	21.11	21.68	0.1472
1.4	1	3		21.27	21.08	21.14		
1.4	1	5		21.36	21.19	21.07		
1.4	3	0		21.65	21.49	21.30		
1.4	3	1		21.68	21.56	21.31		
1.4	3	3		21.48	21.18	21.20		
1.4	6	0		20.42	20.26	20.17		
1.4	1	0	256-QAM	18.53	18.35	18.23	18.78	0.0755
1.4	1	3		18.28	18.30	18.23		
1.4	1	5		18.21	18.16	18.19		
1.4	3	0		18.35	18.30	18.18		
1.4	3	1		18.75	18.61	18.45		
1.4	3	3		18.78	18.52	18.27		
1.4	6	0		18.63	18.27	18.12		



LTE Band 5 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.49	23.50	23.34	23.60	0.2291
10	1	25		23.60	23.46	23.29		
10	1	49		23.54	23.37	23.19		
10	25	0		22.59	22.56	22.39		
10	25	12		22.67	22.54	22.38		
10	25	25		22.66	22.48	22.31		
10	50	0		22.66	22.51	22.37		
10	1	0	16-QAM	22.92	22.96	22.75	23.00	0.1995
10	1	25		22.98	22.80	22.70		
10	1	49		23.00	22.83	22.60		
10	25	0		21.61	21.57	21.41		
10	25	12		21.71	21.56	21.41		
10	25	25		21.67	21.49	21.34		
10	50	0		21.66	21.53	21.38		
10	1	0	64-QAM	21.75	21.74	21.62	21.85	0.1531
10	1	25		21.85	21.73	21.54		
10	1	49		21.75	21.62	21.44		
10	25	0		20.57	20.55	20.40		
10	25	12		20.66	20.53	20.40		
10	25	25		20.60	20.48	20.31		
10	50	0		20.61	20.51	20.37		
10	1	0	256-QAM	18.66	18.66	18.44	18.91	0.0778
10	1	25		18.78	18.66	18.44		
10	1	49		18.71	18.56	18.38		
10	25	0		18.66	18.55	18.38		
10	25	12		18.75	18.79	18.68		
10	25	25		18.91	18.83	18.62		
10	50	0		18.81	18.62	18.48		



LTE Band 5 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.46	23.44	23.32	23.55	0.2265
5	1	12		23.55	23.42	23.23		
5	1	24		23.52	23.35	23.11		
5	12	0		22.58	22.56	22.36		
5	12	7		22.63	22.45	22.30		
5	12	13		22.61	22.40	22.22		
5	25	0		22.62	22.44	22.33		
5	1	0	16-QAM	22.88	22.95	22.72	22.96	0.1977
5	1	12		22.96	22.77	22.70		
5	1	24		22.94	22.76	22.59		
5	12	0		21.61	21.56	21.36		
5	12	7		21.61	21.47	21.32		
5	12	13		21.61	21.49	21.33		
5	25	0		21.65	21.51	21.30		
5	1	0	64-QAM	21.71	21.71	21.61	21.84	0.1528
5	1	12		21.84	21.66	21.46		
5	1	24		21.67	21.55	21.34		
5	12	0		20.57	20.55	20.35		
5	12	7		20.59	20.51	20.40		
5	12	13		20.58	20.45	20.23		
5	25	0		20.51	20.41	20.30		
5	1	0	256-QAM	18.64	18.66	18.40	18.86	0.0769
5	1	12		18.74	18.56	18.39		
5	1	24		18.64	18.49	18.33		
5	12	0		18.63	18.46	18.30		
5	12	7		18.71	18.78	18.62		
5	12	13		18.86	18.83	18.61		
5	25	0		18.76	18.57	18.38		



LTE Band 5 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.48	23.44	23.25	23.59	0.2286
3	1	8		23.59	23.41	23.21		
3	1	14		23.51	23.27	23.13		
3	8	0		22.58	22.49	22.30		
3	8	4		22.59	22.54	22.32		
3	8	7		22.56	22.43	22.26		
3	15	0		22.64	22.46	22.29		
3	1	0	16-QAM	22.92	22.96	22.69	22.96	0.1977
3	1	8		22.94	22.74	22.64		
3	1	14		22.95	22.79	22.60		
3	8	0		21.56	21.53	21.38		
3	8	4		21.61	21.47	21.36		
3	8	7		21.63	21.41	21.33		
3	15	0		21.65	21.48	21.38		
3	1	0	64-QAM	21.73	21.69	21.52	21.77	0.1503
3	1	8		21.77	21.71	21.48		
3	1	14		21.75	21.53	21.38		
3	8	0		20.50	20.54	20.34		
3	8	4		20.61	20.53	20.30		
3	8	7		20.58	20.43	20.22		
3	15	0		20.54	20.41	20.37		
3	1	0	256-QAM	18.63	18.64	18.38	18.91	0.0778
3	1	8		18.72	18.57	18.34		
3	1	14		18.70	18.49	18.34		
3	8	0		18.60	18.51	18.30		
3	8	4		18.71	18.79	18.65		
3	8	7		18.91	18.78	18.60		
3	15	0		18.74	18.56	18.40		



LTE Band 5 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.39	23.40	23.30	23.54	0.2259
1.4	1	3		23.49	23.39	23.14		
1.4	1	5		23.52	23.34	23.04		
1.4	3	0		23.44	23.37	23.32		
1.4	3	1		23.54	23.32	23.15		
1.4	3	3		23.47	23.32	23.08		
1.4	6	0		22.49	22.56	22.33		
1.4	1	0	16-QAM	22.60	22.38	22.30	22.89	0.1945
1.4	1	3		22.58	22.30	22.13		
1.4	1	5		22.58	22.41	22.33		
1.4	3	0		22.88	22.85	22.72		
1.4	3	1		22.89	22.69	22.63		
1.4	3	3		22.88	22.70	22.58		
1.4	6	0		21.55	21.46	21.32		
1.4	1	0	64-QAM	21.53	21.41	21.22	21.78	0.1507
1.4	1	3		21.52	21.45	21.33		
1.4	1	5		21.63	21.44	21.28		
1.4	3	0		21.66	21.69	21.58		
1.4	3	1		21.78	21.59	21.38		
1.4	3	3		21.63	21.49	21.32		
1.4	6	0		20.52	20.46	20.28		
1.4	1	0	256-QAM	18.55	18.57	18.39	18.84	0.0766
1.4	1	3		18.67	18.53	18.35		
1.4	1	5		18.64	18.39	18.24		
1.4	3	0		18.57	18.37	18.20		
1.4	3	1		18.67	18.70	18.61		
1.4	3	3		18.84	18.78	18.54		
1.4	6	0		18.76	18.49	18.29		



LTE Band 7 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	22.17	22.08	22.09	22.26	0.1683
20	1	49		22.26	22.18	22.16		
20	1	99		22.20	22.20	22.14		
20	50	0		21.25	21.20	21.15		
20	50	24		21.37	21.23	21.18		
20	50	50		21.35	21.31	21.27		
20	100	0		21.34	21.23	21.18		
20	1	0	16-QAM	21.48	21.38	21.31	21.68	0.1472
20	1	49		21.68	21.63	21.67		
20	1	99		21.51	21.46	21.47		
20	50	0		20.27	20.23	20.16		
20	50	24		20.39	20.24	20.22		
20	50	50		20.38	20.34	20.30		
20	100	0		20.37	20.23	20.19		
20	1	0	64-QAM	20.31	20.33	20.29	20.58	0.1143
20	1	49		20.58	20.43	20.49		
20	1	99		20.35	20.34	20.37		
20	50	0		19.28	19.20	19.16		
20	50	24		19.39	19.25	19.19		
20	50	50		19.36	19.33	19.28		
20	100	0		19.36	19.24	19.19		
20	1	0	256-QAM	17.48	17.51	17.61	17.64	0.0581
20	1	49		17.51	17.61	17.45		
20	1	99		17.64	17.63	17.52		
20	50	0		17.37	17.55	17.44		
20	50	24		17.49	17.53	17.42		
20	50	50		17.50	17.60	17.53		
20	100	0		17.44	17.50	17.43		



LTE Band 7 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	22.25	22.26	22.31	22.35	0.1718
15	1	37		22.23	22.29	22.31		
15	1	74		22.22	22.35	22.16		
15	36	0		21.38	21.33	21.33		
15	36	20		21.36	21.37	21.37		
15	36	39		21.37	21.43	21.31		
15	75	0		21.40	21.35	21.38		
15	1	0	16-QAM	21.32	21.43	21.44	21.49	0.1409
15	1	37		21.37	21.47	21.49		
15	1	74		21.26	21.35	21.26		
15	36	0		20.37	20.42	20.33		
15	36	20		20.39	20.37	20.41		
15	36	39		20.37	20.40	20.34		
15	75	0		20.41	20.37	20.42		
15	1	0	64-QAM	20.38	20.49	20.50	20.60	0.1148
15	1	37		20.60	20.53	20.36		
15	1	74		20.41	20.45	20.50		
15	36	0		19.39	19.39	19.34		
15	36	20		19.40	19.38	19.36		
15	36	39		19.41	19.43	19.34		
15	75	0		19.44	19.39	19.40		
15	1	0	256-QAM	17.38	17.45	17.44	17.56	0.0570
15	1	37		17.42	17.50	17.43		
15	1	74		17.56	17.55	17.42		
15	36	0		17.36	17.38	17.34		
15	36	20		17.41	17.34	17.36		
15	36	39		17.38	17.45	17.40		
15	75	0		17.39	17.37	17.37		



LTE Band 7 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	22.07	21.98	21.93	22.33	0.1710
10	1	25		22.29	22.33	21.98		
10	1	49		22.26	22.20	21.98		
10	25	0		21.25	21.38	21.16		
10	25	12		21.30	21.15	21.29		
10	25	25		21.16	21.51	21.24		
10	50	0		21.47	21.32	21.05		
10	1	0	16-QAM	21.66	21.37	21.42	21.74	0.1493
10	1	25		21.70	21.51	21.74		
10	1	49		21.39	21.44	21.28		
10	25	0		20.25	20.23	19.97		
10	25	12		20.37	20.04	20.40		
10	25	25		20.21	20.19	20.46		
10	50	0		20.36	20.13	20.26		
10	1	0	64-QAM	20.34	20.29	20.33	20.56	0.1138
10	1	25		20.51	20.56	20.44		
10	1	49		20.44	20.47	20.36		
10	25	0		19.46	19.31	19.25		
10	25	12		19.19	19.31	19.16		
10	25	25		19.28	19.16	19.25		
10	50	0		19.28	19.28	19.25		
10	1	0	256-QAM	17.45	17.43	17.58	17.70	0.0589
10	1	25		17.54	17.60	17.28		
10	1	49		17.63	17.48	17.70		
10	25	0		17.40	17.44	17.28		
10	25	12		17.40	17.52	17.27		
10	25	25		17.53	17.48	17.52		
10	50	0		17.53	17.38	17.49		



LTE Band 7 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	22.30	21.97	22.05	22.39	0.1734
5	1	12		22.07	22.09	22.31		
5	1	24		22.29	22.39	21.98		
5	12	0		21.11	21.16	21.16		
5	12	7		21.20	21.31	21.00		
5	12	13		21.24	21.36	21.47		
5	25	0		21.48	21.38	21.28		
5	1	0	16-QAM	21.38	21.29	21.43	21.71	0.1483
5	1	12		21.61	21.68	21.64		
5	1	24		21.71	21.49	21.36		
5	12	0		20.16	20.20	20.00		
5	12	7		20.51	20.09	20.34		
5	12	13		20.57	20.27	20.31		
5	25	0		20.48	20.03	20.13		
5	1	0	64-QAM	20.23	20.51	20.20	20.56	0.1138
5	1	12		20.56	20.31	20.45		
5	1	24		20.24	20.49	20.51		
5	12	0		19.44	19.12	19.15		
5	12	7		19.36	19.22	19.34		
5	12	13		19.28	19.41	19.32		
5	25	0		19.33	19.09	19.03		
5	1	0	256-QAM	17.53	17.66	17.80	17.80	0.0603
5	1	12		17.48	17.79	17.59		
5	1	24		17.49	17.74	17.51		
5	12	0		17.57	17.48	17.37		
5	12	7		17.31	17.69	17.47		
5	12	13		17.50	17.63	17.58		
5	25	0		17.30	17.64	17.47		



LTE Band 12 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	22.69	22.69	22.72	22.77	0.1892
10	1	25		22.73	22.77	22.77		
10	1	49		22.73	22.76	22.72		
10	25	0		21.77	21.80	21.81		
10	25	12		21.84	21.79	21.81		
10	25	25		21.80	21.84	21.86		
10	50	0		21.86	21.75	21.81		
10	1	0	16-QAM	22.11	22.11	22.17	22.19	0.1656
10	1	25		22.13	22.08	22.13		
10	1	49		22.07	22.14	22.19		
10	25	0		20.82	20.80	20.81		
10	25	12		20.89	20.83	20.82		
10	25	25		20.87	20.88	20.89		
10	50	0		20.87	20.80	20.84		
10	1	0	64-QAM	21.88	20.99	21.11	21.88	0.1542
10	1	25		21.84	21.02	21.02		
10	1	49		21.82	20.91	21.09		
10	25	0		20.78	19.80	19.85		
10	25	12		20.90	19.85	19.84		
10	25	25		20.90	19.86	19.87		
10	50	0		20.86	19.78	19.78		
10	1	0	256-QAM	18.12	18.22	18.21	18.35	0.0684
10	1	25		18.27	18.35	18.29		
10	1	49		18.28	18.29	18.31		
10	25	0		18.13	18.17	18.18		
10	25	12		18.23	18.21	18.19		
10	25	25		18.14	18.21	18.28		
10	50	0		18.20	18.15	18.22		



LTE Band 12 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	22.70	22.87	22.65	22.87	0.1936
5	1	12		22.75	22.69	22.80		
5	1	24		22.87	22.87	22.84		
5	12	0		21.59	21.70	22.01		
5	12	7		21.73	21.98	21.71		
5	12	13		21.92	22.00	21.71		
5	25	0		21.77	21.58	21.95		
5	1	0	16-QAM	22.16	22.19	22.31	22.31	0.1702
5	1	12		21.96	22.04	22.23		
5	1	24		22.02	22.20	22.22		
5	12	0		20.68	20.64	20.96		
5	12	7		20.74	20.80	20.70		
5	12	13		20.83	20.90	20.91		
5	25	0		20.94	20.68	20.93		
5	1	0	64-QAM	21.98	21.12	20.92	21.98	0.1578
5	1	12		21.94	21.00	20.95		
5	1	24		21.80	21.03	21.16		
5	12	0		20.80	19.87	19.94		
5	12	7		20.73	19.69	19.86		
5	12	13		21.02	19.74	19.73		
5	25	0		20.87	19.86	19.88		
5	1	0	256-QAM	18.28	18.29	18.31	18.46	0.0701
5	1	12		18.42	18.29	18.12		
5	1	24		18.46	18.23	18.41		
5	12	0		17.94	18.02	18.06		
5	12	7		18.30	18.26	18.29		
5	12	13		18.23	18.40	18.09		
5	25	0		18.00	18.12	18.19		



LTE Band 12 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	22.53	22.66	22.79	22.93	0.1963
3	1	8		22.63	22.78	22.93		
3	1	14		22.57	22.88	22.68		
3	8	0		21.89	21.89	21.99		
3	8	4		22.04	21.84	21.88		
3	8	7		21.99	21.82	21.96		
3	15	0		21.82	21.79	21.66		
3	1	0	16-QAM	22.16	22.16	22.24	22.36	0.1722
3	1	8		22.29	22.00	22.26		
3	1	14		21.96	22.32	22.36		
3	8	0		21.00	20.68	20.80		
3	8	4		20.77	20.69	20.89		
3	8	7		20.68	21.03	21.02		
3	15	0		21.04	20.90	20.80		
3	1	0	64-QAM	22.05	20.97	21.08	22.05	0.1603
3	1	8		22.01	20.98	20.86		
3	1	14		21.97	20.75	20.95		
3	8	0		20.93	19.61	19.84		
3	8	4		20.80	19.81	20.00		
3	8	7		21.02	20.04	20.05		
3	15	0		20.69	19.61	19.79		
3	1	0	256-QAM	18.32	18.16	18.21	18.44	0.0698
3	1	8		18.41	18.19	18.20		
3	1	14		18.44	18.25	18.21		
3	8	0		18.13	18.00	18.08		
3	8	4		18.30	18.12	18.00		
3	8	7		18.13	18.22	18.25		
3	15	0		18.06	17.95	18.22		



LTE Band 12 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	22.78	22.68	22.78	22.78	0.1897
1.4	1	3		22.64	22.68	22.59		
1.4	1	5		22.78	22.77	22.70		
1.4	3	0		21.73	21.86	21.74		
1.4	3	1		22.00	21.66	21.77		
1.4	3	3		21.69	21.83	21.81		
1.4	6	0		21.71	21.56	21.78		
1.4	1	0	16-QAM	22.19	22.09	22.36	22.36	0.1722
1.4	1	3		21.97	22.28	22.11		
1.4	1	5		21.88	22.30	22.31		
1.4	3	0		20.62	20.91	20.99		
1.4	3	1		20.85	20.75	20.63		
1.4	3	3		21.00	20.82	20.87		
1.4	6	0		20.91	20.93	20.80		
1.4	1	0	64-QAM	21.92	21.13	21.13	21.99	0.1581
1.4	1	3		21.99	20.94	21.05		
1.4	1	5		21.80	20.84	20.89		
1.4	3	0		20.78	19.73	19.74		
1.4	3	1		20.72	19.75	19.68		
1.4	3	3		20.77	19.97	20.05		
1.4	6	0		21.00	19.92	19.90		
1.4	1	0	256-QAM	18.08	18.18	18.06	18.43	0.0697
1.4	1	3		18.15	18.36	18.43		
1.4	1	5		18.38	18.21	18.19		
1.4	3	0		17.97	18.22	18.20		
1.4	3	1		18.18	18.25	18.18		
1.4	3	3		18.15	18.03	18.34		
1.4	6	0		18.01	18.27	18.23		



LTE Band 13 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK		23.45		23.45	0.2213
10	1	25			23.40			
10	1	49			23.25			
10	25	0			22.52			
10	25	12			22.43			
10	25	25			22.36			
10	50	0			22.41			
10	1	0	16-QAM	-	22.88	-	22.88	0.1941
10	1	25			22.79			
10	1	49			22.69			
10	25	0			21.54			
10	25	12			21.43			
10	25	25			21.39			
10	50	0			21.40			
10	1	0	64-QAM		21.68		21.68	0.1472
10	1	25			21.68			
10	1	49			21.51			
10	25	0			20.53			
10	25	12			20.43			
10	25	25			20.37			
10	50	0			20.43			
10	1	0	256-QAM		18.61		18.73	0.0746
10	1	25			18.43			
10	1	49			18.49			
10	25	0			18.50			
10	25	12			18.73			
10	25	25			18.70			
10	50	0			18.60			



LTE Band 13 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.37	23.37	23.40	23.40	0.2188
5	1	12		23.30	23.33	23.32		
5	1	24		23.16	23.18	23.18		
5	12	0		22.50	22.44	22.48		
5	12	7		22.37	22.36	22.33		
5	12	13		22.30	22.29	22.29		
5	25	0		22.31	22.33	22.32		
5	1	0	16-QAM	22.86	22.88	22.88	22.88	0.1941
5	1	12		22.69	22.71	22.70		
5	1	24		22.62	22.60	22.62		
5	12	0		21.48	21.48	21.46		
5	12	7		21.41	21.43	21.37		
5	12	13		21.31	21.32	21.35		
5	25	0		21.31	21.32	21.40		
5	1	0	64-QAM	21.64	21.61	21.59	21.65	0.1462
5	1	12		21.64	21.65	21.62		
5	1	24		21.41	21.51	21.42		
5	12	0		20.53	20.51	20.44		
5	12	7		20.36	20.39	20.41		
5	12	13		20.35	20.35	20.37		
5	25	0		20.34	20.37	20.42		
5	1	0	256-QAM	18.59	18.51	18.58	18.73	0.0746
5	1	12		18.40	18.34	18.40		
5	1	24		18.46	18.43	18.49		
5	12	0		18.44	18.46	18.47		
5	12	7		18.66	18.69	18.73		
5	12	13		18.63	18.61	18.61		
5	25	0		18.58	18.56	18.50		



LTE Band 17 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	22.71	22.74	22.74	22.83	0.1919
10	1	25		22.80	22.73	22.83		
10	1	49		22.73	22.75	22.69		
10	25	0		21.80	21.79	21.80		
10	25	12		21.86	21.80	21.80		
10	25	25		21.82	21.85	21.83		
10	50	0		21.86	21.86	21.87		
10	1	0	16-QAM	22.02	22.09	22.09	22.24	0.1675
10	1	25		22.10	22.20	22.15		
10	1	49		22.15	22.21	22.24		
10	25	0		20.83	20.78	20.86		
10	25	12		20.88	20.83	20.82		
10	25	25		20.86	20.84	20.86		
10	50	0		20.90	20.88	20.87		
10	1	0	64-QAM	21.01	20.97	21.02	21.07	0.1279
10	1	25		20.97	20.96	21.01		
10	1	49		20.98	21.01	21.07		
10	25	0		19.82	19.81	19.86		
10	25	12		19.89	19.81	19.83		
10	25	25		19.85	19.84	19.87		
10	50	0		19.89	19.87	19.88		
10	1	0	256-QAM	18.23	18.22	18.23	18.34	0.0682
10	1	25		18.31	18.34	18.31		
10	1	49		18.32	18.30	18.32		
10	25	0		18.19	18.21	18.20		
10	25	12		18.28	18.21	18.19		
10	25	25		18.22	18.26	18.22		
10	50	0		18.25	18.23	18.24		



LTE Band 17 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	22.66	22.55	22.69	23.01	0.2000
5	1	12		22.86	22.89	23.01		
5	1	24		22.79	22.66	22.83		
5	12	0		21.82	21.74	21.79		
5	12	7		21.68	21.69	21.89		
5	12	13		21.73	21.89	21.88		
5	25	0		21.66	22.03	21.73		
5	1	0	16-QAM	22.14	22.05	21.92	22.36	0.1722
5	1	12		21.92	22.09	22.29		
5	1	24		22.01	22.36	22.36		
5	12	0		20.69	20.97	20.98		
5	12	7		21.07	20.81	20.76		
5	12	13		20.78	20.83	20.76		
5	25	0		20.78	20.86	20.97		
5	1	0	64-QAM	21.02	20.98	21.12	21.20	0.1318
5	1	12		20.98	20.97	21.02		
5	1	24		20.85	20.84	21.20		
5	12	0		19.83	19.91	19.70		
5	12	7		19.84	20.00	19.68		
5	12	13		19.84	19.72	19.84		
5	25	0		20.03	20.07	20.03		
5	1	0	256-QAM	18.31	18.21	18.06	18.50	0.0708
5	1	12		18.31	18.24	18.31		
5	1	24		18.40	18.50	18.21		
5	12	0		18.07	18.04	18.31		
5	12	7		18.10	18.34	18.12		
5	12	13		18.40	18.23	18.38		
5	25	0		18.34	18.31	18.41		



LTE Band 26 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	23.63	23.59	23.48	23.63	0.2307
15	1	37		23.58	23.40	23.20		
15	1	74		23.48	23.32	23.14		
15	36	0		22.59	22.54	22.38		
15	36	20		22.58	22.53	22.35		
15	36	39		22.60	22.38	22.27		
15	75	0		22.56	22.45	22.34		
15	1	0	16-QAM	22.83	22.86	22.74	22.97	0.1982
15	1	37		22.90	22.70	22.61		
15	1	74		22.97	22.78	22.59		
15	36	0		21.58	21.53	21.41		
15	36	20		21.67	21.51	21.31		
15	36	39		21.60	21.49	21.25		
15	75	0		21.57	21.44	21.35		
15	1	0	64-QAM	21.72	21.66	21.55	21.85	0.1531
15	1	37		21.85	21.70	21.48		
15	1	74		21.65	21.54	21.35		
15	36	0		20.54	20.55	20.35		
15	36	20		20.65	20.48	20.37		
15	36	39		20.59	20.42	20.30		
15	75	0		20.51	20.47	20.27		
15	1	0	256-QAM	18.56	18.57	18.34	18.90	0.0776
15	1	37		18.73	18.64	18.38		
15	1	74		18.61	18.55	18.37		
15	36	0		18.61	18.53	18.33		
15	36	20		18.67	18.78	18.59		
15	36	39		18.90	18.78	18.62		
15	75	0		18.71	18.59	18.48		



LTE Band 26 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.61	23.55	23.48	23.61	0.2296
10	1	25		23.58	23.38	23.10		
10	1	49		23.40	23.30	23.10		
10	25	0		22.55	22.54	22.28		
10	25	12		22.57	22.44	22.31		
10	25	25		22.52	22.31	22.23		
10	50	0		22.51	22.45	22.24		
10	1	0	16-QAM	22.74	22.86	22.68	22.97	0.1982
10	1	25		22.82	22.64	22.53		
10	1	49		22.97	22.69	22.53		
10	25	0		21.51	21.52	21.40		
10	25	12		21.58	21.47	21.25		
10	25	25		21.52	21.46	21.22		
10	50	0		21.53	21.41	21.29		
10	1	0	64-QAM	21.64	21.66	21.48	21.75	0.1496
10	1	25		21.75	21.70	21.44		
10	1	49		21.55	21.47	21.35		
10	25	0		20.46	20.50	20.32		
10	25	12		20.61	20.42	20.30		
10	25	25		20.51	20.41	20.22		
10	50	0		20.48	20.47	20.18		
10	1	0	256-QAM	18.53	18.54	18.30	18.85	0.0767
10	1	25		18.67	18.64	18.30		
10	1	49		18.58	18.54	18.28		
10	25	0		18.56	18.46	18.33		
10	25	12		18.66	18.76	18.50		
10	25	25		18.85	18.78	18.58		
10	50	0		18.62	18.52	18.41		



LTE Band 26 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.54	23.58	23.40	23.58	0.2280
5	1	12		23.55	23.34	23.19		
5	1	24		23.40	23.29	23.12		
5	12	0		22.57	22.44	22.32		
5	12	7		22.50	22.46	22.30		
5	12	13		22.57	22.28	22.23		
5	25	0		22.53	22.38	22.32		
5	1	0	16-QAM	22.77	22.76	22.69	22.96	0.1977
5	1	12		22.82	22.67	22.59		
5	1	24		22.96	22.71	22.51		
5	12	0		21.54	21.51	21.32		
5	12	7		21.62	21.46	21.30		
5	12	13		21.56	21.40	21.21		
5	25	0		21.49	21.37	21.31		
5	1	0	64-QAM	21.67	21.63	21.50	21.77	0.1503
5	1	12		21.77	21.69	21.39		
5	1	24		21.61	21.53	21.35		
5	12	0		20.44	20.55	20.31		
5	12	7		20.65	20.48	20.30		
5	12	13		20.59	20.38	20.20		
5	25	0		20.42	20.41	20.18		
5	1	0	256-QAM	18.56	18.50	18.30	18.83	0.0764
5	1	12		18.69	18.61	18.36		
5	1	24		18.60	18.49	18.28		
5	12	0		18.60	18.50	18.32		
5	12	7		18.60	18.76	18.57		
5	12	13		18.83	18.77	18.57		
5	25	0		18.71	18.56	18.42		



LTE Band 26 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.54	23.55	23.42	23.56	0.2270
3	1	8		23.56	23.35	23.17		
3	1	14		23.44	23.22	23.04		
3	8	0		22.50	22.54	22.30		
3	8	4		22.55	22.47	22.29		
3	8	7		22.60	22.30	22.25		
3	15	0		22.49	22.37	22.30		
3	1	0	16-QAM	22.75	22.80	22.73	22.89	0.1945
3	1	8		22.86	22.66	22.52		
3	1	14		22.89	22.77	22.54		
3	8	0		21.51	21.47	21.41		
3	8	4		21.66	21.44	21.21		
3	8	7		21.58	21.40	21.20		
3	15	0		21.50	21.42	21.32		
3	1	0	64-QAM	21.67	21.61	21.48	21.82	0.1521
3	1	8		21.82	21.60	21.45		
3	1	14		21.60	21.48	21.25		
3	8	0		20.52	20.47	20.31		
3	8	4		20.56	20.41	20.33		
3	8	7		20.49	20.34	20.25		
3	15	0		20.51	20.40	20.19		
3	1	0	256-QAM	18.51	18.56	18.31	18.88	0.0773
3	1	8		18.72	18.54	18.32		
3	1	14		18.55	18.54	18.37		
3	8	0		18.57	18.49	18.27		
3	8	4		18.60	18.77	18.50		
3	8	7		18.88	18.77	18.53		
3	15	0		18.68	18.55	18.45		



LTE Band 26 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.29	23.35	23.29	23.49	0.2234
1.4	1	3		23.41	23.37	23.04		
1.4	1	5		23.49	23.28	22.94		
1.4	3	0		23.42	23.36	23.31		
1.4	3	1		23.44	23.28	23.13		
1.4	3	3		23.46	23.22	22.99		
1.4	6	0		22.46	22.47	22.27		
1.4	1	0	16-QAM	22.58	22.35	22.21	22.86	0.1932
1.4	1	3		22.51	22.26	22.09		
1.4	1	5		22.57	22.34	22.32		
1.4	3	0		22.86	22.83	22.68		
1.4	3	1		22.81	22.62	22.56		
1.4	3	3		22.81	22.64	22.52		
1.4	6	0		21.53	21.36	21.29		
1.4	1	0	64-QAM	21.47	21.38	21.13	21.73	0.1489
1.4	1	3		21.50	21.45	21.31		
1.4	1	5		21.63	21.40	21.24		
1.4	3	0		21.59	21.62	21.58		
1.4	3	1		21.73	21.52	21.32		
1.4	3	3		21.53	21.46	21.30		
1.4	6	0		20.48	20.43	20.25		
1.4	1	0	256-QAM	18.46	18.48	18.32	18.74	0.0748
1.4	1	3		18.67	18.50	18.35		
1.4	1	5		18.63	18.31	18.22		
1.4	3	0		18.51	18.37	18.17		
1.4	3	1		18.58	18.64	18.57		
1.4	3	3		18.74	18.72	18.50		
1.4	6	0		18.69	18.49	18.24		



LTE Band 41 HPUE Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	24.31	24.30	24.15	24.34	0.2716
20	1	49		24.34	24.23	24.17		
20	1	99		24.32	24.25	24.24		
20	50	0		23.35	23.27	23.16		
20	50	24		23.44	23.27	23.18		
20	50	50		23.42	23.30	23.22		
20	100	0		23.43	23.25	23.15		
20	1	0	16-QAM	23.64	23.69	23.40	23.85	0.2427
20	1	49		23.84	23.69	23.85		
20	1	99		23.63	23.60	23.58		
20	50	0		22.37	22.28	22.22		
20	50	24		22.46	22.30	22.18		
20	50	50		22.48	22.32	22.26		
20	100	0		22.47	22.28	22.18		
20	1	0	64-QAM	22.59	22.56	22.35	22.66	0.1845
20	1	49		22.66	22.51	22.43		
20	1	99		22.53	22.49	22.46		
20	50	0		21.37	21.29	21.18		
20	50	24		21.45	21.28	21.21		
20	50	50		21.44	21.31	21.26		
20	100	0		21.44	21.26	21.19		
20	1	0	256-QAM	19.10	19.34	19.62	19.62	0.0916
20	1	49		19.15	19.33	19.34		
20	1	99		19.41	19.30	19.50		
20	50	0		19.15	19.11	19.36		
20	50	24		19.22	19.12	19.34		
20	50	50		19.25	19.22	19.44		
20	100	0		19.24	19.13	19.07		



LTE Band 41 HPUE Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	24.44	24.38	24.07	24.46	0.2793
15	1	37		24.17	24.03	24.36		
15	1	74		24.46	24.12	24.41		
15	36	0		23.50	23.30	23.29		
15	36	20		23.52	23.08	23.01		
15	36	39		23.23	23.47	23.04		
15	75	0		23.43	23.10	23.23		
15	1	0	16-QAM	23.80	23.81	23.38	23.98	0.2500
15	1	37		23.85	23.69	23.98		
15	1	74		23.49	23.56	23.49		
15	36	0		22.21	22.23	22.30		
15	36	20		22.28	22.22	22.17		
15	36	39		22.31	22.42	22.32		
15	75	0		22.29	22.45	22.37		
15	1	0	64-QAM	22.44	22.75	22.33	22.75	0.1884
15	1	37		22.70	22.51	22.41		
15	1	74		22.63	22.68	22.61		
15	36	0		21.25	21.43	21.26		
15	36	20		21.27	21.11	21.32		
15	36	39		21.59	21.17	21.30		
15	75	0		21.34	21.46	21.00		
15	1	0	256-QAM	19.09	19.35	19.82	19.82	0.0959
15	1	37		19.03	19.35	19.34		
15	1	74		19.60	19.23	19.50		
15	36	0		19.30	18.95	19.38		
15	36	20		19.36	19.29	19.38		
15	36	39		19.28	19.12	19.28		
15	75	0		19.16	19.11	19.20		



LTE Band 41 HPUE Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	24.18	24.20	24.18	24.42	0.2767
10	1	25		24.28	24.19	24.04		
10	1	49		24.42	24.36	24.32		
10	25	0		23.51	23.46	23.24		
10	25	12		23.55	23.08	23.36		
10	25	25		23.60	23.47	23.31		
10	50	0		23.35	23.44	23.19		
10	1	0	16-QAM	23.61	23.87	23.28	24.02	0.2523
10	1	25		24.02	23.66	23.67		
10	1	49		23.68	23.69	23.44		
10	25	0		22.50	22.20	22.09		
10	25	12		22.36	22.44	22.38		
10	25	25		22.60	22.19	22.21		
10	50	0		22.47	22.24	22.35		
10	1	0	64-QAM	22.69	22.67	22.32	22.73	0.1875
10	1	25		22.59	22.61	22.29		
10	1	49		22.73	22.48	22.60		
10	25	0		21.20	21.25	21.31		
10	25	12		21.36	21.42	21.31		
10	25	25		21.58	21.37	21.38		
10	50	0		21.31	21.45	21.21		
10	1	0	256-QAM	18.96	19.54	19.42	19.64	0.0920
10	1	25		19.03	19.40	19.43		
10	1	49		19.46	19.19	19.64		
10	25	0		19.21	18.98	19.18		
10	25	12		19.38	19.21	19.27		
10	25	25		19.12	19.05	19.30		
10	50	0		19.08	18.95	18.87		



LTE Band 41 HPUE Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	24.16	24.33	24.25	24.49	0.2812
5	1	12		24.49	24.16	24.05		
5	1	24		24.36	24.23	24.04		
5	12	0		23.42	23.32	23.15		
5	12	7		23.31	23.11	23.37		
5	12	13		23.22	23.23	23.26		
5	25	0		23.36	23.09	23.24		
5	1	0	16-QAM	23.44	23.79	23.37	24.04	0.2535
5	1	12		24.04	23.63	23.84		
5	1	24		23.64	23.53	23.38		
5	12	0		22.54	22.28	22.04		
5	12	7		22.33	22.19	22.29		
5	12	13		22.57	22.31	22.07		
5	25	0		22.44	22.21	22.37		
5	1	0	64-QAM	22.69	22.56	22.25	22.80	0.1905
5	1	12		22.80	22.35	22.35		
5	1	24		22.69	22.42	22.59		
5	12	0		21.48	21.17	21.24		
5	12	7		21.35	21.23	21.21		
5	12	13		21.56	21.43	21.44		
5	25	0		21.32	21.15	21.34		
5	1	0	256-QAM	18.92	19.33	19.82	19.82	0.0959
5	1	12		19.12	19.46	19.30		
5	1	24		19.39	19.40	19.36		
5	12	0		18.98	19.03	19.23		
5	12	7		19.23	19.31	19.52		
5	12	13		19.31	19.14	19.59		
5	25	0		19.32	19.30	18.89		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	23.50	23.20	23.07	23.50	0.2239
20	1	49		23.34	23.08	22.97		
20	1	99		23.28	23.03	22.87		
20	50	0		22.53	22.24	22.09		
20	50	24		22.40	22.20	22.14		
20	50	50		22.32	22.17	22.07		
20	100	0		22.38	22.21	22.12		
20	1	0	16-QAM	22.85	22.62	22.35	22.85	0.1928
20	1	49		22.84	22.48	22.39		
20	1	99		22.58	22.31	22.15		
20	50	0		21.55	21.26	21.10		
20	50	24		21.43	21.23	21.15		
20	50	50		21.34	21.18	21.09		
20	100	0		21.39	21.21	21.13		
20	1	0	64-QAM	21.64	21.42	21.29	21.64	0.1459
20	1	49		21.56	21.38	21.20		
20	1	99		21.48	21.24	21.06		
20	50	0		20.52	20.25	20.08		
20	50	24		20.41	20.21	20.14		
20	50	50		20.33	20.17	20.06		
20	100	0		20.38	20.20	20.11		
20	1	0	256-QAM	18.56	18.31	18.12	18.70	0.0741
20	1	49		18.43	18.26	18.16		
20	1	99		18.36	18.18	18.17		
20	50	0		18.41	18.31	18.23		
20	50	24		18.70	18.46	18.29		
20	50	50		18.62	18.40	18.28		
20	100	0		18.52	18.25	18.07		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	23.48	23.15	23.07	23.48	0.2228
15	1	37		23.30	23.07	22.93		
15	1	74		23.20	22.93	22.83		
15	36	0		22.43	22.22	22.07		
15	36	20		22.31	22.15	22.11		
15	36	39		22.30	22.10	21.97		
15	75	0		22.33	22.15	22.05		
15	1	0	16-QAM	22.83	22.57	22.35	22.83	0.1919
15	1	37		22.75	22.39	22.37		
15	1	74		22.51	22.23	22.09		
15	36	0		21.52	21.22	21.05		
15	36	20		21.33	21.13	21.05		
15	36	39		21.24	21.08	21.06		
15	75	0		21.35	21.17	21.06		
15	1	0	64-QAM	21.62	21.36	21.28	21.62	0.1452
15	1	37		21.54	21.37	21.14		
15	1	74		21.41	21.22	20.97		
15	36	0		20.51	20.21	20.00		
15	36	20		20.33	20.20	20.11		
15	36	39		20.26	20.16	20.05		
15	75	0		20.36	20.16	20.02		
15	1	0	256-QAM	18.56	18.27	18.07	18.70	0.0741
15	1	37		18.40	18.23	18.08		
15	1	74		18.31	18.17	18.09		
15	36	0		18.36	18.25	18.16		
15	36	20		18.70	18.41	18.21		
15	36	39		18.52	18.34	18.19		
15	75	0		18.51	18.20	18.06		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	23.42	23.15	22.97	23.42	0.2198
10	1	25		23.31	23.00	22.88		
10	1	49		23.24	23.00	22.78		
10	25	0		22.48	22.20	21.99		
10	25	12		22.34	22.14	22.14		
10	25	25		22.31	22.11	22.05		
10	50	0		22.37	22.12	22.09		
10	1	0	16-QAM	22.85	22.53	22.30	22.85	0.1928
10	1	25		22.82	22.40	22.32		
10	1	49		22.56	22.25	22.12		
10	25	0		21.49	21.22	21.08		
10	25	12		21.38	21.13	21.15		
10	25	25		21.26	21.18	20.99		
10	50	0		21.37	21.13	21.08		
10	1	0	64-QAM	21.54	21.42	21.29	21.54	0.1426
10	1	25		21.50	21.36	21.14		
10	1	49		21.47	21.20	21.00		
10	25	0		20.42	20.19	20.02		
10	25	12		20.40	20.21	20.13		
10	25	25		20.32	20.12	19.96		
10	50	0		20.31	20.10	20.05		
10	1	0	256-QAM	18.48	18.30	18.08	18.66	0.0735
10	1	25		18.43	18.17	18.06		
10	1	49		18.36	18.15	18.14		
10	25	0		18.37	18.21	18.19		
10	25	12		18.66	18.46	18.19		
10	25	25		18.59	18.36	18.24		
10	50	0		18.51	18.22	18.02		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	23.42	23.10	23.02	23.42	0.2198
5	1	12		23.25	23.06	22.88		
5	1	24		23.22	22.99	22.86		
5	12	0		22.43	22.22	22.01		
5	12	7		22.30	22.20	22.11		
5	12	13		22.29	22.16	22.01		
5	25	0		22.28	22.11	22.09		
5	1	0	16-QAM	22.80	22.62	22.35	22.80	0.1905
5	1	12		22.79	22.46	22.34		
5	1	24		22.51	22.28	22.09		
5	12	0		21.54	21.18	21.10		
5	12	7		21.42	21.16	21.07		
5	12	13		21.30	21.10	21.06		
5	25	0		21.32	21.14	21.09		
5	1	0	64-QAM	21.55	21.32	21.29	21.55	0.1429
5	1	12		21.49	21.32	21.10		
5	1	24		21.45	21.15	21.05		
5	12	0		20.52	20.20	20.00		
5	12	7		20.32	20.14	20.05		
5	12	13		20.31	20.08	20.05		
5	25	0		20.35	20.17	20.03		
5	1	0	256-QAM	18.46	18.27	18.02	18.61	0.0726
5	1	12		18.43	18.21	18.16		
5	1	24		18.26	18.13	18.13		
5	12	0		18.41	18.29	18.14		
5	12	7		18.61	18.42	18.27		
5	12	13		18.53	18.37	18.18		
5	25	0		18.48	18.16	18.02		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
3	1	0	QPSK	23.45	23.12	23.07	23.45	0.2213
3	1	8		23.34	23.05	22.97		
3	1	14		23.28	23.01	22.77		
3	8	0		22.48	22.16	22.04		
3	8	4		22.38	22.16	22.12		
3	8	7		22.28	22.07	22.01		
3	15	0		22.32	22.16	22.08		
3	1	0	16-QAM	22.79	22.59	22.30	22.79	0.1901
3	1	8		22.78	22.38	22.31		
3	1	14		22.55	22.21	22.08		
3	8	0		21.48	21.19	21.00		
3	8	4		21.38	21.19	21.07		
3	8	7		21.25	21.11	21.04		
3	15	0		21.36	21.19	21.06		
3	1	0	64-QAM	21.59	21.41	21.22	21.59	0.1442
3	1	8		21.48	21.38	21.20		
3	1	14		21.38	21.17	21.03		
3	8	0		20.42	20.21	20.05		
3	8	4		20.37	20.16	20.05		
3	8	7		20.29	20.10	20.02		
3	15	0		20.30	20.16	20.07		
3	1	0	256-QAM	18.54	18.30	18.04	18.62	0.0728
3	1	8		18.39	18.23	18.14		
3	1	14		18.36	18.10	18.15		
3	8	0		18.37	18.22	18.21		
3	8	4		18.61	18.38	18.20		
3	8	7		18.62	18.32	18.23		
3	15	0		18.46	18.25	17.97		



LTE Band 66 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
1.4	1	0	QPSK	23.46	23.09	23.07	23.46	0.2218
1.4	1	3		23.21	23.05	22.93		
1.4	1	5		23.14	22.87	22.73		
1.4	3	0		23.46	23.07	23.05		
1.4	3	1		23.28	22.98	22.87		
1.4	3	3		23.10	22.89	22.77		
1.4	6	0		22.37	22.14	22.02		
1.4	1	0	16-QAM	22.29	22.05	22.04	22.79	0.1901
1.4	1	3		22.27	22.01	21.89		
1.4	1	5		22.23	22.12	21.98		
1.4	3	0		22.79	22.47	22.34		
1.4	3	1		22.66	22.30	22.30		
1.4	3	3		22.43	22.16	22.07		
1.4	6	0		21.50	21.17	20.99		
1.4	1	0	64-QAM	21.25	21.07	20.97	21.56	0.1432
1.4	1	3		21.22	21.06	21.02		
1.4	1	5		21.28	21.17	21.04		
1.4	3	0		21.56	21.31	21.26		
1.4	3	1		21.54	21.34	21.08		
1.4	3	3		21.31	21.14	20.88		
1.4	6	0		20.49	20.14	19.90		
1.4	1	0	256-QAM	18.49	18.23	17.99	18.70	0.0741
1.4	1	3		18.35	18.23	18.07		
1.4	1	5		18.27	18.13	18.08		
1.4	3	0		18.35	18.24	18.07		
1.4	3	1		18.70	18.34	18.11		
1.4	3	3		18.51	18.32	18.15		
1.4	6	0		18.43	18.15	18.03		



LTE Band 71 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
20	1	0	QPSK	22.40	22.29	22.22	22.40	0.1738
20	1	49		22.33	22.27	22.24		
20	1	99		22.19	22.27	22.22		
20	50	0		21.43	21.25	21.25		
20	50	24		21.47	21.32	21.28		
20	50	50		21.41	21.32	21.36		
20	100	0		21.43	21.30	21.37		
20	1	0	16-QAM	21.58	21.38	21.42	21.95	0.1567
20	1	49		21.95	21.77	21.58		
20	1	99		21.71	21.48	21.58		
20	50	0		20.47	20.26	20.28		
20	50	24		20.52	20.28	20.30		
20	50	50		20.45	20.25	20.36		
20	100	0		20.46	20.33	20.36		
20	1	0	64-QAM	20.54	20.35	20.36	20.78	0.1197
20	1	49		20.55	20.40	20.78		
20	1	99		20.45	20.42	20.43		
20	50	0		19.49	19.19	19.30		
20	50	24		19.43	19.27	19.31		
20	50	50		19.35	19.30	19.35		
20	100	0		19.40	19.27	19.38		
20	1	0	256-QAM	17.89	17.99	17.91	18.17	0.0656
20	1	49		17.90	18.03	18.01		
20	1	99		17.94	18.12	18.17		
20	50	0		17.86	17.79	17.84		
20	50	24		17.90	17.88	17.87		
20	50	50		17.84	17.89	17.92		
20	100	0		17.91	17.87	17.93		



LTE Band 71 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
15	1	0	QPSK	22.60	22.12	22.41	22.60	0.1820
15	1	37		22.33	22.42	22.29		
15	1	74		22.38	22.42	22.11		
15	36	0		21.28	21.30	21.21		
15	36	20		21.46	21.14	21.19		
15	36	39		21.35	21.41	21.35		
15	75	0		21.37	21.12	21.23		
15	1	0	16-QAM	21.69	21.48	21.52	22.07	0.1611
15	1	37		22.07	21.58	21.60		
15	1	74		21.59	21.43	21.56		
15	36	0		20.65	20.23	20.34		
15	36	20		20.44	20.39	20.31		
15	36	39		20.59	20.39	20.26		
15	75	0		20.41	20.32	20.35		
15	1	0	64-QAM	20.68	20.35	20.40	20.68	0.1169
15	1	37		20.64	20.31	20.66		
15	1	74		20.65	20.47	20.23		
15	36	0		19.55	19.12	19.16		
15	36	20		19.29	19.27	19.44		
15	36	39		19.31	19.25	19.51		
15	75	0		19.23	19.36	19.20		
15	1	0	256-QAM	17.76	18.03	17.86	18.22	0.0664
15	1	37		17.89	17.96	18.10		
15	1	74		17.93	18.22	18.13		
15	36	0		17.90	17.94	17.77		
15	36	20		17.76	17.77	17.93		
15	36	39		17.87	17.91	17.97		
15	75	0		17.76	17.90	18.12		



LTE Band 71 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
10	1	0	QPSK	22.43	22.13	22.07	22.50	0.1778
10	1	25		22.50	22.09	22.31		
10	1	49		22.23	22.23	22.30		
10	25	0		21.50	21.29	21.23		
10	25	12		21.30	21.29	21.40		
10	25	25		21.34	21.24	21.19		
10	50	0		21.62	21.20	21.41		
10	1	0	16-QAM	21.46	21.48	21.53	22.11	0.1626
10	1	25		22.11	21.85	21.54		
10	1	49		21.66	21.41	21.50		
10	25	0		20.32	20.37	20.25		
10	25	12		20.68	20.43	20.21		
10	25	25		20.31	20.12	20.40		
10	50	0		20.33	20.15	20.34		
10	1	0	64-QAM	20.58	20.47	20.37	20.66	0.1164
10	1	25		20.51	20.41	20.66		
10	1	49		20.36	20.42	20.23		
10	25	0		19.47	19.00	19.31		
10	25	12		19.26	19.40	19.49		
10	25	25		19.36	19.10	19.38		
10	50	0		19.38	19.15	19.56		
10	1	0	256-QAM	17.77	17.88	17.71	18.36	0.0685
10	1	25		18.03	17.96	17.93		
10	1	49		17.98	18.22	18.36		
10	25	0		17.73	17.90	17.69		
10	25	12		17.95	17.90	18.04		
10	25	25		17.67	17.84	18.00		
10	50	0		18.07	18.03	17.90		



LTE Band 71 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
5	1	0	QPSK	22.53	22.28	22.13	22.53	0.1791
5	1	12		22.13	22.17	22.05		
5	1	24		22.15	22.39	22.40		
5	12	0		21.45	21.05	21.43		
5	12	7		21.52	21.20	21.11		
5	12	13		21.50	21.33	21.44		
5	25	0		21.23	21.21	21.47		
5	1	0	16-QAM	21.38	21.19	21.24	21.96	0.1570
5	1	12		21.96	21.76	21.68		
5	1	24		21.60	21.50	21.53		
5	12	0		20.65	20.13	20.27		
5	12	7		20.60	20.39	20.35		
5	12	13		20.28	20.28	20.32		
5	25	0		20.64	20.32	20.49		
5	1	0	64-QAM	20.38	20.18	20.53	20.84	0.1213
5	1	12		20.66	20.50	20.84		
5	1	24		20.42	20.51	20.27		
5	12	0		19.66	19.11	19.42		
5	12	7		19.26	19.31	19.11		
5	12	13		19.17	19.23	19.52		
5	25	0		19.43	19.20	19.20		
5	1	0	256-QAM	17.93	17.99	17.83	18.24	0.0667
5	1	12		17.83	17.87	17.91		
5	1	24		17.94	18.11	18.24		
5	12	0		17.82	17.94	17.84		
5	12	7		17.79	17.96	18.04		
5	12	13		18.01	18.07	17.86		
5	25	0		17.73	17.86	18.12		



LTE Band 5B_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.30	21.24	21.33	23.06	0.2023
10+10	1	0	1	49		12.84	12.74	12.82		
10+10	1	49	1	0		23.05	23.06	22.76		
10+10	50	0	50	0	16-QAM	20.32	20.27	20.26	22.16	0.1644
10+10	1	0	1	49		12.88	12.87	12.71		
10+10	1	49	1	0		22.16	22.02	21.80		
10+10	50	0	50	0	64-QAM	20.32	20.29	20.34	21.21	0.1321
10+10	1	0	1	49		12.57	12.88	12.81		
10+10	1	49	1	0		21.21	21.00	21.04		
10+10	50	0	50	0	256-QAM	18.39	18.33	18.27	18.39	0.0690
10+10	1	0	1	49		12.89	12.66	13.00		
10+10	1	49	1	0		18.15	18.05	18.14		
10+5	50	0	25	0	QPSK	21.48	21.33	21.07	23.10	0.2042
10+5	1	0	1	24		13.42	13.36	13.11		
10+5	1	49	1	0		23.10	22.78	22.78		
10+5	50	0	25	0	16-QAM	20.51	20.37	20.12	22.12	0.1629
10+5	1	0	1	24		13.44	13.63	13.17		
10+5	1	49	1	0		22.12	22.08	21.98		
10+5	50	0	25	0	64-QAM	20.51	20.31	20.19	21.21	0.1321
10+5	1	0	1	24		13.46	13.52	13.13		
10+5	1	49	1	0		21.21	20.98	20.88		
10+5	50	0	25	0	256-QAM	18.41	18.36	18.19	18.41	0.0693
10+5	1	0	1	24		13.19	13.36	13.27		
10+5	1	49	1	0		18.29	18.08	18.04		
5+10	25	0	50	0	QPSK	21.54	21.42	21.25	23.38	0.2178
5+10	1	0	1	49		13.39	13.41	13.20		
5+10	1	24	1	0		23.38	23.28	22.94		
5+10	25	0	50	0	16-QAM	20.52	20.43	20.23	22.31	0.1702
5+10	1	0	1	49		13.72	13.55	13.22		
5+10	1	24	1	0		22.31	22.18	22.20		
5+10	25	0	50	0	64-QAM	20.50	20.46	20.31	21.42	0.1387
5+10	1	0	1	49		13.74	13.23	13.17		
5+10	1	24	1	0		21.42	21.30	21.03		
5+10	25	0	50	0	256-QAM	18.56	18.38	18.21	18.56	0.0718
5+10	1	0	1	49		13.51	13.38	13.19		
5+10	1	24	1	0		18.41	18.28	18.15		



LTE Band 5B_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.68	23.51	23.24	23.68	0.2333
5+3	1	0	1	14		13.81	13.56	13.27		
5+3	1	24	1	0		23.55	23.33	23.07		
5+3	25	0	15	0	16-QAM	23.76	23.50	23.21	23.76	0.2377
5+3	1	0	1	14		13.91	13.54	13.38		
5+3	1	24	1	0		23.61	23.22	22.71		
5+3	25	0	15	0	64-QAM	22.96	22.99	22.52	22.99	0.1991
5+3	1	0	1	14		13.75	13.45	13.35		
5+3	1	24	1	0		22.55	22.79	21.60		
5+3	25	0	15	0	256-QAM	21.93	21.84	21.49	21.99	0.1581
5+3	1	0	1	14		13.65	13.33	13.29		
5+3	1	24	1	0		21.66	21.99	20.70		
3+5	15	0	25	0	QPSK	23.64	23.57	23.30	23.64	0.2312
3+5	1	0	1	24		13.64	13.55	13.31		
3+5	1	14	1	0		23.53	23.38	23.17		
3+5	15	0	25	0	16-QAM	23.68	23.56	23.27	23.68	0.2333
3+5	1	0	1	24		13.78	13.71	13.24		
3+5	1	14	1	0		23.68	23.34	23.16		
3+5	15	0	25	0	64-QAM	22.98	22.79	22.64	23.03	0.2009
3+5	1	0	1	24		13.75	13.45	13.12		
3+5	1	14	1	0		23.03	22.41	22.46		
3+5	15	0	25	0	256-QAM	21.97	21.66	17.67	21.97	0.1574
3+5	1	0	1	24		13.57	13.59	13.20		
3+5	1	14	1	0		21.93	21.47	17.40		



LTE Band 66C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.34	21.46	21.34	23.30	0.2138
20+20	1	0	1	99		14.81	14.86	14.79		
20+20	1	99	1	0		23.30	23.26	23.16		
20+20	100	0	100	0	16-QAM	20.64	20.40	20.35	22.14	0.1637
20+20	1	0	1	99		14.87	14.75	14.76		
20+20	1	99	1	0		22.14	22.13	22.06		
20+20	100	0	100	0	64-QAM	20.45	20.38	20.33	21.43	0.1390
20+20	1	0	1	99		14.97	14.64	14.75		
20+20	1	99	1	0		21.43	21.19	21.05		
20+20	100	0	100	0	256-QAM	18.39	18.44	18.39	18.46	0.0701
20+20	1	0	1	99		14.77	14.82	14.79		
20+20	1	99	1	0		18.35	18.27	18.46		
20+15	100	0	75	0	QPSK	21.48	21.43	21.29	23.32	0.2148
20+15	1	0	1	74		14.90	14.84	14.76		
20+15	1	74	1	0		23.32	23.23	23.14		
20+15	100	0	75	0	16-QAM	20.40	20.44	20.32	22.28	0.1690
20+15	1	0	1	74		14.78	14.80	14.68		
20+15	1	74	1	0		22.11	22.13	22.28		
20+15	100	0	75	0	64-QAM	20.42	20.38	20.32	21.46	0.1400
20+15	1	0	1	74		15.00	14.75	14.70		
20+15	1	74	1	0		21.46	21.36	21.18		
20+15	100	0	75	0	256-QAM	18.46	18.42	18.37	18.46	0.0701
20+15	1	0	1	74		14.96	14.78	14.81		
20+15	1	74	1	0		18.44	18.07	18.16		
15+20	75	0	100	0	QPSK	21.42	21.42	21.31	23.21	0.2094
15+20	1	0	1	99		14.90	14.95	14.85		
15+20	1	74	1	0		22.89	23.21	23.17		
15+20	75	0	100	0	16-QAM	20.45	20.42	20.30	22.32	0.1706
15+20	1	0	1	99		14.81	14.71	14.64		
15+20	1	74	1	0		22.11	22.32	22.10		
15+20	75	0	100	0	64-QAM	20.37	20.43	20.33	21.43	0.1390
15+20	1	0	1	99		14.82	14.64	14.80		
15+20	1	74	1	0		21.43	21.37	21.27		
15+20	75	0	100	0	256-QAM	18.32	18.46	18.34	18.46	0.0701
15+20	1	0	1	99		14.98	14.89	14.48		
15+20	1	74	1	0		18.10	18.36	18.09		



LTE Band 66C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.51	21.41	21.29	23.21	0.2094
20+10	1	0	1	49		14.90	14.81	14.79		
20+10	1	99	1	0		23.20	23.21	22.74		
20+10	100	0	50	0	16-QAM	20.43	20.43	20.28	22.27	0.1687
20+10	1	0	1	49		15.05	14.68	14.76		
20+10	1	99	1	0		22.27	22.22	22.21		
20+10	100	0	50	0	64-QAM	20.42	20.38	20.26	21.34	0.1361
20+10	1	0	1	49		14.68	14.87	14.61		
20+10	1	99	1	0		21.34	21.14	21.15		
20+10	100	0	50	0	256-QAM	18.47	18.40	18.28	18.47	0.0703
20+10	1	0	1	49		14.97	15.02	14.79		
20+10	1	99	1	0		18.47	18.24	18.40		
10+20	50	0	100	0	QPSK	21.31	21.43	21.39	23.28	0.2128
10+20	1	0	1	99		14.92	14.93	14.77		
10+20	1	49	1	0		23.26	23.28	23.23		
10+20	50	0	100	0	16-QAM	20.41	20.38	20.29	22.24	0.1675
10+20	1	0	1	99		15.00	14.77	14.75		
10+20	1	49	1	0		22.22	22.19	22.24		
10+20	50	0	100	0	64-QAM	20.35	20.44	20.37	21.36	0.1368
10+20	1	0	1	99		14.86	14.88	14.84		
10+20	1	49	1	0		21.28	21.36	20.98		
10+20	50	0	100	0	256-QAM	18.41	18.44	18.39	18.86	0.0769
10+20	1	0	1	99		14.79	15.01	14.87		
10+20	1	49	1	0		18.42	18.86	18.25		
20+5	100	0	25	0	QPSK	21.43	21.38	21.25	23.19	0.2084
20+5	1	0	1	24		14.86	14.85	14.74		
20+5	1	99	1	0		23.19	23.10	22.66		
20+5	100	0	25	0	16-QAM	20.42	20.43	20.17	22.22	0.1667
20+5	1	0	1	24		14.86	15.06	14.89		
20+5	1	99	1	0		22.22	21.93	21.85		
20+5	100	0	25	0	64-QAM	20.47	20.40	20.24	21.39	0.1377
20+5	1	0	1	24		14.74	14.81	14.69		
20+5	1	99	1	0		21.39	21.28	21.08		
20+5	100	0	25	0	256-QAM	18.43	18.37	18.31	18.43	0.0697
20+5	1	0	1	24		14.99	14.99	14.99		
20+5	1	99	1	0		18.39	18.32	18.26		



LTE Band 66C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.34	21.41	21.28	23.24	0.2109
5+20	1	0	1	99		14.86	14.84	14.79		
5+20	1	24	1	0		23.18	23.24	23.24		
5+20	25	0	100	0	16-QAM	20.32	20.36	20.34	22.43	0.1750
5+20	1	0	1	99		14.90	14.82	14.79		
5+20	1	24	1	0		22.16	22.43	22.34		
5+20	25	0	100	0	64-QAM	20.34	20.45	20.36	21.54	0.1426
5+20	1	0	1	99		14.95	14.90	14.80		
5+20	1	24	1	0		21.18	21.54	21.18		
5+20	25	0	100	0	256-QAM	18.35	18.51	18.28	18.51	0.0710
5+20	1	0	1	99		14.92	14.93	14.78		
5+20	1	24	1	0		18.04	18.28	18.38		



LTE Band 66C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.39	21.38	21.28	23.19	0.2084
15+10	1	0	1	49		14.83	14.85	14.79		
15+10	1	74	1	0		23.01	23.19	23.11		
15+10	75	0	50	0	16-QAM	20.39	20.38	20.26	22.36	0.1722
15+10	1	0	1	49		14.68	14.86	14.58		
15+10	1	74	1	0		22.22	22.36	21.94		
15+10	75	0	50	0	64-QAM	20.39	20.32	20.31	21.43	0.1390
15+10	1	0	1	49		14.83	14.62	14.67		
15+10	1	74	1	0		21.43	21.38	20.95		
15+10	75	0	50	0	256-QAM	18.38	18.38	18.25	18.50	0.0708
15+10	1	0	1	49		14.82	15.07	14.81		
15+10	1	74	1	0		18.46	18.50	18.18		
10+15	50	0	75	0	QPSK	21.37	21.41	21.18	23.23	0.2104
10+15	1	0	1	74		14.93	14.86	14.71		
10+15	1	49	1	0		23.22	23.23	23.11		
10+15	50	0	75	0	16-QAM	20.47	20.37	20.25	22.37	0.1726
10+15	1	0	1	74		14.78	14.77	14.92		
10+15	1	49	1	0		22.25	22.37	22.16		
10+15	50	0	75	0	64-QAM	20.32	20.37	20.20	21.15	0.1303
10+15	1	0	1	74		15.02	15.20	14.84		
10+15	1	49	1	0		21.13	21.15	21.04		
10+15	50	0	75	0	256-QAM	18.34	18.37	18.25	18.37	0.0687
10+15	1	0	1	74		15.04	14.80	14.66		
10+15	1	49	1	0		18.04	18.36	17.92		
15+15	75	0	75	0	QPSK	21.40	21.38	21.28	23.20	0.2089
15+15	1	0	1	74		14.91	14.89	14.83		
15+15	1	74	1	0		22.80	23.20	23.03		
15+15	75	0	75	0	16-QAM	20.38	20.43	20.30	22.23	0.1671
15+15	1	0	1	74		14.82	14.93	14.85		
15+15	1	74	1	0		22.23	22.23	22.20		
15+15	75	0	75	0	64-QAM	20.38	20.39	20.27	21.40	0.1380
15+15	1	0	1	74		14.80	14.81	14.80		
15+15	1	74	1	0		21.40	21.35	21.22		
15+15	75	0	75	0	256-QAM	18.38	18.37	18.31	18.38	0.0689
15+15	1	0	1	74		14.67	14.69	14.84		
15+15	1	74	1	0		18.32	18.11	18.13		



LTE Band 7C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.10	21.09	21.06	22.99	0.1991
20+20	1	0	1	99		14.54	14.44	14.52		
20+20	1	99	1	0		22.99	22.97	22.97		
20+20	100	0	100	0	16-QAM	20.09	20.10	20.11	22.10	0.1622
20+20	1	0	1	99		14.41	14.27	14.65		
20+20	1	99	1	0		21.91	21.96	22.10		
20+20	100	0	100	0	64-QAM	20.07	20.11	20.10	21.18	0.1312
20+20	1	0	1	99		14.35	14.61	14.50		
20+20	1	99	1	0		21.13	21.18	20.94		
20+20	100	0	100	0	256-QAM	18.00	18.03	18.07	18.07	0.0641
20+20	1	0	1	99		14.41	14.69	14.61		
20+20	1	99	1	0		17.97	18.03	17.91		
20+15	100	0	75	0	QPSK	21.14	21.09	21.08	22.94	0.1968
20+15	1	0	1	74		14.59	14.52	14.51		
20+15	1	99	1	0		22.91	22.92	22.94		
20+15	100	0	75	0	16-QAM	20.09	20.07	20.08	22.09	0.1618
20+15	1	0	1	74		14.45	14.79	14.51		
20+15	1	99	1	0		21.95	22.09	21.81		
20+15	100	0	75	0	64-QAM	20.21	20.11	20.13	21.14	0.1300
20+15	1	0	1	74		14.28	14.51	14.68		
20+15	1	99	1	0		21.14	20.89	21.00		
20+15	100	0	75	0	256-QAM	18.04	18.07	18.04	18.07	0.0641
20+15	1	0	1	74		14.37	14.65	14.34		
20+15	1	99	1	0		17.99	17.96	17.84		
15+20	75	0	100	0	QPSK	21.15	21.10	21.04	23.08	0.2032
15+20	1	0	1	99		14.48	14.55	14.60		
15+20	1	74	1	0		23.08	22.95	23.02		
15+20	75	0	100	0	16-QAM	20.17	20.07	20.13	22.06	0.1607
15+20	1	0	1	99		14.52	14.44	14.61		
15+20	1	74	1	0		22.01	22.06	21.88		
15+20	75	0	100	0	64-QAM	20.13	20.07	20.15	21.00	0.1259
15+20	1	0	1	99		14.49	14.45	14.59		
15+20	1	74	1	0		21.00	20.99	20.94		
15+20	75	0	100	0	256-QAM	18.03	18.06	18.05	18.06	0.0640
15+20	1	0	1	99		14.60	14.32	14.39		
15+20	1	74	1	0		17.90	17.79	17.83		



LTE Band 7C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	21.09	21.12	21.04	23.01	0.2000
20+10	1	0	1	74		14.51	14.56	14.54		
20+10	1	99	1	0		23.01	22.90	22.91		
20+10	100	0	75	0	16-QAM	20.11	20.12	19.98	22.05	0.1603
20+10	1	0	1	74		14.53	14.75	14.55		
20+10	1	99	1	0		22.05	22.01	22.03		
20+10	100	0	75	0	64-QAM	20.10	20.11	20.02	21.05	0.1274
20+10	1	0	1	74		14.51	14.60	14.49		
20+10	1	99	1	0		20.95	21.05	20.75		
20+10	100	0	75	0	256-QAM	18.13	18.13	18.02	18.13	0.0650
20+10	1	0	1	74		14.83	14.43	14.42		
20+10	1	99	1	0		18.04	17.98	17.98		
10+20	75	0	100	0	QPSK	21.01	20.99	21.00	22.95	0.1972
10+20	1	0	1	99		14.47	14.61	14.45		
10+20	1	74	1	0		22.90	22.95	22.89		
10+20	75	0	100	0	16-QAM	20.04	20.04	20.05	22.03	0.1596
10+20	1	0	1	99		14.35	14.43	14.80		
10+20	1	74	1	0		21.90	22.03	21.66		
10+20	75	0	100	0	64-QAM	20.08	20.08	19.98	20.95	0.1245
10+20	1	0	1	99		14.58	14.48	14.46		
10+20	1	74	1	0		20.92	20.95	20.79		
10+20	75	0	100	0	256-QAM	18.07	18.09	18.01	18.14	0.0652
10+20	1	0	1	99		14.51	14.57	14.56		
10+20	1	74	1	0		18.14	18.10	17.97		
15+15	75	0	100	0	QPSK	21.12	21.13	21.06	23.01	0.2000
15+15	1	0	1	99		14.51	14.58	14.54		
15+15	1	74	1	0		22.98	23.01	22.91		
15+15	75	0	100	0	16-QAM	20.08	20.10	20.10	21.98	0.1578
15+15	1	0	1	99		14.62	14.60	14.63		
15+15	1	74	1	0		21.81	21.98	21.78		
15+15	75	0	100	0	64-QAM	20.16	20.09	20.06	21.02	0.1265
15+15	1	0	1	99		14.53	14.79	14.61		
15+15	1	74	1	0		21.02	20.99	20.78		
15+15	75	0	100	0	256-QAM	18.03	18.04	18.05	18.05	0.0638
15+15	1	0	1	99		14.44	14.54	14.55		
15+15	1	74	1	0		17.80	17.78	18.04		



LTE Band 7C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	21.09	21.06	21.02	23.06	0.2023
15+10	1	0	1	99		14.48	14.59	14.45		
15+10	1	74	1	0		23.06	23.03	22.91		
15+10	75	0	100	0	16-QAM	20.07	20.04	20.05	21.93	0.1560
15+10	1	0	1	99		14.69	14.53	14.55		
15+10	1	74	1	0		21.92	21.86	21.93		
15+10	75	0	100	0	64-QAM	20.05	20.11	20.07	21.25	0.1334
15+10	1	0	1	99		14.56	14.59	14.55		
15+10	1	74	1	0		21.25	21.07	20.91		
15+10	75	0	100	0	256-QAM	18.06	18.09	18.08	18.09	0.0644
15+10	1	0	1	99		14.59	14.66	14.52		
15+10	1	74	1	0		17.95	18.06	17.95		



LTE Band 41C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.36	21.14	21.03	22.95	0.1972
20+20	1	0	1	99		14.67	14.59	14.33		
20+20	1	99	1	0		22.95	22.92	22.82		
20+20	100	0	100	0	16-QAM	20.39	20.16	20.03	22.23	0.1671
20+20	1	0	1	99		14.77	14.56	14.36		
20+20	1	99	1	0		22.23	22.01	21.92		
20+20	100	0	100	0	64-QAM	20.32	20.13	19.98	21.34	0.1361
20+20	1	0	1	99		14.72	14.68	14.46		
20+20	1	99	1	0		21.34	21.15	20.94		
20+20	100	0	100	0	256-QAM	18.42	18.17	18.08	18.42	0.0695
20+20	1	0	1	99		14.70	14.69	14.49		
20+20	1	99	1	0		18.26	18.03	18.03		
20+15	100	0	75	0	QPSK	21.35	21.16	21.08	22.95	0.1972
20+15	1	0	1	74		14.71	14.57	14.40		
20+15	1	99	1	0		22.95	22.65	22.86		
20+15	100	0	75	0	16-QAM	20.38	20.17	20.07	22.24	0.1675
20+15	1	0	1	74		14.73	14.59	14.40		
20+15	1	99	1	0		22.24	21.97	21.93		
20+15	100	0	75	0	64-QAM	20.35	20.13	20.08	21.36	0.1368
20+15	1	0	1	74		14.79	14.77	14.58		
20+15	1	99	1	0		21.36	21.04	21.10		
20+15	100	0	75	0	256-QAM	18.42	18.20	18.08	18.42	0.0695
20+15	1	0	1	74		14.78	14.67	14.46		
20+15	1	99	1	0		18.32	18.05	18.08		
15+20	75	0	100	0	QPSK	21.36	21.17	21.05	22.94	0.1968
15+20	1	0	1	99		14.67	14.56	14.37		
15+20	1	74	1	0		22.92	22.94	22.83		
15+20	75	0	100	0	16-QAM	20.36	20.16	20.04	22.22	0.1667
15+20	1	0	1	99		14.75	14.60	14.40		
15+20	1	74	1	0		22.22	21.95	21.93		
15+20	75	0	100	0	64-QAM	20.35	20.13	20.05	21.28	0.1343
15+20	1	0	1	99		14.80	14.68	14.49		
15+20	1	74	1	0		21.28	21.14	20.97		
15+20	75	0	100	0	256-QAM	18.40	18.16	18.06	18.40	0.0692
15+20	1	0	1	99		14.81	14.60	14.52		
15+20	1	74	1	0		18.26	18.02	18.03		



LTE Band 41C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.40	21.18	21.13	22.98	0.1986
20+10	1	0	1	49		14.76	14.64	14.49		
20+10	1	99	1	0		22.98	22.74	22.91		
20+10	100	0	50	0	16-QAM	20.39	20.18	20.13	22.13	0.1633
20+10	1	0	1	49		14.76	14.68	14.52		
20+10	1	99	1	0		22.13	22.06	22.00		
20+10	100	0	50	0	64-QAM	20.37	20.16	20.13	21.45	0.1396
20+10	1	0	1	49		14.83	14.77	14.67		
20+10	1	99	1	0		21.45	21.13	21.22		
20+10	100	0	50	0	256-QAM	18.41	18.17	18.15	18.41	0.0693
20+10	1	0	1	49		14.83	14.61	14.51		
20+10	1	99	1	0		18.38	18.03	17.96		
10+20	50	0	100	0	QPSK	21.31	21.18	21.08	23.01	0.2000
10+20	1	0	1	99		14.79	14.65	14.45		
10+20	1	49	1	0		22.94	23.01	22.88		
10+20	50	0	100	0	16-QAM	20.37	20.21	20.08	22.18	0.1652
10+20	1	0	1	99		14.85	14.62	14.47		
10+20	1	49	1	0		22.18	22.14	22.00		
10+20	50	0	100	0	64-QAM	20.37	20.17	20.07	21.36	0.1368
10+20	1	0	1	99		14.89	14.82	14.57		
10+20	1	49	1	0		21.36	21.10	21.11		
10+20	50	0	100	0	256-QAM	18.37	18.15	18.08	18.37	0.0687
10+20	1	0	1	99		14.80	14.50	14.52		
10+20	1	49	1	0		18.24	18.08	18.02		
20+5	100	0	25	0	QPSK	21.24	21.01	21.17	22.80	0.1905
20+5	1	0	1	24		14.80	14.71	14.57		
20+5	1	99	1	0		22.80	22.57	22.73		
20+5	100	0	25	0	16-QAM	20.44	20.25	20.21	22.13	0.1633
20+5	1	0	1	24		14.88	14.76	14.57		
20+5	1	99	1	0		22.13	21.98	21.95		
20+5	100	0	25	0	64-QAM	20.42	20.23	20.21	21.15	0.1303
20+5	1	0	1	24		14.91	14.85	14.59		
20+5	1	99	1	0		21.15	20.95	21.01		
20+5	100	0	25	0	256-QAM	18.31	18.12	18.09	18.55	0.0716
20+5	1	0	1	24		14.99	15.01	14.55		
20+5	1	99	1	0		18.55	18.29	18.32		



LTE Band 41C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.16	21.25	21.20	22.98	0.1986
5+20	1	0	1	99		14.85	14.69	14.58		
5+20	1	24	1	0		22.98	22.76	22.74		
5+20	25	0	100	0	16-QAM	20.19	20.24	20.20	22.12	0.1629
5+20	1	0	1	99		14.90	14.63	14.60		
5+20	1	24	1	0		22.12	21.94	21.85		
5+20	25	0	100	0	64-QAM	20.16	20.20	20.17	21.10	0.1288
5+20	1	0	1	99		14.95	14.71	14.74		
5+20	1	24	1	0		21.10	20.93	20.83		
5+20	25	0	100	0	256-QAM	18.34	18.14	18.08	18.34	0.0682
5+20	1	0	1	99		14.75	14.59	14.54		
5+20	1	24	1	0		18.16	17.91	18.01		
15+10	75	0	50	0	QPSK	21.36	21.17	21.14	22.98	0.1986
15+10	1	0	1	49		14.79	14.62	14.50		
15+10	1	74	1	0		22.98	22.76	22.90		
15+10	75	0	50	0	16-QAM	20.37	20.15	20.12	22.12	0.1629
15+10	1	0	1	49		14.74	14.64	14.53		
15+10	1	74	1	0		22.12	21.95	21.97		
15+10	75	0	50	0	64-QAM	20.35	20.16	20.13	21.27	0.1340
15+10	1	0	1	49		14.90	14.76	14.63		
15+10	1	74	1	0		21.27	21.12	21.14		
15+10	75	0	50	0	256-QAM	18.39	18.15	18.13	18.39	0.0690
15+10	1	0	1	49		14.78	14.67	14.56		
15+10	1	74	1	0		18.27	17.98	18.05		
10+15	50	0	75	0	QPSK	21.37	21.17	21.12	22.97	0.1982
10+15	1	0	1	74		14.79	14.64	14.49		
10+15	1	49	1	0		22.90	22.97	22.90		
10+15	50	0	75	0	16-QAM	20.39	20.17	20.13	22.16	0.1644
10+15	1	0	1	74		14.81	14.59	14.53		
10+15	1	49	1	0		22.16	22.01	22.07		
10+15	50	0	75	0	64-QAM	20.36	20.15	20.13	21.31	0.1352
10+15	1	0	1	74		14.85	14.79	14.67		
10+15	1	49	1	0		21.31	21.19	21.12		
10+15	50	0	75	0	256-QAM	18.37	18.16	18.11	18.37	0.0687
10+15	1	0	1	74		14.83	14.51	14.49		
10+15	1	49	1	0		18.24	18.02	18.04		



LTE Band 41C_CA Maximum Average Power [dBm]										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	Maximum Output Power (dBm)	Maximum Output Power (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	21.42	21.14	21.09	22.93	0.1963
15+15	1	0	1	74		14.75	14.62	14.43		
15+15	1	74	1	0		22.93	22.92	22.86		
15+15	75	0	75	0	16-QAM	20.35	20.15	20.09	22.17	0.1648
15+15	1	0	1	74		14.79	14.61	14.47		
15+15	1	74	1	0		22.17	21.96	21.96		
15+15	75	0	75	0	64-QAM	20.35	20.16	20.10	21.30	0.1349
15+15	1	0	1	74		14.86	14.79	14.59		
15+15	1	74	1	0		21.30	21.10	21.12		
15+15	75	0	75	0	256-QAM	18.40	18.17	18.11	18.40	0.0692
15+15	1	0	1	74		14.74	14.58	14.43		
15+15	1	74	1	0		18.24	17.93	18.00		



LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.15	14.93
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.90	20.06	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.18	8.22	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.78	19.70	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.20	8.23	14.90
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.72	19.78	-

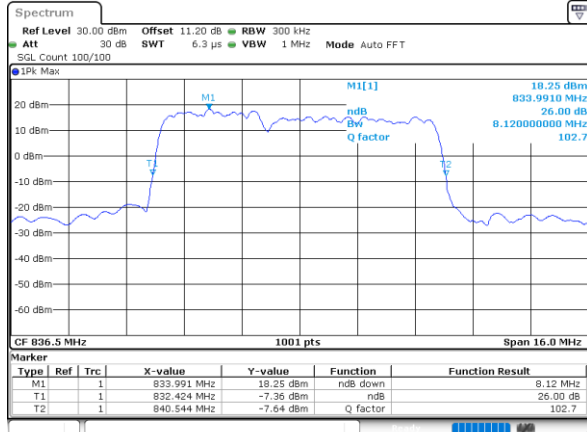
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.17	8.26	14.66
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.72	19.82	-



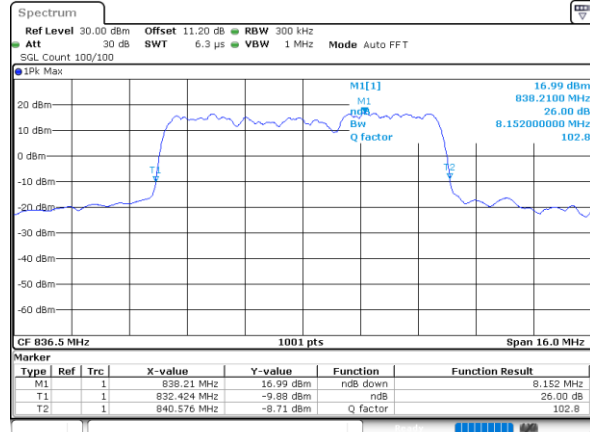
LTE Band 5B

QPSK

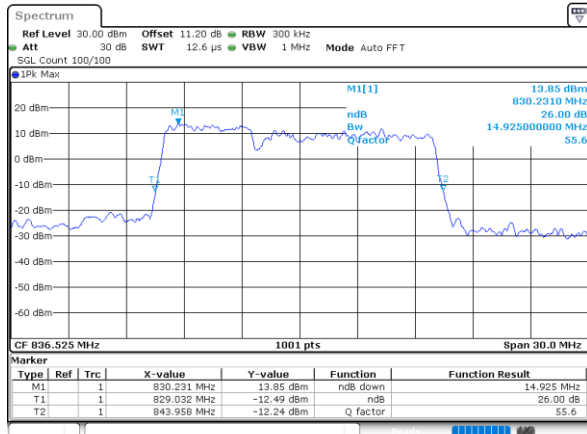
Middle Channel / 3MHz+5MHz



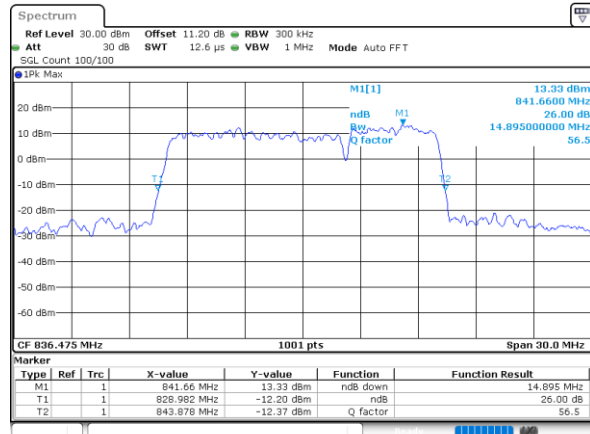
Middle Channel / 5MHz+3MHz



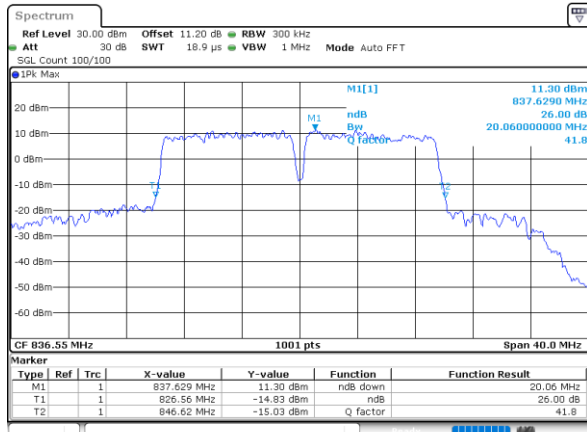
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



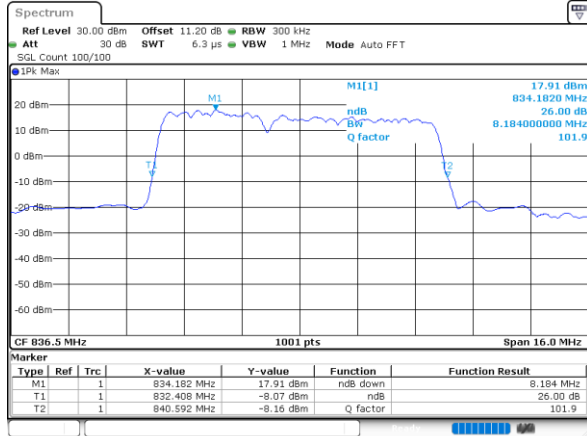
N/A



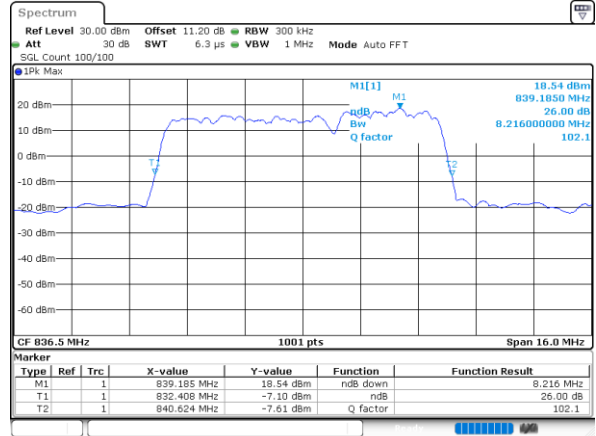
LTE Band 5B

16QAM

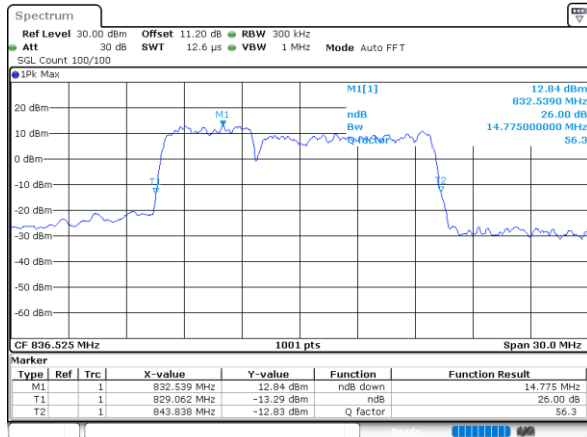
Middle Channel / 3MHz+5MHz



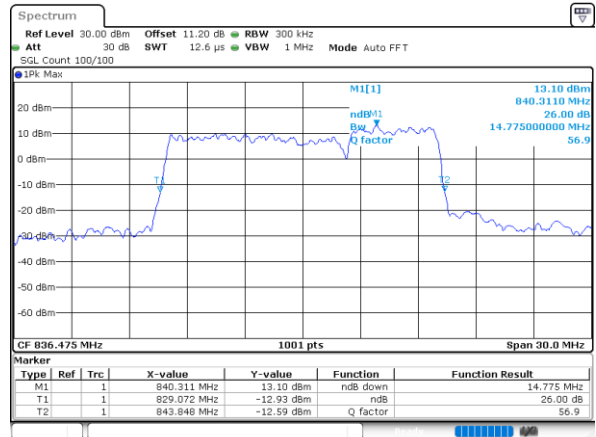
Middle Channel / 5MHz+3MHz



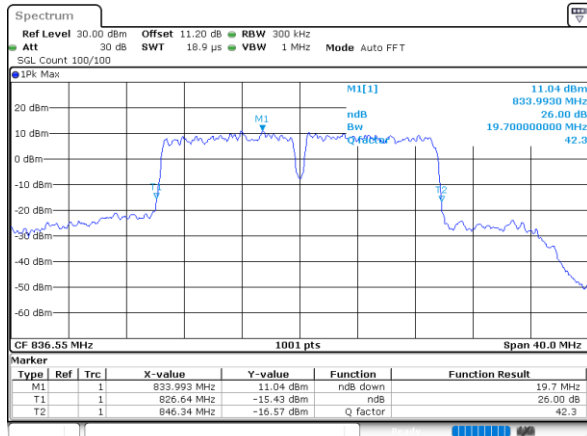
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



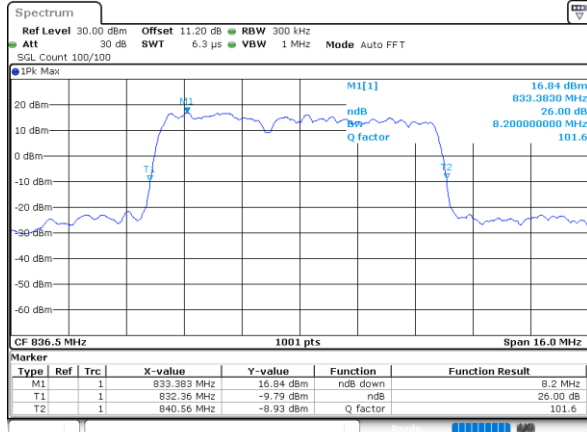
N/A



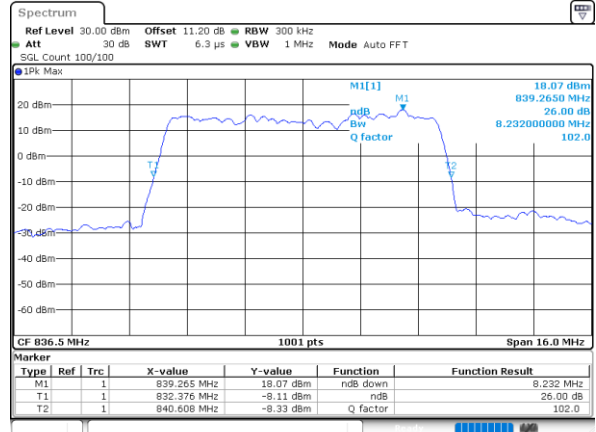
LTE Band 5B

64QAM

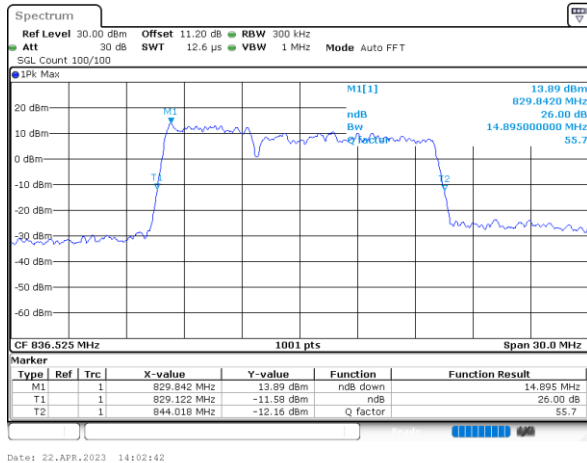
Middle Channel / 3MHz+5MHz



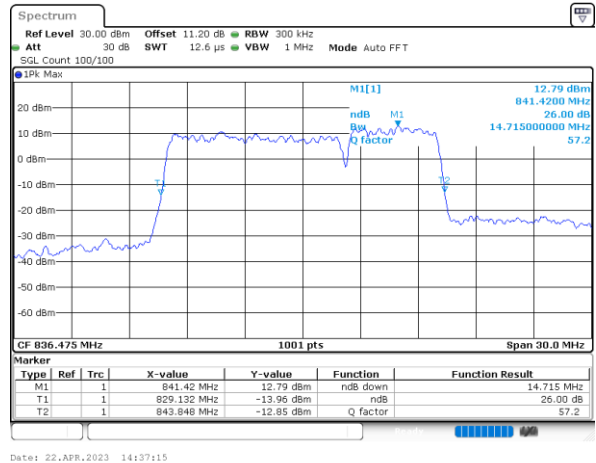
Middle Channel / 5MHz+3MHz



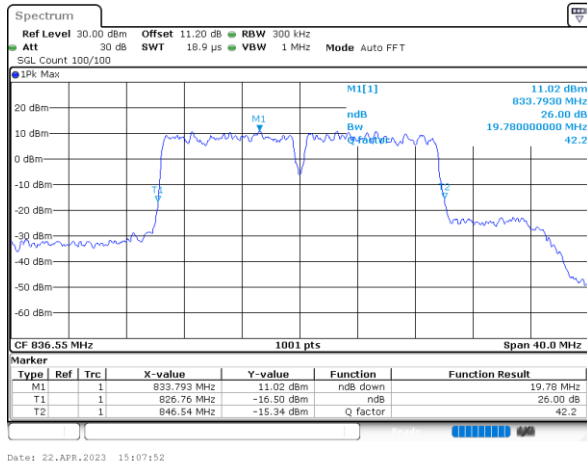
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



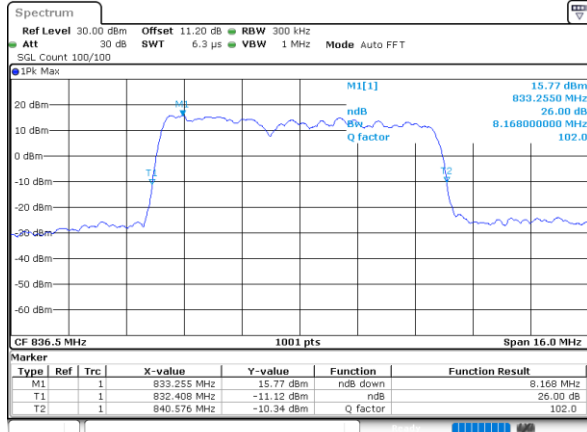
N/A



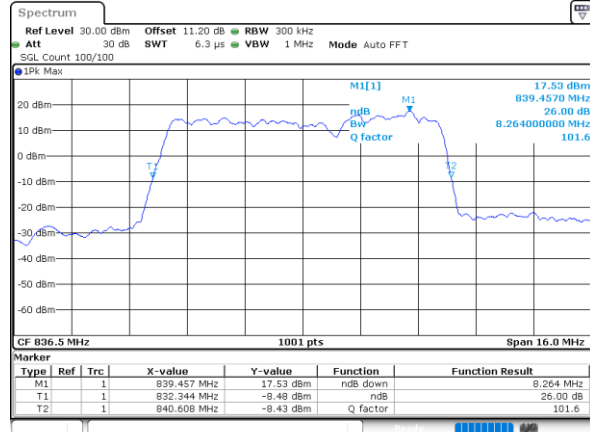
LTE Band 5B

256QAM

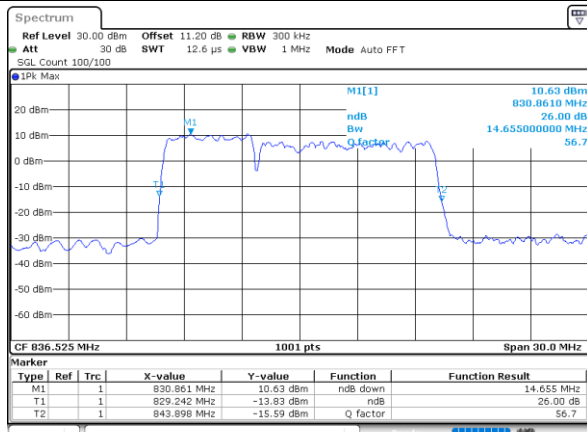
Middle Channel / 3MHz+5MHz



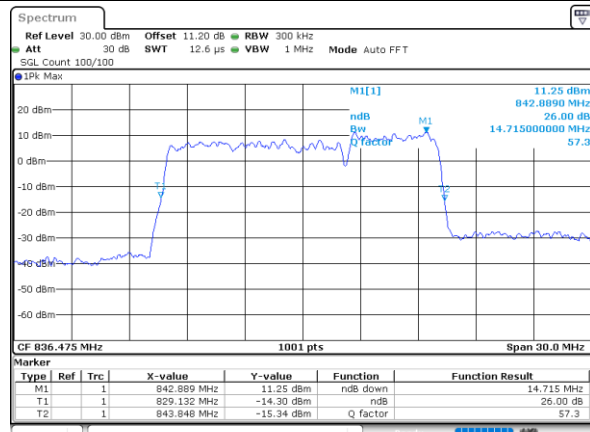
Middle Channel / 5MHz+3MHz



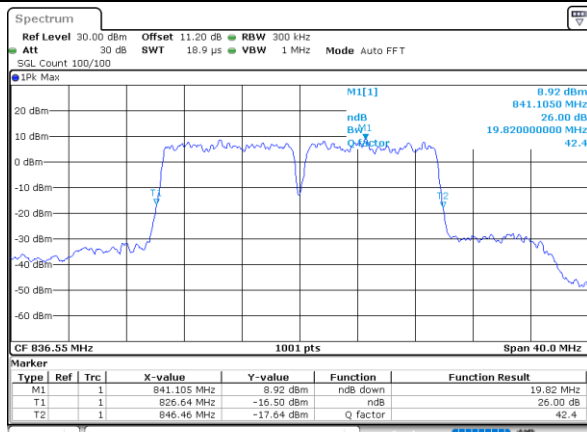
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.59	13.91
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.82	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.61	7.59	13.88
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.74	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.66	13.94
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.82	-

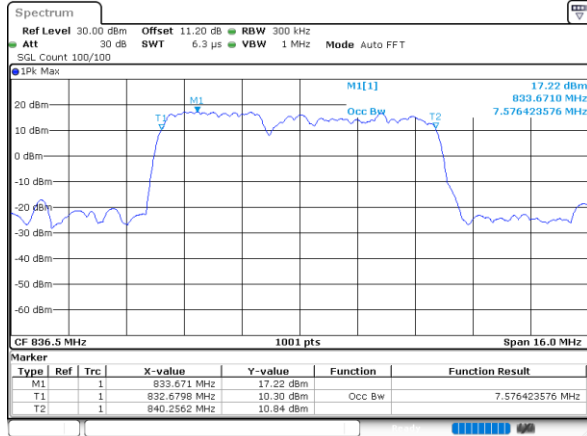
Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.59	13.91
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.82	-



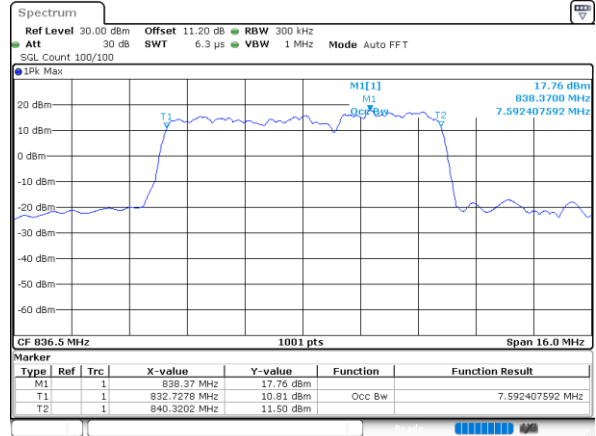
LTE Band 5B

QPSK

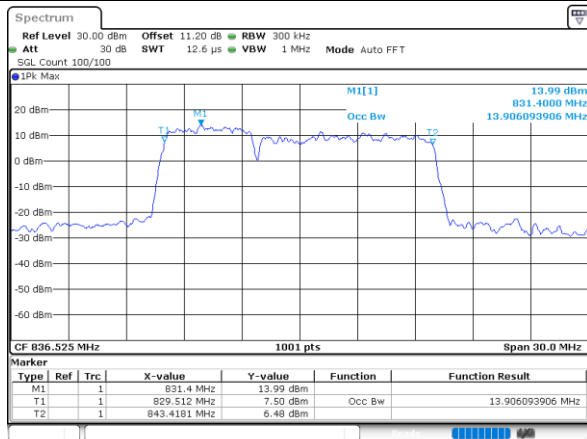
Middle Channel / 3MHz+5MHz



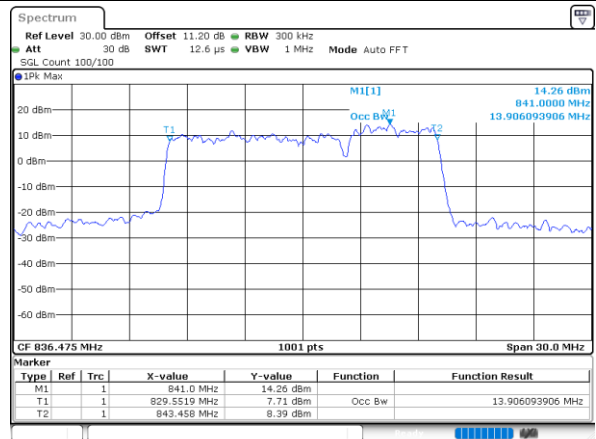
Middle Channel / 5MHz+3MHz



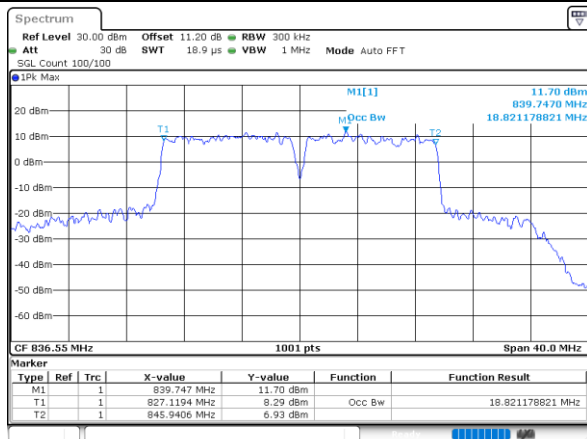
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



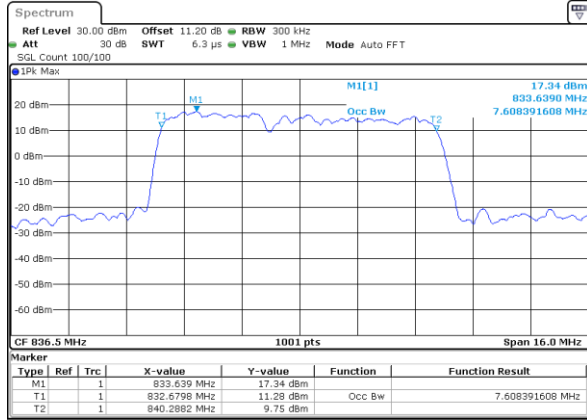
N/A



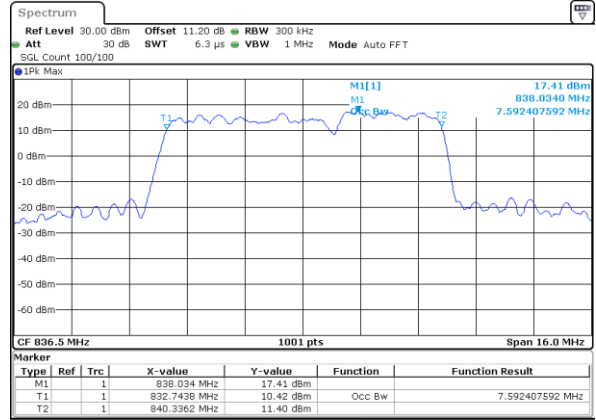
LTE Band 5B

16QAM

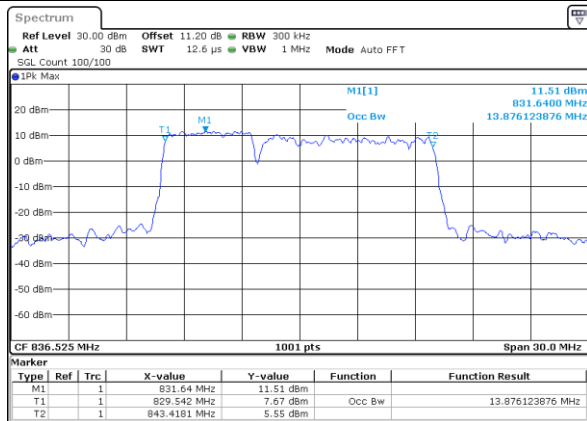
Middle Channel / 3MHz+5MHz



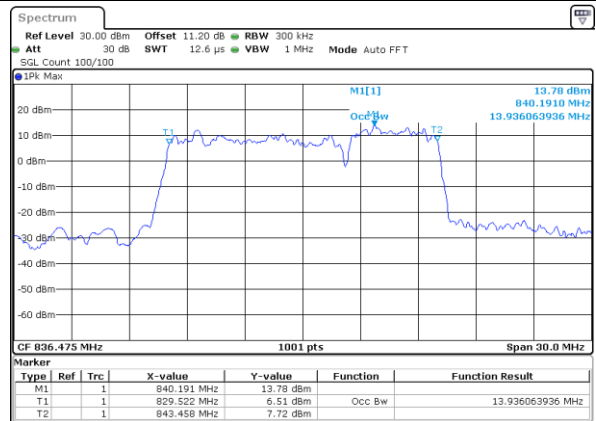
Middle Channel / 5MHz+3MHz



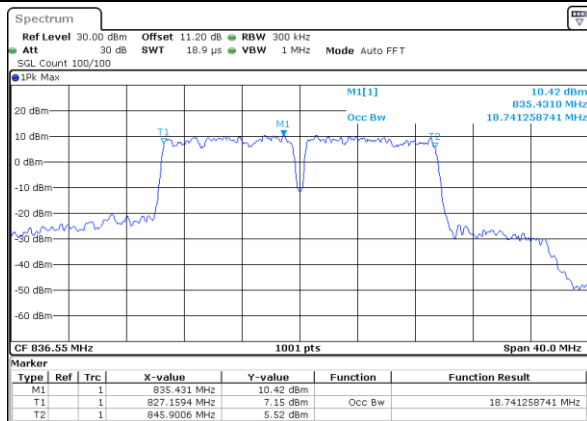
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



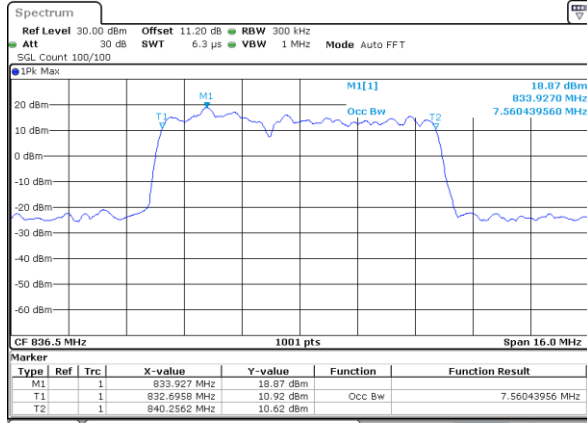
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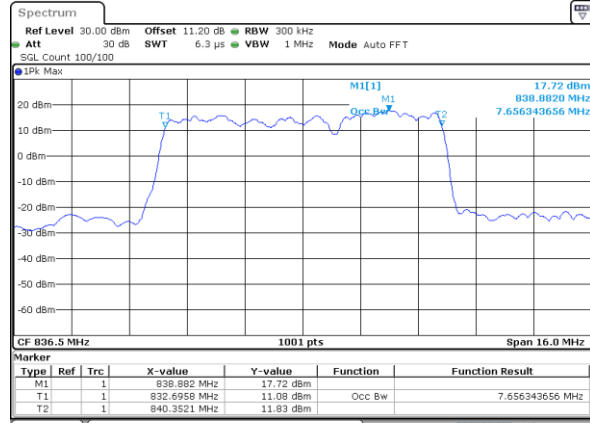
LTE Band 5B

64QAM

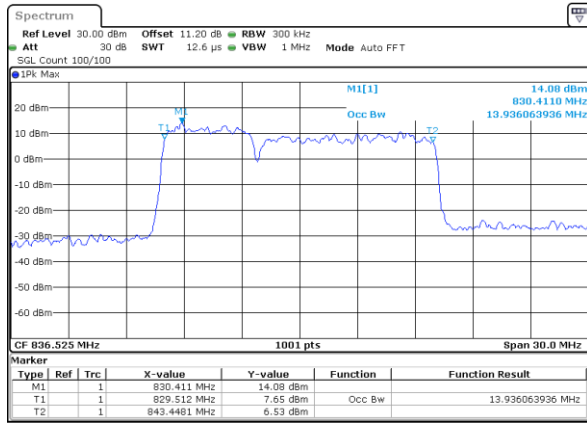
Middle Channel / 3MHz+5MHz



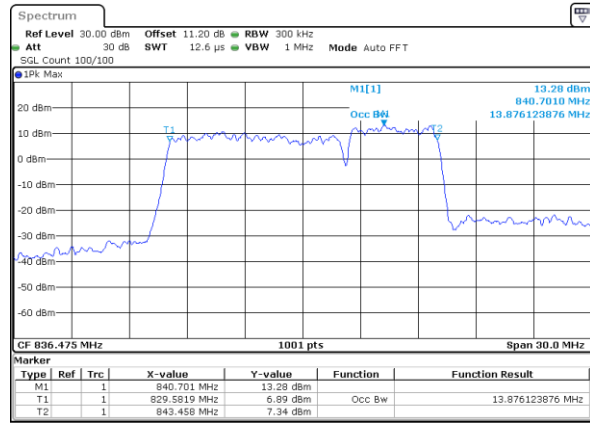
Middle Channel / 5MHz+3MHz



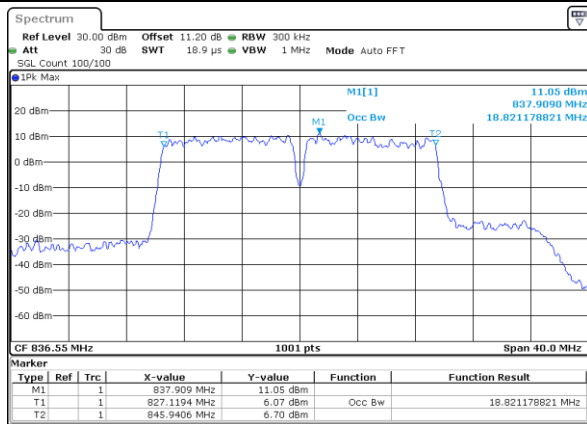
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



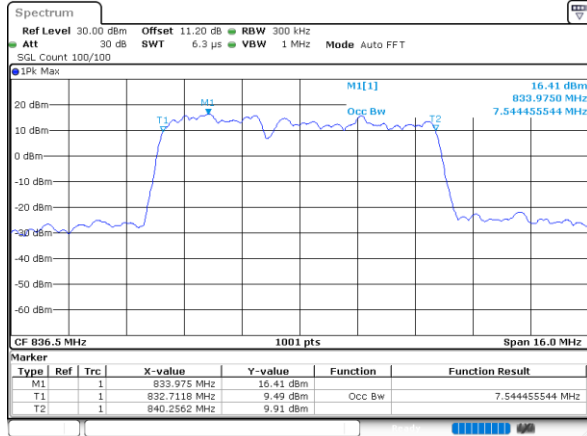
N/A



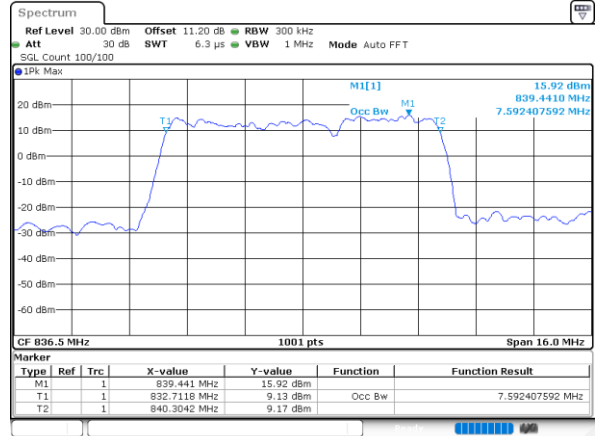
LTE Band 5B

256QAM

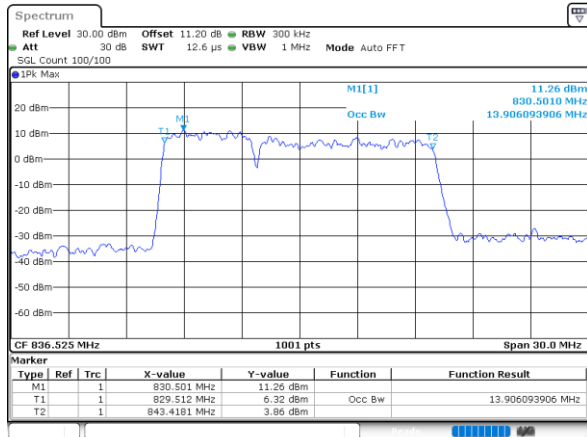
Middle Channel / 3MHz+5MHz



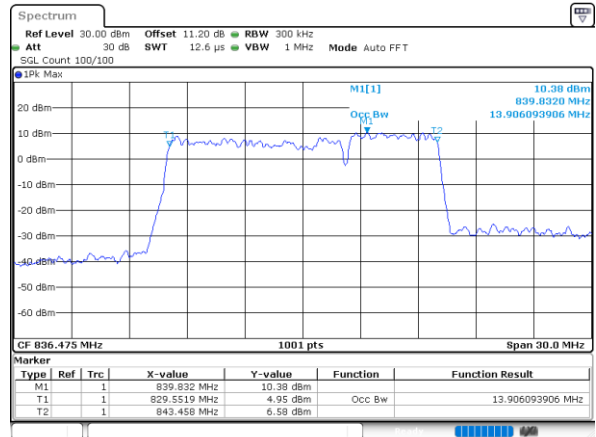
Middle Channel / 5MHz+3MHz



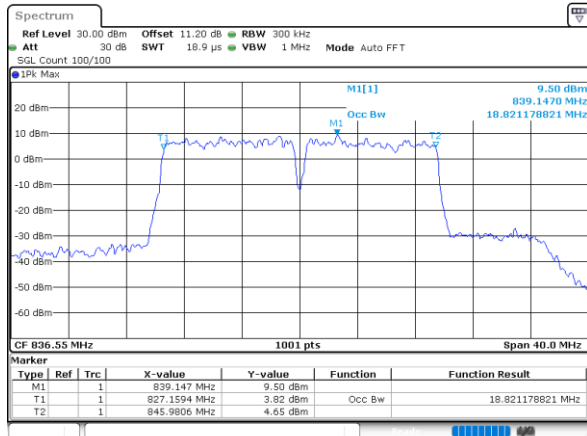
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

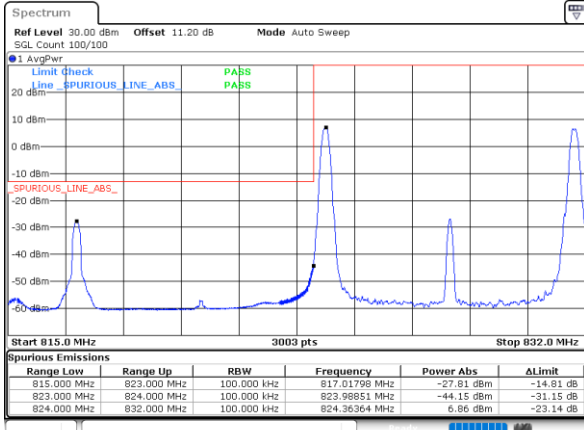


Conducted Band Edge

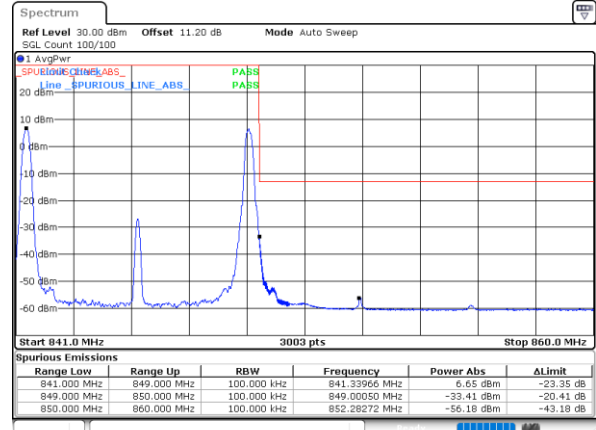
LTE Band 5B / 3MHz+5MHz

QPSK

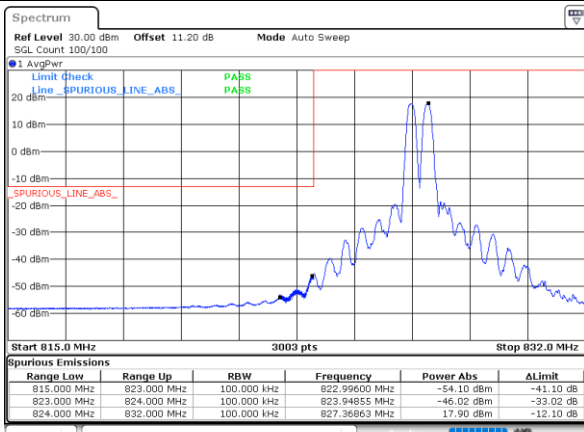
Lowest Band Edge / 1RB0 and 1RB24



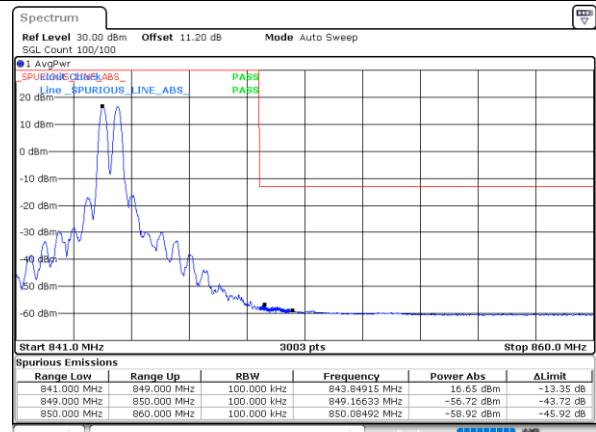
Highest Band Edge / 1RB0 and 1RB24



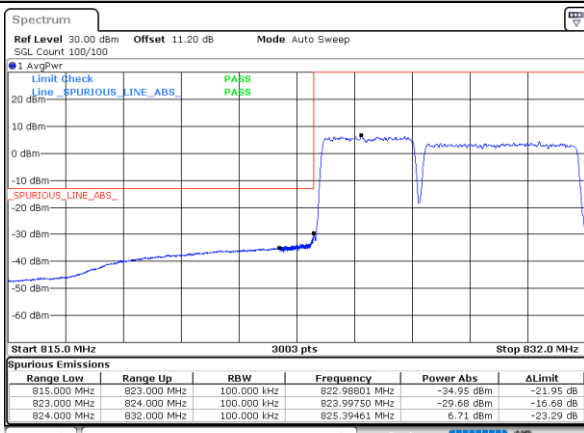
Lowest Band Edge / 1RB14 and 1RB0



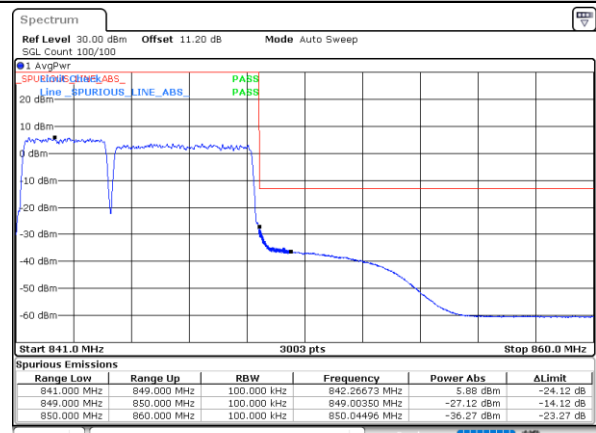
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

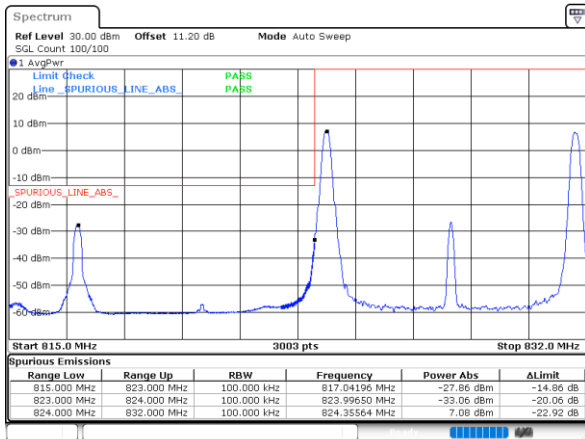




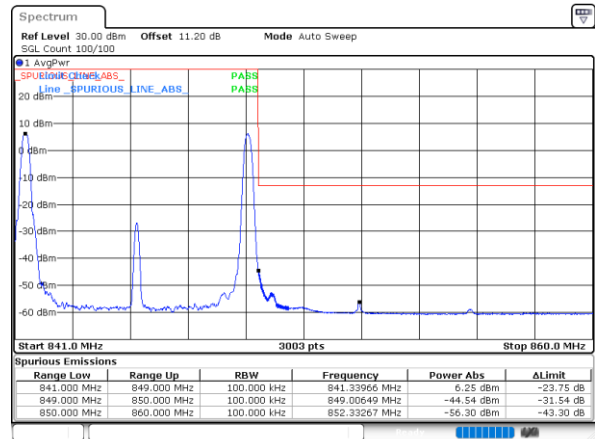
LTE Band 5B / 5MHz+3MHz

QPSK

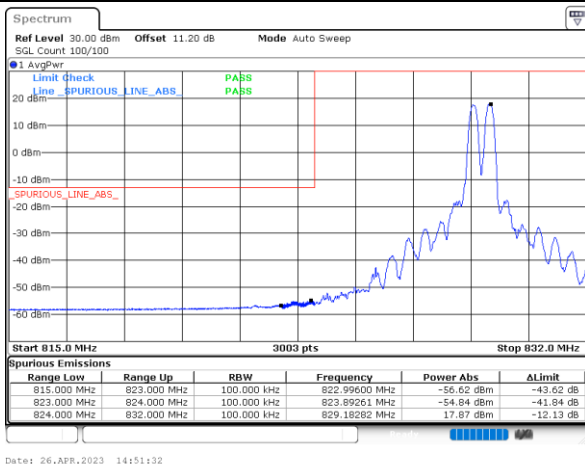
Lowest Band Edge / 1RB0 and 1RB14



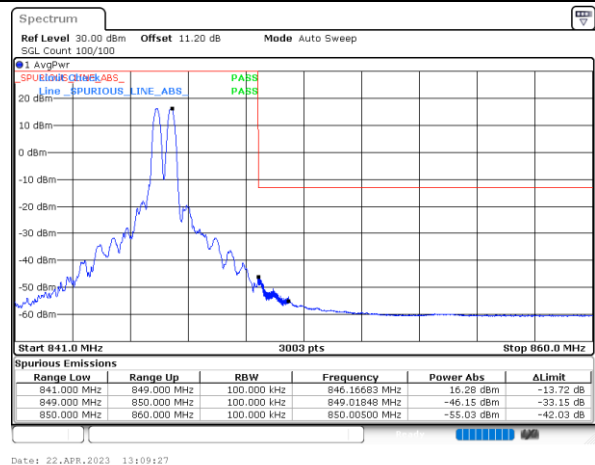
Highest Band Edge / 1RB0 and 1RB14



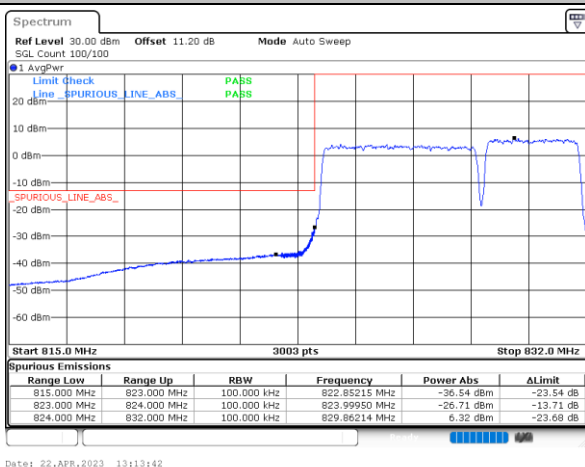
Lowest Band Edge / 1RB24 and 1RB0



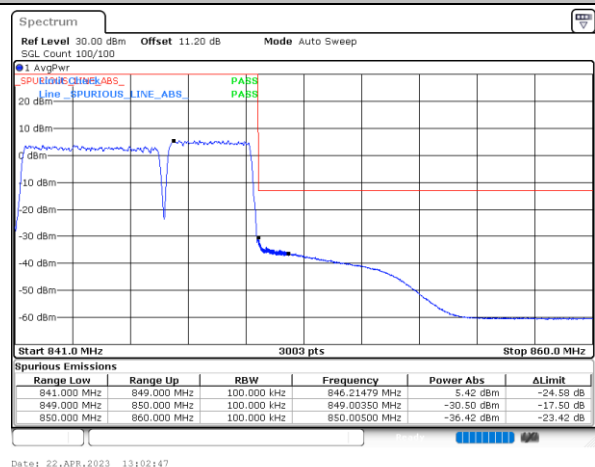
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

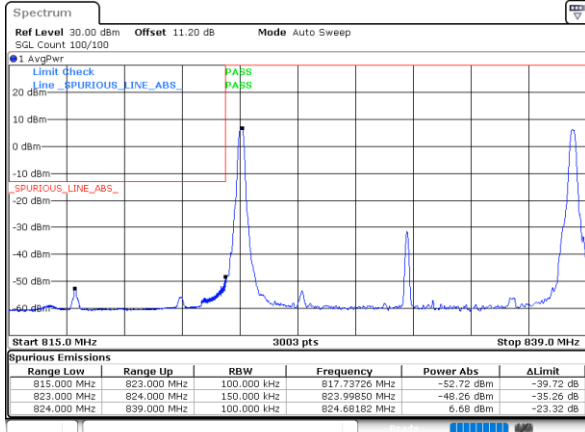




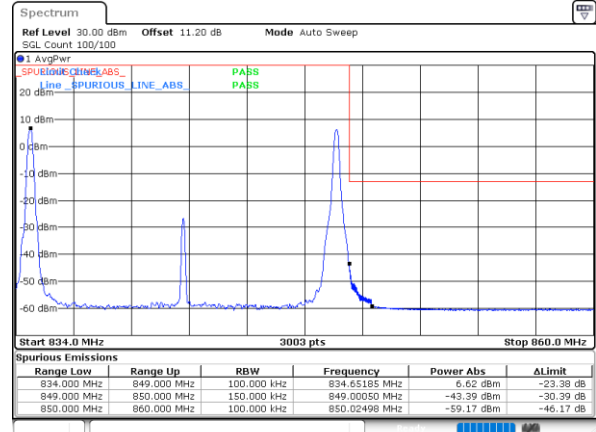
LTE Band 5B / 5MHz+10MHz

QPSK

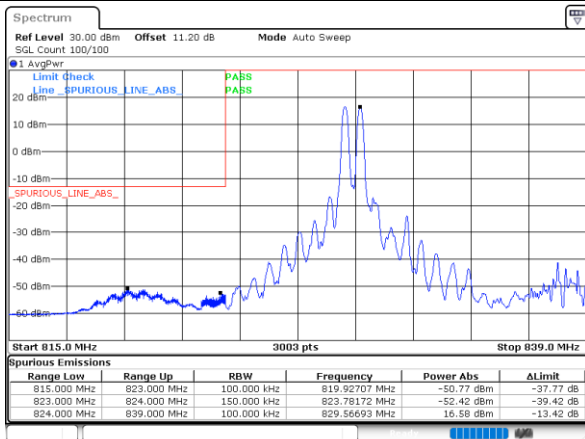
Lowest Band Edge / 1RB0 and 1RB49



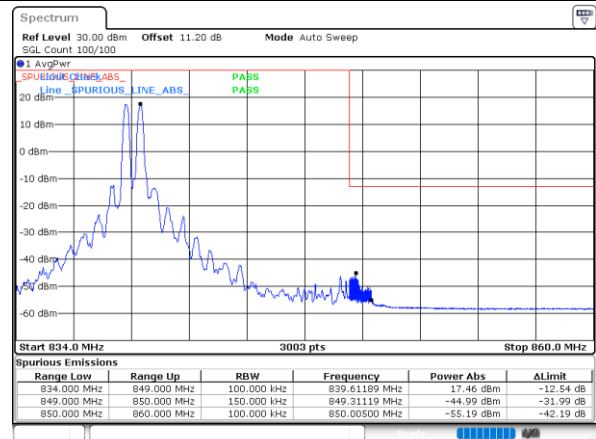
Highest Band Edge / 1RB0 and 1RB49



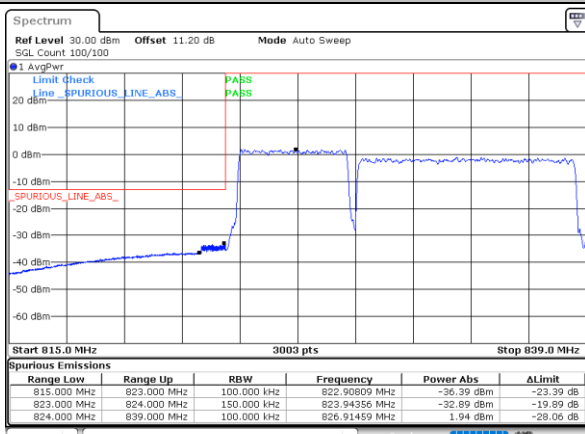
Lowest Band Edge / 1RB24 and 1RB0



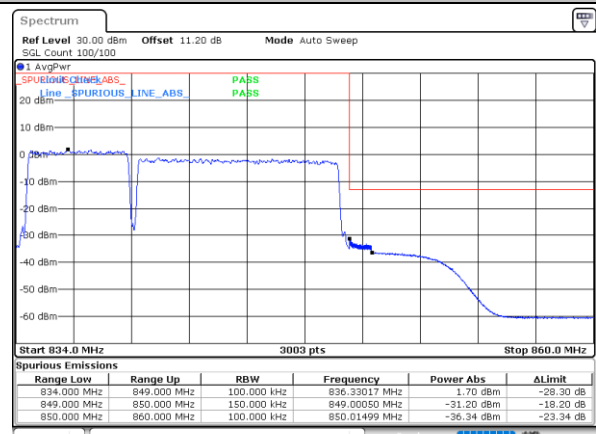
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

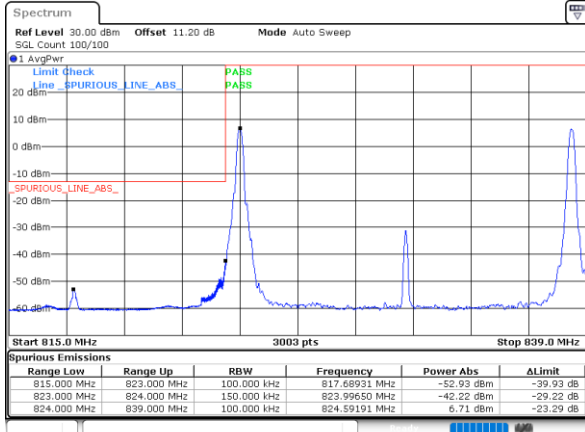




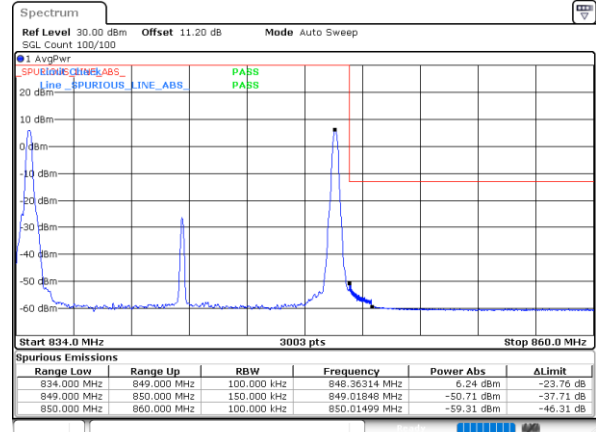
LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24



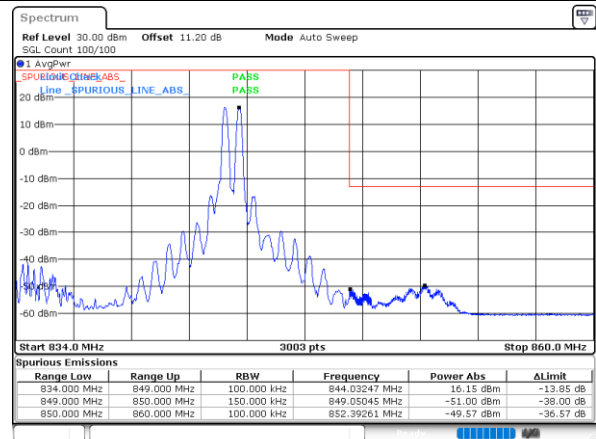
Highest Band Edge / 1RB0 and 1RB24



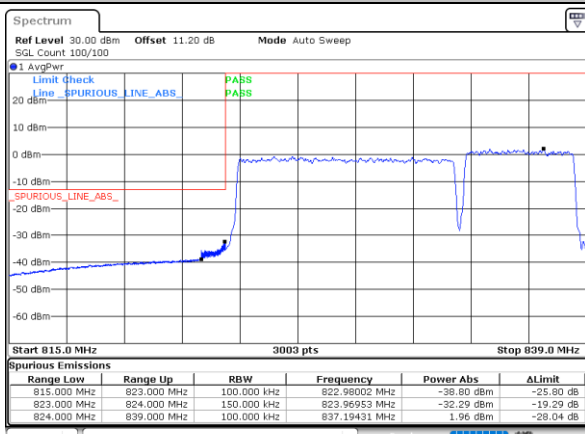
Lowest Band Edge / 1RB49 and 1RB0



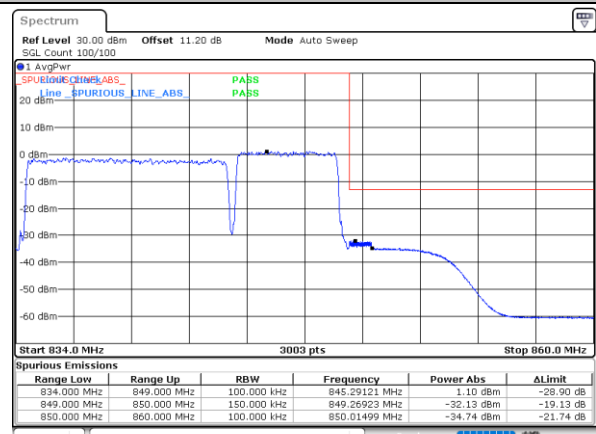
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

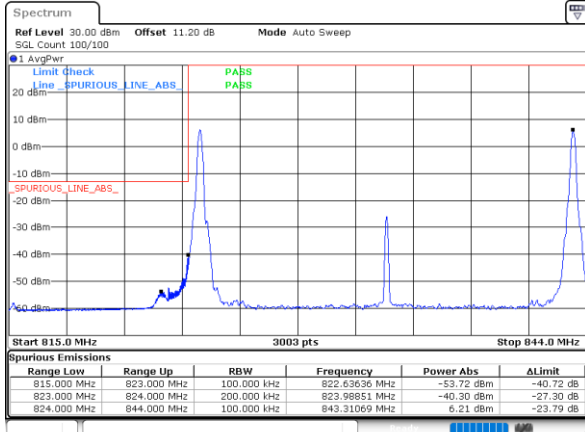




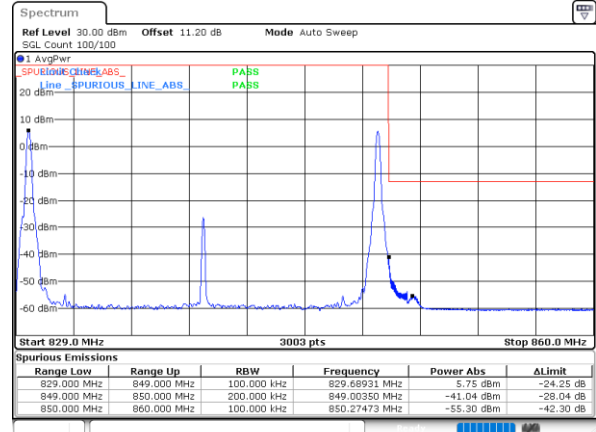
LTE Band 5B / 10MHz+10MHz

QPSK

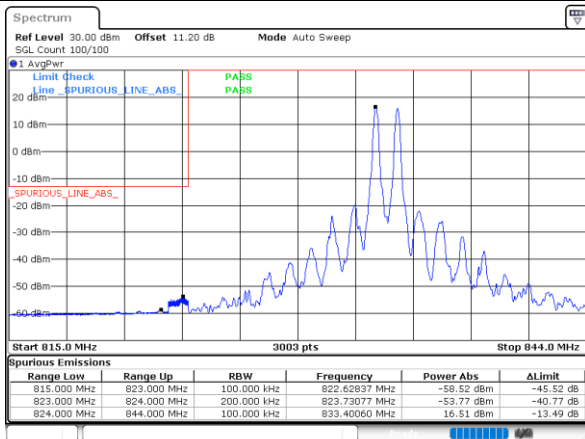
Lowest Band Edge / 1RB0 and 1RB49



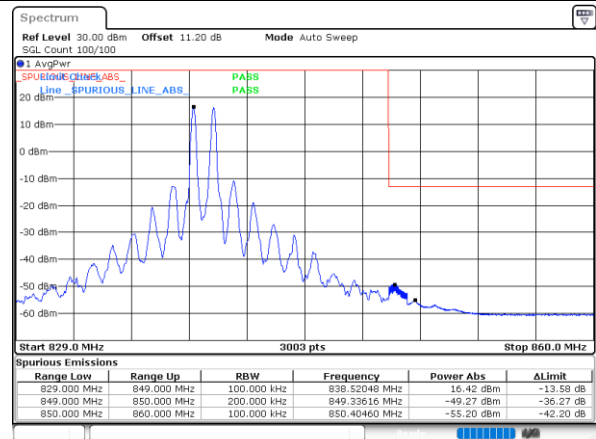
Highest Band Edge / 1RB0 and 1RB49



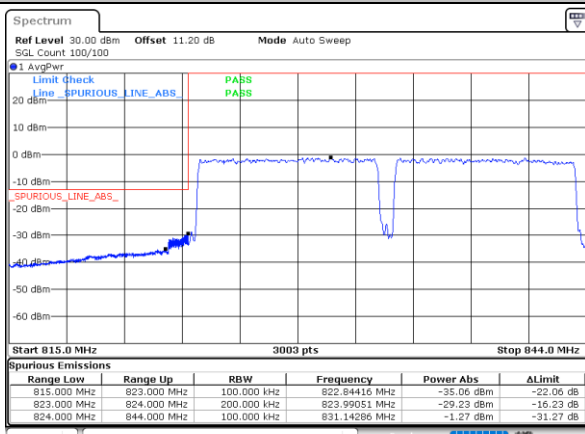
Lowest Band Edge / 1RB49 and 1RB0



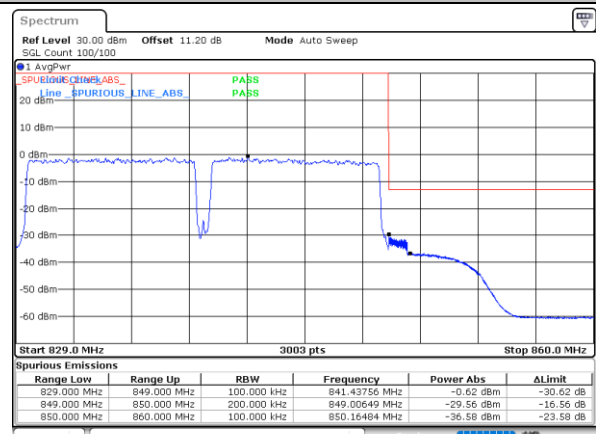
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

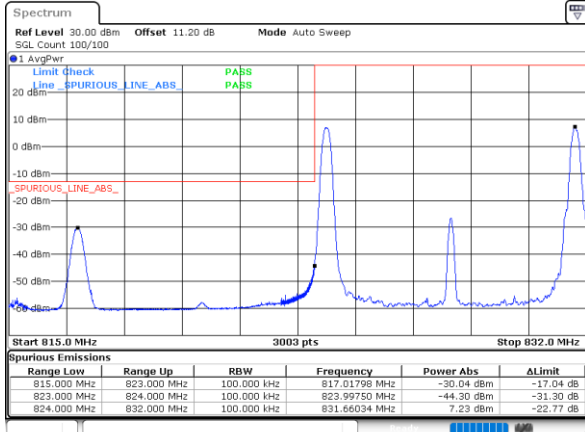




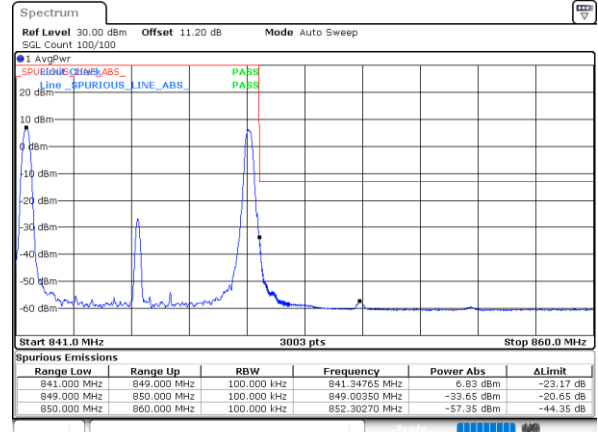
LTE Band 5B / 3MHz+5MHz

16QAM

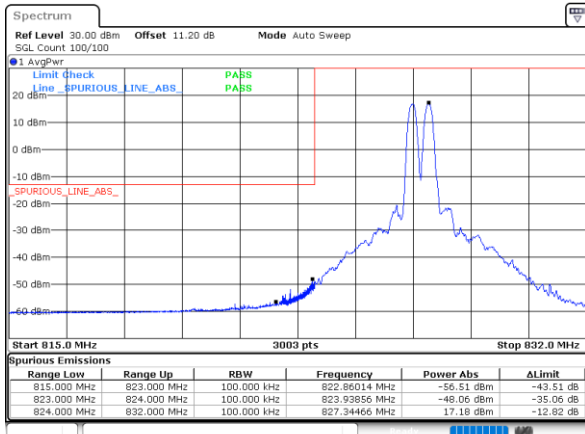
Lowest Band Edge / 1RB0 and 1RB24



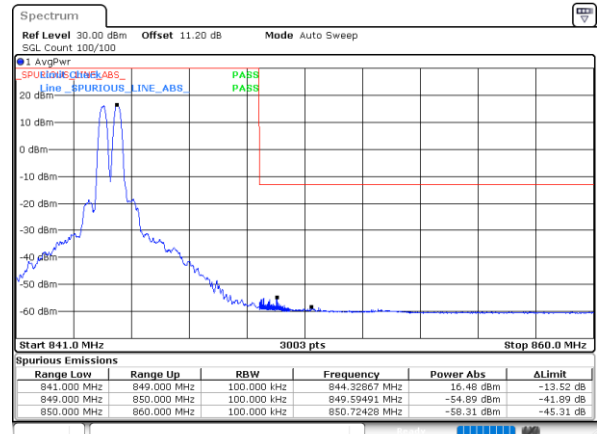
Highest Band Edge / 1RB0 and 1RB24



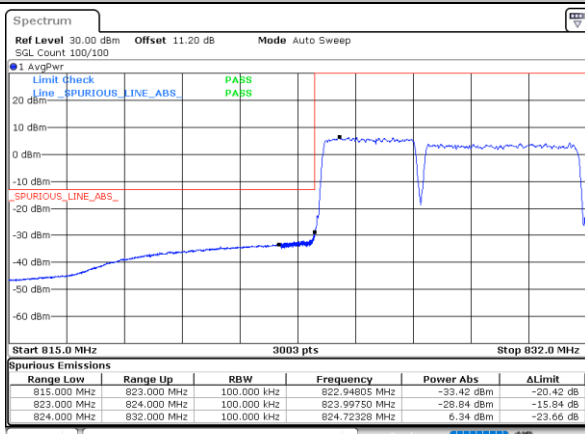
Lowest Band Edge / 1RB14 and 1RB0



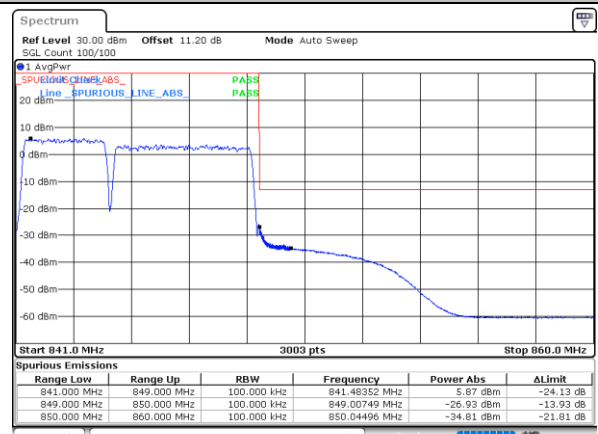
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

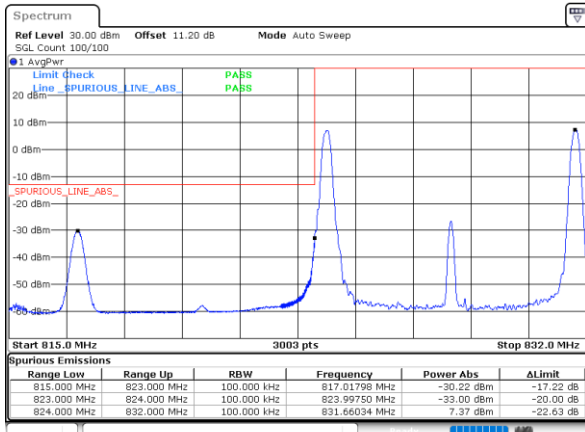




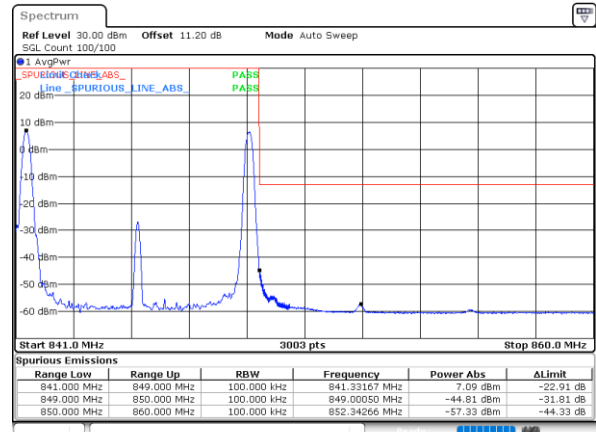
LTE Band 5B / 5MHz+3MHz

16QAM

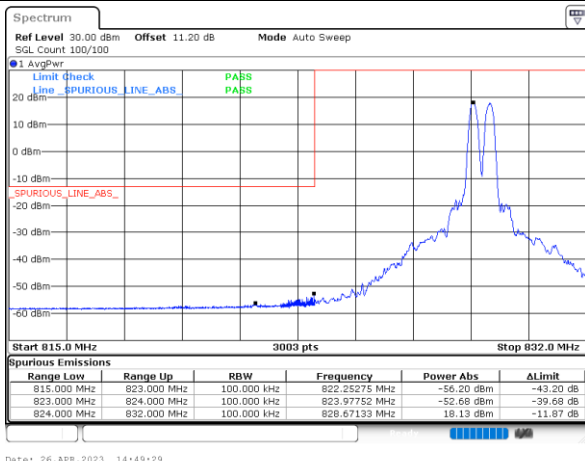
Lowest Band Edge / 1RB0 and 1RB14



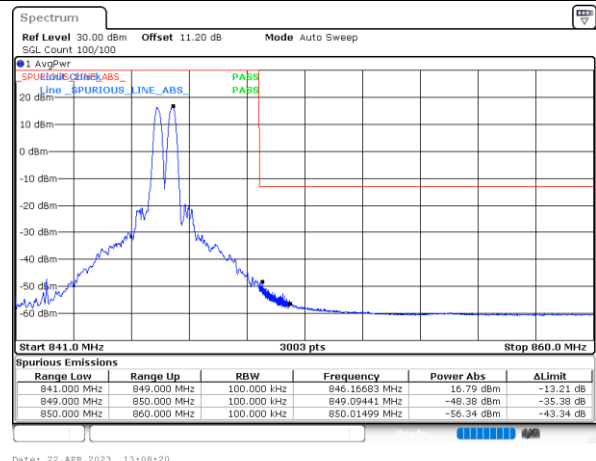
Highest Band Edge / 1RB0 and 1RB14



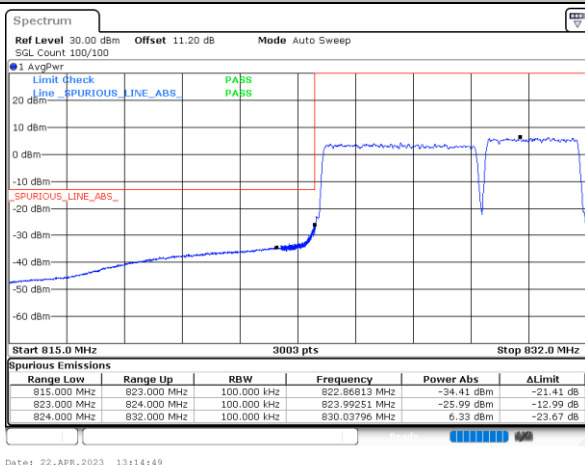
Lowest Band Edge / 1RB24 and 1RB0



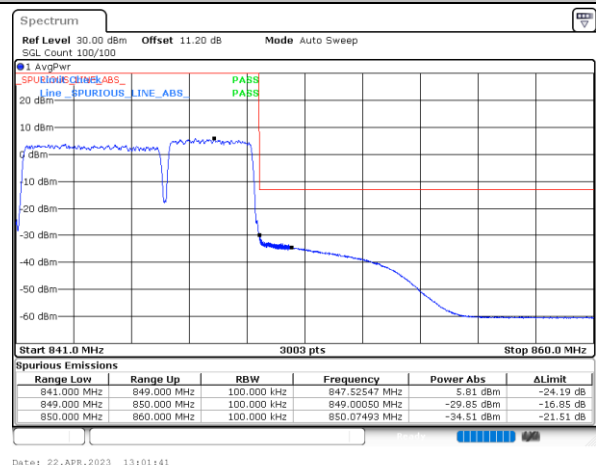
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

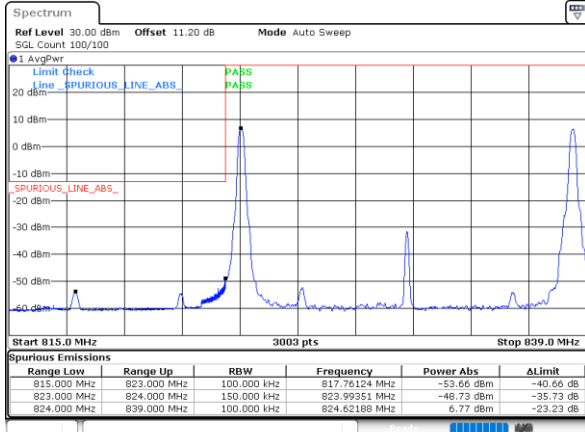




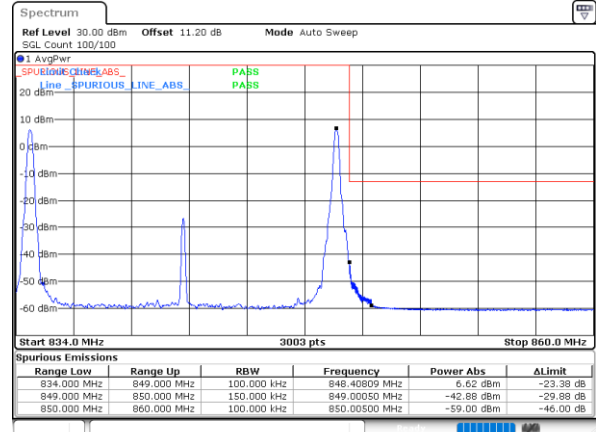
LTE Band 5B / 5MHz+10MHz

16QAM

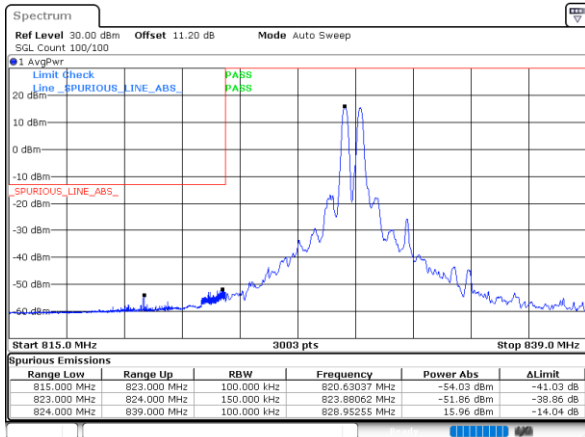
Lowest Band Edge / 1RB0 and 1RB49



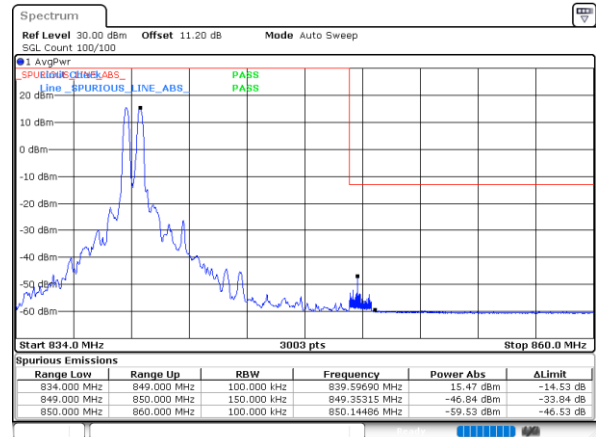
Highest Band Edge / 1RB0 and 1RB49



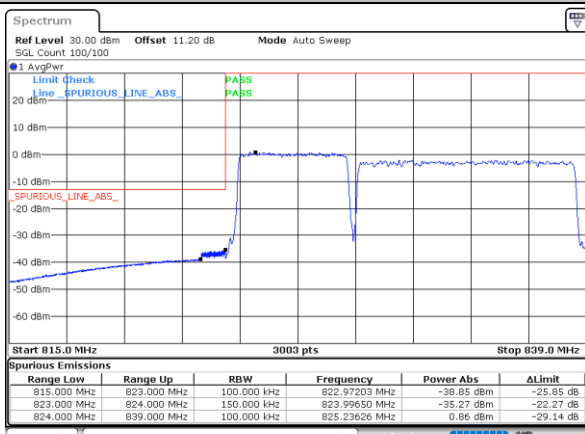
Lowest Band Edge / 1RB24 and 1RB0



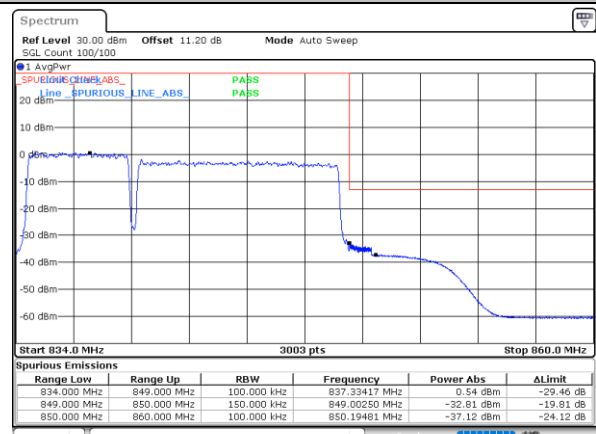
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

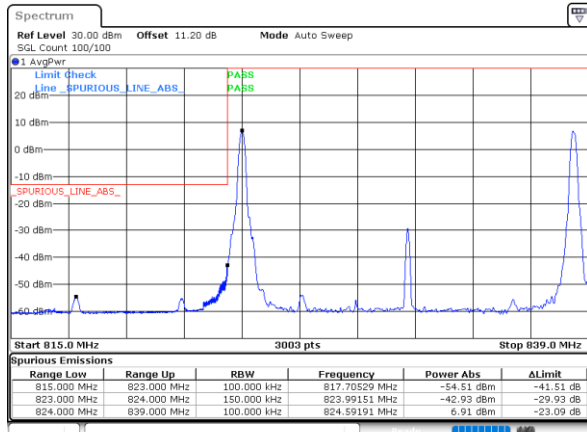




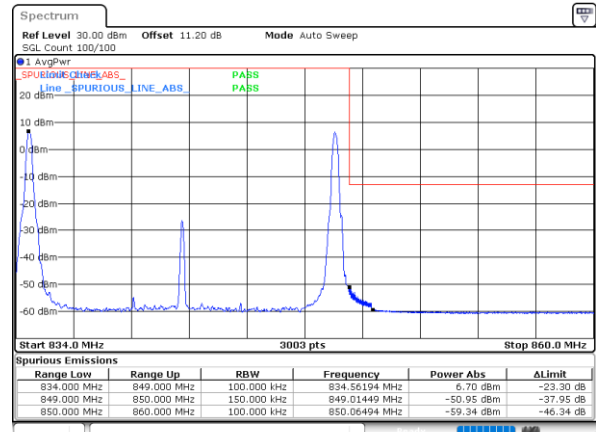
LTE Band 5B / 10MHz+5MHz

16QAM

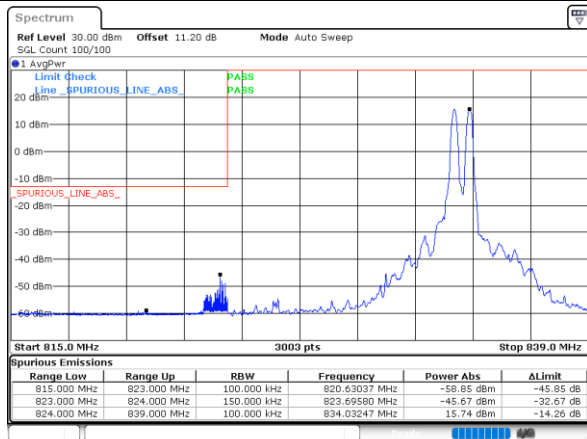
Lowest Band Edge / 1RB0 and 1RB24



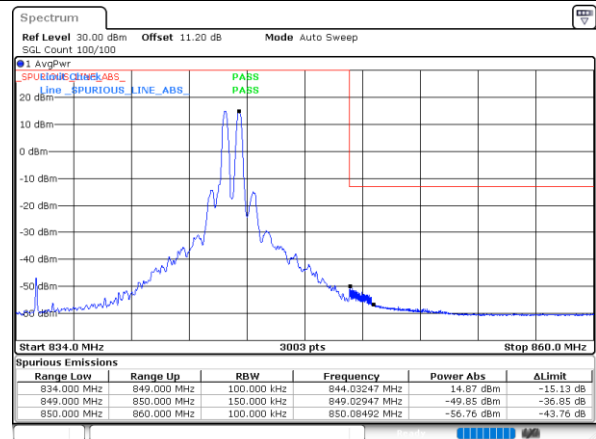
Highest Band Edge / 1RB0 and 1RB24



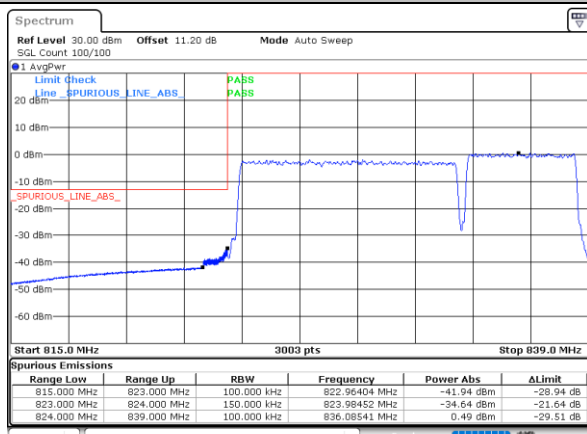
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

