FCC RF Test Report

APPLICANT	: ASUSTeK COMPUTER INC.
EQUIPMENT	: ASUS Phone (Mobile Phone)
BRAND NAME	: ASUS
MODEL NAME	: ASUS_AI2205_E, ASUS_AI2205_F
FCC ID	: MSQAI2205
STANDARD	: 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION	: PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	: Feb. 03, 2023 ~ Mar. 30, 2023

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG2D3005B	Rev. 01	Initial issue of report	Apr. 11, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2) (Band 25)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10$\log_{10}$(P[Watts])	PASS	Under limit 37.43 dB at 2481.30 MHz

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Applicant

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

1.2 Manufacturer

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	ASUS Phone (Mobile Phone)
Brand Name	ASUS
Model Name	ASUS_AI2205_E, ASUS_AI2205_F
FCC ID	MSQAI2205
IMEI Code	Conducted: 355156850100653/355156850100661 Radiation: 355156850101156/355156850101164
HW Version	R2.0
SW Version	Android 13
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are four SKUs of EUT for this project. The differences between them are summary below, According to the difference, we evaluate SKU1 (ASUS_AI2205_F) to perform RF test.

Sample list				
	SKU1	**SKU2**	**SKU3**	**SKU4**
Model name	**ASUS_AI2205_F**	**ASUS_AI2205_E**	**ASUS_AI2205_F**	**ASUS_AI2205_E**
Config.	US(Pro)	US(Entry)	US(Pro)	US(Entry)
RF module board	US(Pro)	US(Entry)	US(Pro)	US(Entry)
LCD+Touch front frame	AI2205 FRONT CASE ASSY WW	AI2205 FRONT CASE ASSY WW	AI2205 FRONT CASE ASSY WW	AI2205 FRONT CASE ASSY WW
DDR	16G(Micron) Micron / MT62F2G64D8CL-023 WT:B	16G(Micron) Micron / MT62F2G64D8CL-023 WT:B	16G(Micron) Micron / MT62F2G64D8CL-023 WT:B	16G(Micron) Micron / MT62F2G64D8CL-023 WT:B
UFS	512G(Kioxia)(UFS4.0) Kioxia / THGJFJT2T85BAT0	512G(Samsung)(UFS4.0) Samsung /KLUFG8RHHD-B0G1	512G(Kioxia)(UFS4.0) Kioxia / THGJFJT2T85BAT0	512G(Samsung)(UFS4.0) Samsung /KLUFG8RHHD-B0G1
MB	AI2205_MB	AI2205_MB	AI2205_MB	AI2205_MB
Back cover	WW-Dark-Ult	WW-Light-Entry	WW-Dark-Ult	WW-Light-Entry
Battery	SCUD / C21P2101	SWD / C21P2101	SWD / C21P2101	SCUD / C21P2101
Rear Camera 50+13M	SHINETECH/CDN60B	TRIPLEWIN/CASDA-002A1	TRIPLEWIN/CASDA-002A1	SHINETECH/CDN60B
Front Camera 32M	TSPRECISION/TVHF2170	SHINETECH/ST-CMG07B	SHINETECH/ST-CMG07B	TSPRECISION/TVHF2170

Rear Camera 5M	HUNAN KINGCOME/KBFE378	TSPRECISION/TV8F2224	TSPRECISION/TV8F2224	HUNAN KINGCOME/KBFE378
PCB	COMPEQ	COMPEQ	COMPEQ	COMPEQ
CPU	QUALCOMM MPSP1581 / SM-8550 MPSP1581 CS	QUALCOMM MPSP1581 / SM-8550 MPSP1581 CS	QUALCOMM MPSP1581 / SM-8550 MPSP1581 CS	QUALCOMM MPSP1581 / SM-8550 MPSP1581 CS

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 25 : 1850 MHz ~ 1915 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 25 : 1930 MHz ~ 1995 MHz LTE Band 26 : 869 MHz ~ 894 MHz LTE Band 66 : 2110 MHz~ 2200 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**Ant.0:** LTE Band 5 : 24.25 dBm LTE Band 5B_CA : 25.09 dBm LTE Band 26 : 24.30 dBm **Ant.1:** LTE Band 2 : 25.00 dBm LTE Band 2C_CA : 25.49 dBm LTE Band 4 : 24.93 dBm LTE Band 25 : 25.13 dBm LTE Band 66 : 25.01 dBm LTE Band 66B_CA : 25.57 dBm LTE Band 66C_CA : 25.44 dBm **Ant.2:** LTE Band 2 : 25.00 dBm LTE Band 2C_CA : 25.49 dBm LTE Band 4 : 24.93 dBm LTE Band 5 : 24.25 dBm LTE Band 5B_CA : 25.09 dBm LTE Band 25 : 25.13 dBm LTE Band 26 : 24.30 dBm LTE Band 66 : 25.01 dBm LTE Band 66B_CA : 25.57 dBm LTE Band 66C_CA : 25.44 dBm **Ant.7:** LTE Band 2 : 22.04 dBm LTE Band 4 : 21.90 dBm LTE Band 25 : 22.06 dBm LTE Band 66 : 21.92 dBm

Antenna Gain	**Ant.0:** LTE Band 5 : -3.33 dBi LTE Band 26 : -3.33 dBi **Ant.1:** LTE Band 2 : -0.14 dBi LTE Band 4 : -1.11 dBi LTE Band 25 : -0.14 dBi LTE Band 66 : -1.11 dBi **Ant.2:** LTE Band 2 : -5.81 dBi LTE Band 4 : -6.41 dBi LTE Band 5 : -5.71 dBi LTE Band 25 : -5.81 dBi LTE Band 26 : -5.71 dBi LTE Band 66 : -6.41 dBi **Ant.7:** LTE Band 2 : -3.92 dBi LTE Band 4 : -3.57 dBi LTE Band 25 : -3.92 dBi LTE Band 66 : -3.57 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, only the maximum ERP/EIRP of Ant.0 for LTE Band 5/26/5B, Ant.1 for LTE Band 2/4/25/66/2C/66B/66C are shown in the report.
2. The device supports two PA switch for LTE Band 2/4/25/66(main PA with Ant.1/2, and other PA with Ant.7), the maximum power of main PA is higher than the other PA, the maximum EIRP of main PA for Ant.1 is higher than Ant.2. Therefore, the maximum EIRP of main PA for Ant.1 is shown in the report.
3. when temperature lower than -10 °C, EUT will be shut down automatically, thus Frequency Stability item only test -10~50 °C.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP and Emission Designator

LTE Band 2		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1850.7 ~ 1909.3	0.3090	1M11G7D	0.2393	1M13W7D
3	1851.5 ~ 1908.5	0.3097	2M74G7D	0.2404	2M77W7D
5	1852.5 ~ 1907.5	0.3119	4M54G7D	0.2382	4M51W7D
10	1855.0 ~ 1905.0	0.3133	9M09G7D	0.2382	9M09W7D
15	1857.5 ~ 1902.5	0.3076	13M5G7D	0.2404	13M6W7D
20	1860.0 ~ 1900.0	0.3155	18M0G7D	0.2410	17M9W7D
LTE Band 25		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1850.7 ~ 1914.3	0.3090	1M11G7D	0.2393	1M13W7D
3	1851.5 ~ 1913.5	0.3097	2M74G7D	0.2404	2M77W7D
5	1852.5 ~ 1912.5	0.3119	4M54G7D	0.2382	4M51W7D
10	1855.0 ~ 1910.0	0.3133	9M09G7D	0.2382	9M09W7D
15	1857.5 ~ 1907.5	0.3076	13M5G7D	0.2404	13M6W7D
20	1860.0 ~ 1905.0	0.3155	18M0G7D	0.2410	17M9W7D
LTE Band 4		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1754.3	0.2443	1M10G7D	0.1963	1M12W7D
3	1711.5 ~ 1753.5	0.2443	2M74G7D	0.1982	2M74W7D
5	1712.5 ~ 1752.5	0.2415	4M52G7D	0.1977	4M54W7D
10	1715.0 ~ 1750.0	0.2432	9M13G7D	0.1991	9M23W7D
15	1717.5 ~ 1747.5	0.2388	13M5G7D	0.1977	13M5W7D
20	1720.0 ~ 1745.0	0.2455	17M9G7D	0.2000	18M0W7D

LTE Band 5		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0750	1M10G7D	0.0632	1M12W7D
3	825.5 ~ 847.5	0.0750	2M75G7D	0.0632	2M75W7D
5	826.5 ~ 846.5	0.0743	4M51G7D	0.0628	4M50W7D
10	829.0 ~ 844.0	0.0755	9M07G7D	0.0625	9M07W7D

LTE Band 26		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0750	1M10G7D	0.0632	1M12W7D
3	825.5 ~ 847.5	0.0750	2M75G7D	0.0632	2M75W7D
5	826.5 ~ 846.5	0.0743	4M51G7D	0.0628	4M50W7D
10	829.0 ~ 844.0	0.0755	9M07G7D	0.0625	9M07W7D
15	831.5 ~ 841.5	0.0762	13M5G7D	0.0638	13M6W7D
CH26790	824.0	0.0713	13M6G7D	0.0610	13M5W7D

LTE Band 66		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1779.3	0.2443	1M10G7D	0.1963	1M12W7D
3	1711.5 ~ 1778.5	0.2443	2M74G7D	0.1982	2M74W7D
5	1712.5 ~ 1777.5	0.2415	4M52G7D	0.1977	4M54W7D
10	1715.0 ~ 1775.0	0.2432	9M13G7D	0.1991	9M23W7D
15	1717.5 ~ 1772.5	0.2388	13M5G7D	0.1977	13M5W7D
20	1720.0 ~ 1770.0	0.2455	17M9G7D	0.2000	18M0W7D

LTE Band CA_2C	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz	0.3319	23M5G7D	0.2904	24M7W7D
20MHz+5MHz	0.3350	23M4G7D	0.2877	23M4W7D
10MHz+20MHz	0.3296	27M9G7D	0.2884	28M2W7D
15MHz+10MHz	0.3319	23M4G7D	0.2924	23M7W7D
15MHz+15MHz	0.3357	28M5G7D	0.2917	28M8W7D
10MHz+15MHz	0.3342	23M5G7D	0.2891	23M4W7D
15MHz+20MHz	0.3334	32M9G7D	0.2904	32M9W7D
20MHz+10MHz	0.3357	28M2G7D	0.2931	28M1W7D
20MHz+15MHz	0.3365	32M9G7D	0.2938	32M8W7D
20MHz+20MHz	0.3428	37M8G7D	0.2985	37M7W7D
LTE Band CA_5B	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
3MHz+5MHz	0.0910	7M61G7D	0.0757	7M56W7D
5MHz+3MHz	0.0912	7M59G7D	0.0766	7M58W7D
5MHz+10MHz	0.0902	13M9G7D	0.0769	13M9W7D
10MHz+5MHz	0.0914	13M9G7D	0.0771	13M9W7D
10MHz+10MHz	0.0885	18M8G7D	0.0710	18M9W7D
LTE Band CA_66B	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+5MHz	0.2786	9M31G7D	0.1897	9M35W7D
5MHz+10MHz	0.2723	13M9G7D	0.1884	13M9W7D
5MHz+15MHz	0.2742	18M3G7D	0.1923	18M2W7D
10MHz+5MHz	0.2729	13M9G7D	0.1905	13M9W7D
10MHz+10MHz	0.2655	18M7G7D	0.2218	18M9W7D
15MHz+5MHz	0.2793	18M3G7D	0.1928	18M3W7D

LTE Band CA_66C	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emissio Designator (99%OBW)
5MHz+20MHz	0.2673	23M5G7D	0.2296	23M4W7D
10MHz+15MHz	0.2642	23M5G7D	0.2317	23M5W7D
10MHz+20MHz	0.2661	28M1G7D	0.2275	27M9W7D
15MHz+10MHz	0.2661	23M6G7D	0.2296	23M6W7D
15MHz+15MHz	0.2679	28M7G7D	0.2275	29M0W7D
15MHz+20MHz	0.2685	32M8G7D	0.2307	33M0W7D
20MHz+5MHz	0.2642	23M4G7D	0.2291	23M4W7D
20MHz+10MHz	0.2649	28M2G7D	0.2317	28M2W7D
20MHz+15MHz	0.2692	32M9G7D	0.2323	33M2W7D
20MHz+20MHz	0.2710	37M9G7D	0.2275	37M8W7D

Note:

1. LTE Band 26 overlaps the entire frequency range of LTE Band 5. Therefore, the test results provided in this report covers Band 5 and the portion of Band 26 subject to Part 22.
2. LTE Band 66 overlaps the entire frequency range of LTE Band 4. Therefore, the test results provided in this report covers Band 66 as well as Band 4.
3. LTE Band 25 overlaps the entire frequency range of LTE Band 2. Therefore, the test results provided in this report covers Band 25 as well as Band 2.
4. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH01-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24

1.9 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E), 27(L)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.(X, Z Plane)

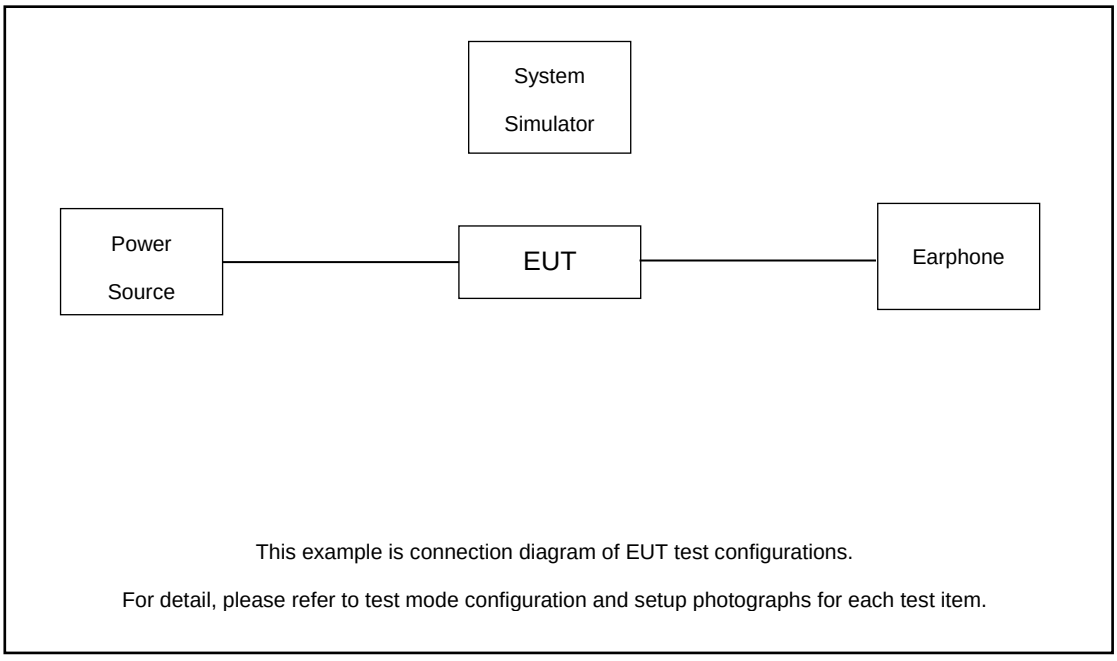
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	25						v	v	v	v		v		v	v	v	v
	26					v	-	v	v	v		v		v	v	v	v
	66						v	v	v	v		v		v	v	v	v
26dB and 99% Bandwidth	25	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
	66	v	v	v	v	v	v	v	v	v				v	v	v	v
Conducted Band Edge	25	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
	66	v	v	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	25	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
	66	v	v	v	v	v	v	v	v	v		v			v	v	v
Frequency Stability	25				v			v						v		v	
	26				v		-	v						v		v	
	66				v			v						v		v	

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	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
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	25	Worst Case														v	
	26	Worst Case														v	
	66	Worst Case														v	
Note	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. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																

Test Items	Band	Bandwidth (MHz)								Modulation				RB #			Test Channel		
		10+10	15+5	5+15	10+5	5+10	5+5	5+3	3+5	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	5B_CA	v	-	-	v	v	-	v	v	v	v	v	v	v			v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	v	v			v	v	v
26dB and 99% Bandwidth	5B_CA	v	-	-	v	v	-	v	v	v	v	v				v	v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v				v	v	v	v
Conducted Band Edge	5B_CA	v	-	-	v	v	-	v	v	v	v	v		v		v	v		v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v		v		v	v		v
Conducted Spurious Emission	5B_CA	v	-	-	v	v	-	v	v	v	v	v		v			v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v				v			v	v	v
E.R.P / E.I.R.P.	5B_CA	v	-	-	v	v	-	v	v	v	v	v	v	v			v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	v	v			v	v	v
Radiated Spurious Emission	5B_CA	Worst Case																v	
	66B_CA	Worst Case																v	
Note	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. All test items are based on engineering evaluation. 5. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																		

Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	20+10	20+5	15+20	15+15	15+10	10+20	10+15	5+20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	2C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
26dB and 99% Bandwidth	2C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
Conducted Band Edge	2C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v		v	v		v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	2C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
E.I.R.P.	2C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
Radiated Spurious Emission	2C_CA	Worst Case																		v	
	66C_CA	Worst Case																		v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. 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. 3. All test items are based on engineering evaluation. 4. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																				

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Power Supply	GWINSTEK	PSS-2002	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	ASUS	EA010B	N/A	N/A	N/A

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 4.8 dB and 10dB attenuator.

Example :

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

= 4.8 + 10 = 14.8 (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 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	836.5	844
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 26 Cross-rule Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**-**	**Middle**	**-**
15	Channel	-	26790	-
	Frequency	-	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-

LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 2C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18851	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
10 + 15	PCC	Channel	18653	18829	19005

		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900

LTE Band 5B_CA Channel and Frequency List					
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	20625
		Frequency	829.5	838.0	846.5
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	839	844
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829	834	839
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844

LTE Band 66C_CA Channel and Frequency List					
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	132471	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	132171	132472	132572
		Frequency	1729.9	1760	1770
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720	1750.1	1760.1
	SCC	Channel	132216	132517	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	132497	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	132496	132572
		Frequency	1734.9	1762.4	1770
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720	1747.6	1755.1
	SCC	Channel	132243	132519	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720	1752.5	1765
	SCC	Channel	132189	132514	132639
		Frequency	1731.7	1764.2	1776.7
5 + 20	PCC	Channel	132005	132330	132455

		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725	1757.5	1770
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720	1745.1	1750.2
	SCC	Channel	132270	132521	132572
		Frequency	1739.8	1764.9	1770

LTE Band 66B_CA Channel and Frequency List					
BW [MHz]	**Channel/Frequency(MHz)**		**Lowest**	**Middle**	**Highest**
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	132446	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	132447	132622
		Frequency	1720	1757.5	1775
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715	1752.5	1770
	SCC	Channel	132094	132469	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713	1748.1	1763.2
	SCC	Channel	132095	132446	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	132491	132642
		Frequency	1726.8	1761.9	1777
10 + 10	PCC	Channel	132022	132373	132523
		Frequency	1715	1750.1	1765.1
	SCC	Channel	132121	132472	132622
		Frequency	1724.9	1760	1775

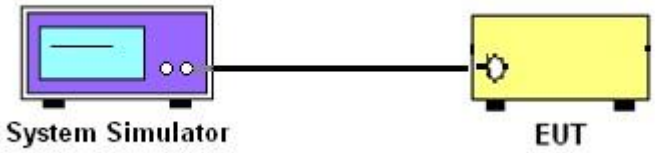
3 Conducted Test Items

3.1 Measuring Instruments

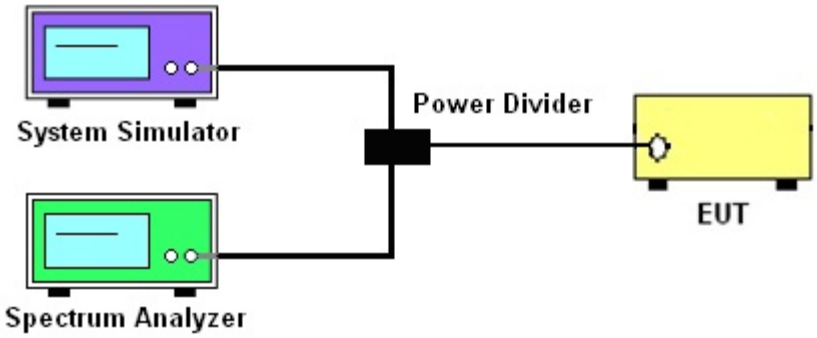
See list of measuring instruments of this test report.

3.2 Test Setup

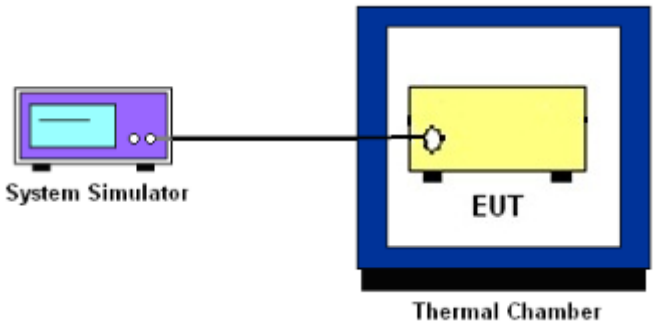
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP 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.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26.

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25.

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T – L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.5 Peak-to-Average Ratio

3.5.1 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.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 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.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. 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.
5. Set the detection mode to peak, and the trace mode to max hold.
6. 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)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. 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.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 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[Watts]) dB below the transmitter power P(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[Watts]) dB below the transmitter power P(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 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(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.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.
   Example:
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 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.

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -10°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. 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.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

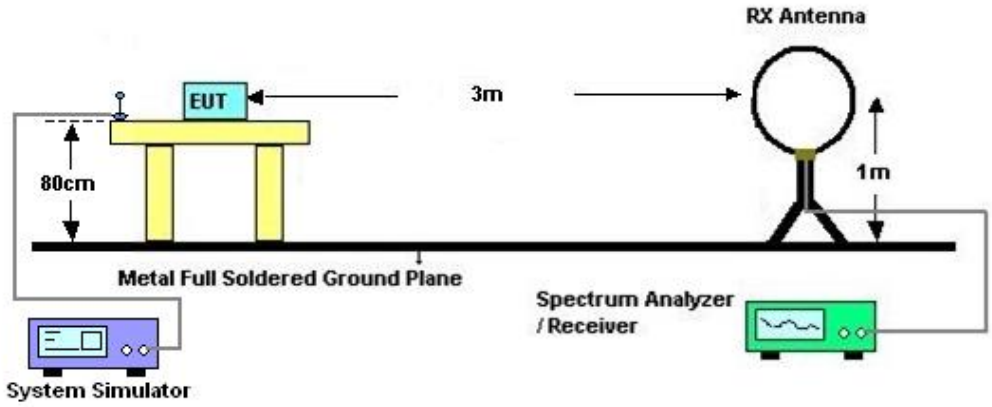
4 Radiated Test Items

4.1 Measuring Instruments

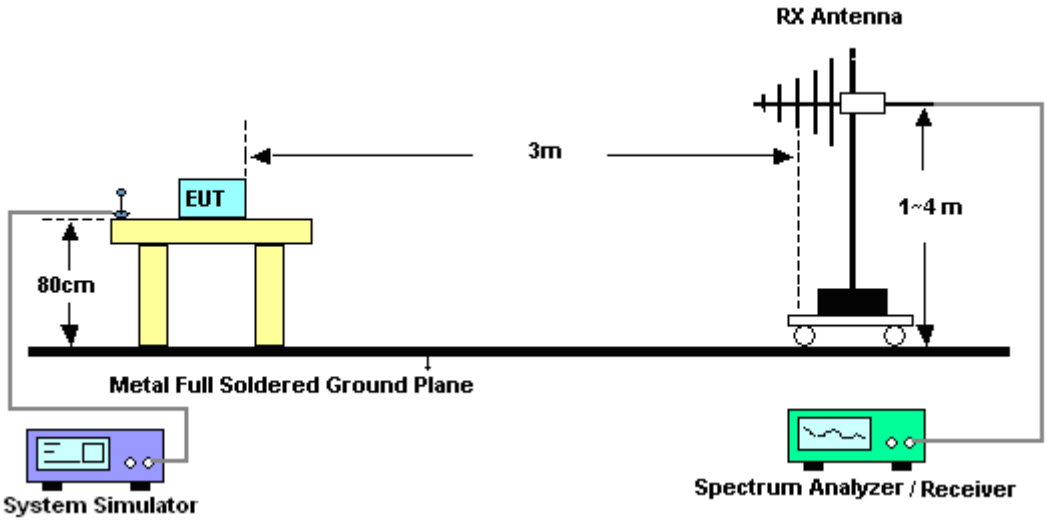
See list of measuring instruments of this test report.

4.2 Test Setup

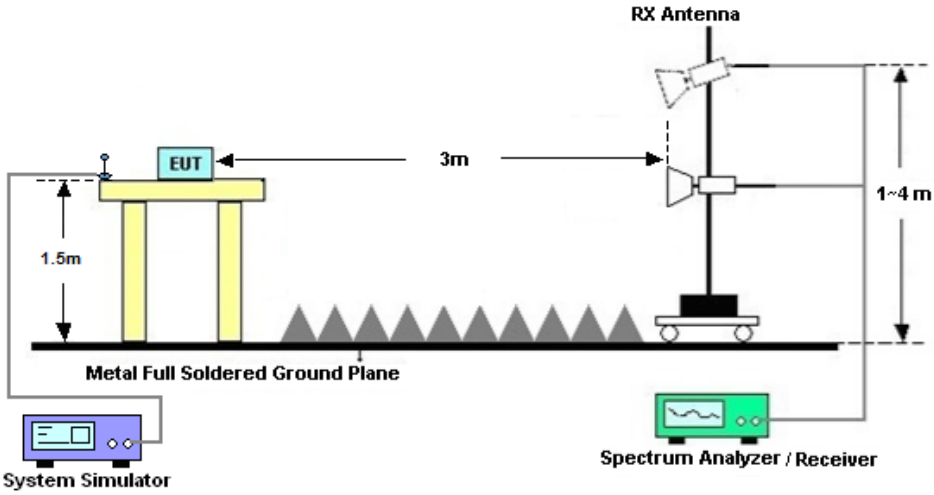
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. 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.

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 07, 2022	Feb. 03, 2023~ Mar. 30, 2023	Apr. 08, 2023	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Dec. 25, 2022	Feb. 03, 2023~ Mar. 30, 2023	Dec. 24, 2023	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 07, 2022	Feb. 03, 2023~ Mar. 30, 2023	Jul. 06, 2023	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 26, 2022	Feb. 07, 2023	Dec. 25, 2023	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 28, 2022	Feb. 07, 2023	Jul. 27, 2024	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Sep. 28, 2021	Feb. 07, 2023	Sep. 27, 2023	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 07, 2022	Feb. 07, 2023	Jul. 06, 2023	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 10, 2022	Feb. 07, 2023	Apr. 09, 2023	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 06, 2022	Feb. 07, 2023	Apr. 05, 2023	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P-R	1943528	1GHz~18GHz	Oct. 19, 2022	Feb. 07, 2023	Oct. 18, 2023	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 19, 2022	Feb. 07, 2023	Oct. 18, 2023	Radiation (03CH01-SZ
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 06. 2022	Feb. 07, 2023	Jul. 05. 2023	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Nov. 10, 2022	Feb. 07, 2023	Nov. 09, 2023	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Feb. 07, 2023	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Feb. 07, 2023	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±1.34 dB
Conducted Emissions	±1.34 dB
Occupied Channel Bandwidth	±0.13 %

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.48dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.53dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.02dB

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

LTE Band 2 <Ant.1>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	24.70	25.00	24.81
20	QPSK	1	49	24.72	24.76	24.91
20	QPSK	1	99	24.59	24.77	24.72
20	QPSK	50	0	23.76	23.95	23.88
20	QPSK	50	24	23.72	23.93	23.82
20	QPSK	50	50	23.73	23.87	23.81
20	QPSK	100	0	23.79	23.92	23.90
20	16QAM	1	0	24.17	23.92	24.21
20	16QAM	1	49	24.13	24.22	24.28
20	16QAM	1	99	23.92	23.95	24.10
20	16QAM	50	0	22.77	22.83	22.87
20	16QAM	50	24	22.82	22.81	22.98
20	16QAM	50	50	22.82	22.89	22.97
20	16QAM	100	0	22.83	22.89	22.94
20	64QAM	1	0	23.02	22.99	23.05
20	64QAM	1	49	23.13	23.05	23.07
20	64QAM	1	99	22.81	22.91	22.98
20	64QAM	50	0	21.79	21.82	21.89
20	64QAM	50	24	21.84	21.82	21.96
20	64QAM	50	50	21.81	21.86	21.93
20	64QAM	100	0	21.80	21.88	21.95
20	256QAM	1	0	19.98	20.08	20.02
20	256QAM	1	49	19.94	20.04	19.96
20	256QAM	1	99	19.89	20.07	20.00
20	256QAM	50	0	19.94	20.06	20.01
20	256QAM	50	24	19.93	20.06	19.91
20	256QAM	50	50	19.93	19.96	19.89
20	256QAM	100	0	19.79	20.00	19.95
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	24.65	24.96	24.71
15	QPSK	1	37	24.63	24.70	24.90
15	QPSK	1	74	24.47	24.69	24.70
15	QPSK	36	0	23.66	23.90	23.84
15	QPSK	36	20	23.81	23.81	23.91
15	QPSK	36	39	23.66	23.75	23.84
15	QPSK	75	0	23.67	23.80	23.89
15	16QAM	1	0	24.07	23.82	24.11

15	16QAM	1	37	24.03	24.12	24.26
15	16QAM	1	74	23.83	23.91	24.06
15	16QAM	36	0	22.71	22.79	22.86
15	16QAM	36	20	22.76	22.75	22.91
15	16QAM	36	39	22.71	22.80	22.96
15	16QAM	75	0	22.81	22.79	22.89
15	64QAM	1	0	22.99	22.90	22.96
15	64QAM	1	37	23.02	22.93	22.95
15	64QAM	1	74	22.71	22.83	22.96
15	64QAM	36	0	21.74	21.80	21.80
15	64QAM	36	20	21.72	21.77	21.90
15	64QAM	36	39	21.79	21.74	21.88
15	64QAM	75	0	21.70	21.80	21.86
15	256QAM	1	0	19.88	19.96	19.93
15	256QAM	1	37	19.93	19.94	19.89
15	256QAM	1	74	19.88	19.97	19.88
15	256QAM	36	0	19.84	19.99	19.92
15	256QAM	36	20	19.87	19.99	19.87
15	256QAM	36	39	19.92	19.92	19.81
15	256QAM	75	0	19.76	19.90	19.92
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	24.60	24.94	24.78
10	QPSK	1	25	24.61	24.65	24.81
10	QPSK	1	49	24.54	24.72	24.66
10	QPSK	25	0	23.65	23.93	23.79
10	QPSK	25	12	23.70	23.84	23.94
10	QPSK	25	25	23.70	23.82	23.81
10	QPSK	50	0	23.73	23.91	23.86
10	16QAM	1	0	24.05	23.89	24.14
10	16QAM	1	25	24.08	24.15	24.26
10	16QAM	1	49	23.80	23.93	24.04
10	16QAM	25	0	22.70	22.73	22.82
10	16QAM	25	12	22.72	22.77	22.92
10	16QAM	25	25	22.74	22.78	22.96
10	16QAM	50	0	22.82	22.85	22.90
10	64QAM	1	0	22.94	22.87	23.04
10	64QAM	1	25	23.10	22.95	22.95
10	64QAM	1	49	22.72	22.86	22.87
10	64QAM	25	0	21.73	21.76	21.86
10	64QAM	25	12	21.73	21.73	21.93
10	64QAM	25	25	21.77	21.79	21.86
10	64QAM	50	0	21.69	21.78	21.83
10	256QAM	1	0	19.90	20.01	19.92
10	256QAM	1	25	19.85	19.97	19.84
10	256QAM	1	49	19.77	20.04	19.92
10	256QAM	25	0	19.86	19.99	19.89
10	256QAM	25	12	19.87	20.04	19.84
10	256QAM	25	25	19.84	19.93	19.84
10	256QAM	50	0	19.69	19.98	19.90

Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	24.60	24.91	24.75
5	QPSK	1	12	24.61	24.67	24.79
5	QPSK	1	24	24.53	24.65	24.69
5	QPSK	12	0	23.72	23.91	23.81
5	QPSK	12	7	23.80	23.90	23.89
5	QPSK	12	13	23.69	23.80	23.81
5	QPSK	25	0	23.72	23.82	23.79
5	16QAM	1	0	24.08	23.84	24.15
5	16QAM	1	12	24.01	24.17	24.19
5	16QAM	1	24	23.82	23.92	24.05
5	16QAM	12	0	22.71	22.71	22.82
5	16QAM	12	7	22.74	22.73	22.92
5	16QAM	12	13	22.77	22.84	22.92
5	16QAM	25	0	22.73	22.82	22.93
5	64QAM	1	0	22.99	22.97	22.99
5	64QAM	1	12	23.02	22.94	22.95
5	64QAM	1	24	22.72	22.82	22.86
5	64QAM	12	0	21.75	21.79	21.81
5	64QAM	12	7	21.81	21.73	21.91
5	64QAM	12	13	21.72	21.76	21.88
5	64QAM	25	0	21.73	21.82	21.89
5	256QAM	1	0	19.90	20.06	19.91
5	256QAM	1	12	19.82	19.97	19.84
5	256QAM	1	24	19.84	20.03	19.96
5	256QAM	12	0	19.88	19.97	19.96
5	256QAM	12	7	19.84	20.01	19.83
5	256QAM	12	13	19.83	19.84	19.81
5	256QAM	25	0	19.67	19.95	19.86
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	24.68	24.91	24.69
3	QPSK	1	8	24.71	24.69	24.81
3	QPSK	1	14	24.57	24.69	24.68
3	QPSK	8	0	23.64	23.86	23.83
3	QPSK	8	4	23.78	23.91	23.91
3	QPSK	8	7	23.69	23.76	23.82
3	QPSK	15	0	23.77	23.90	23.78
3	16QAM	1	0	24.13	23.87	24.18
3	16QAM	1	8	24.02	24.21	24.16
3	16QAM	1	14	23.83	23.92	24.08
3	16QAM	8	0	22.70	22.73	22.83
3	16QAM	8	4	22.81	22.71	22.90
3	16QAM	8	7	22.81	22.81	22.91
3	16QAM	15	0	22.78	22.80	22.88
3	64QAM	1	0	22.97	22.90	22.93
3	64QAM	1	8	23.04	22.93	22.98
3	64QAM	1	14	22.74	22.85	22.94
3	64QAM	8	0	21.73	21.75	21.81

3	64QAM	8	4	21.83	21.72	21.88
3	64QAM	8	7	21.70	21.82	21.90
3	64QAM	15	0	21.70	21.80	21.90
3	256QAM	1	0	19.86	20.07	19.98
3	256QAM	1	8	19.83	19.97	19.91
3	256QAM	1	14	19.84	20.01	19.92
3	256QAM	8	0	19.93	20.04	20.00
3	256QAM	8	4	19.82	20.03	19.83
3	256QAM	8	7	19.89	19.85	19.84
3	256QAM	15	0	19.67	19.91	19.93
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	24.84	24.93	24.81
1.4	QPSK	1	3	24.86	24.96	24.91
1.4	QPSK	1	5	24.81	24.89	24.72
1.4	QPSK	3	0	24.84	24.96	24.72
1.4	QPSK	3	1	24.86	24.94	24.74
1.4	QPSK	3	3	24.88	24.98	24.65
1.4	QPSK	6	0	24.80	24.83	24.74
1.4	16QAM	1	0	24.22	24.35	24.21
1.4	16QAM	1	3	24.29	24.46	24.28
1.4	16QAM	1	5	24.22	24.30	24.10
1.4	16QAM	3	0	24.00	24.16	24.27
1.4	16QAM	3	1	24.08	24.22	24.11
1.4	16QAM	3	3	24.04	24.21	24.35
1.4	16QAM	6	0	23.05	23.08	22.99
1.4	64QAM	1	0	23.11	23.34	23.16
1.4	64QAM	1	3	23.28	23.45	23.16
1.4	64QAM	1	5	23.11	23.29	23.07
1.4	64QAM	3	0	22.98	23.14	23.25
1.4	64QAM	3	1	23.02	23.16	23.06
1.4	64QAM	3	3	23.01	23.10	23.32
1.4	64QAM	6	0	21.94	21.95	21.97
1.4	256QAM	1	0	19.79	20.03	19.96
1.4	256QAM	1	3	19.82	19.87	19.89
1.4	256QAM	1	5	19.82	19.89	19.87
1.4	256QAM	3	0	19.85	19.95	19.91
1.4	256QAM	3	1	19.77	19.93	19.77
1.4	256QAM	3	3	19.83	19.83	19.76
1.4	256QAM	6	0	19.65	19.83	19.82

LTE Band 4 <Ant.1>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	24.90	24.93	24.87
20	QPSK	1	49	24.75	24.85	24.79
20	QPSK	1	99	24.76	24.74	24.68
20	QPSK	50	0	23.83	23.91	23.84
20	QPSK	50	24	23.81	23.87	23.78
20	QPSK	50	50	23.82	23.89	23.78
20	QPSK	100	0	23.65	23.90	23.79
20	16QAM	1	0	24.17	24.24	24.09
20	16QAM	1	49	24.13	24.28	24.14
20	16QAM	1	99	24.07	24.08	24.02
20	16QAM	50	0	22.84	22.90	22.85
20	16QAM	50	24	22.90	22.89	22.79
20	16QAM	50	50	22.89	22.90	22.85
20	16QAM	100	0	22.89	22.84	22.78
20	64QAM	1	0	23.01	23.08	23.06
20	64QAM	1	49	23.05	23.08	23.04
20	64QAM	1	99	22.99	22.89	23.01
20	64QAM	50	0	21.83	21.90	21.84
20	64QAM	50	24	21.92	21.87	21.82
20	64QAM	50	50	21.89	21.89	21.80
20	64QAM	100	0	21.90	21.87	21.79
20	256QAM	1	0	20.05	20.16	20.10
20	256QAM	1	49	19.93	20.02	19.96
20	256QAM	1	99	19.94	20.04	19.91
20	256QAM	50	0	20.02	20.02	19.94
20	256QAM	50	24	19.90	19.97	19.92
20	256QAM	50	50	19.88	19.99	19.81
20	256QAM	100	0	19.92	20.04	20.09
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	24.81	24.89	24.80
15	QPSK	1	37	24.69	24.84	24.67
15	QPSK	1	74	24.64	24.64	24.61
15	QPSK	36	0	23.73	23.90	23.72
15	QPSK	36	20	23.84	23.82	23.69
15	QPSK	36	39	23.81	23.81	23.68
15	QPSK	75	0	23.88	23.76	23.69
15	16QAM	1	0	24.11	24.13	24.01
15	16QAM	1	37	24.12	24.18	24.08
15	16QAM	1	74	23.95	24.03	23.95
15	16QAM	36	0	22.83	22.88	22.81
15	16QAM	36	20	22.78	22.88	22.71
15	16QAM	36	39	22.86	22.86	22.76
15	16QAM	75	0	22.87	22.80	22.74

15	64QAM	1	0	22.99	23.05	23.03
15	64QAM	1	37	23.02	23.06	23.00
15	64QAM	1	74	22.90	22.77	22.92
15	64QAM	36	0	21.80	21.88	21.79
15	64QAM	36	20	21.91	21.78	21.72
15	64QAM	36	39	21.84	21.85	21.75
15	64QAM	75	0	21.87	21.82	21.70
15	256QAM	1	0	20.04	20.13	20.09
15	256QAM	1	37	19.98	20.04	19.96
15	256QAM	1	74	19.93	20.01	19.98
15	256QAM	36	0	20.02	20.06	20.03
15	256QAM	36	20	19.91	19.97	19.90
15	256QAM	36	39	19.94	20.05	19.92
15	256QAM	75	0	19.99	20.04	20.12
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	24.85	24.84	24.83
10	QPSK	1	25	24.66	24.79	24.78
10	QPSK	1	49	24.66	24.69	24.64
10	QPSK	25	0	23.77	23.90	23.75
10	QPSK	25	12	23.89	23.83	23.73
10	QPSK	25	25	23.80	23.88	23.76
10	QPSK	50	0	23.87	23.79	23.75
10	16QAM	1	0	24.12	24.20	23.99
10	16QAM	1	25	24.05	24.22	24.08
10	16QAM	1	49	24.05	24.06	23.93
10	16QAM	25	0	22.76	22.88	22.80
10	16QAM	25	12	22.85	22.77	22.78
10	16QAM	25	25	22.85	22.79	22.78
10	16QAM	50	0	22.78	22.81	22.73
10	64QAM	1	0	23.00	22.98	23.04
10	64QAM	1	25	22.96	23.03	23.03
10	64QAM	1	49	22.91	22.85	22.95
10	64QAM	25	0	21.79	21.83	21.76
10	64QAM	25	12	21.85	21.80	21.73
10	64QAM	25	25	21.88	21.79	21.72
10	64QAM	50	0	21.82	21.79	21.76
10	256QAM	1	0	20.01	20.10	20.06
10	256QAM	1	25	19.96	20.11	19.98
10	256QAM	1	49	19.92	20.02	19.99
10	256QAM	25	0	19.99	20.03	19.97
10	256QAM	25	12	19.88	20.04	19.94
10	256QAM	25	25	19.87	19.97	19.86
10	256QAM	50	0	20.02	20.11	20.03
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	24.78	24.85	24.76
5	QPSK	1	12	24.67	24.83	24.72
5	QPSK	1	24	24.75	24.71	24.56
5	QPSK	12	0	23.72	23.89	23.78

5	QPSK	12	7	23.85	23.83	23.75
5	QPSK	12	13	23.79	23.78	23.70
5	QPSK	25	0	23.87	23.77	23.78
5	16QAM	1	0	24.06	24.19	24.04
5	16QAM	1	12	24.05	24.26	24.13
5	16QAM	1	24	24.03	24.07	23.94
5	16QAM	12	0	22.72	22.88	22.84
5	16QAM	12	7	22.88	22.84	22.75
5	16QAM	12	13	22.84	22.81	22.80
5	16QAM	25	0	22.79	22.75	22.68
5	64QAM	1	0	23.00	22.96	23.05
5	64QAM	1	12	22.98	22.98	23.03
5	64QAM	1	24	22.94	22.80	23.00
5	64QAM	12	0	21.76	21.86	21.76
5	64QAM	12	7	21.91	21.80	21.71
5	64QAM	12	13	21.83	21.85	21.69
5	64QAM	25	0	21.83	21.75	21.69
5	256QAM	1	0	20.01	20.14	20.03
5	256QAM	1	12	19.97	20.05	19.92
5	256QAM	1	24	19.87	20.05	19.93
5	256QAM	12	0	19.96	20.02	19.96
5	256QAM	12	7	19.86	20.01	19.94
5	256QAM	12	13	19.83	20.02	19.88
5	256QAM	25	0	19.94	20.14	20.10
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	24.86	24.90	24.86
3	QPSK	1	8	24.68	24.77	24.77
3	QPSK	1	14	24.72	24.62	24.59
3	QPSK	8	0	23.72	23.86	23.83
3	QPSK	8	4	23.80	23.81	23.77
3	QPSK	8	7	23.79	23.77	23.77
3	QPSK	15	0	23.79	23.76	23.68
3	16QAM	1	0	24.12	24.20	24.03
3	16QAM	1	8	24.11	24.26	24.09
3	16QAM	1	14	24.01	24.07	23.99
3	16QAM	8	0	22.76	22.83	22.78
3	16QAM	8	4	22.84	22.83	22.73
3	16QAM	8	7	22.86	22.79	22.84
3	16QAM	15	0	22.86	22.76	22.72
3	64QAM	1	0	22.98	23.07	22.99
3	64QAM	1	8	22.94	22.97	22.98
3	64QAM	1	14	22.93	22.78	22.99
3	64QAM	8	0	21.73	21.80	21.72
3	64QAM	8	4	21.83	21.85	21.72
3	64QAM	8	7	21.81	21.85	21.74
3	64QAM	15	0	21.79	21.79	21.77
3	256QAM	1	0	20.03	20.13	20.02
3	256QAM	1	8	19.90	20.07	20.02
3	256QAM	1	14	19.96	20.08	20.01

3	256QAM	8	0	19.92	20.06	19.95
3	256QAM	8	4	19.92	20.04	19.97
3	256QAM	8	7	19.93	20.07	19.91
3	256QAM	15	0	19.95	20.09	20.03
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	24.82	24.92	24.86
1.4	QPSK	1	3	24.67	24.78	24.76
1.4	QPSK	1	5	24.68	24.63	24.63
1.4	QPSK	3	0	24.70	24.80	24.84
1.4	QPSK	3	1	24.59	24.75	24.74
1.4	QPSK	3	3	24.61	24.59	24.61
1.4	QPSK	6	0	23.56	23.87	23.77
1.4	16QAM	1	0	24.11	24.12	24.01
1.4	16QAM	1	3	24.08	24.17	24.07
1.4	16QAM	1	5	23.99	23.99	23.97
1.4	16QAM	3	0	24.07	24.10	23.96
1.4	16QAM	3	1	24.06	24.07	24.03
1.4	16QAM	3	3	23.98	23.88	23.87
1.4	16QAM	6	0	22.85	22.75	22.76
1.4	64QAM	1	0	22.96	22.99	22.95
1.4	64QAM	1	3	22.98	22.99	22.98
1.4	64QAM	1	5	22.97	22.77	22.92
1.4	64QAM	3	0	22.94	22.96	22.89
1.4	64QAM	3	1	22.97	22.97	22.90
1.4	64QAM	3	3	22.86	22.74	22.90
1.4	64QAM	6	0	21.86	21.86	21.75
1.4	256QAM	1	0	20.07	20.21	20.12
1.4	256QAM	1	3	19.99	20.12	20.04
1.4	256QAM	1	5	19.99	20.12	20.02
1.4	256QAM	3	0	20.03	20.10	20.04
1.4	256QAM	3	1	19.97	20.08	19.98
1.4	256QAM	3	3	19.95	20.09	19.93
1.4	256QAM	6	0	20.04	20.15	20.14

LTE Band 5 <Ant.0>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	24.25	24.15	24.16
10	QPSK	1	25	24.09	24.11	24.02
10	QPSK	1	49	24.13	24.10	24.08
10	QPSK	25	0	23.16	23.15	23.10
10	QPSK	25	12	23.14	23.13	23.08
10	QPSK	25	25	23.15	23.08	23.02
10	QPSK	50	0	23.15	23.11	23.01
10	16QAM	1	0	23.58	23.57	23.50
10	16QAM	1	25	23.36	23.37	23.31
10	16QAM	1	49	23.48	23.46	23.39
10	16QAM	25	0	22.19	22.21	22.12
10	16QAM	25	12	22.26	22.17	22.16
10	16QAM	25	25	22.12	22.12	22.06
10	16QAM	50	0	22.11	22.12	22.10
10	64QAM	1	0	22.46	22.38	22.37
10	64QAM	1	25	22.42	22.34	22.29
10	64QAM	1	49	22.22	22.16	22.15
10	64QAM	25	0	21.23	21.17	21.15
10	64QAM	25	12	21.29	21.20	21.10
10	64QAM	25	25	21.17	21.12	21.08
10	64QAM	50	0	21.11	21.12	21.03
10	256QAM	1	0	19.79	19.56	19.74
10	256QAM	1	25	19.74	19.49	19.69
10	256QAM	1	49	19.74	19.51	19.73
10	256QAM	25	0	19.76	19.51	19.67
10	256QAM	25	12	19.75	19.50	19.69
10	256QAM	25	25	19.62	19.48	19.64
10	256QAM	50	0	19.70	19.41	19.66
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	24.19	24.03	24.12
5	QPSK	1	12	24.03	24.07	24.01
5	QPSK	1	24	24.05	24.01	24.01
5	QPSK	12	0	23.07	23.13	23.06
5	QPSK	12	7	23.06	23.03	23.06
5	QPSK	12	13	23.05	23.03	23.05
5	QPSK	25	0	23.07	23.01	23.02
5	16QAM	1	0	23.46	23.45	23.39
5	16QAM	1	12	23.34	23.27	23.30
5	16QAM	1	24	23.45	23.36	23.27
5	16QAM	12	0	22.13	22.15	22.09
5	16QAM	12	7	22.14	22.09	22.12
5	16QAM	12	13	22.08	22.05	22.04
5	16QAM	25	0	22.00	22.04	22.09

5	64QAM	1	0	22.39	22.33	22.35
5	64QAM	1	12	22.35	22.33	22.28
5	64QAM	1	24	22.19	22.13	22.05
5	64QAM	12	0	21.14	21.10	21.03
5	64QAM	12	7	21.18	21.10	21.06
5	64QAM	12	13	21.08	21.08	21.07
5	64QAM	25	0	21.06	21.04	21.08
5	256QAM	1	0	19.67	19.55	19.62
5	256QAM	1	12	19.63	19.43	19.59
5	256QAM	1	24	19.66	19.50	19.69
5	256QAM	12	0	19.65	19.42	19.56
5	256QAM	12	7	19.73	19.45	19.61
5	256QAM	12	13	19.52	19.42	19.58
5	256QAM	25	0	19.60	19.35	19.54
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	24.16	24.13	24.05
3	QPSK	1	8	24.02	24.06	24.02
3	QPSK	1	14	24.03	24.07	24.03
3	QPSK	8	0	23.07	23.14	23.04
3	QPSK	8	4	23.06	23.10	23.00
3	QPSK	8	7	23.14	23.04	23.02
3	QPSK	15	0	23.07	23.01	23.05
3	16QAM	1	0	23.57	23.51	23.49
3	16QAM	1	8	23.32	23.31	23.29
3	16QAM	1	14	23.41	23.42	23.27
3	16QAM	8	0	22.16	22.17	22.05
3	16QAM	8	4	22.17	22.11	22.05
3	16QAM	8	7	22.00	22.05	22.02
3	16QAM	15	0	22.01	22.05	22.03
3	64QAM	1	0	22.37	22.26	22.32
3	64QAM	1	8	22.34	22.28	22.20
3	64QAM	1	14	22.20	22.05	22.14
3	64QAM	8	0	21.14	21.15	21.10
3	64QAM	8	4	21.27	21.12	21.08
3	64QAM	8	7	21.10	21.04	21.06
3	64QAM	15	0	21.09	21.08	21.06
3	256QAM	1	0	19.72	19.50	19.70
3	256QAM	1	8	19.63	19.47	19.59
3	256QAM	1	14	19.67	19.43	19.68
3	256QAM	8	0	19.68	19.48	19.58
3	256QAM	8	4	19.74	19.42	19.57
3	256QAM	8	7	19.53	19.44	19.55
3	256QAM	15	0	19.60	19.40	19.56
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	24.20	24.03	24.04
1.4	QPSK	1	3	24.06	24.01	24.01
1.4	QPSK	1	5	24.01	24.08	24.08
1.4	QPSK	3	0	24.13	24.02	24.05

1.4	QPSK	3	1	24.02	24.00	24.09
1.4	QPSK	3	3	24.03	24.09	24.09
1.4	QPSK	6	0	23.03	23.09	23.00
1.4	16QAM	1	0	23.52	23.45	23.43
1.4	16QAM	1	3	23.31	23.36	23.27
1.4	16QAM	1	5	23.46	23.45	23.38
1.4	16QAM	3	0	23.40	23.36	23.33
1.4	16QAM	3	1	23.26	23.34	23.18
1.4	16QAM	3	3	23.34	23.39	23.31
1.4	16QAM	6	0	22.08	22.03	22.06
1.4	64QAM	1	0	22.45	22.34	22.28
1.4	64QAM	1	3	22.32	22.30	22.28
1.4	64QAM	1	5	22.18	22.07	22.05
1.4	64QAM	3	0	22.41	22.25	22.19
1.4	64QAM	3	1	22.28	22.20	22.27
1.4	64QAM	3	3	22.10	22.01	22.08
1.4	64QAM	6	0	21.05	21.02	21.03
1.4	256QAM	1	0	19.74	19.45	19.69
1.4	256QAM	1	3	19.69	19.42	19.65
1.4	256QAM	1	5	19.64	19.40	19.70
1.4	256QAM	3	0	19.66	19.47	19.66
1.4	256QAM	3	1	19.74	19.46	19.62
1.4	256QAM	3	3	19.54	19.41	19.53
1.4	256QAM	6	0	19.68	19.37	19.57

LTE Band 25 <Ant.1>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				26140	26340	26590
Frequency (MHz)				1860	1880	1905
20	QPSK	1	0	24.89	25.13	24.91
20	QPSK	1	49	24.84	24.96	24.96
20	QPSK	1	99	24.77	24.85	24.85
20	QPSK	50	0	23.92	24.03	23.98
20	QPSK	50	24	23.97	23.98	24.01
20	QPSK	50	50	23.90	24.01	23.99
20	QPSK	100	0	23.93	24.05	24.01
20	16QAM	1	0	23.81	23.88	23.96
20	16QAM	1	49	23.85	23.86	23.91
20	16QAM	1	99	23.88	23.92	23.88
20	16QAM	50	0	22.90	22.99	23.00
20	16QAM	50	24	22.98	22.98	23.07
20	16QAM	50	50	22.93	23.00	23.00
20	16QAM	100	0	22.93	22.95	23.06
20	64QAM	1	0	23.05	23.09	23.23
20	64QAM	1	49	23.09	23.23	23.19
20	64QAM	1	99	22.92	23.09	23.02
20	64QAM	50	0	21.90	21.98	21.99
20	64QAM	50	24	21.97	22.00	22.06
20	64QAM	50	50	21.91	22.00	22.02
20	64QAM	100	0	21.97	21.94	22.06
20	256QAM	1	0	19.95	20.03	19.87
20	256QAM	1	49	19.85	20.02	19.84
20	256QAM	1	99	19.90	19.99	19.77
20	256QAM	50	0	19.85	19.99	19.76
20	256QAM	50	24	19.87	20.02	19.83
20	256QAM	50	50	19.81	19.99	19.82
20	256QAM	100	0	19.80	19.96	19.70
Channel				26115	26340	26615
Frequency (MHz)				1857.5	1880	1907.5
15	QPSK	1	0	24.85	25.02	24.83
15	QPSK	1	37	24.76	24.90	24.85
15	QPSK	1	74	24.70	24.78	24.82
15	QPSK	36	0	23.83	23.92	23.95
15	QPSK	36	20	23.87	23.94	23.95
15	QPSK	36	39	23.79	23.92	23.96
15	QPSK	75	0	23.87	23.93	23.98
15	16QAM	1	0	23.71	23.84	23.95
15	16QAM	1	37	23.73	23.85	23.88
15	16QAM	1	74	23.77	23.91	23.81
15	16QAM	36	0	22.79	22.96	22.99
15	16QAM	36	20	22.88	22.90	22.99
15	16QAM	36	39	22.88	22.98	22.94
15	16QAM	75	0	22.89	22.93	23.03

15	64QAM	1	0	23.02	23.00	23.18
15	64QAM	1	37	23.05	23.21	23.16
15	64QAM	1	74	22.89	23.05	22.94
15	64QAM	36	0	21.83	21.96	21.95
15	64QAM	36	20	21.94	21.91	22.02
15	64QAM	36	39	21.81	21.93	21.99
15	64QAM	75	0	21.91	21.93	21.97
15	256QAM	1	0	19.88	19.93	19.77
15	256QAM	1	37	19.84	19.96	19.76
15	256QAM	1	74	19.83	19.92	19.72
15	256QAM	36	0	19.82	19.87	19.64
15	256QAM	36	20	19.83	20.00	19.79
15	256QAM	36	39	19.69	19.90	19.72
15	256QAM	75	0	19.75	19.87	19.63
Channel				26090	26340	26640
Frequency (MHz)				1855	1880	1910
10	QPSK	1	0	24.78	25.10	24.79
10	QPSK	1	25	24.79	24.95	24.86
10	QPSK	1	49	24.76	24.75	24.77
10	QPSK	25	0	23.89	23.92	23.94
10	QPSK	25	12	23.89	23.97	23.96
10	QPSK	25	25	23.89	23.96	23.87
10	QPSK	50	0	23.84	23.99	23.93
10	16QAM	1	0	23.79	23.86	23.91
10	16QAM	1	25	23.82	23.83	23.86
10	16QAM	1	49	23.78	23.84	23.87
10	16QAM	25	0	22.83	22.93	22.96
10	16QAM	25	12	22.96	22.89	22.99
10	16QAM	25	25	22.88	22.95	22.92
10	16QAM	50	0	22.85	22.83	22.95
10	64QAM	1	0	22.99	23.08	23.16
10	64QAM	1	25	23.07	23.19	23.12
10	64QAM	1	49	22.86	23.05	22.95
10	64QAM	25	0	21.89	21.93	21.91
10	64QAM	25	12	21.94	21.97	21.96
10	64QAM	25	25	21.79	21.89	21.97
10	64QAM	50	0	21.91	21.87	21.95
10	256QAM	1	0	19.89	19.99	19.86
10	256QAM	1	25	19.80	19.95	19.75
10	256QAM	1	49	19.80	19.98	19.71
10	256QAM	25	0	19.82	19.96	19.74
10	256QAM	25	12	19.77	19.90	19.73
10	256QAM	25	25	19.74	19.97	19.76
10	256QAM	50	0	19.73	19.85	19.66
Channel				26065	26340	26665
Frequency (MHz)				1852.5	1880	1912.5
5	QPSK	1	0	24.79	25.08	24.84
5	QPSK	1	12	24.72	24.89	24.91
5	QPSK	1	24	24.71	24.81	24.82
5	QPSK	12	0	23.88	23.96	23.88

5	QPSK	12	7	23.86	23.94	23.99
5	QPSK	12	13	23.86	23.95	23.91
5	QPSK	25	0	23.90	24.03	23.99
5	16QAM	1	0	23.71	23.84	23.91
5	16QAM	1	12	23.73	23.77	23.79
5	16QAM	1	24	23.82	23.83	23.77
5	16QAM	12	0	22.84	22.96	22.94
5	16QAM	12	7	22.87	22.95	23.04
5	16QAM	12	13	22.90	22.89	22.95
5	16QAM	25	0	22.83	22.89	22.97
5	64QAM	1	0	22.97	23.02	23.14
5	64QAM	1	12	23.05	23.16	23.12
5	64QAM	1	24	22.80	23.08	22.92
5	64QAM	12	0	21.89	21.94	21.87
5	64QAM	12	7	21.95	21.90	21.99
5	64QAM	12	13	21.83	21.88	21.90
5	64QAM	25	0	21.93	21.83	22.02
5	256QAM	1	0	19.92	19.97	19.80
5	256QAM	1	12	19.83	19.91	19.83
5	256QAM	1	24	19.82	19.98	19.73
5	256QAM	12	0	19.83	19.93	19.70
5	256QAM	12	7	19.77	20.00	19.72
5	256QAM	12	13	19.79	19.93	19.78
5	256QAM	25	0	19.79	19.92	19.69
Channel				26055	26340	26675
Frequency (MHz)				1851.5	1880	1913.5
3	QPSK	1	0	24.78	25.05	24.80
3	QPSK	1	8	24.82	24.92	24.89
3	QPSK	1	14	24.74	24.76	24.74
3	QPSK	8	0	23.90	24.00	23.90
3	QPSK	8	4	23.92	23.94	23.89
3	QPSK	8	7	23.80	23.94	23.98
3	QPSK	15	0	23.84	23.97	24.00
3	16QAM	1	0	23.71	23.80	23.95
3	16QAM	1	8	23.82	23.75	23.86
3	16QAM	1	14	23.81	23.84	23.87
3	16QAM	8	0	22.86	22.87	22.92
3	16QAM	8	4	22.92	22.86	23.00
3	16QAM	8	7	22.85	22.91	22.95
3	16QAM	15	0	22.82	22.91	22.94
3	64QAM	1	0	22.93	23.07	23.12
3	64QAM	1	8	23.05	23.21	23.14
3	64QAM	1	14	22.85	23.04	22.92
3	64QAM	8	0	21.79	21.97	21.93
3	64QAM	8	4	21.96	21.90	22.04
3	64QAM	8	7	21.83	21.91	21.96
3	64QAM	15	0	21.88	21.90	21.95
3	256QAM	1	0	19.92	20.00	19.79
3	256QAM	1	8	19.80	19.98	19.73
3	256QAM	1	14	19.83	19.88	19.76

3	256QAM	8	0	19.79	19.88	19.70
3	256QAM	8	4	19.82	20.00	19.72
3	256QAM	8	7	19.72	19.96	19.77
3	256QAM	15	0	19.77	19.93	19.69
Channel				26047	26340	26683
Frequency (MHz)				1850.7	1880	1914.3
1.4	QPSK	1	0	24.80	25.04	24.82
1.4	QPSK	1	3	24.78	24.84	24.84
1.4	QPSK	1	5	24.72	24.80	24.83
1.4	QPSK	3	0	24.70	24.92	24.74
1.4	QPSK	3	1	24.69	24.77	24.76
1.4	QPSK	3	3	24.71	24.72	24.82
1.4	QPSK	6	0	23.82	23.97	23.99
1.4	16QAM	1	0	23.71	23.86	23.93
1.4	16QAM	1	3	23.84	23.80	23.82
1.4	16QAM	1	5	23.86	23.91	23.81
1.4	16QAM	3	0	23.64	23.74	23.84
1.4	16QAM	3	1	23.79	23.76	23.80
1.4	16QAM	3	3	23.82	23.85	23.72
1.4	16QAM	6	0	22.92	22.84	22.95
1.4	64QAM	1	0	22.96	23.01	23.17
1.4	64QAM	1	3	23.01	23.12	23.14
1.4	64QAM	1	5	22.88	22.97	22.91
1.4	64QAM	3	0	22.91	22.98	23.07
1.4	64QAM	3	1	22.93	23.08	23.10
1.4	64QAM	3	3	22.81	22.88	22.88
1.4	64QAM	6	0	21.88	21.93	21.99
1.4	256QAM	1	0	19.93	19.97	19.79
1.4	256QAM	1	3	19.83	19.93	19.73
1.4	256QAM	1	5	19.89	19.98	19.67
1.4	256QAM	3	0	19.82	19.88	19.75
1.4	256QAM	3	1	19.75	19.99	19.74
1.4	256QAM	3	3	19.74	19.96	19.76
1.4	256QAM	6	0	19.72	19.88	19.66

LTE Band 26 <Ant.0>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	24.15	24.30	24.21
15	QPSK	1	37	24.06	24.28	24.17
15	QPSK	1	74	24.02	24.21	24.14
15	QPSK	36	0	23.22	23.32	23.24
15	QPSK	36	20	23.15	23.24	23.18
15	QPSK	36	39	23.20	23.26	23.30
15	QPSK	75	0	23.07	23.27	23.19
15	16QAM	1	0	23.40	23.51	23.46
15	16QAM	1	37	23.41	23.53	23.50
15	16QAM	1	74	23.35	23.50	23.47
15	16QAM	36	0	22.07	22.28	22.16
15	16QAM	36	20	22.20	22.28	22.22
15	16QAM	36	39	22.16	22.32	22.20
15	16QAM	75	0	22.19	22.26	22.24
15	16QAM	1	0	22.30	22.51	22.41
15	16QAM	1	37	22.36	22.48	22.40
15	16QAM	1	74	22.14	22.33	22.21
15	16QAM	36	0	21.14	21.26	21.16
15	16QAM	36	20	21.16	21.25	21.21
15	16QAM	36	39	21.17	21.33	21.23
15	16QAM	75	0	21.14	21.26	21.18
15	16QAM	1	0	19.34	19.57	19.42
15	16QAM	1	37	19.33	19.50	19.31
15	16QAM	1	74	19.32	19.45	19.40
15	16QAM	36	0	19.31	19.50	19.41
15	16QAM	36	20	19.28	19.45	19.38
15	16QAM	36	39	19.27	19.49	19.25
15	16QAM	75	0	19.31	19.38	19.37
Channel				26840	26915	26990
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	24.06	24.22	24.19
10	QPSK	1	25	24.02	24.26	24.15
10	QPSK	1	49	24.05	24.13	24.11
10	QPSK	25	0	23.10	23.23	23.15
10	QPSK	25	12	23.03	23.18	23.13
10	QPSK	25	25	23.12	23.25	23.26
10	QPSK	50	0	23.01	23.17	23.08
10	16QAM	1	0	23.35	23.42	23.44
10	16QAM	1	25	23.40	23.42	23.42
10	16QAM	1	49	23.32	23.39	23.38
10	16QAM	25	0	22.00	22.18	22.06
10	16QAM	25	12	22.18	22.24	22.20
10	16QAM	25	25	22.04	22.30	22.13
10	16QAM	50	0	22.15	22.18	22.19

10	16QAM	1	0	22.23	22.43	22.33
10	16QAM	1	25	22.26	22.40	22.37
10	16QAM	1	49	22.10	22.30	22.20
10	16QAM	25	0	21.05	21.20	21.12
10	16QAM	25	12	21.12	21.15	21.17
10	16QAM	25	25	21.13	21.30	21.17
10	16QAM	50	0	21.04	21.21	21.09
10	16QAM	1	0	19.27	19.55	19.32
10	16QAM	1	25	19.30	19.44	19.23
10	16QAM	1	49	19.22	19.44	19.38
10	16QAM	25	0	19.20	19.40	19.29
10	16QAM	25	12	19.19	19.40	19.34
10	16QAM	25	25	19.22	19.43	19.17
10	16QAM	50	0	19.28	19.32	19.28
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	24.03	24.19	24.15
5	QPSK	1	12	24.01	24.17	24.05
5	QPSK	1	24	24.01	24.12	24.12
5	QPSK	12	0	23.12	23.22	23.13
5	QPSK	12	7	23.09	23.18	23.16
5	QPSK	12	13	23.13	23.19	23.20
5	QPSK	25	0	23.00	23.16	23.08
5	16QAM	1	0	23.31	23.44	23.44
5	16QAM	1	12	23.30	23.46	23.42
5	16QAM	1	24	23.29	23.38	23.43
5	16QAM	12	0	22.00	22.23	22.13
5	16QAM	12	7	22.12	22.16	22.10
5	16QAM	12	13	22.13	22.28	22.12
5	16QAM	25	0	22.08	22.25	22.19
5	16QAM	1	0	22.26	22.48	22.40
5	16QAM	1	12	22.31	22.46	22.39
5	16QAM	1	24	22.03	22.31	22.19
5	16QAM	12	0	21.04	21.20	21.13
5	16QAM	12	7	21.06	21.22	21.11
5	16QAM	12	13	21.05	21.27	21.14
5	16QAM	25	0	21.12	21.19	21.11
5	16QAM	1	0	19.32	19.48	19.32
5	16QAM	1	12	19.24	19.38	19.25
5	16QAM	1	24	19.31	19.41	19.38
5	16QAM	12	0	19.29	19.41	19.31
5	16QAM	12	7	19.27	19.35	19.28
5	16QAM	12	13	19.20	19.42	19.18
5	16QAM	25	0	19.26	19.30	19.34
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	24.09	24.23	24.16
3	QPSK	1	8	24.00	24.18	24.13
3	QPSK	1	14	24.01	24.16	24.09
3	QPSK	8	0	23.19	23.24	23.18

3	QPSK	8	4	23.10	23.15	23.11
3	QPSK	8	7	23.17	23.15	23.27
3	QPSK	15	0	23.06	23.20	23.09
3	16QAM	1	0	23.33	23.48	23.44
3	16QAM	1	8	23.35	23.43	23.40
3	16QAM	1	14	23.23	23.49	23.35
3	16QAM	8	0	22.01	22.26	22.15
3	16QAM	8	4	22.18	22.18	22.15
3	16QAM	8	7	22.10	22.27	22.19
3	16QAM	15	0	22.18	22.17	22.13
3	16QAM	1	0	22.23	22.47	22.36
3	16QAM	1	8	22.33	22.41	22.35
3	16QAM	1	14	22.04	22.27	22.20
3	16QAM	8	0	21.13	21.16	21.09
3	16QAM	8	4	21.12	21.19	21.17
3	16QAM	8	7	21.11	21.28	21.15
3	16QAM	15	0	21.07	21.24	21.15
3	16QAM	1	0	19.28	19.49	19.38
3	16QAM	1	8	19.31	19.48	19.30
3	16QAM	1	14	19.21	19.42	19.38
3	16QAM	8	0	19.28	19.39	19.36
3	16QAM	8	4	19.23	19.35	19.30
3	16QAM	8	7	19.16	19.37	19.18
3	16QAM	15	0	19.30	19.37	19.33
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	24.05	24.20	24.14
1.4	QPSK	1	3	24.07	24.23	24.12
1.4	QPSK	1	5	24.01	24.18	24.07
1.4	QPSK	3	0	24.01	24.08	24.08
1.4	QPSK	3	1	24.06	24.20	24.08
1.4	QPSK	3	3	24.11	24.08	24.02
1.4	QPSK	6	0	23.06	23.16	23.17
1.4	16QAM	1	0	23.31	23.47	23.44
1.4	16QAM	1	3	23.39	23.49	23.38
1.4	16QAM	1	5	23.23	23.39	23.45
1.4	16QAM	3	0	23.26	23.41	23.35
1.4	16QAM	3	1	23.35	23.44	23.36
1.4	16QAM	3	3	23.13	23.35	23.43
1.4	16QAM	6	0	22.15	22.15	22.12
1.4	16QAM	1	0	22.24	22.50	22.35
1.4	16QAM	1	3	22.25	22.46	22.32
1.4	16QAM	1	5	22.04	22.21	22.12
1.4	16QAM	3	0	22.14	22.42	22.26
1.4	16QAM	3	1	22.15	22.35	22.28
1.4	16QAM	3	3	22.00	22.10	22.09
1.4	16QAM	6	0	21.07	21.25	21.12
1.4	16QAM	1	0	19.32	19.54	19.35
1.4	16QAM	1	3	19.32	19.46	19.26
1.4	16QAM	1	5	19.20	19.33	19.35

1.4	16QAM	3	0	19.24	19.40	19.38
1.4	16QAM	3	1	19.20	19.42	19.31
1.4	16QAM	3	3	19.22	19.41	19.23
1.4	16QAM	6	0	19.29	19.27	19.36

LTE Band 66 <Ant.1>:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	24.98	25.01	24.87
20	QPSK	1	49	24.82	24.85	24.75
20	QPSK	1	99	24.84	24.88	24.72
20	QPSK	50	0	23.96	24.00	23.88
20	QPSK	50	24	23.75	23.87	23.73
20	QPSK	50	50	23.91	23.95	23.83
20	QPSK	100	0	23.83	23.95	23.82
20	16QAM	1	0	24.06	24.09	23.96
20	16QAM	1	49	24.00	24.07	23.94
20	16QAM	1	99	24.06	24.12	24.00
20	16QAM	50	0	22.99	23.00	22.91
20	16QAM	50	24	22.98	23.02	22.86
20	16QAM	50	50	22.91	22.98	22.80
20	16QAM	100	0	22.93	23.04	22.83
20	64QAM	1	0	23.11	23.21	23.04
20	64QAM	1	49	23.02	23.14	22.94
20	64QAM	1	99	22.98	23.08	22.94
20	64QAM	50	0	21.96	22.00	21.91
20	64QAM	50	24	21.94	22.05	21.93
20	64QAM	50	50	21.85	21.87	21.83
20	64QAM	100	0	21.90	22.02	21.87
20	256QAM	1	0	19.96	20.01	19.87
20	256QAM	1	49	20.10	20.17	20.06
20	256QAM	1	99	20.06	20.16	20.01
20	256QAM	50	0	19.88	19.91	19.85
20	256QAM	50	24	19.94	19.95	19.83
20	256QAM	50	50	19.80	19.83	19.74
20	256QAM	100	0	19.97	20.01	19.91
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	24.89	24.89	24.85
15	QPSK	1	37	24.76	24.78	24.68
15	QPSK	1	74	24.82	24.80	24.70
15	QPSK	36	0	23.89	23.97	23.86
15	QPSK	36	20	23.64	23.81	23.62
15	QPSK	36	39	23.79	23.84	23.80
15	QPSK	75	0	23.77	23.85	23.70
15	16QAM	1	0	24.05	24.03	23.95

15	16QAM	1	37	23.88	23.98	23.91
15	16QAM	1	74	23.99	24.07	23.92
15	16QAM	36	0	22.97	22.93	22.90
15	16QAM	36	20	22.90	22.97	22.82
15	16QAM	36	39	22.88	22.94	22.70
15	16QAM	75	0	22.88	22.92	22.71
15	64QAM	1	0	23.05	23.12	23.03
15	64QAM	1	37	22.96	23.09	22.82
15	64QAM	1	74	22.92	23.07	22.91
15	64QAM	36	0	21.93	21.99	21.81
15	64QAM	36	20	21.91	22.02	21.91
15	64QAM	36	39	21.84	21.83	21.76
15	64QAM	75	0	21.82	21.95	21.78
15	256QAM	1	0	19.89	19.97	19.86
15	256QAM	1	37	19.98	20.12	19.99
15	256QAM	1	74	20.03	20.15	19.98
15	256QAM	36	0	19.79	19.79	19.83
15	256QAM	36	20	19.87	19.90	19.71
15	256QAM	36	39	19.74	19.78	19.63
15	256QAM	75	0	19.88	19.98	19.85
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	24.93	24.97	24.81
10	QPSK	1	25	24.80	24.78	24.73
10	QPSK	1	49	24.78	24.84	24.65
10	QPSK	25	0	23.90	23.88	23.80
10	QPSK	25	12	23.65	23.82	23.66
10	QPSK	25	25	23.79	23.84	23.72
10	QPSK	50	0	23.77	23.86	23.76
10	16QAM	1	0	24.00	24.05	23.86
10	16QAM	1	25	23.88	24.04	23.87
10	16QAM	1	49	24.03	24.10	23.98
10	16QAM	25	0	22.87	22.91	22.82
10	16QAM	25	12	22.92	22.94	22.79
10	16QAM	25	25	22.81	22.90	22.76
10	16QAM	50	0	22.91	23.03	22.79
10	64QAM	1	0	23.06	23.10	22.99
10	64QAM	1	25	22.92	23.07	22.82
10	64QAM	1	49	22.94	23.00	22.90
10	64QAM	25	0	21.93	21.89	21.82
10	64QAM	25	12	21.82	21.99	21.82
10	64QAM	25	25	21.73	21.76	21.75
10	64QAM	50	0	21.86	21.99	21.78
10	256QAM	1	0	19.89	19.90	19.84
10	256QAM	1	25	20.08	20.16	19.97
10	256QAM	1	49	19.96	20.15	19.95
10	256QAM	25	0	19.87	19.79	19.77
10	256QAM	25	12	19.89	19.85	19.74
10	256QAM	25	25	19.77	19.71	19.72
10	256QAM	50	0	19.85	20.00	19.80

Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	24.92	24.94	24.86
5	QPSK	1	12	24.71	24.84	24.68
5	QPSK	1	24	24.78	24.76	24.64
5	QPSK	12	0	23.90	23.89	23.84
5	QPSK	12	7	23.67	23.86	23.66
5	QPSK	12	13	23.79	23.90	23.77
5	QPSK	25	0	23.73	23.88	23.79
5	16QAM	1	0	23.97	24.07	23.92
5	16QAM	1	12	23.89	23.98	23.82
5	16QAM	1	24	24.04	24.05	23.91
5	16QAM	12	0	22.96	22.90	22.80
5	16QAM	12	7	22.87	22.90	22.76
5	16QAM	12	13	22.81	22.92	22.76
5	16QAM	25	0	22.86	22.95	22.78
5	64QAM	1	0	23.02	23.19	22.98
5	64QAM	1	12	23.01	23.04	22.87
5	64QAM	1	24	22.94	22.98	22.84
5	64QAM	12	0	21.93	21.96	21.85
5	64QAM	12	7	21.86	21.98	21.81
5	64QAM	12	13	21.78	21.77	21.74
5	64QAM	25	0	21.82	21.98	21.84
5	256QAM	1	0	19.85	19.95	19.80
5	256QAM	1	12	20.01	20.10	20.05
5	256QAM	1	24	20.00	20.15	19.99
5	256QAM	12	0	19.77	19.85	19.74
5	256QAM	12	7	19.82	19.92	19.78
5	256QAM	12	13	19.79	19.74	19.62
5	256QAM	25	0	19.90	19.95	19.80
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	24.90	24.99	24.84
3	QPSK	1	8	24.77	24.74	24.71
3	QPSK	1	14	24.81	24.78	24.70
3	QPSK	8	0	23.89	23.98	23.76
3	QPSK	8	4	23.67	23.75	23.62
3	QPSK	8	7	23.84	23.93	23.78
3	QPSK	15	0	23.71	23.92	23.76
3	16QAM	1	0	24.03	24.08	23.86
3	16QAM	1	8	23.95	24.06	23.85
3	16QAM	1	14	24.02	24.04	23.88
3	16QAM	8	0	22.97	22.88	22.85
3	16QAM	8	4	22.96	22.99	22.75
3	16QAM	8	7	22.82	22.94	22.79
3	16QAM	15	0	22.84	22.94	22.82
3	64QAM	1	0	23.09	23.09	22.96
3	64QAM	1	8	22.95	23.13	22.84
3	64QAM	1	14	22.95	23.07	22.83
3	64QAM	8	0	21.89	21.99	21.80

3	64QAM	8	4	21.87	21.97	21.81
3	64QAM	8	7	21.74	21.84	21.73
3	64QAM	15	0	21.78	21.99	21.82
3	256QAM	1	0	19.85	19.90	19.75
3	256QAM	1	8	20.02	20.09	20.00
3	256QAM	1	14	19.97	20.08	20.00
3	256QAM	8	0	19.87	19.86	19.80
3	256QAM	8	4	19.83	19.93	19.78
3	256QAM	8	7	19.71	19.77	19.67
3	256QAM	15	0	19.85	19.98	19.80
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	24.96	24.99	24.80
1.4	QPSK	1	3	24.75	24.84	24.69
1.4	QPSK	1	5	24.77	24.76	24.68
1.4	QPSK	3	0	24.85	24.88	24.77
1.4	QPSK	3	1	24.66	24.79	24.58
1.4	QPSK	3	3	24.74	24.65	24.63
1.4	QPSK	6	0	23.80	23.86	23.80
1.4	16QAM	1	0	24.03	24.03	23.95
1.4	16QAM	1	3	23.89	24.01	23.93
1.4	16QAM	1	5	23.94	24.04	23.96
1.4	16QAM	3	0	23.96	23.93	23.84
1.4	16QAM	3	1	23.84	24.00	23.88
1.4	16QAM	3	3	23.90	23.93	23.86
1.4	16QAM	6	0	22.81	22.96	22.73
1.4	64QAM	1	0	23.01	23.19	23.01
1.4	64QAM	1	3	22.98	23.13	22.85
1.4	64QAM	1	5	22.95	23.02	22.91
1.4	64QAM	3	0	22.97	23.17	22.90
1.4	64QAM	3	1	22.89	23.02	22.83
1.4	64QAM	3	3	22.93	22.94	22.88
1.4	64QAM	6	0	21.86	21.99	21.75
1.4	256QAM	1	0	19.90	20.00	19.83
1.4	256QAM	1	3	19.99	20.14	20.03
1.4	256QAM	1	5	20.04	20.06	19.99
1.4	256QAM	3	0	19.78	19.82	19.82
1.4	256QAM	3	1	19.90	19.87	19.72
1.4	256QAM	3	3	19.69	19.79	19.63
1.4	256QAM	6	0	19.92	19.99	19.87

ERP/EIRP

LTE Band 25 (GT - LC = -0.14 dB) QPSK / Ant.1									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
Conducted Power (dBm)	24.80	25.04	24.82	24.78	25.05	24.80	24.79	25.08	24.84
Conducted Power (Watts)	0.3020	0.3192	0.3034	0.3006	0.3199	0.3020	0.3013	0.3221	0.3048
EIRP(dBm)	24.66	24.90	24.68	24.64	24.91	24.66	24.65	24.94	24.70
EIRP(Watts)	0.2924	0.3090	0.2938	0.2911	0.3097	0.2924	0.2917	0.3119	0.2951

LTE Band 25 (GT - LC = -0.14 dB) QPSK / Ant.1									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
Conducted Power (dBm)	24.78	25.10	24.79	24.85	25.02	24.83	24.89	25.13	24.91
Conducted Power (Watts)	0.3006	0.3236	0.3013	0.3055	0.3177	0.3041	0.3083	0.3258	0.3097
EIRP(dBm)	24.64	24.96	24.65	24.71	24.88	24.69	24.75	24.99	24.77
EIRP(Watts)	0.2911	0.3133	0.2917	0.2958	0.3076	0.2944	0.2985	0.3155	0.2999

LTE Band 25 (GT - LC = -0.14 dB) 16QAM / Ant.1									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26407**	**26340**	**26683**	**26055**	**26340**	**26675**	**26065**	**26340**	**26665**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1850.7**	**1880**	**1914.3**	**1851.5**	**1880**	**1913.5**	**1852.5**	**1880**	**1912.5**
Conducted Power (dBm)	22.96	23.01	23.17	23.71	23.80	23.95	23.71	23.84	23.91
Conducted Power (Watts)	0.1977	0.2000	0.2075	0.2350	0.2399	0.2483	0.2350	0.2421	0.2460
EIRP(dBm)	22.82	22.87	23.03	23.57	23.66	23.81	23.57	23.70	23.77
EIRP(Watts)	0.1914	0.1936	0.2009	0.2275	0.2323	0.2404	0.2275	0.2344	0.2382

LTE Band 25 (GT - LC = -0.14 dB) 16QAM / Ant.1									
Bandwidth	**10M**			**15M**			**20M**		
Channel	**26090**	**26340**	**26640**	**26115**	**26340**	**26615**	**26140**	**26340**	**26590**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1855**	**1880**	**1910**	**1857.5**	**1880**	**1907.5**	**1860**	**1880**	**1905**
Conducted Power (dBm)	23.79	23.86	23.91	23.71	23.84	23.95	23.81	23.88	23.96
Conducted Power (Watts)	0.2393	0.2432	0.2460	0.2350	0.2421	0.2483	0.2404	0.2443	0.2489
EIRP(dBm)	23.65	23.72	23.77	23.57	23.70	23.81	23.67	23.74	23.82
EIRP(Watts)	0.2317	0.2355	0.2382	0.2275	0.2344	0.2404	0.2328	0.2366	0.2410

LTE Band 25 (GT - LC = -0.14 dB) 64QAM / Ant.1									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26407**	**26340**	**26683**	**26055**	**26340**	**26675**	**26065**	**26340**	**26665**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1850.7**	**1880**	**1914.3**	**1851.5**	**1880**	**1913.5**	**1852.5**	**1880**	**1912.5**
Conducted Power (dBm)	22.96	23.01	23.17	23.05	23.21	23.14	23.05	23.16	23.12
Conducted Power (Watts)	0.1977	0.2000	0.2075	0.2018	0.2094	0.2061	0.2018	0.2070	0.2051
EIRP(dBm)	22.82	22.87	23.03	22.91	23.07	23.00	22.91	23.02	22.98
EIRP(Watts)	0.1914	0.1936	0.2009	0.1954	0.2028	0.1995	0.1954	0.2004	0.1986

LTE Band 25 (GT - LC = -0.14 dB) 64QAM / Ant.1									
Bandwidth	**10M**			**15M**			**20M**		
Channel	**26090**	**26340**	**26640**	**26115**	**26340**	**26615**	**26140**	**26340**	**26590**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1855**	**1880**	**1910**	**1857.5**	**1880**	**1907.5**	**1860**	**1880**	**1905**
Conducted Power (dBm)	23.07	23.19	23.12	23.05	23.21	23.16	23.09	23.23	23.19
Conducted Power (Watts)	0.2028	0.2084	0.2051	0.2018	0.2094	0.2070	0.2037	0.2104	0.2084
EIRP(dBm)	22.93	23.05	22.98	22.91	23.07	23.02	22.95	23.09	23.05
EIRP(Watts)	0.1963	0.2018	0.1986	0.1954	0.2028	0.2004	0.1972	0.2037	0.2018

LTE Band 25 (GT - LC = -0.14 dB) 256QAM / Ant.1									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26407**	**26340**	**26683**	**26055**	**26340**	**26675**	**26065**	**26340**	**26665**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1850.7**	**1880**	**1914.3**	**1851.5**	**1880**	**1913.5**	**1852.5**	**1880**	**1912.5**
Conducted Power (dBm)	19.75	19.99	19.74	19.92	20.00	19.79	19.77	20.00	19.72
Conducted Power (Watts)	0.0944	0.0998	0.0942	0.0982	0.1000	0.0953	0.0948	0.1000	0.0938
EIRP(dBm)	19.61	19.85	19.60	19.78	19.86	19.65	19.63	19.86	19.58
EIRP(Watts)	0.0914	0.0966	0.0912	0.0951	0.0968	0.0923	0.0918	0.0968	0.0908

LTE Band 25 (GT - LC = -0.14 dB) 256QAM / Ant.1									
Bandwidth	**10M**			**15M**			**20M**		
Channel	**26090**	**26340**	**26640**	**26115**	**26340**	**26615**	**26140**	**26340**	**26590**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1855**	**1880**	**1910**	**1857.5**	**1880**	**1907.5**	**1860**	**1880**	**1905**
Conducted Power (dBm)	19.89	19.99	19.86	19.83	20.00	19.79	19.95	20.03	19.87
Conducted Power (Watts)	0.0975	0.0998	0.0968	0.0962	0.1000	0.0953	0.0989	0.1007	0.0971
EIRP(dBm)	19.75	19.85	19.72	19.69	19.86	19.65	19.81	19.89	19.73
EIRP(Watts)	0.0944	0.0966	0.0938	0.0931	0.0968	0.0923	0.0957	0.0975	0.0940

LTE Band 26 (GT - LC = -3.33 dB) QPSK / Ant.0									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26797**	**26915**	**27033**	**26805**	**26915**	**27025**	**26815**	**26915**	**27015**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**824.7**	**836.5**	**848.3**	**825.5**	**836.5**	**847.5**	**826.5**	**836.5**	**846.5**
Conducted Power (dBm)	24.07	24.23	24.12	24.09	24.23	24.16	24.03	24.19	24.15
Conducted Power (Watts)	0.2553	0.2649	0.2582	0.2564	0.2649	0.2606	0.2529	0.2624	0.2600
ERP(dBm)	18.59	18.75	18.64	18.61	18.75	18.68	18.55	18.71	18.67
ERP(Watts)	0.0723	0.0750	0.0731	0.0726	0.0750	0.0738	0.0716	0.0743	0.0736

LTE Band 26 (GT - LC = -3.33 dB) QPSK / Ant.0							
Bandwidth	**10M**			**15M**			**15M**
Channel	**26840**	**26915**	**26990**	**26865**	**26915**	**26965**	**26790**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**
Frequency (MHz)	**829**	**836.5**	**844**	**831.5**	**836.5**	**841.5**	**824**
Conducted Power (dBm)	24.02	24.26	24.15	24.15	24.30	24.21	24.01
Conducted Power (Watts)	0.2523	0.2667	0.2600	0.2600	0.2692	0.2636	0.2518
ERP(dBm)	18.54	18.78	18.67	18.67	18.82	18.73	18.53
ERP(Watts)	0.0714	0.0755	0.0736	0.0736	0.0762	0.0746	0.0713

LTE Band 26 (GT - LC = -3.33 dB) 16QAM / Ant.0									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26797**	**26915**	**27033**	**26805**	**26915**	**27025**	**26815**	**26915**	**27015**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**824.7**	**836.5**	**848.3**	**825.5**	**836.5**	**847.5**	**826.5**	**836.5**	**846.5**
Conducted Power (dBm)	23.39	23.49	23.38	23.23	23.49	23.35	23.30	23.46	23.42
Conducted Power (Watts)	0.2183	0.2234	0.2178	0.2104	0.2234	0.2163	0.2138	0.2218	0.2198
ERP(dBm)	17.91	18.01	17.90	17.75	18.01	17.87	17.82	17.98	17.94
ERP(Watts)	0.0618	0.0632	0.0617	0.0596	0.0632	0.0612	0.0605	0.0628	0.0622

LTE Band 26 (GT - LC = -3.33 dB) 16QAM / Ant.0							
Bandwidth	**10M**			**15M**			**15M**
Channel	**26840**	**26915**	**26990**	**26865**	**26915**	**26965**	**26790**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**
Frequency (MHz)	**829**	**836.5**	**844**	**831.5**	**836.5**	**841.5**	**824**
Conducted Power (dBm)	23.35	23.42	23.44	23.41	23.53	23.50	23.33
Conducted Power (Watts)	0.2163	0.2198	0.2208	0.2193	0.2254	0.2239	0.2153
ERP(dBm)	17.87	17.94	17.96	17.93	18.05	18.02	17.85
ERP(Watts)	0.0612	0.0622	0.0625	0.0621	0.0638	0.0634	0.0610

LTE Band 26 (GT - LC = -3.33 dB) 64QAM / Ant.0									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26797**	**26915**	**27033**	**26805**	**26915**	**27025**	**26815**	**26915**	**27015**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**824.7**	**836.5**	**848.3**	**825.5**	**836.5**	**847.5**	**826.5**	**836.5**	**846.5**
Conducted Power (dBm)	22.24	22.50	22.35	22.23	22.47	22.36	22.26	22.48	22.40
Conducted Power (Watts)	0.1675	0.1778	0.1718	0.1671	0.1766	0.1722	0.1683	0.1770	0.1738
ERP(dBm)	16.76	17.02	16.87	16.75	16.99	16.88	16.78	17.00	16.92
ERP(Watts)	0.0474	0.0504	0.0486	0.0473	0.0500	0.0488	0.0476	0.0501	0.0492

LTE Band 26 (GT - LC = -3.33 dB) 64QAM / Ant.0							
Bandwidth	**10M**			**15M**			**15M**
Channel	**26840**	**26915**	**26990**	**26865**	**26915**	**26965**	**26790**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**
Frequency (MHz)	**829**	**836.5**	**844**	**831.5**	**836.5**	**841.5**	**824**
Conducted Power (dBm)	22.23	22.43	22.33	22.30	22.51	22.41	22.28
Conducted Power (Watts)	0.1671	0.1750	0.1710	0.1698	0.1782	0.1742	0.1690
ERP(dBm)	16.75	16.95	16.85	16.82	17.03	16.93	16.80
ERP(Watts)	0.0473	0.0495	0.0484	0.0481	0.0505	0.0493	0.0479

LTE Band 26 (GT - LC = -3.33 dB) 256QAM / Ant.0									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**26797**	**26915**	**27033**	**26805**	**26915**	**27025**	**26815**	**26915**	**27015**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**824.7**	**836.5**	**848.3**	**825.5**	**836.5**	**847.5**	**826.5**	**836.5**	**846.5**
Conducted Power (dBm)	19.32	19.54	19.35	19.28	19.49	19.38	19.32	19.48	19.32
Conducted Power (Watts)	0.0855	0.0899	0.0861	0.0847	0.0889	0.0867	0.0855	0.0887	0.0855
ERP(dBm)	13.84	14.06	13.87	13.80	14.01	13.90	13.84	14.00	13.84
ERP(Watts)	0.0242	0.0255	0.0244	0.0240	0.0252	0.0245	0.0242	0.0251	0.0242

LTE Band 26 (GT - LC = -3.33 dB) 256QAM / Ant.0							
Bandwidth	**10M**			**15M**			**15M**
Channel	**26840**	**26915**	**26990**	**26865**	**26915**	**26965**	**26790**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**
Frequency (MHz)	**829**	**836.5**	**844**	**831.5**	**836.5**	**841.5**	**824**
Conducted Power (dBm)	19.27	19.55	19.32	19.34	19.57	19.42	19.32
Conducted Power (Watts)	0.0845	0.0902	0.0855	0.0859	0.0906	0.0875	0.0855
ERP(dBm)	13.79	14.07	13.84	13.86	14.09	13.94	13.84
ERP(Watts)	0.0239	0.0255	0.0242	0.0243	0.0256	0.0248	0.0242

LTE Band 66 (GT - LC = -1.11 dB) QPSK / Ant.1									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
Conducted Power (dBm)	24.96	24.99	24.80	24.90	24.99	24.84	24.92	24.94	24.86
Conducted Power (Watts)	0.3133	0.3155	0.3020	0.3090	0.3155	0.3048	0.3105	0.3119	0.3062
EIRP(dBm)	23.85	23.88	23.69	23.79	23.88	23.73	23.81	23.83	23.75
EIRP(Watts)	0.2427	0.2443	0.2339	0.2393	0.2443	0.2360	0.2404	0.2415	0.2371

LTE Band 66 (GT - LC = -1.11 dB) QPSK / Ant.1									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency (MHz)	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
Conducted Power (dBm)	24.93	24.97	24.81	24.89	24.89	24.85	24.98	25.01	24.87
Conducted Power (Watts)	0.3112	0.3141	0.3027	0.3083	0.3083	0.3055	0.3148	0.3170	0.3069
EIRP(dBm)	23.82	23.86	23.70	23.78	23.78	23.74	23.87	23.90	23.76
EIRP(Watts)	0.2410	0.2432	0.2344	0.2388	0.2388	0.2366	0.2438	0.2455	0.2377

LTE Band 66 (GT - LC = -1.11 dB) 16QAM / Ant.1									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
Conducted Power (dBm)	23.94	24.04	23.96	24.03	24.08	23.86	23.97	24.07	23.92
Conducted Power (Watts)	0.2477	0.2535	0.2489	0.2529	0.2559	0.2432	0.2495	0.2553	0.2466
EIRP(dBm)	22.83	22.93	22.85	22.92	22.97	22.75	22.86	22.96	22.81
EIRP(Watts)	0.1919	0.1963	0.1928	0.1959	0.1982	0.1884	0.1932	0.1977	0.1910

LTE Band 66 (GT - LC = -1.11 dB) 16QAM / Ant.1									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency (MHz)	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
Conducted Power (dBm)	24.03	24.10	23.98	23.99	24.07	23.92	24.06	24.12	24.00
Conducted Power (Watts)	0.2529	0.2570	0.2500	0.2506	0.2553	0.2466	0.2547	0.2582	0.2512
EIRP(dBm)	22.92	22.99	22.87	22.88	22.96	22.81	22.95	23.01	22.89
EIRP(Watts)	0.1959	0.1991	0.1936	0.1941	0.1977	0.1910	0.1972	0.2000	0.1945

LTE Band 66 (GT - LC = -1.11 dB) 64QAM / Ant.1									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
Conducted Power (dBm)	23.01	23.19	23.01	22.95	23.13	22.84	23.02	23.19	22.98
Conducted Power (Watts)	0.2000	0.2084	0.2000	0.1972	0.2056	0.1923	0.2004	0.2084	0.1986
EIRP(dBm)	21.90	22.08	21.90	21.84	22.02	21.73	21.91	22.08	21.87
EIRP(Watts)	0.1549	0.1614	0.1549	0.1528	0.1592	0.1489	0.1552	0.1614	0.1538

LTE Band 66 (GT - LC = -1.11 dB) 64QAM / Ant.1									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency (MHz)	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
Conducted Power (dBm)	23.06	23.10	22.99	23.05	23.12	23.03	23.11	23.21	23.04
Conducted Power (Watts)	0.2023	0.2042	0.1991	0.2018	0.2051	0.2009	0.2046	0.2094	0.2014
EIRP(dBm)	21.95	21.99	21.88	21.94	22.01	21.92	22.00	22.10	21.93
EIRP(Watts)	0.1567	0.1581	0.1542	0.1563	0.1589	0.1556	0.1585	0.1622	0.1560

LTE Band 66 (GT - LC = -1.11 dB) 256QAM / Ant.1									
Bandwidth	**1.4M**			**3M**			**5M**		
Channel	**131979**	**132322**	**132665**	**131987**	**132322**	**132657**	**131997**	**132322**	**132647**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**
Frequency (MHz)	**1710.7**	**1745**	**1779.3**	**1711.5**	**1745**	**1778.5**	**1712.5**	**1745**	**1777.5**
Conducted Power (dBm)	19.99	20.14	20.03	20.02	20.09	20.00	20.00	20.15	19.99
Conducted Power (Watts)	0.0998	0.1033	0.1007	0.1005	0.1021	0.1000	0.1000	0.1035	0.0998
EIRP(dBm)	18.88	19.03	18.92	18.91	18.98	18.89	18.89	19.04	18.88
EIRP(Watts)	0.0773	0.0800	0.0780	0.0778	0.0791	0.0774	0.0774	0.0802	0.0773

LTE Band 66 (GT - LC = -1.11 dB) 256QAM / Ant.1									
Bandwidth	**10M**			**15M**			**20M**		
Channel	**132022**	**132322**	**132622**	**132047**	**132322**	**132597**	**132072**	**132322**	**132572**
	(Low)	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(High)**	**(Low)**	**(Mid)**	**(Mid)**
Frequency (MHz)	**1715**	**1745**	**1775**	**1717.5**	**1745**	**1772.5**	**1720**	**1745**	**1770**
Conducted Power (dBm)	20.08	20.16	19.97	20.03	20.15	19.98	20.10	20.17	20.06
Conducted Power (Watts)	0.1019	0.1038	0.0993	0.1007	0.1035	0.0995	0.1023	0.1040	0.1014
EIRP(dBm)	18.97	19.05	18.86	18.92	19.04	18.87	18.99	19.06	18.95
EIRP(Watts)	0.0789	0.0804	0.0769	0.0780	0.0802	0.0771	0.0793	0.0805	0.0785

CA Conducted Output Power & ERP/EIRP

LTE Band CA_2C <Ant.1>:

Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18700	18898	QPSK	100	0	100	0	200	23.53	23.39	0.2183
			1	0	1	99	2	17.22	17.08	0.0511
			1	99	1	0	2	25.42	25.28	0.3373
		16QAM	100	0	100	0	200	22.59	22.45	0.1758
			1	0	1	99	2	17.41	17.27	0.0533
			1	99	1	0	2	24.89	24.75	0.2985
		64QAM	100	0	100	0	200	22.56	22.42	0.1746
			1	0	1	99	2	17.28	17.14	0.0518
			1	99	1	0	2	23.81	23.67	0.2328
		256QAM	100	0	100	0	200	20.65	20.51	0.1125
			1	0	1	99	2	17.32	17.18	0.0522
			1	99	1	0	2	20.76	20.62	0.1153
18801	18999	QPSK	100	0	100	0	200	23.56	23.42	0.2198
			1	0	1	99	2	17.15	17.01	0.0502
			1	99	1	0	2	25.49	25.35	0.3428
		16QAM	100	0	100	0	200	22.62	22.48	0.1770
			1	0	1	99	2	17.35	17.21	0.0526
			1	99	1	0	2	24.76	24.62	0.2897
		64QAM	100	0	100	0	200	22.63	22.49	0.1774
			1	0	1	99	2	17.17	17.03	0.0505
			1	99	1	0	2	23.60	23.46	0.2218
		256QAM	100	0	100	0	200	20.61	20.47	0.1114
			1	0	1	99	2	17.26	17.12	0.0515
			1	99	1	0	2	20.63	20.49	0.1119
18902	19100	QPSK	100	0	100	0	200	23.61	23.47	0.2223
			1	0	1	99	2	17.11	16.97	0.0498
			1	99	1	0	2	25.43	25.29	0.3381
		16QAM	100	0	100	0	200	22.68	22.54	0.1795
			1	0	1	99	2	17.43	17.29	0.0536
			1	99	1	0	2	24.83	24.69	0.2944
		64QAM	100	0	100	0	200	22.63	22.49	0.1774
			1	0	1	99	2	17.30	17.16	0.0520
			1	99	1	0	2	23.27	23.13	0.2056
		256QAM	100	0	100	0	200	20.59	20.45	0.1109
			1	0	1	99	2	17.35	17.21	0.0526
			1	99	1	0	2	20.72	20.58	0.1143
Combination 20MHz+15MHz (100RB+75RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18700	18871	QPSK	100	0	75	0	175	23.51	23.37	0.2173
			1	0	1	74	2	17.03	16.89	0.0489
			1	99	1	0	2	25.41	25.27	0.3365

		16QAM	100	0	75	0	175	22.52	22.38	0.1730
			1	0	1	74	2	17.12	16.98	0.0499
			1	99	1	0	2	24.82	24.68	0.2938
		64QAM	100	0	75	0	175	22.57	22.43	0.1750
			1	0	1	74	2	17.23	17.09	0.0512
			1	99	1	0	2	23.63	23.49	0.2234
		256QAM	100	0	75	0	175	20.57	20.43	0.1104
			1	0	1	74	2	17.27	17.13	0.0516
			1	99	1	0	2	20.64	20.50	0.1122
18826	18997	QPSK	100	0	75	0	175	23.47	23.33	0.2153
			1	0	1	74	2	16.96	16.82	0.0481
			1	99	1	0	2	25.28	25.14	0.3266
		16QAM	100	0	75	0	175	22.41	22.27	0.1687
			1	0	1	74	2	17.00	16.86	0.0485
			1	99	1	0	2	24.72	24.58	0.2871
		64QAM	100	0	75	0	175	22.48	22.34	0.1714
			1	0	1	74	2	17.22	17.08	0.0511
			1	99	1	0	2	23.51	23.37	0.2173
		256QAM	100	0	75	0	175	20.55	20.41	0.1099
			1	0	1	74	2	17.26	17.12	0.0515
			1	99	1	0	2	20.52	20.38	0.1091
18951	19122	QPSK	100	0	75	0	175	23.45	23.31	0.2143
			1	0	1	74	2	16.99	16.85	0.0484
			1	99	1	0	2	25.28	25.14	0.3266
		16QAM	100	0	75	0	175	22.41	22.27	0.1687
			1	0	1	74	2	17.10	16.96	0.0497
			1	99	1	0	2	24.77	24.63	0.2904
		64QAM	100	0	75	0	175	22.56	22.42	0.1746
			1	0	1	74	2	17.19	17.05	0.0507
			1	99	1	0	2	23.61	23.47	0.2223
		256QAM	100	0	75	0	175	20.52	20.38	0.1091
			1	0	1	74	2	17.19	17.05	0.0507
			1	99	1	0	2	20.57	20.43	0.1104

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18678	18849	QPSK	75	0	100	0	175	23.39	23.25	0.2113
			1	0	1	99	2	17.00	16.86	0.0485
			1	74	1	0	2	25.36	25.22	0.3327
		16QAM	75	0	100	0	175	22.42	22.28	0.1690
			1	0	1	99	2	17.09	16.95	0.0495
			1	74	1	0	2	24.75	24.61	0.2891
		64QAM	75	0	100	0	175	22.48	22.34	0.1714
			1	0	1	99	2	17.22	17.08	0.0511
			1	74	1	0	2	23.53	23.39	0.2183
		256QAM	75	0	100	0	175	20.55	20.41	0.1099
			1	0	1	99	2	17.20	17.06	0.0508
			1	74	1	0	2	20.57	20.43	0.1104
18803	18974	QPSK	75	0	100	0	175	23.48	23.34	0.2158
			1	0	1	99	2	16.98	16.84	0.0483

			1	74	1	0	2	25.37	25.23	0.3334
		16QAM	75	0	100	0	175	22.50	22.36	0.1722
			1	0	1	99	2	17.07	16.93	0.0493
			1	74	1	0	2	24.74	24.60	0.2884
		64QAM	75	0	100	0	175	22.45	22.31	0.1702
			1	0	1	99	2	17.19	17.05	0.0507
			1	74	1	0	2	23.54	23.40	0.2188
		256QAM	75	0	100	0	175	20.54	20.40	0.1096
			1	0	1	99	2	17.22	17.08	0.0511
			1	74	1	0	2	20.61	20.47	0.1114
18929	19100	QPSK	75	0	100	0	175	23.40	23.26	0.2118
			1	0	1	99	2	16.92	16.78	0.0476
			1	74	1	0	2	25.31	25.17	0.3289
		16QAM	75	0	100	0	175	22.49	22.35	0.1718
			1	0	1	99	2	17.02	16.88	0.0488
			1	74	1	0	2	24.77	24.63	0.2904
		64QAM	75	0	100	0	175	22.54	22.40	0.1738
			1	0	1	99	2	17.20	17.06	0.0508
			1	74	1	0	2	23.62	23.48	0.2228
		256QAM	75	0	100	0	175	20.55	20.41	0.1099
			1	0	1	99	2	17.23	17.09	0.0512
			1	74	1	0	2	20.54	20.40	0.1096

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18700	18844	QPSK	100	0	50	0	150	23.42	23.28	0.2128
			1	0	1	49	2	17.00	16.86	0.0485
			1	99	1	0	2	25.37	25.23	0.3334
		16QAM	100	0	50	0	150	22.51	22.37	0.1726
			1	0	1	49	2	17.04	16.90	0.0490
			1	99	1	0	2	24.74	24.60	0.2884
		64QAM	100	0	50	0	150	22.51	22.37	0.1726
			1	0	1	49	2	17.20	17.06	0.0508
			1	99	1	0	2	23.51	23.37	0.2173
		256QAM	100	0	50	0	150	20.48	20.34	0.1081
			1	0	1	49	2	17.18	17.04	0.0506
			1	99	1	0	2	20.52	20.38	0.1091
18851	18995	QPSK	100	0	50	0	150	23.40	23.26	0.2118
			1	0	1	49	2	16.97	16.83	0.0482
			1	99	1	0	2	25.38	25.24	0.3342
		16QAM	100	0	50	0	150	22.40	22.26	0.1683
			1	0	1	49	2	16.99	16.85	0.0484
			1	99	1	0	2	24.81	24.67	0.2931
		64QAM	100	0	50	0	150	22.52	22.38	0.1730
			1	0	1	49	2	17.20	17.06	0.0508
			1	99	1	0	2	23.58	23.44	0.2208
		256QAM	100	0	50	0	150	20.54	20.40	0.1096
			1	0	1	49	2	17.19	17.05	0.0507
			1	99	1	0	2	20.55	20.41	0.1099
18956	19100	QPSK	100	0	50	0	150	23.44	23.30	0.2138

			1	0	1	49	2	16.96	16.82	0.0481
			1	99	1	0	2	25.40	25.26	0.3357
		16QAM	100	0	50	0	150	22.49	22.35	0.1718
			1	0	1	49	2	17.05	16.91	0.0491
			1	99	1	0	2	24.77	24.63	0.2904
		64QAM	100	0	50	0	150	22.45	22.31	0.1702
			1	0	1	49	2	17.13	16.99	0.0500
			1	99	1	0	2	23.62	23.48	0.2228
		256QAM	100	0	50	0	150	20.47	20.33	0.1079
			1	0	1	49	2	17.17	17.03	0.0505
			1	99	1	0	2	20.63	20.49	0.1119
Combination 20MHz+5MHz (100RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18700	18817	QPSK	100	0	50	0	150	23.46	23.32	0.2148
			1	0	1	49	2	16.98	16.84	0.0483
			1	99	1	0	2	25.33	25.19	0.3304
		16QAM	100	0	50	0	150	22.48	22.34	0.1714
			1	0	1	49	2	17.05	16.91	0.0491
			1	99	1	0	2	24.72	24.58	0.2871
		64QAM	100	0	50	0	150	22.53	22.39	0.1734
			1	0	1	49	2	17.20	17.06	0.0508
			1	99	1	0	2	23.55	23.41	0.2193
		256QAM	100	0	50	0	150	20.56	20.42	0.1102
			1	0	1	49	2	17.17	17.03	0.0505
			1	99	1	0	2	20.57	20.43	0.1104
18875	18992	QPSK	100	0	50	0	150	23.42	23.28	0.2128
			1	0	1	49	2	16.96	16.82	0.0481
			1	99	1	0	2	25.39	25.25	0.3350
		16QAM	100	0	50	0	150	22.40	22.26	0.1683
			1	0	1	49	2	17.05	16.91	0.0491
			1	99	1	0	2	24.73	24.59	0.2877
		64QAM	100	0	50	0	150	22.47	22.33	0.1710
			1	0	1	49	2	17.18	17.04	0.0506
			1	99	1	0	2	23.52	23.38	0.2178
		256QAM	100	0	50	0	150	20.49	20.35	0.1084
			1	0	1	49	2	17.18	17.04	0.0506
			1	99	1	0	2	20.52	20.38	0.1091
18983	19100	QPSK	100	0	50	0	150	23.40	23.26	0.2118
			1	0	1	49	2	16.94	16.80	0.0479
			1	99	1	0	2	25.39	25.25	0.3350
		16QAM	100	0	50	0	150	22.39	22.25	0.1679
			1	0	1	49	2	17.07	16.93	0.0493
			1	99	1	0	2	24.72	24.58	0.2871
		64QAM	100	0	50	0	150	22.52	22.38	0.1730
			1	0	1	49	2	17.19	17.05	0.0507
			1	99	1	0	2	23.60	23.46	0.2218
		256QAM	100	0	50	0	150	20.56	20.42	0.1102
			1	0	1	49	2	17.26	17.12	0.0515
			1	99	1	0	2	20.55	20.41	0.1099

Combination 10MHz+20MHz (50RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18655	18799	QPSK	50	0	100	0	150	23.46	23.32	0.2148
			1	0	1	99	2	16.90	16.76	0.0474
			1	49	1	0	2	25.31	25.17	0.3289
		16QAM	50	0	100	0	150	22.43	22.29	0.1694
			1	0	1	99	2	17.00	16.86	0.0485
			1	49	1	0	2	24.74	24.60	0.2884
		64QAM	50	0	100	0	150	22.56	22.42	0.1746
			1	0	1	99	2	17.10	16.96	0.0497
			1	49	1	0	2	23.60	23.46	0.2218
		256QAM	50	0	100	0	150	20.46	20.32	0.1076
			1	0	1	99	2	17.20	17.06	0.0508
			1	49	1	0	2	20.58	20.44	0.1107
18806	18950	QPSK	50	0	100	0	150	23.44	23.30	0.2138
			1	0	1	99	2	16.94	16.80	0.0479
			1	49	1	0	2	25.31	25.17	0.3289
		16QAM	50	0	100	0	150	22.46	22.32	0.1706
			1	0	1	99	2	17.02	16.88	0.0488
			1	49	1	0	2	24.71	24.57	0.2864
		64QAM	50	0	100	0	150	22.47	22.33	0.1710
			1	0	1	99	2	17.18	17.04	0.0506
			1	49	1	0	2	23.62	23.48	0.2228
		256QAM	50	0	100	0	150	20.45	20.31	0.1074
			1	0	1	99	2	17.24	17.10	0.0513
			1	49	1	0	2	20.54	20.40	0.1096
18956	19100	QPSK	50	0	100	0	150	23.40	23.26	0.2118
			1	0	1	99	2	16.96	16.82	0.0481
			1	49	1	0	2	25.32	25.18	0.3296
		16QAM	50	0	100	0	150	22.40	22.26	0.1683
			1	0	1	99	2	17.06	16.92	0.0492
			1	49	1	0	2	24.69	24.55	0.2851
		64QAM	50	0	100	0	150	22.49	22.35	0.1718
			1	0	1	99	2	17.13	16.99	0.0500
			1	49	1	0	2	23.58	23.44	0.2208
		256QAM	50	0	100	0	150	20.47	20.33	0.1079
			1	0	1	99	2	17.19	17.05	0.0507
			1	49	1	0	2	20.58	20.44	0.1107
Combination 10MHz+15MHz (50RB+75RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18653	18773	QPSK	50	0	100	0	150	23.47	23.33	0.2153
			1	0	1	99	2	16.95	16.81	0.0480
			1	49	1	0	2	25.29	25.15	0.3273
		16QAM	50	0	100	0	150	22.42	22.28	0.1690
			1	0	1	99	2	17.05	16.91	0.0491
			1	49	1	0	2	24.73	24.59	0.2877
		64QAM	50	0	100	0	150	22.48	22.34	0.1714
			1	0	1	99	2	17.20	17.06	0.0508

			1	49	1	0	2	23.58	23.44	0.2208
		256QAM	50	0	100	0	150	20.44	20.30	0.1072
			1	0	1	99	2	17.24	17.10	0.0513
			1	49	1	0	2	20.55	20.41	0.1099
18829	18949	QPSK	50	0	100	0	150	23.43	23.29	0.2133
			1	0	1	99	2	16.94	16.80	0.0479
			1	49	1	0	2	25.28	25.14	0.3266
		16QAM	50	0	100	0	150	22.45	22.31	0.1702
			1	0	1	99	2	17.06	16.92	0.0492
			1	49	1	0	2	24.75	24.61	0.2891
		64QAM	50	0	100	0	150	22.50	22.36	0.1722
			1	0	1	99	2	17.13	16.99	0.0500
			1	49	1	0	2	23.61	23.47	0.2223
		256QAM	50	0	100	0	150	20.47	20.33	0.1079
			1	0	1	99	2	17.23	17.09	0.0512
			1	49	1	0	2	20.60	20.46	0.1112
19005	19125	QPSK	50	0	100	0	150	23.49	23.35	0.2163
			1	0	1	99	2	16.90	16.76	0.0474
			1	49	1	0	2	25.38	25.24	0.3342
		16QAM	50	0	100	0	150	22.51	22.37	0.1726
			1	0	1	99	2	17.09	16.95	0.0495
			1	49	1	0	2	24.74	24.60	0.2884
		64QAM	50	0	100	0	150	22.52	22.38	0.1730
			1	0	1	99	2	17.11	16.97	0.0498
			1	49	1	0	2	23.52	23.38	0.2178
		256QAM	50	0	100	0	150	20.52	20.38	0.1091
			1	0	1	99	2	17.16	17.02	0.0504
			1	49	1	0	2	20.57	20.43	0.1104

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18675	18825	QPSK	75	0	75	0	150	23.44	23.30	0.2138
			1	0	1	74	2	16.97	16.83	0.0482
			1	74	1	0	2	25.30	25.16	0.3281
		16QAM	75	0	75	0	150	22.45	22.31	0.1702
			1	0	1	74	2	17.09	16.95	0.0495
			1	74	1	0	2	24.73	24.59	0.2877
		64QAM	75	0	75	0	150	22.47	22.33	0.1710
			1	0	1	74	2	17.12	16.98	0.0499
			1	74	1	0	2	23.59	23.45	0.2213
		256QAM	75	0	75	0	150	20.48	20.34	0.1081
			1	0	1	74	2	17.17	17.03	0.0505
			1	74	1	0	2	20.55	20.41	0.1099
18825	18975	QPSK	75	0	75	0	150	23.50	23.36	0.2168
			1	0	1	74	2	16.99	16.85	0.0484
			1	74	1	0	2	25.38	25.24	0.3342
		16QAM	75	0	75	0	150	22.48	22.34	0.1714
			1	0	1	74	2	17.04	16.90	0.0490
			1	74	1	0	2	24.79	24.65	0.2917
		64QAM	75	0	75	0	150	22.45	22.31	0.1702

			1	0	1	74	2	17.12	16.98	0.0499
			1	74	1	0	2	23.59	23.45	0.2213
		256QAM	75	0	75	0	150	20.53	20.39	0.1094
			1	0	1	74	2	17.25	17.11	0.0514
			1	74	1	0	2	20.51	20.37	0.1089
18975	19125	QPSK	75	0	75	0	150	23.49	23.35	0.2163
			1	0	1	74	2	16.93	16.79	0.0478
			1	74	1	0	2	25.40	25.26	0.3357
		16QAM	75	0	75	0	150	22.46	22.32	0.1706
			1	0	1	74	2	17.03	16.89	0.0489
			1	74	1	0	2	24.72	24.58	0.2871
		64QAM	75	0	75	0	150	22.51	22.37	0.1726
			1	0	1	74	2	17.14	17.00	0.0501
			1	74	1	0	2	23.55	23.41	0.2193
		256QAM	75	0	75	0	150	20.54	20.40	0.1096
			1	0	1	74	2	17.18	17.04	0.0506
			1	74	1	0	2	20.60	20.46	0.1112

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18675	18795	QPSK	75	0	50	0	125	23.49	23.35	0.2163
			1	0	1	49	2	16.91	16.77	0.0475
			1	74	1	0	2	25.30	25.16	0.3281
		16QAM	75	0	50	0	125	22.48	22.34	0.1714
			1	0	1	49	2	17.00	16.86	0.0485
			1	74	1	0	2	24.78	24.64	0.2911
		64QAM	75	0	50	0	125	22.49	22.35	0.1718
			1	0	1	49	2	17.18	17.04	0.0506
			1	74	1	0	2	23.55	23.41	0.2193
		256QAM	75	0	50	0	125	20.53	20.39	0.1094
			1	0	1	49	2	17.20	17.06	0.0508
			1	74	1	0	2	20.54	20.40	0.1096
18851	18971	QPSK	75	0	50	0	125	23.48	23.34	0.2158
			1	0	1	49	2	16.94	16.80	0.0479
			1	74	1	0	2	25.32	25.18	0.3296
		16QAM	75	0	50	0	125	22.48	22.34	0.1714
			1	0	1	49	2	17.06	16.92	0.0492
			1	74	1	0	2	24.80	24.66	0.2924
		64QAM	75	0	50	0	125	22.50	22.36	0.1722
			1	0	1	49	2	17.15	17.01	0.0502
			1	74	1	0	2	23.59	23.45	0.2213
		256QAM	75	0	50	0	125	20.55	20.41	0.1099
			1	0	1	49	2	17.18	17.04	0.0506
			1	74	1	0	2	20.59	20.45	0.1109
19027	19147	QPSK	75	0	50	0	125	23.45	23.31	0.2143
			1	0	1	49	2	16.96	16.82	0.0481
			1	74	1	0	2	25.35	25.21	0.3319
		16QAM	75	0	50	0	125	22.42	22.28	0.1690
			1	0	1	49	2	17.11	16.97	0.0498
			1	74	1	0	2	24.69	24.55	0.2851

		64QAM	75	0	50	0	125	22.54	22.40	0.1738
			1	0	1	49	2	17.10	16.96	0.0497
			1	74	1	0	2	23.58	23.44	0.2208
		256QAM	75	0	50	0	125	20.45	20.31	0.1074
			1	0	1	49	2	17.20	17.06	0.0508
			1	74	1	0	2	20.56	20.42	0.1102
Combination 5MHz+20MHz (25RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
18633	18750	QPSK	75	0	50	0	125	23.45	23.31	0.2143
			1	0	1	49	2	17.01	16.87	0.0486
			1	74	1	0	2	25.29	25.15	0.3273
		16QAM	75	0	50	0	125	22.47	22.33	0.1710
			1	0	1	49	2	17.05	16.91	0.0491
			1	74	1	0	2	24.71	24.57	0.2864
		64QAM	75	0	50	0	125	22.49	22.35	0.1718
			1	0	1	49	2	17.11	16.97	0.0498
			1	74	1	0	2	23.57	23.43	0.2203
		256QAM	75	0	50	0	125	20.45	20.31	0.1074
			1	0	1	49	2	17.25	17.11	0.0514
			1	74	1	0	2	20.59	20.45	0.1109
18808	18925	QPSK	75	0	50	0	125	23.41	23.27	0.2123
			1	0	1	49	2	16.93	16.79	0.0478
			1	74	1	0	2	25.33	25.19	0.3304
		16QAM	75	0	50	0	125	22.51	22.37	0.1726
			1	0	1	49	2	17.07	16.93	0.0493
			1	74	1	0	2	24.77	24.63	0.2904
		64QAM	75	0	50	0	125	22.56	22.42	0.1746
			1	0	1	49	2	17.19	17.05	0.0507
			1	74	1	0	2	23.57	23.43	0.2203
		256QAM	75	0	50	0	125	20.45	20.31	0.1074
			1	0	1	49	2	17.18	17.04	0.0506
			1	74	1	0	2	20.51	20.37	0.1089
18983	19100	QPSK	75	0	50	0	125	23.41	23.27	0.2123
			1	0	1	49	2	16.91	16.77	0.0475
			1	74	1	0	2	25.35	25.21	0.3319
		16QAM	75	0	50	0	125	22.49	22.35	0.1718
			1	0	1	49	2	17.09	16.95	0.0495
			1	74	1	0	2	24.72	24.58	0.2871
		64QAM	75	0	50	0	125	22.47	22.33	0.1710
			1	0	1	49	2	17.10	16.96	0.0497
			1	74	1	0	2	23.61	23.47	0.2223
		256QAM	75	0	50	0	125	20.44	20.30	0.1072
			1	0	1	49	2	17.20	17.06	0.0508
			1	74	1	0	2	20.62	20.48	0.1117

LTE Band CA_5B <Ant.0>:

Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	ERP (dBm)	ERP (W)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	50	0	50	0	100	22.93	17.45	0.0556
			1	0	1	49	2	14.45	8.97	0.0079
			1	49	1	0	2	24.95	19.47	0.0885
		16QAM	50	0	50	0	100	21.91	16.43	0.0440
			1	0	1	49	2	14.62	9.14	0.0082
			1	49	1	0	2	23.99	18.51	0.0710
		64QAM	50	0	50	0	100	21.92	16.44	0.0441
			1	0	1	49	2	14.69	9.21	0.0083
			1	49	1	0	2	22.18	16.70	0.0468
		256QAM	50	0	50	0	100	19.98	14.50	0.0282
			1	0	1	49	2	14.79	9.31	0.0085
			1	49	1	0	2	19.89	14.41	0.0276
20476	20575	QPSK	50	0	50	0	100	22.97	17.49	0.0561
			1	0	1	49	2	14.52	9.04	0.0080
			1	49	1	0	2	24.77	19.29	0.0849
		16QAM	50	0	50	0	100	21.92	16.44	0.0441
			1	0	1	49	2	14.67	9.19	0.0083
			1	49	1	0	2	23.89	18.41	0.0693
		64QAM	50	0	50	0	100	21.95	16.47	0.0444
			1	0	1	49	2	14.58	9.10	0.0081
			1	49	1	0	2	22.10	16.62	0.0459
		256QAM	50	0	50	0	100	19.93	14.45	0.0279
			1	0	1	49	2	14.75	9.27	0.0085
			1	49	1	0	2	19.95	14.47	0.0280
20501	20600	QPSK	50	0	50	0	100	22.95	17.47	0.0558
			1	0	1	49	2	14.39	8.91	0.0078
			1	49	1	0	2	24.73	19.25	0.0841
		16QAM	50	0	50	0	100	21.79	16.31	0.0428
			1	0	1	49	2	14.59	9.11	0.0081
			1	49	1	0	2	23.77	18.29	0.0675
		64QAM	50	0	50	0	100	21.87	16.39	0.0436
			1	0	1	49	2	14.53	9.05	0.0080
			1	49	1	0	2	22.05	16.57	0.0454
		256QAM	50	0	50	0	100	19.81	14.33	0.0271
			1	0	1	49	2	14.66	9.18	0.0083
			1	49	1	0	2	19.87	14.39	0.0275
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	ERP (dBm)	ERP (W)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	50	0	25	0	75	22.94	17.46	0.0557
			1	0	1	24	2	15.12	9.64	0.0092
			1	49	1	0	2	25.09	19.61	0.0914
		16QAM	50	0	25	0	75	21.89	16.41	0.0438
			1	0	1	24	2	15.18	9.70	0.0093
			1	49	1	0	2	24.35	18.87	0.0771

		64QAM	50	0	25	0	75	21.93	16.45	0.0442
			1	0	1	24	2	15.16	9.68	0.0093
			1	49	1	0	2	22.10	16.62	0.0459
		256QAM	50	0	25	0	75	19.91	14.43	0.0277
			1	0	1	24	2	15.16	9.68	0.0093
			1	49	1	0	2	20.00	14.52	0.0283
20500	20572	QPSK	50	0	25	0	75	22.92	17.44	0.0555
			1	0	1	24	2	15.01	9.53	0.0090
			1	49	1	0	2	25.03	19.55	0.0902
		16QAM	50	0	25	0	75	21.83	16.35	0.0432
			1	0	1	24	2	15.13	9.65	0.0092
			1	49	1	0	2	24.34	18.86	0.0769
		64QAM	50	0	25	0	75	21.88	16.40	0.0437
			1	0	1	24	2	15.15	9.67	0.0093
			1	49	1	0	2	22.04	16.56	0.0453
		256QAM	50	0	25	0	75	19.84	14.36	0.0273
			1	0	1	24	2	15.10	9.62	0.0092
			1	49	1	0	2	19.90	14.42	0.0277
20550	20622	QPSK	50	0	25	0	75	22.88	17.40	0.0550
			1	0	1	24	2	15.00	9.52	0.0090
			1	49	1	0	2	24.96	19.48	0.0887
		16QAM	50	0	25	0	75	21.78	16.30	0.0427
			1	0	1	24	2	15.10	9.62	0.0092
			1	49	1	0	2	24.33	18.85	0.0767
		64QAM	50	0	25	0	75	21.86	16.38	0.0435
			1	0	1	24	2	15.03	9.55	0.0090
			1	49	1	0	2	21.97	16.49	0.0446
		256QAM	50	0	25	0	75	19.85	14.37	0.0274
			1	0	1	24	2	15.14	9.66	0.0092
			1	49	1	0	2	19.93	14.45	0.0279

Combination 5MHz+10MHz (25RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	ERP (dBm)	ERP (W)
			RB Size	RB offset	RB Size	RB offset				
20428	20500	QPSK	25	0	50	0	75	22.89	17.41	0.0551
			1	0	1	49	2	15.04	9.56	0.0090
			1	24	1	0	2	25.01	19.53	0.0897
		16QAM	25	0	50	0	75	21.81	16.33	0.0430
			1	0	1	49	2	15.10	9.62	0.0092
			1	24	1	0	2	24.32	18.84	0.0766
		64QAM	25	0	50	0	75	21.81	16.33	0.0430
			1	0	1	49	2	15.14	9.66	0.0092
			1	24	1	0	2	21.99	16.51	0.0448
		256QAM	25	0	50	0	75	19.83	14.35	0.0272
			1	0	1	49	2	15.07	9.59	0.0091
			1	24	1	0	2	19.90	14.42	0.0277
20478	20550	QPSK	25	0	50	0	75	22.88	17.40	0.0550
			1	0	1	49	2	15.11	9.63	0.0092
			1	24	1	0	2	25.03	19.55	0.0902
		16QAM	25	0	50	0	75	21.80	16.32	0.0429
			1	0	1	49	2	15.17	9.69	0.0093

			1	24	1	0	2	24.33	18.85	0.0767
		64QAM	25	0	50	0	75	21.80	16.32	0.0429
			1	0	1	49	2	15.09	9.61	0.0091
			1	24	1	0	2	21.98	16.50	0.0447
		256QAM	25	0	50	0	75	19.79	14.31	0.0270
			1	0	1	49	2	15.05	9.57	0.0091
			1	24	1	0	2	19.93	14.45	0.0279
20528	20600	QPSK	25	0	50	0	75	22.81	17.33	0.0541
			1	0	1	49	2	14.99	9.51	0.0089
			1	24	1	0	2	25.03	19.55	0.0902
		16QAM	25	0	50	0	75	21.80	16.32	0.0429
			1	0	1	49	2	15.14	9.66	0.0092
			1	24	1	0	2	24.34	18.86	0.0769
		64QAM	25	0	50	0	75	21.86	16.38	0.0435
			1	0	1	49	2	15.14	9.66	0.0092
			1	24	1	0	2	21.99	16.51	0.0448
		256QAM	25	0	50	0	75	19.83	14.35	0.0272
			1	0	1	49	2	15.09	9.61	0.0091
			1	24	1	0	2	19.97	14.49	0.0281

Combination 5MHz+3MHz (25RB+156RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	ERP (dBm)	ERP (W)
			RB Size	RB offset	RB Size	RB offset				
20425	20464	QPSK	25	0	15	0	40	22.92	17.44	0.0555
			1	0	1	14	2	15.02	9.54	0.0090
			1	24	1	0	2	25.08	19.60	0.0912
		16QAM	25	0	15	0	40	21.81	16.33	0.0430
			1	0	1	14	2	15.15	9.67	0.0093
			1	24	1	0	2	24.32	18.84	0.0766
		64QAM	25	0	15	0	40	21.82	16.34	0.0431
			1	0	1	14	2	15.15	9.67	0.0093
			1	24	1	0	2	22.05	16.57	0.0454
		256QAM	25	0	15	0	40	19.81	14.33	0.0271
			1	0	1	14	2	15.05	9.57	0.0091
			1	24	1	0	2	19.96	14.48	0.0281
20510	20549	QPSK	25	0	15	0	40	22.84	17.36	0.0545
			1	0	1	14	2	15.04	9.56	0.0090
			1	24	1	0	2	25.07	19.59	0.0910
		16QAM	25	0	15	0	40	21.78	16.30	0.0427
			1	0	1	14	2	15.09	9.61	0.0091
			1	24	1	0	2	24.31	18.83	0.0764
		64QAM	25	0	15	0	40	21.80	16.32	0.0429
			1	0	1	14	2	15.04	9.56	0.0090
			1	24	1	0	2	22.07	16.59	0.0456
		256QAM	25	0	15	0	40	19.87	14.39	0.0275
			1	0	1	14	2	15.05	9.57	0.0091
			1	24	1	0	2	19.96	14.48	0.0281
20595	20634	QPSK	25	0	15	0	40	22.90	17.42	0.0552
			1	0	1	14	2	15.01	9.53	0.0090
			1	24	1	0	2	25.05	19.57	0.0906
		16QAM	25	0	15	0	40	21.85	16.37	0.0434

			1	0	1	14	2	15.07	9.59	0.0091
			1	24	1	0	2	24.25	18.77	0.0753
		64QAM	25	0	15	0	40	21.80	16.32	0.0429
			1	0	1	14	2	15.15	9.67	0.0093
			1	24	1	0	2	22.05	16.57	0.0454
		256QAM	25	0	15	0	40	19.79	14.31	0.0270
			1	0	1	14	2	15.14	9.66	0.0092
			1	24	1	0	2	19.93	14.45	0.0279
Combination 3MHz+5MHz (15RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	ERP (dBm)	ERP (W)
			RB Size	RB offset	RB Size	RB offset				
20416	20455	QPSK	15	0	25	0	40	22.84	17.36	0.0545
			1	0	1	24	2	15.07	9.59	0.0091
			1	14	1	0	2	25.07	19.59	0.0910
		16QAM	15	0	25	0	40	21.78	16.30	0.0427
			1	0	1	24	2	15.09	9.61	0.0091
			1	14	1	0	2	24.27	18.79	0.0757
		64QAM	15	0	25	0	40	21.83	16.35	0.0432
			1	0	1	24	2	15.13	9.65	0.0092
			1	14	1	0	2	22.06	16.58	0.0455
		256QAM	15	0	25	0	40	19.89	14.41	0.0276
			1	0	1	24	2	15.12	9.64	0.0092
			1	14	1	0	2	19.99	14.51	0.0282
20501	20540	QPSK	15	0	25	0	40	22.86	17.38	0.0547
			1	0	1	24	2	15.04	9.56	0.0090
			1	14	1	0	2	25.07	19.59	0.0910
		16QAM	15	0	25	0	40	21.86	16.38	0.0435
			1	0	1	24	2	15.06	9.58	0.0091
			1	14	1	0	2	24.23	18.75	0.0750
		64QAM	15	0	25	0	40	21.83	16.35	0.0432
			1	0	1	24	2	15.04	9.56	0.0090
			1	14	1	0	2	22.04	16.56	0.0453
		256QAM	15	0	25	0	40	19.89	14.41	0.0276
			1	0	1	24	2	15.15	9.67	0.0093
			1	14	1	0	2	19.91	14.43	0.0277
20586	20625	QPSK	15	0	25	0	40	22.88	17.40	0.0550
			1	0	1	24	2	15.05	9.57	0.0091
			1	14	1	0	2	24.98	19.50	0.0891
		16QAM	15	0	25	0	40	21.77	16.29	0.0426
			1	0	1	24	2	15.10	9.62	0.0092
			1	14	1	0	2	24.27	18.79	0.0757
		64QAM	15	0	25	0	40	21.89	16.41	0.0438
			1	0	1	24	2	15.09	9.61	0.0091
			1	14	1	0	2	22.08	16.60	0.0457
		256QAM	15	0	25	0	40	19.85	14.37	0.0274
			1	0	1	24	2	15.10	9.62	0.0092
			1	14	1	0	2	19.89	14.41	0.0276

LTE Band CA_66B <Ant.1>:

Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132022	132121	QPSK	50	0	50	0	100	23.50	22.39	0.1734
			1	0	1	49	2	14.88	13.77	0.0238
			1	49	1	0	2	25.35	24.24	0.2655
		16QAM	50	0	50	0	100	22.54	21.43	0.1390
			1	0	1	49	2	15.05	13.94	0.0248
			1	49	1	0	2	24.57	23.46	0.2218
		64QAM	50	0	50	0	100	22.51	21.40	0.1380
			1	0	1	49	2	14.91	13.80	0.0240
			1	49	1	0	2	22.10	20.99	0.1256
		256QAM	50	0	50	0	100	20.51	19.40	0.0871
			1	0	1	49	2	14.94	13.83	0.0242
			1	49	1	0	2	20.58	19.47	0.0885
132373	132472	QPSK	50	0	50	0	100	23.39	22.28	0.1690
			1	0	1	49	2	14.81	13.70	0.0234
			1	49	1	0	2	25.33	24.22	0.2642
		16QAM	50	0	50	0	100	22.42	21.31	0.1352
			1	0	1	49	2	15.00	13.89	0.0245
			1	49	1	0	2	24.48	23.37	0.2173
		64QAM	50	0	50	0	100	22.39	21.28	0.1343
			1	0	1	49	2	14.78	13.67	0.0233
			1	49	1	0	2	22.06	20.95	0.1245
		256QAM	50	0	50	0	100	20.50	19.39	0.0869
			1	0	1	49	2	14.86	13.75	0.0237
			1	49	1	0	2	20.55	19.44	0.0879
132523	132622	QPSK	50	0	50	0	100	23.38	22.27	0.1687
			1	0	1	49	2	14.80	13.69	0.0234
			1	49	1	0	2	25.25	24.14	0.2594
		16QAM	50	0	50	0	100	22.48	21.37	0.1371
			1	0	1	49	2	15.03	13.92	0.0247
			1	49	1	0	2	24.49	23.38	0.2178
		64QAM	50	0	50	0	100	22.43	21.32	0.1355
			1	0	1	49	2	14.85	13.74	0.0237
			1	49	1	0	2	22.07	20.96	0.1247
		256QAM	50	0	50	0	100	20.48	19.37	0.0865
			1	0	1	49	2	14.82	13.71	0.0235
			1	49	1	0	2	20.45	19.34	0.0859
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	75	0	25	0	100	23.51	22.40	0.1738
			1	0	1	24	2	21.24	20.13	0.1030
			1	74	1	0	2	25.57	24.46	0.2793
		16QAM	75	0	25	0	100	22.07	20.96	0.1247
			1	0	1	24	2	21.36	20.25	0.1059
			1	74	1	0	2	23.96	22.85	0.1928

		64QAM	75	0	25	0	100	22.03	20.92	0.1236
			1	0	1	24	2	21.30	20.19	0.1045
			1	74	1	0	2	21.97	20.86	0.1219
		256QAM	75	0	25	0	100	20.08	18.97	0.0789
			1	0	1	24	2	20.22	19.11	0.0815
			1	74	1	0	2	20.08	18.97	0.0789
132398	132491	QPSK	75	0	25	0	100	23.48	22.37	0.1726
			1	0	1	24	2	21.22	20.11	0.1026
			1	74	1	0	2	25.47	24.36	0.2729
		16QAM	75	0	25	0	100	22.06	20.95	0.1245
			1	0	1	24	2	21.27	20.16	0.1038
			1	74	1	0	2	23.87	22.76	0.1888
		64QAM	75	0	25	0	100	21.94	20.83	0.1211
			1	0	1	24	2	21.24	20.13	0.1030
			1	74	1	0	2	21.87	20.76	0.1191
		256QAM	75	0	25	0	100	19.97	18.86	0.0769
			1	0	1	24	2	20.18	19.07	0.0807
			1	74	1	0	2	20.07	18.96	0.0787
132549	132642	QPSK	75	0	25	0	100	23.43	22.32	0.1706
			1	0	1	24	2	21.13	20.02	0.1005
			1	74	1	0	2	25.53	24.42	0.2767
		16QAM	75	0	25	0	100	22.01	20.90	0.1230
			1	0	1	24	2	21.33	20.22	0.1052
			1	74	1	0	2	23.93	22.82	0.1914
		64QAM	75	0	25	0	100	21.98	20.87	0.1222
			1	0	1	24	2	21.18	20.07	0.1016
			1	74	1	0	2	21.92	20.81	0.1205
		256QAM	75	0	25	0	100	19.98	18.87	0.0771
			1	0	1	24	2	20.13	19.02	0.0798
			1	74	1	0	2	19.97	18.86	0.0769

Combination 5MHz+15MHz (25RB+75RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132002	132095	QPSK	25	0	75	0	100	23.40	22.29	0.1694
			1	0	1	74	2	21.20	20.09	0.1021
			1	24	1	0	2	25.45	24.34	0.2716
		16QAM	25	0	75	0	100	21.98	20.87	0.1222
			1	0	1	74	2	21.26	20.15	0.1035
			1	24	1	0	2	23.95	22.84	0.1923
		64QAM	25	0	75	0	100	21.91	20.80	0.1202
			1	0	1	74	2	21.20	20.09	0.1021
			1	24	1	0	2	21.87	20.76	0.1191
		256QAM	25	0	75	0	100	20.07	18.96	0.0787
			1	0	1	74	2	20.12	19.01	0.0796
			1	24	1	0	2	20.06	18.95	0.0785
132353	132446	QPSK	25	0	75	0	100	23.47	22.36	0.1722
			1	0	1	74	2	21.15	20.04	0.1009
			1	24	1	0	2	25.43	24.32	0.2704
		16QAM	25	0	75	0	100	21.99	20.88	0.1225
			1	0	1	74	2	21.19	20.08	0.1019

			1	24	1	0	2	23.86	22.75	0.1884
		64QAM	25	0	75	0	100	21.89	20.78	0.1197
			1	0	1	74	2	21.21	20.10	0.1023
			1	24	1	0	2	21.76	20.65	0.1161
		256QAM	25	0	75	0	100	19.93	18.82	0.0762
			1	0	1	74	2	20.16	19.05	0.0804
			1	24	1	0	2	19.96	18.85	0.0767
132504	132597	QPSK	25	0	75	0	100	23.35	22.24	0.1675
			1	0	1	74	2	21.03	19.92	0.0982
			1	24	1	0	2	25.49	24.38	0.2742
		16QAM	25	0	75	0	100	21.96	20.85	0.1216
			1	0	1	74	2	21.28	20.17	0.1040
			1	24	1	0	2	23.89	22.78	0.1897
		64QAM	25	0	75	0	100	21.94	20.83	0.1211
			1	0	1	74	2	21.07	19.96	0.0991
			1	24	1	0	2	21.83	20.72	0.1180
		256QAM	25	0	75	0	100	19.95	18.84	0.0766
			1	0	1	74	2	20.08	18.97	0.0789
			1	24	1	0	2	19.93	18.82	0.0762

Combination 10MHz+5MHz (50RB+25RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132022	132094	QPSK	50	0	25	0	75	23.41	22.30	0.1698
			1	0	1	24	2	21.19	20.08	0.1019
			1	49	1	0	2	25.47	24.36	0.2729
		16QAM	50	0	25	0	75	22.04	20.93	0.1239
			1	0	1	24	2	21.28	20.17	0.1040
			1	49	1	0	2	23.91	22.80	0.1905
		64QAM	50	0	25	0	75	21.96	20.85	0.1216
			1	0	1	24	2	21.28	20.17	0.1040
			1	49	1	0	2	21.93	20.82	0.1208
		256QAM	50	0	25	0	75	20.03	18.92	0.0780
			1	0	1	24	2	20.19	19.08	0.0809
			1	49	1	0	2	20.03	18.92	0.0780
132397	132469	QPSK	50	0	25	0	75	23.44	22.33	0.1710
			1	0	1	24	2	21.11	20.00	0.1000
			1	49	1	0	2	25.40	24.29	0.2685
		16QAM	50	0	25	0	75	21.99	20.88	0.1225
			1	0	1	24	2	21.21	20.10	0.1023
			1	49	1	0	2	23.82	22.71	0.1866
		64QAM	50	0	25	0	75	21.89	20.78	0.1197
			1	0	1	24	2	21.22	20.11	0.1026
			1	49	1	0	2	21.79	20.68	0.1169
		256QAM	50	0	25	0	75	19.94	18.83	0.0764
			1	0	1	24	2	20.15	19.04	0.0802
			1	49	1	0	2	20.06	18.95	0.0785
132572	132644	QPSK	50	0	25	0	75	23.40	22.29	0.1694
			1	0	1	24	2	21.03	19.92	0.0982
			1	49	1	0	2	25.42	24.31	0.2698
		16QAM	50	0	25	0	75	21.92	20.81	0.1205

			1	0	1	24	2	21.30	20.19	0.1045
			1	49	1	0	2	23.89	22.78	0.1897
		64QAM	50	0	25	0	75	21.97	20.86	0.1219
			1	0	1	24	2	21.09	19.98	0.0995
			1	49	1	0	2	21.86	20.75	0.1189
		256QAM	50	0	25	0	75	19.96	18.85	0.0767
			1	0	1	24	2	20.01	18.90	0.0776
			1	49	1	0	2	19.87	18.76	0.0752
Combination 5MHz+10MHz (25RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132000	132072	QPSK	25	0	50	0	75	23.44	22.33	0.1710
			1	0	1	49	2	21.14	20.03	0.1007
			1	24	1	0	2	25.46	24.35	0.2723
		16QAM	25	0	50	0	75	21.99	20.88	0.1225
			1	0	1	49	2	21.31	20.20	0.1047
			1	24	1	0	2	23.84	22.73	0.1875
		64QAM	25	0	50	0	75	21.99	20.88	0.1225
			1	0	1	49	2	21.19	20.08	0.1019
			1	24	1	0	2	21.89	20.78	0.1197
		256QAM	25	0	50	0	75	20.00	18.89	0.0774
			1	0	1	49	2	20.14	19.03	0.0800
			1	24	1	0	2	20.00	18.89	0.0774
132375	132447	QPSK	25	0	50	0	75	23.40	22.29	0.1694
			1	0	1	49	2	21.20	20.09	0.1021
			1	24	1	0	2	25.40	24.29	0.2685
		16QAM	25	0	50	0	75	22.04	20.93	0.1239
			1	0	1	49	2	21.16	20.05	0.1012
			1	24	1	0	2	23.76	22.65	0.1841
		64QAM	25	0	50	0	75	21.89	20.78	0.1197
			1	0	1	49	2	21.17	20.06	0.1014
			1	24	1	0	2	21.80	20.69	0.1172
		256QAM	25	0	50	0	75	19.92	18.81	0.0760
			1	0	1	49	2	20.13	19.02	0.0798
			1	24	1	0	2	19.97	18.86	0.0769
132550	132622	QPSK	25	0	50	0	75	23.33	22.22	0.1667
			1	0	1	49	2	21.11	20.00	0.1000
			1	24	1	0	2	25.43	24.32	0.2704
		16QAM	25	0	50	0	75	21.91	20.80	0.1202
			1	0	1	49	2	21.29	20.18	0.1042
			1	24	1	0	2	23.86	22.75	0.1884
		64QAM	25	0	50	0	75	21.93	20.82	0.1208
			1	0	1	49	2	21.06	19.95	0.0989
			1	24	1	0	2	21.85	20.74	0.1186
		256QAM	25	0	50	0	75	19.92	18.81	0.0760
			1	0	1	49	2	20.05	18.94	0.0783
			1	24	1	0	2	19.87	18.76	0.0752
Combination 5MHz+5MHz (25RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				

131997	132045	QPSK	25	0	25	0	50	23.48	22.37	0.1726
			1	0	1	24	2	21.18	20.07	0.1016
			1	24	1	0	2	25.56	24.45	0.2786
		16QAM	25	0	25	0	50	22.03	20.92	0.1236
			1	0	1	24	2	21.35	20.24	0.1057
			1	24	1	0	2	23.84	22.73	0.1875
		64QAM	25	0	25	0	50	21.91	20.80	0.1202
			1	0	1	24	2	21.27	20.16	0.1038
			1	24	1	0	2	21.93	20.82	0.1208
		256QAM	25	0	25	0	50	19.96	18.85	0.0767
			1	0	1	24	2	20.18	19.07	0.0807
			1	24	1	0	2	19.97	18.86	0.0769
132398	132446	QPSK	25	0	25	0	50	23.44	22.33	0.1710
			1	0	1	24	2	21.14	20.03	0.1007
			1	24	1	0	2	25.41	24.30	0.2692
		16QAM	25	0	25	0	50	22.01	20.90	0.1230
			1	0	1	24	2	21.26	20.15	0.1035
			1	24	1	0	2	23.77	22.66	0.1845
		64QAM	25	0	25	0	50	21.84	20.73	0.1183
			1	0	1	24	2	21.19	20.08	0.1019
			1	24	1	0	2	21.76	20.65	0.1161
		256QAM	25	0	25	0	50	19.91	18.80	0.0759
			1	0	1	24	2	20.10	18.99	0.0793
			1	24	1	0	2	20.02	18.91	0.0778
132599	132647	QPSK	25	0	25	0	50	23.40	22.29	0.1694
			1	0	1	24	2	21.04	19.93	0.0984
			1	24	1	0	2	25.41	24.30	0.2692
		16QAM	25	0	25	0	50	21.90	20.79	0.1199
			1	0	1	24	2	21.31	20.20	0.1047
			1	24	1	0	2	23.89	22.78	0.1897
		64QAM	25	0	25	0	50	21.91	20.80	0.1202
			1	0	1	24	2	21.16	20.05	0.1012
			1	24	1	0	2	21.81	20.70	0.1175
		256QAM	25	0	25	0	50	19.96	18.85	0.0767
			1	0	1	24	2	20.10	18.99	0.0793
			1	24	1	0	2	19.87	18.76	0.0752

LTE Band CA_66C <Ant.1>:

Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	100	0	100	0	200	23.49	22.38	0.1730
			1	0	1	99	2	16.97	15.86	0.0385
			1	99	1	0	2	25.44	24.33	0.2710
		16QAM	100	0	100	0	200	22.65	21.54	0.1426
			1	0	1	99	2	17.15	16.04	0.0402
			1	99	1	0	2	24.68	23.57	0.2275
		64QAM	100	0	100	0	200	22.52	21.41	0.1384
			1	0	1	99	2	17.18	16.07	0.0405
			1	99	1	0	2	23.48	22.37	0.1726
		256QAM	100	0	100	0	200	20.57	19.46	0.0883
			1	0	1	99	2	17.09	15.98	0.0396
			1	99	1	0	2	20.66	19.55	0.0902
132323	132521	QPSK	100	0	100	0	200	23.46	22.35	0.1718
			1	0	1	99	2	16.93	15.82	0.0382
			1	99	1	0	2	25.37	24.26	0.2667
		16QAM	100	0	100	0	200	22.55	21.44	0.1393
			1	0	1	99	2	17.13	16.02	0.0400
			1	99	1	0	2	24.64	23.53	0.2254
		64QAM	100	0	100	0	200	22.48	21.37	0.1371
			1	0	1	99	2	17.14	16.03	0.0401
			1	99	1	0	2	23.46	22.35	0.1718
		256QAM	100	0	100	0	200	20.54	19.43	0.0877
			1	0	1	99	2	17.06	15.95	0.0394
			1	99	1	0	2	20.59	19.48	0.0887
132374	132572	QPSK	100	0	100	0	200	23.38	22.27	0.1687
			1	0	1	99	2	16.95	15.84	0.0384
			1	99	1	0	2	25.35	24.24	0.2655
		16QAM	100	0	100	0	200	22.54	21.43	0.1390
			1	0	1	99	2	17.14	16.03	0.0401
			1	99	1	0	2	24.62	23.51	0.2244
		64QAM	100	0	100	0	200	22.47	21.36	0.1368
			1	0	1	99	2	17.09	15.98	0.0396
			1	99	1	0	2	23.43	22.32	0.1706
		256QAM	100	0	100	0	200	20.51	19.40	0.0871
			1	0	1	99	2	17.03	15.92	0.0391
			1	99	1	0	2	20.59	19.48	0.0887
Combination 20MHz+15MHz (100RB+75RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132072	132243	QPSK	100	0	75	0	175	23.47	22.36	0.1722
			1	0	1	74	2	17.07	15.96	0.0394
			1	99	1	0	2	25.41	24.30	0.2692
		16QAM	100	0	75	0	175	22.49	21.38	0.1374
			1	0	1	74	2	17.15	16.04	0.0402
			1	99	1	0	2	24.77	23.66	0.2323

		64QAM	100	0	75	0	175	22.49	21.38	0.1374
			1	0	1	74	2	17.18	16.07	0.0405
			1	99	1	0	2	23.65	22.54	0.1795
		256QAM	100	0	75	0	175	20.53	19.42	0.0875
			1	0	1	74	2	17.05	15.94	0.0393
			1	99	1	0	2	20.59	19.48	0.0887
132348	132519	QPSK	100	0	75	0	175	23.44	22.33	0.1710
			1	0	1	74	2	17.00	15.89	0.0388
			1	99	1	0	2	25.37	24.26	0.2667
		16QAM	100	0	75	0	175	22.46	21.35	0.1365
			1	0	1	74	2	17.14	16.03	0.0401
			1	99	1	0	2	24.65	23.54	0.2259
		64QAM	100	0	75	0	175	22.41	21.30	0.1349
			1	0	1	74	2	17.08	15.97	0.0395
			1	99	1	0	2	23.55	22.44	0.1754
		256QAM	100	0	75	0	175	20.45	19.34	0.0859
			1	0	1	74	2	16.95	15.84	0.0384
			1	99	1	0	2	20.54	19.43	0.0877
132423	132594	QPSK	100	0	75	0	175	23.36	22.25	0.1679
			1	0	1	74	2	17.06	15.95	0.0394
			1	99	1	0	2	25.40	24.29	0.2685
		16QAM	100	0	75	0	175	22.48	21.37	0.1371
			1	0	1	74	2	17.05	15.94	0.0393
			1	99	1	0	2	24.73	23.62	0.2301
		64QAM	100	0	75	0	175	22.46	21.35	0.1365
			1	0	1	74	2	17.07	15.96	0.0394
			1	99	1	0	2	23.57	22.46	0.1762
		256QAM	100	0	75	0	175	20.47	19.36	0.0863
			1	0	1	74	2	16.94	15.83	0.0383
			1	99	1	0	2	20.47	19.36	0.0863

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132050	132221	QPSK	75	0	100	0	175	23.34	22.23	0.1671
			1	0	1	99	2	17.05	15.94	0.0393
			1	74	1	0	2	25.29	24.18	0.2618
		16QAM	75	0	100	0	175	22.39	21.28	0.1343
			1	0	1	99	2	17.07	15.96	0.0394
			1	74	1	0	2	24.67	23.56	0.2270
		64QAM	75	0	100	0	175	22.37	21.26	0.1337
			1	0	1	99	2	17.07	15.96	0.0394
			1	74	1	0	2	23.54	22.43	0.1750
		256QAM	75	0	100	0	175	20.44	19.33	0.0857
			1	0	1	99	2	16.95	15.84	0.0384
			1	74	1	0	2	20.53	19.42	0.0875
132325	132496	QPSK	75	0	100	0	175	23.46	22.35	0.1718
			1	0	1	99	2	17.05	15.94	0.0393
			1	74	1	0	2	25.40	24.29	0.2685
		16QAM	75	0	100	0	175	22.43	21.32	0.1355
			1	0	1	99	2	17.11	16.00	0.0398

			1	74	1	0	2	24.69	23.58	0.2280
		64QAM	75	0	100	0	175	22.41	21.30	0.1349
			1	0	1	99	2	17.10	15.99	0.0397
			1	74	1	0	2	23.60	22.49	0.1774
		256QAM	75	0	100	0	175	20.45	19.34	0.0859
			1	0	1	99	2	16.99	15.88	0.0387
			1	74	1	0	2	20.58	19.47	0.0885
132401	132572	QPSK	75	0	100	0	175	23.34	22.23	0.1671
			1	0	1	99	2	16.95	15.84	0.0384
			1	74	1	0	2	25.38	24.27	0.2673
		16QAM	75	0	100	0	175	22.46	21.35	0.1365
			1	0	1	99	2	17.02	15.91	0.0390
			1	74	1	0	2	24.74	23.63	0.2307
		64QAM	75	0	100	0	175	22.36	21.25	0.1334
			1	0	1	99	2	17.05	15.94	0.0393
			1	74	1	0	2	23.53	22.42	0.1746
		256QAM	75	0	100	0	175	20.49	19.38	0.0867
			1	0	1	99	2	17.01	15.90	0.0389
			1	74	1	0	2	20.49	19.38	0.0867

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132072	132216	QPSK	100	0	75	0	175	23.37	22.26	0.1683
			1	0	1	74	2	17.06	15.95	0.0394
			1	99	1	0	2	25.33	24.22	0.2642
		16QAM	100	0	75	0	175	22.47	21.36	0.1368
			1	0	1	74	2	17.09	15.98	0.0396
			1	99	1	0	2	24.75	23.64	0.2312
		64QAM	100	0	75	0	175	22.41	21.30	0.1349
			1	0	1	74	2	17.08	15.97	0.0395
			1	99	1	0	2	23.55	22.44	0.1754
		256QAM	100	0	75	0	175	20.46	19.35	0.0861
			1	0	1	74	2	16.94	15.83	0.0383
			1	99	1	0	2	20.57	19.46	0.0883
132373	132517	QPSK	100	0	75	0	175	23.35	22.24	0.1675
			1	0	1	74	2	17.06	15.95	0.0394
			1	99	1	0	2	25.34	24.23	0.2649
		16QAM	100	0	75	0	175	22.47	21.36	0.1368
			1	0	1	74	2	17.14	16.03	0.0401
			1	99	1	0	2	24.66	23.55	0.2265
		64QAM	100	0	75	0	175	22.39	21.28	0.1343
			1	0	1	74	2	17.16	16.05	0.0403
			1	99	1	0	2	23.59	22.48	0.1770
		256QAM	100	0	75	0	175	20.40	19.29	0.0849
			1	0	1	74	2	16.94	15.83	0.0383
			1	99	1	0	2	20.49	19.38	0.0867
132473	132617	QPSK	100	0	75	0	175	23.40	22.29	0.1694
			1	0	1	74	2	16.99	15.88	0.0387
			1	99	1	0	2	25.32	24.21	0.2636
		16QAM	100	0	75	0	175	22.40	21.29	0.1346

			1	0	1	74	2	17.09	15.98	0.0396
			1	99	1	0	2	24.76	23.65	0.2317
		64QAM	100	0	75	0	175	22.48	21.37	0.1371
			1	0	1	74	2	17.07	15.96	0.0394
			1	99	1	0	2	23.61	22.50	0.1778
		256QAM	100	0	75	0	175	20.40	19.29	0.0849
			1	0	1	74	2	16.95	15.84	0.0384
			1	99	1	0	2	20.52	19.41	0.0873
Combination 10MHz+20MHz (50RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132027	132171	QPSK	50	0	100	0	150	23.39	22.28	0.1690
			1	0	1	99	2	17.00	15.89	0.0388
			1	49	1	0	2	25.36	24.25	0.2661
		16QAM	50	0	100	0	150	22.45	21.34	0.1361
			1	0	1	99	2	17.14	16.03	0.0401
			1	49	1	0	2	24.68	23.57	0.2275
		64QAM	50	0	100	0	150	22.47	21.36	0.1368
			1	0	1	99	2	17.13	16.02	0.0400
			1	49	1	0	2	23.63	22.52	0.1786
		256QAM	50	0	100	0	150	20.48	19.37	0.0865
			1	0	1	99	2	16.99	15.88	0.0387
			1	49	1	0	2	20.53	19.42	0.0875
132328	132472	QPSK	50	0	100	0	150	23.38	22.27	0.1687
			1	0	1	99	2	16.99	15.88	0.0387
			1	49	1	0	2	25.32	24.21	0.2636
		16QAM	50	0	100	0	150	22.38	21.27	0.1340
			1	0	1	99	2	17.13	16.02	0.0400
			1	49	1	0	2	24.67	23.56	0.2270
		64QAM	50	0	100	0	150	22.38	21.27	0.1340
			1	0	1	99	2	17.12	16.01	0.0399
			1	49	1	0	2	23.54	22.43	0.1750
		256QAM	50	0	100	0	150	20.51	19.40	0.0871
			1	0	1	99	2	16.98	15.87	0.0386
			1	49	1	0	2	20.48	19.37	0.0865
132428	132572	QPSK	50	0	100	0	150	23.46	22.35	0.1718
			1	0	1	99	2	16.96	15.85	0.0385
			1	49	1	0	2	25.36	24.25	0.2661
		16QAM	50	0	100	0	150	22.46	21.35	0.1365
			1	0	1	99	2	17.09	15.98	0.0396
			1	49	1	0	2	24.67	23.56	0.2270
		64QAM	50	0	100	0	150	22.39	21.28	0.1343
			1	0	1	99	2	17.12	16.01	0.0399
			1	49	1	0	2	23.59	22.48	0.1770
		256QAM	50	0	100	0	150	20.40	19.29	0.0849
			1	0	1	99	2	16.96	15.85	0.0385
			1	49	1	0	2	20.55	19.44	0.0879
Combination 20MHz+5MHz (100RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				

132072	132189	QPSK	100	0	25	0	125	23.34	22.23	0.1671
			1	0	1	24	2	17.04	15.93	0.0392
			1	99	1	0	2	25.33	24.22	0.2642
		16QAM	100	0	25	0	125	22.37	21.26	0.1337
			1	0	1	24	2	17.07	15.96	0.0394
			1	99	1	0	2	24.67	23.56	0.2270
		64QAM	100	0	25	0	125	22.37	21.26	0.1337
			1	0	1	24	2	17.15	16.04	0.0402
			1	99	1	0	2	23.55	22.44	0.1754
		256QAM	100	0	25	0	125	20.40	19.29	0.0849
			1	0	1	24	2	16.93	15.82	0.0382
			1	99	1	0	2	20.47	19.36	0.0863
132397	132514	QPSK	100	0	25	0	125	23.41	22.30	0.1698
			1	0	1	24	2	17.02	15.91	0.0390
			1	99	1	0	2	25.31	24.20	0.2630
		16QAM	100	0	25	0	125	22.39	21.28	0.1343
			1	0	1	24	2	17.08	15.97	0.0395
			1	99	1	0	2	24.71	23.60	0.2291
		64QAM	100	0	25	0	125	22.44	21.33	0.1358
			1	0	1	24	2	17.05	15.94	0.0393
			1	99	1	0	2	23.64	22.53	0.1791
		256QAM	100	0	25	0	125	20.46	19.35	0.0861
			1	0	1	24	2	16.93	15.82	0.0382
			1	99	1	0	2	20.55	19.44	0.0879
132522	132639	QPSK	100	0	25	0	125	23.42	22.31	0.1702
			1	0	1	24	2	16.95	15.84	0.0384
			1	99	1	0	2	25.29	24.18	0.2618
		16QAM	100	0	25	0	125	22.40	21.29	0.1346
			1	0	1	24	2	17.03	15.92	0.0391
			1	99	1	0	2	24.64	23.53	0.2254
		64QAM	100	0	25	0	125	22.47	21.36	0.1368
			1	0	1	24	2	17.13	16.02	0.0400
			1	99	1	0	2	23.54	22.43	0.1750
		256QAM	100	0	25	0	125	20.41	19.30	0.0851
			1	0	1	24	2	17.01	15.90	0.0389
			1	99	1	0	2	20.51	19.40	0.0871

Combination 5MHz+20MHz (25RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132005	132122	QPSK	25	0	100	0	125	23.37	22.26	0.1683
			1	0	1	99	2	17.03	15.92	0.0391
			1	24	1	0	2	25.33	24.22	0.2642
		16QAM	25	0	100	0	125	22.46	21.35	0.1365
			1	0	1	99	2	17.06	15.95	0.0394
			1	24	1	0	2	24.65	23.54	0.2259
		64QAM	25	0	100	0	125	22.45	21.34	0.1361
			1	0	1	99	2	17.05	15.94	0.0393
			1	24	1	0	2	23.58	22.47	0.1766
		256QAM	25	0	100	0	125	20.46	19.35	0.0861
			1	0	1	99	2	17.00	15.89	0.0388

			1	24	1	0	2	20.49	19.38	0.0867
132330	132447	QPSK	25	0	100	0	125	23.44	22.33	0.1710
			1	0	1	99	2	17.00	15.89	0.0388
			1	24	1	0	2	25.38	24.27	0.2673
		16QAM	25	0	100	0	125	22.41	21.30	0.1349
			1	0	1	99	2	17.03	15.92	0.0391
			1	24	1	0	2	24.68	23.57	0.2275
		64QAM	25	0	100	0	125	22.45	21.34	0.1361
			1	0	1	99	2	17.05	15.94	0.0393
			1	24	1	0	2	23.59	22.48	0.1770
		256QAM	25	0	100	0	125	20.43	19.32	0.0855
			1	0	1	99	2	17.02	15.91	0.0390
			1	24	1	0	2	20.48	19.37	0.0865
132455	132572	QPSK	25	0	100	0	125	23.43	22.32	0.1706
			1	0	1	99	2	17.04	15.93	0.0392
			1	24	1	0	2	25.33	24.22	0.2642
		16QAM	25	0	100	0	125	22.48	21.37	0.1371
			1	0	1	99	2	17.05	15.94	0.0393
			1	24	1	0	2	24.72	23.61	0.2296
		64QAM	25	0	100	0	125	22.39	21.28	0.1343
			1	0	1	99	2	17.09	15.98	0.0396
			1	24	1	0	2	23.62	22.51	0.1782
		256QAM	25	0	100	0	125	20.50	19.39	0.0869
			1	0	1	99	2	16.94	15.83	0.0383
			1	24	1	0	2	20.55	19.44	0.0879

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132047	132167	QPSK	75	0	50	0	125	23.41	22.30	0.1698
			1	0	1	49	2	16.94	15.83	0.0383
			1	74	1	0	2	25.29	24.18	0.2618
		16QAM	75	0	50	0	125	22.37	21.26	0.1337
			1	0	1	49	2	17.08	15.97	0.0395
			1	74	1	0	2	24.70	23.59	0.2286
		64QAM	75	0	50	0	125	22.45	21.34	0.1361
			1	0	1	49	2	17.08	15.97	0.0395
			1	74	1	0	2	23.62	22.51	0.1782
		256QAM	75	0	50	0	125	20.50	19.39	0.0869
			1	0	1	49	2	16.94	15.83	0.0383
			1	74	1	0	2	20.49	19.38	0.0867
132373	132473	QPSK	75	0	50	0	125	23.39	22.28	0.1690
			1	0	1	49	2	17.02	15.91	0.0390
			1	74	1	0	2	25.36	24.25	0.2661
		16QAM	75	0	50	0	125	22.43	21.32	0.1355
			1	0	1	49	2	17.02	15.91	0.0390
			1	74	1	0	2	24.67	23.56	0.2270
		64QAM	75	0	50	0	125	22.39	21.28	0.1343
			1	0	1	49	2	17.12	16.01	0.0399
			1	74	1	0	2	23.59	22.48	0.1770
		256QAM	75	0	50	0	125	20.46	19.35	0.0861

			1	0	1	49	2	16.92	15.81	0.0381
			1	74	1	0	2	20.53	19.42	0.0875
132499	132619	QPSK	75	0	50	0	125	23.37	22.26	0.1683
			1	0	1	49	2	16.98	15.87	0.0386
			1	74	1	0	2	25.32	24.21	0.2636
		16QAM	75	0	50	0	125	22.46	21.35	0.1365
			1	0	1	49	2	17.12	16.01	0.0399
			1	74	1	0	2	24.72	23.61	0.2296
		64QAM	75	0	50	0	125	22.39	21.28	0.1343
			1	0	1	49	2	17.16	16.05	0.0403
			1	74	1	0	2	23.57	22.46	0.1762
		256QAM	75	0	50	0	125	20.41	19.30	0.0851
			1	0	1	49	2	17.00	15.89	0.0388
			1	74	1	0	2	20.53	19.42	0.0875

Combination 10MHz+15MHz (50RB+75RB)

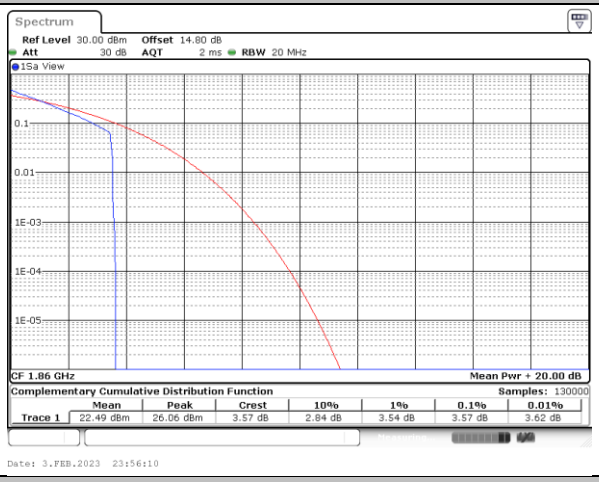
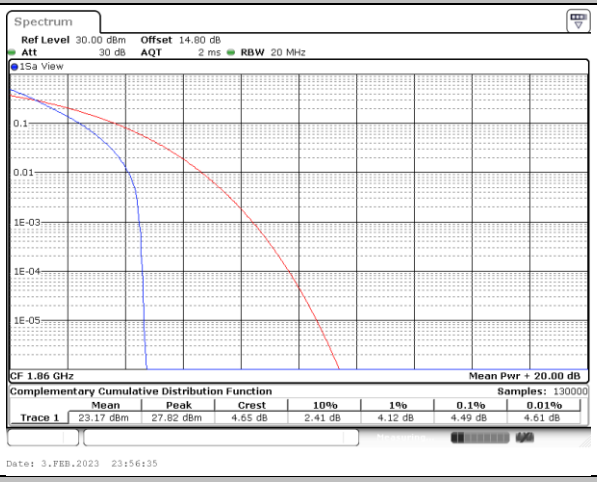
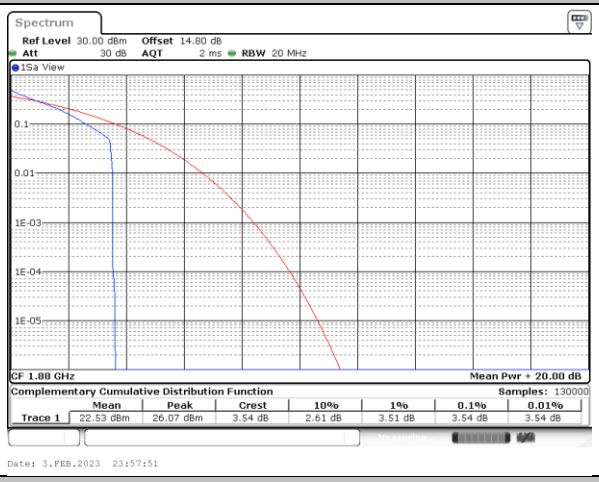
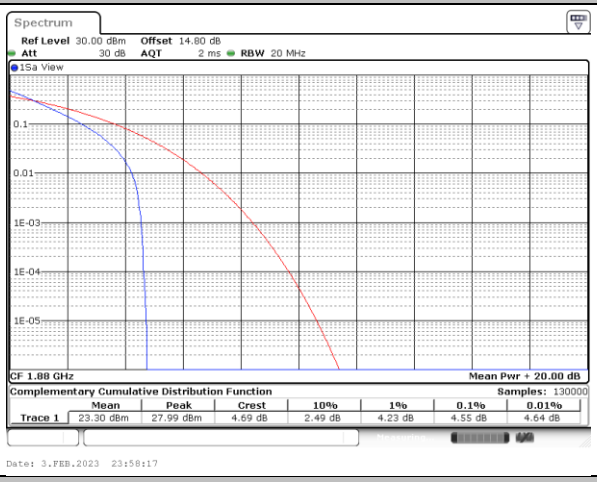
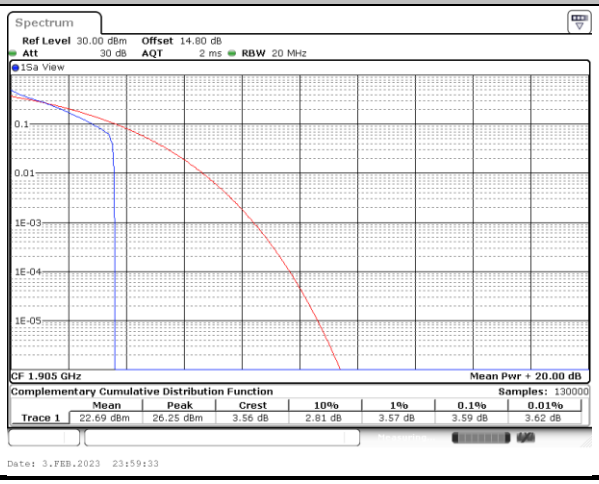
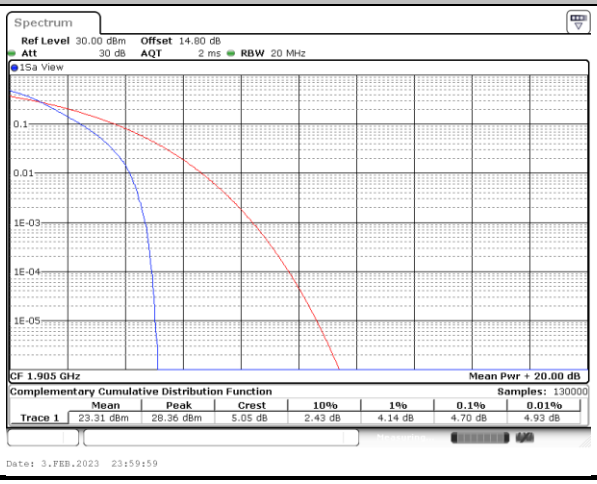
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132025	132145	QPSK	50	0	75	0	125	23.38	22.27	0.1687
			1	0	1	74	2	16.95	15.84	0.0384
			1	49	1	0	2	25.31	24.20	0.2630
		16QAM	50	0	75	0	125	22.47	21.36	0.1368
			1	0	1	74	2	17.04	15.93	0.0392
			1	49	1	0	2	24.66	23.55	0.2265
		64QAM	50	0	75	0	125	22.36	21.25	0.1334
			1	0	1	74	2	17.12	16.01	0.0399
			1	49	1	0	2	23.57	22.46	0.1762
		256QAM	50	0	75	0	125	20.49	19.38	0.0867
			1	0	1	74	2	17.03	15.92	0.0391
			1	49	1	0	2	20.50	19.39	0.0869
132351	132471	QPSK	50	0	75	0	125	23.39	22.28	0.1690
			1	0	1	74	2	17.06	15.95	0.0394
			1	49	1	0	2	25.31	24.20	0.2630
		16QAM	50	0	75	0	125	22.37	21.26	0.1337
			1	0	1	74	2	17.02	15.91	0.0390
			1	49	1	0	2	24.76	23.65	0.2317
		64QAM	50	0	75	0	125	22.45	21.34	0.1361
			1	0	1	74	2	17.09	15.98	0.0396
			1	49	1	0	2	23.58	22.47	0.1766
		256QAM	50	0	75	0	125	20.43	19.32	0.0855
			1	0	1	74	2	17.00	15.89	0.0388
			1	49	1	0	2	20.53	19.42	0.0875
132477	132597	QPSK	50	0	75	0	125	23.41	22.30	0.1698
			1	0	1	74	2	16.97	15.86	0.0385
			1	49	1	0	2	25.33	24.22	0.2642
		16QAM	50	0	75	0	125	22.36	21.25	0.1334
			1	0	1	74	2	17.06	15.95	0.0394
			1	49	1	0	2	24.64	23.53	0.2254
		64QAM	50	0	75	0	125	22.37	21.26	0.1337
			1	0	1	74	2	17.13	16.02	0.0400
			1	49	1	0	2	23.53	22.42	0.1746

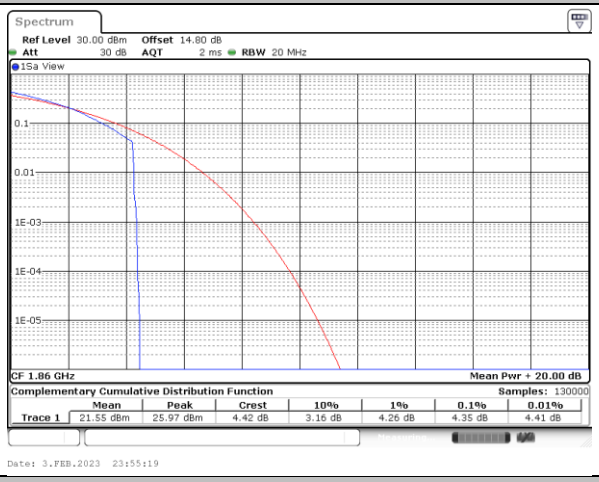
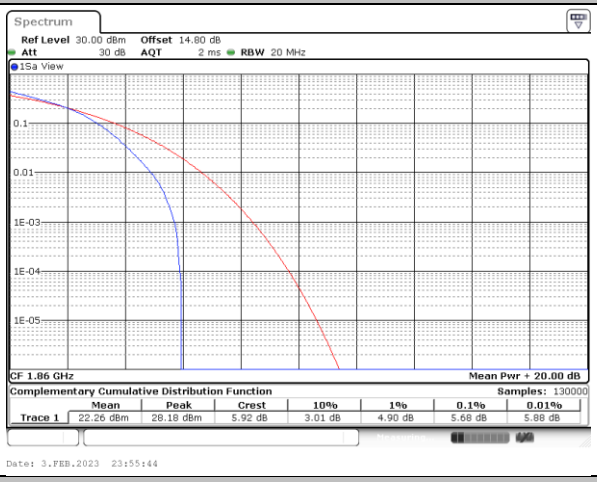
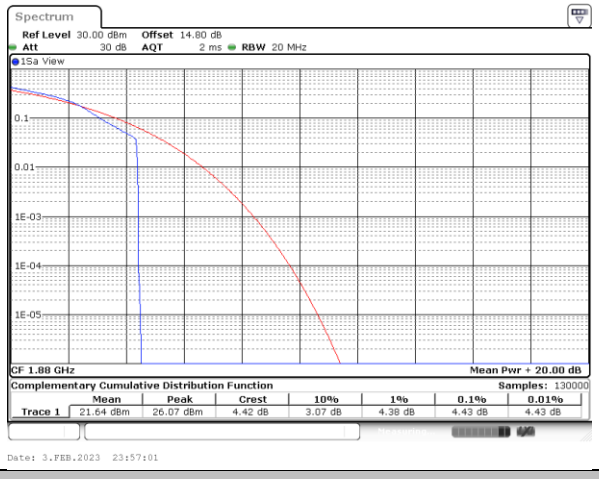
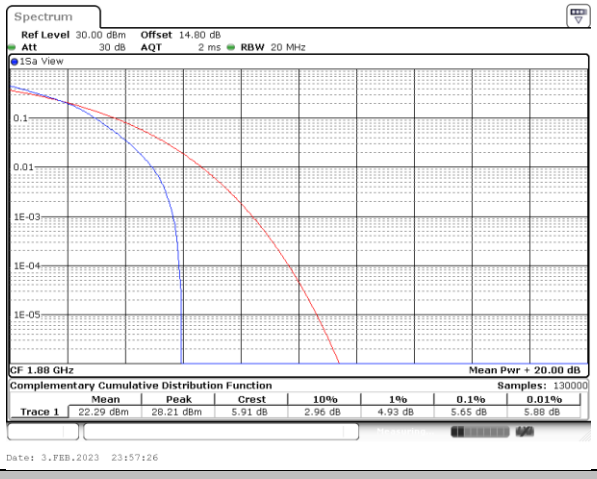
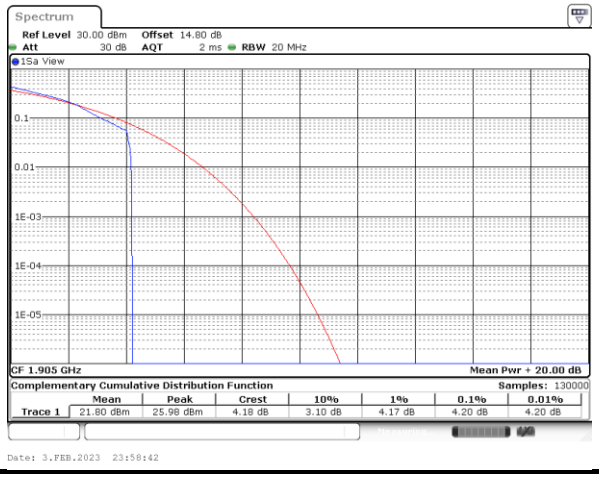
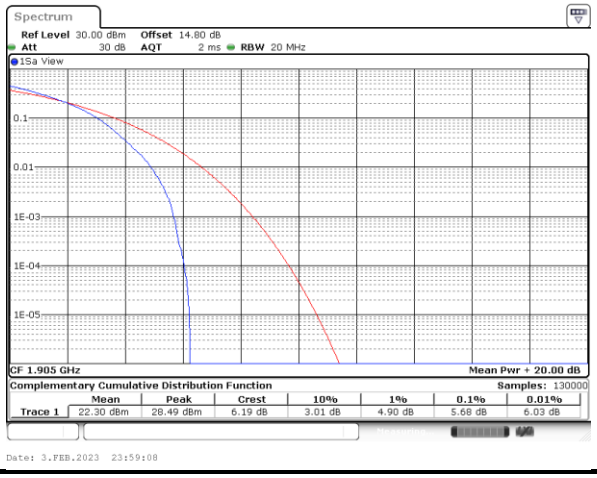
		256QAM	50	0	75	0	125	20.49	19.38	0.0867
			1	0	1	74	2	16.97	15.86	0.0385
			1	49	1	0	2	20.51	19.40	0.0871
Combination 15MHz+15MHz (75RB+75RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	EIRP (dBm)	EIRP (W)
			RB Size	RB offset	RB Size	RB offset				
132047	132197	QPSK	75	0	75	0	150	23.38	22.27	0.1687
			1	0	1	74	2	16.94	15.83	0.0383
			1	74	1	0	2	25.32	24.21	0.2636
		16QAM	75	0	75	0	150	22.36	21.25	0.1334
			1	0	1	74	2	17.07	15.96	0.0394
			1	74	1	0	2	24.66	23.55	0.2265
		64QAM	75	0	75	0	150	22.36	21.25	0.1334
			1	0	1	74	2	17.15	16.04	0.0402
			1	74	1	0	2	23.53	22.42	0.1746
		256QAM	75	0	75	0	150	20.46	19.35	0.0861
			1	0	1	74	2	17.02	15.91	0.0390
			1	74	1	0	2	20.57	19.46	0.0883
132347	132497	QPSK	75	0	75	0	150	23.40	22.29	0.1694
			1	0	1	74	2	16.94	15.83	0.0383
			1	74	1	0	2	25.38	24.27	0.2673
		16QAM	75	0	75	0	150	22.40	21.29	0.1346
			1	0	1	74	2	17.11	16.00	0.0398
			1	74	1	0	2	24.68	23.57	0.2275
		64QAM	75	0	75	0	150	22.40	21.29	0.1346
			1	0	1	74	2	17.14	16.03	0.0401
			1	74	1	0	2	23.61	22.50	0.1778
		256QAM	75	0	75	0	150	20.42	19.31	0.0853
			1	0	1	74	2	17.00	15.89	0.0388
			1	74	1	0	2	20.54	19.43	0.0877
132447	132597	QPSK	75	0	75	0	150	23.44	22.33	0.1710
			1	0	1	74	2	17.01	15.90	0.0389
			1	74	1	0	2	25.39	24.28	0.2679
		16QAM	75	0	75	0	150	22.44	21.33	0.1358
			1	0	1	74	2	17.06	15.95	0.0394
			1	74	1	0	2	24.66	23.55	0.2265
		64QAM	75	0	75	0	150	22.40	21.29	0.1346
			1	0	1	74	2	17.09	15.98	0.0396
			1	74	1	0	2	23.53	22.42	0.1746
		256QAM	75	0	75	0	150	20.41	19.30	0.0851
			1	0	1	74	2	17.00	15.89	0.0388
			1	74	1	0	2	20.53	19.42	0.0875

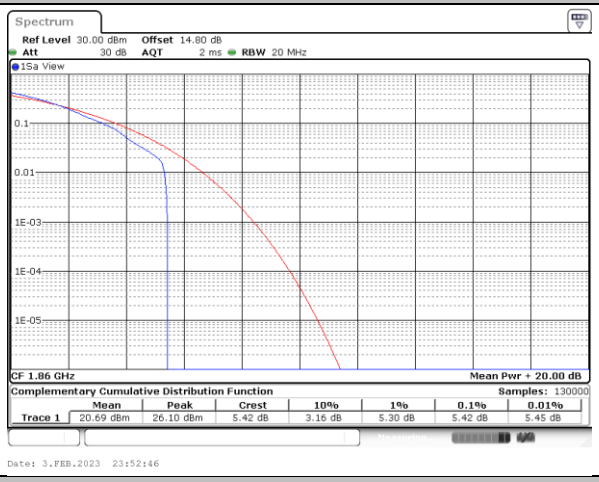
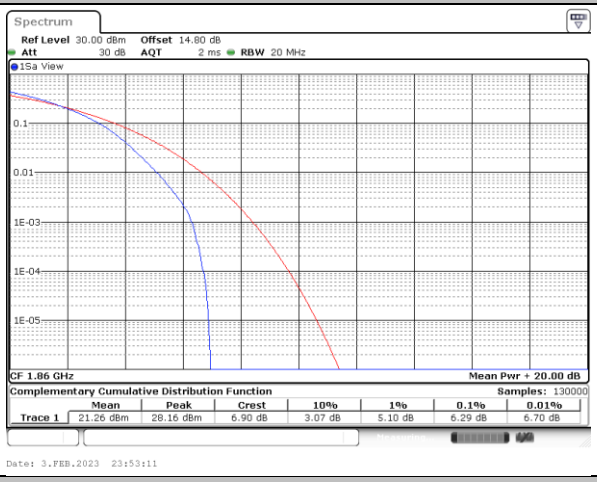
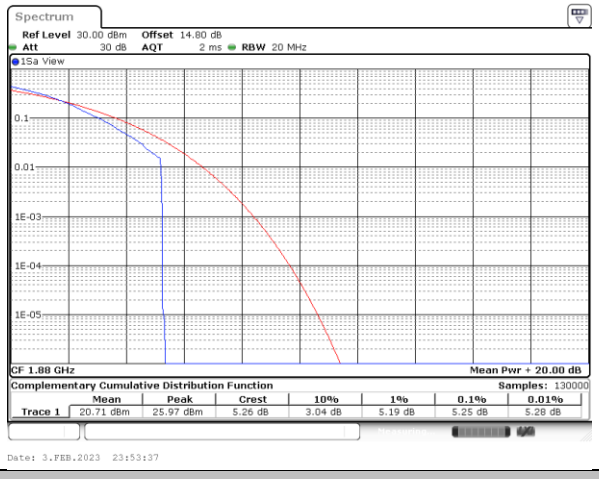
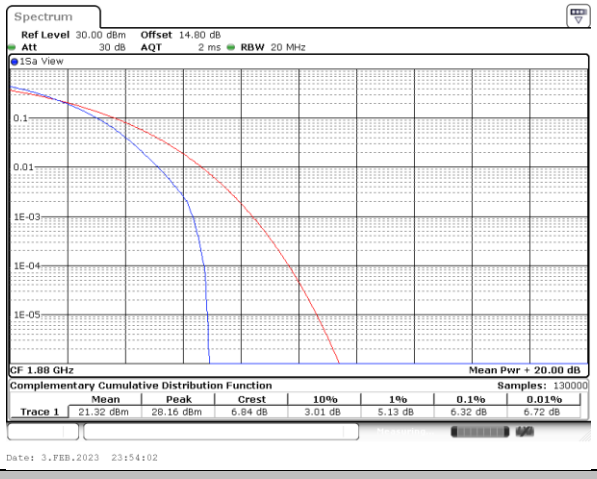
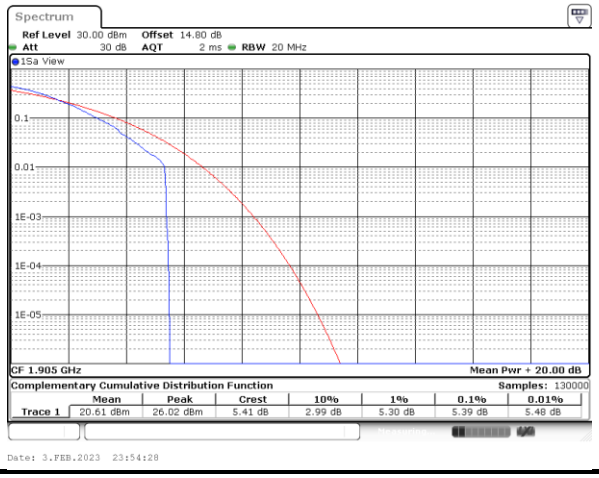
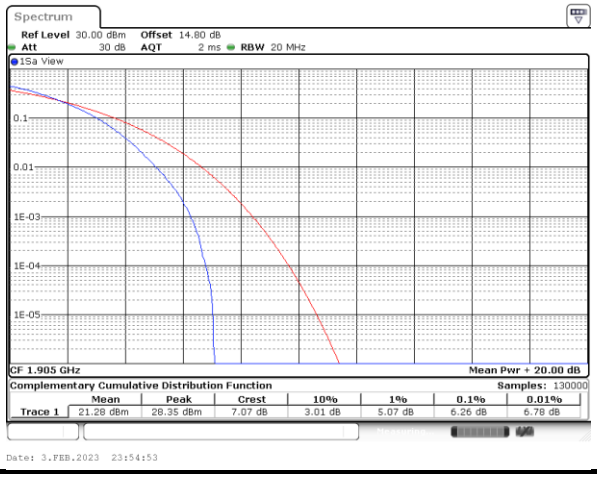
LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	4.49	4.35	5.68	PASS
Middle CH	3.54	4.55	4.43	5.65	
Highest CH	3.59	4.70	4.20	5.68	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.42	6.29	-	-	PASS
Middle CH	5.25	6.32	-	-	
Highest CH	5.39	6.26	-	-	

LTE Band 25 / 20MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

LTE Band 25 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

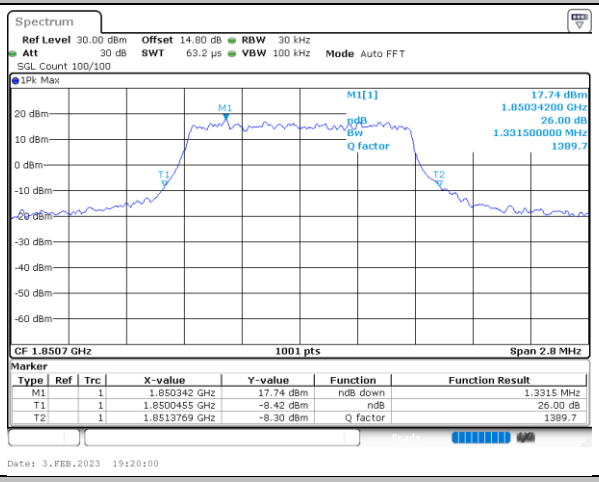
LTE Band 25 / 20MHz / 64QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

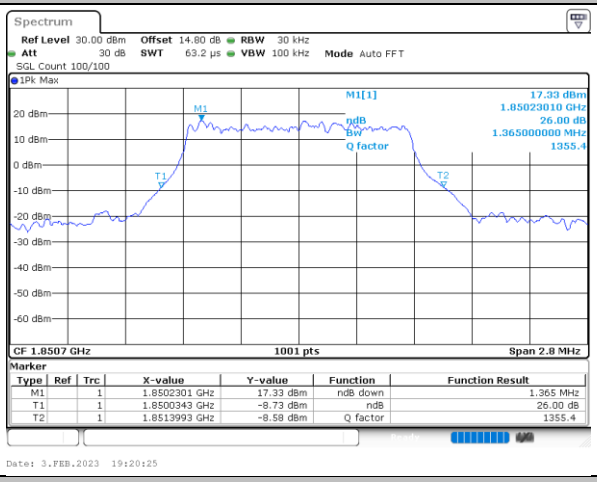
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.33	1.37	3.07	3.07	5.02	5.06	10.07	10.09	14.39	14.63	19.06	19.22
Middle CH	1.31	1.33	3.09	3.09	5.01	5.03	9.67	9.85	14.57	14.39	19.54	19.26
Highest CH	1.35	1.32	3.13	3.07	4.91	4.86	10.01	9.87	14.39	14.81	18.78	18.66
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.33	-	3.05	-	5.10	-	10.09	-	14.60	-	19.10	-
Middle CH	1.35	-	3.05	-	5.03	-	9.95	-	14.42	-	18.66	-
Highest CH	1.33	-	3.04	-	5.02	-	10.01	-	14.78	-	19.02	-

LTE Band 25

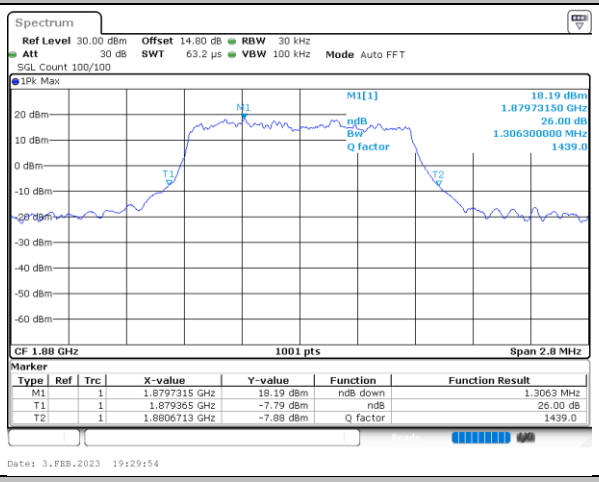
Lowest Channel / 1.4MHz / QPSK



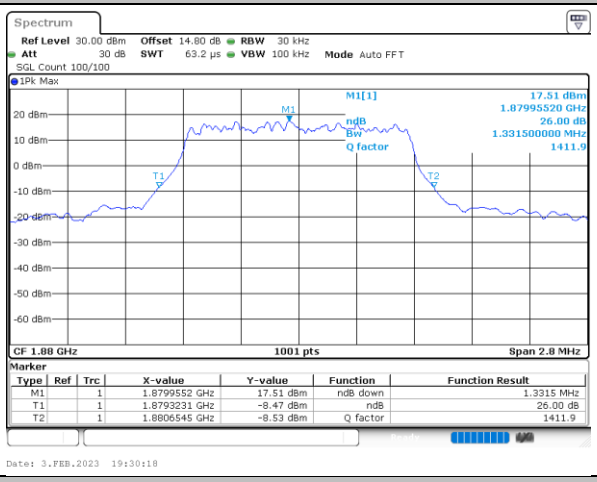
Lowest Channel / 1.4MHz / 16QAM



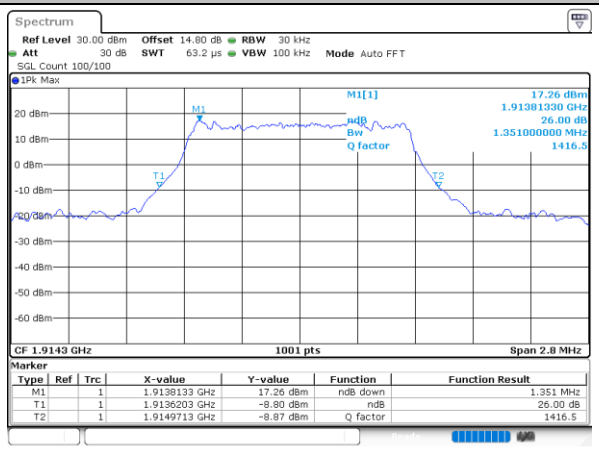
Middle Channel / 1.4MHz / QPSK



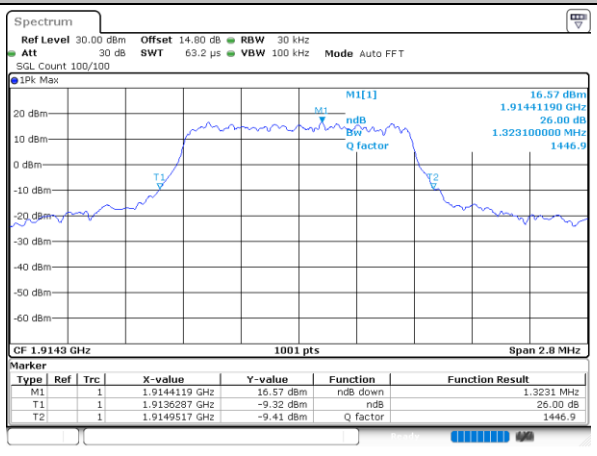
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

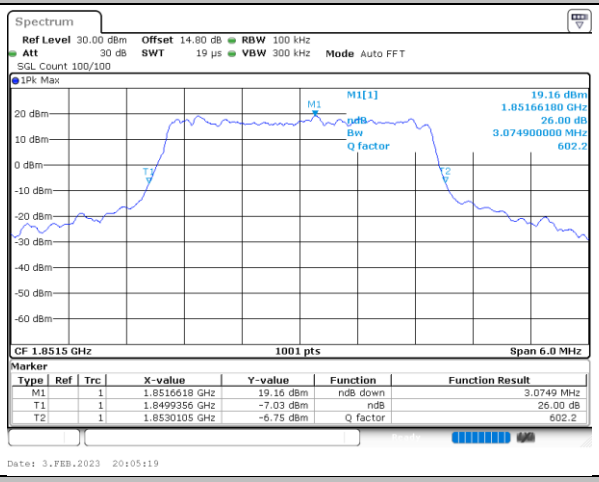


Highest Channel / 1.4MHz / 16QAM

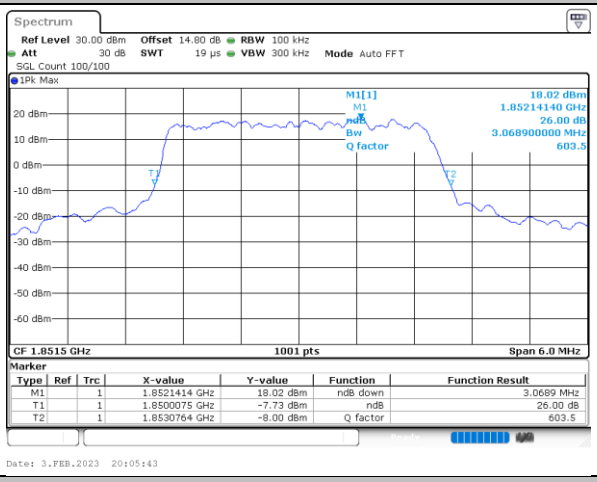


LTE Band 25

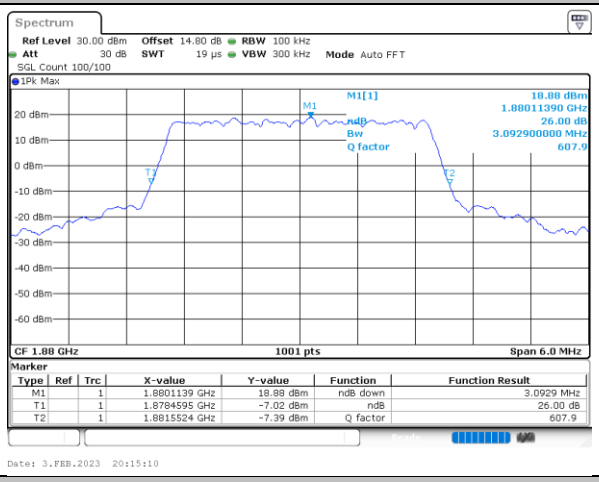
Lowest Channel / 3MHz / QPSK



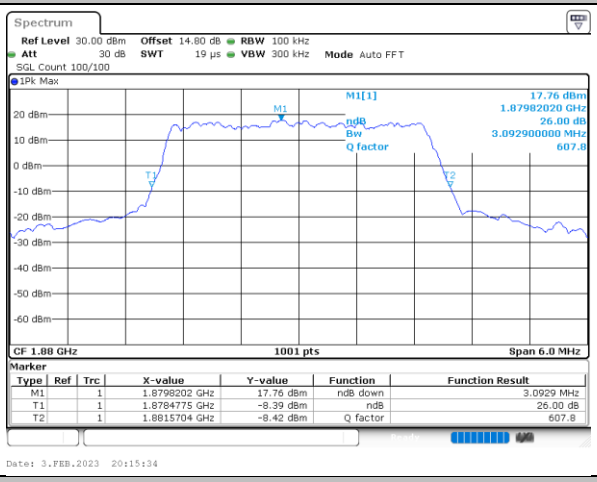
Lowest Channel / 3MHz / 16QAM



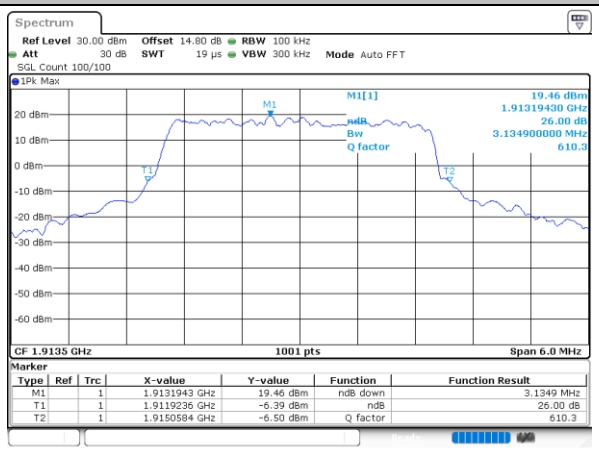
Middle Channel / 3MHz / QPSK



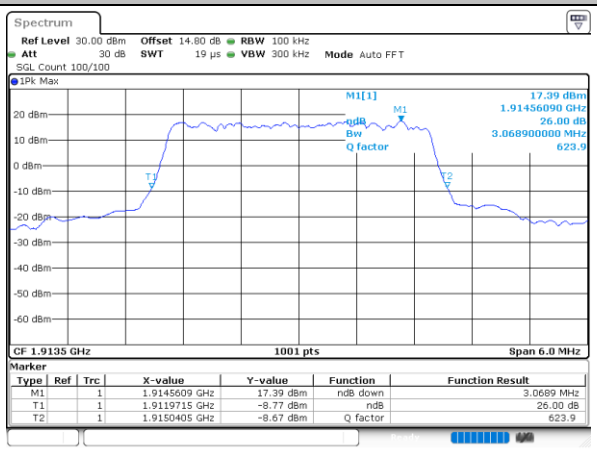
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

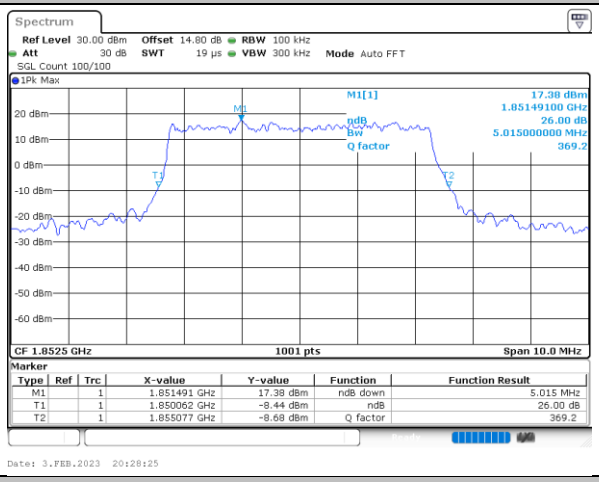


Highest Channel / 3MHz / 16QAM

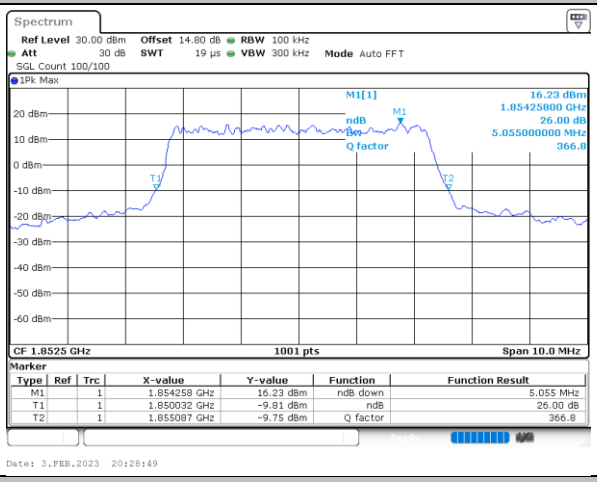


LTE Band 25

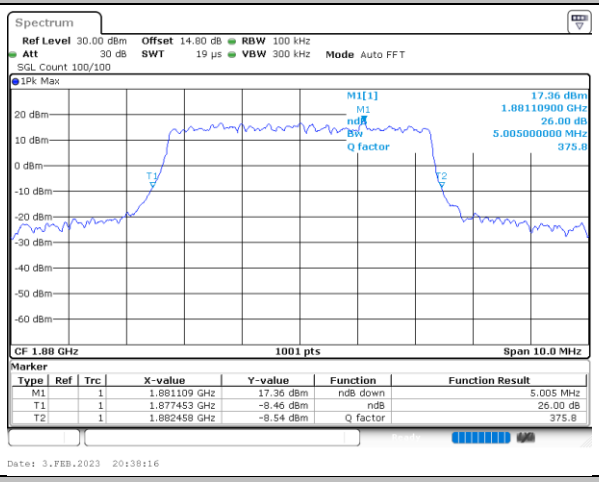
Lowest Channel / 5MHz / QPSK



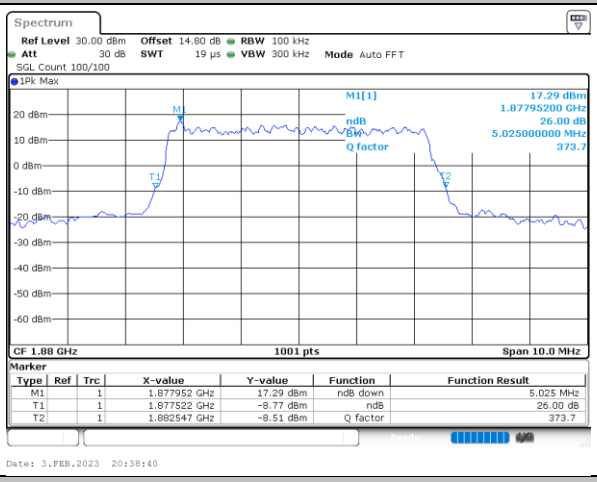
Lowest Channel / 5MHz / 16QAM



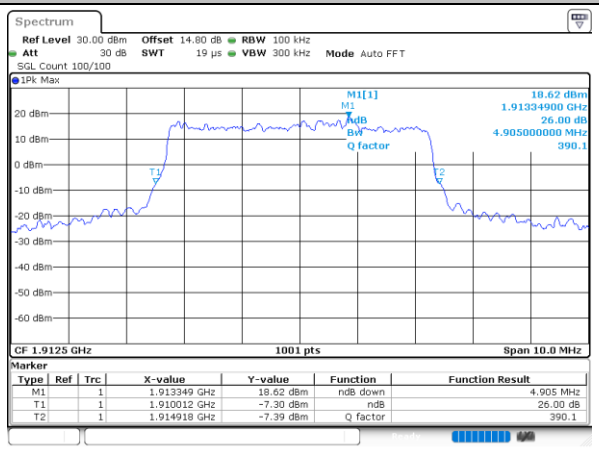
Middle Channel / 5MHz / QPSK



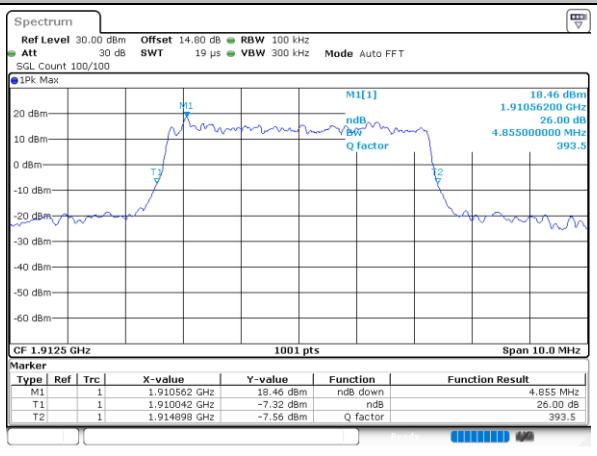
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

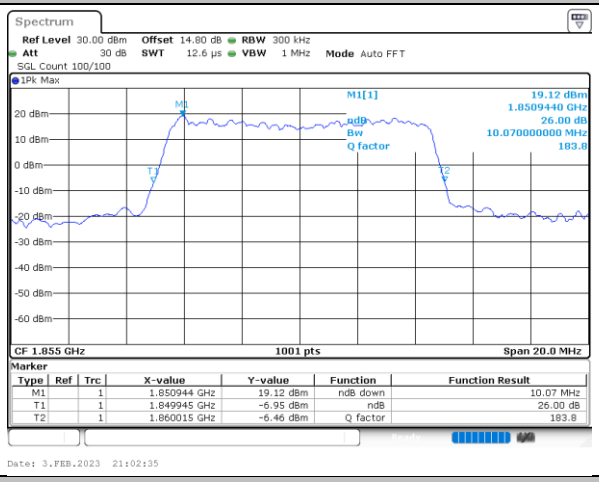


Highest Channel / 5MHz / 16QAM

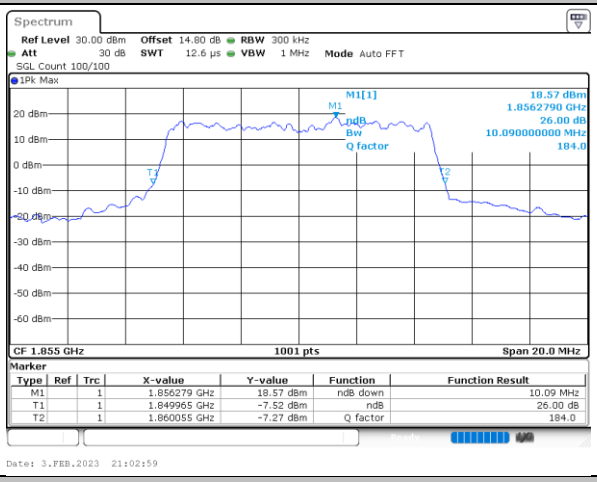


LTE Band 25

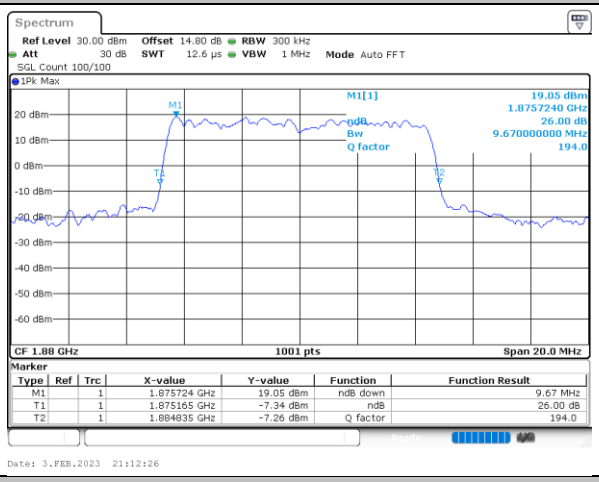
Lowest Channel / 10MHz / QPSK



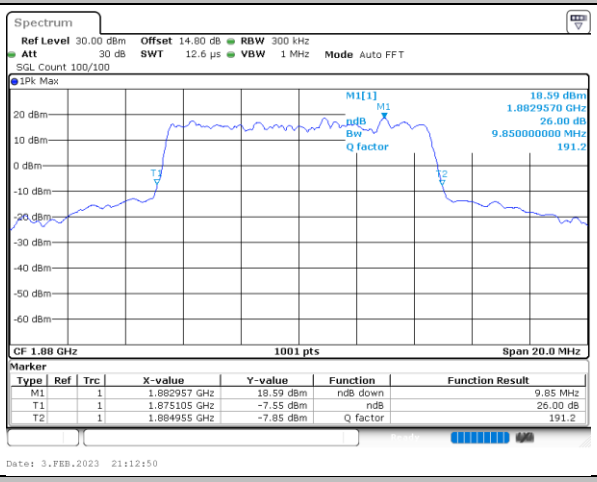
Lowest Channel / 10MHz / 16QAM



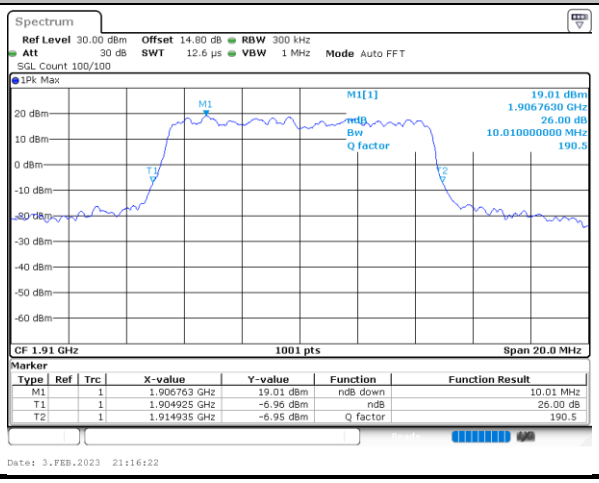
Middle Channel / 10MHz / QPSK



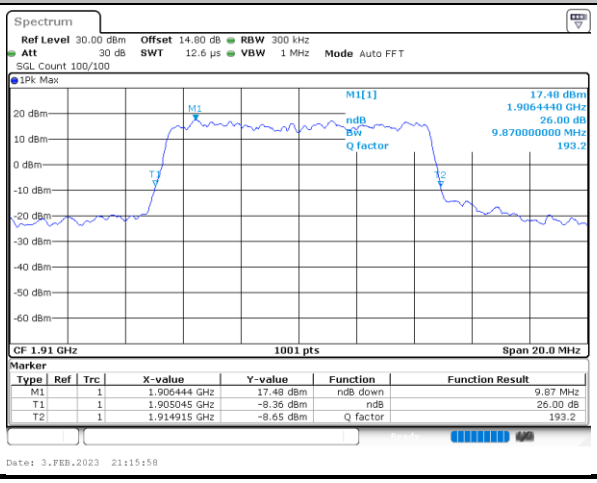
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

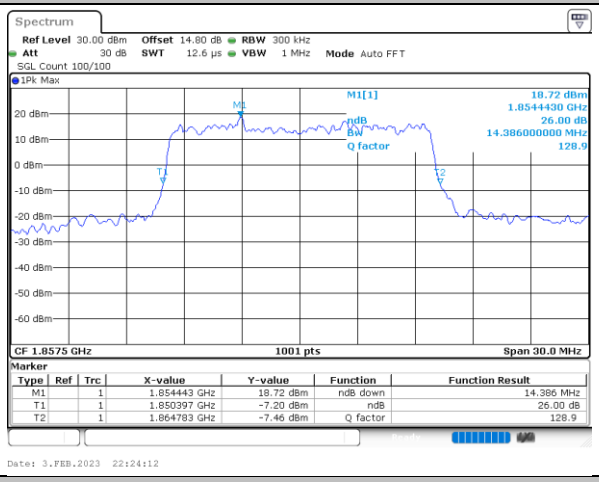


Highest Channel / 10MHz / 16QAM

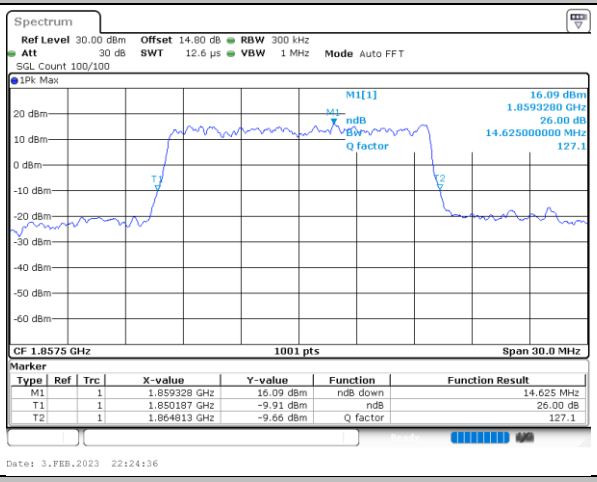


LTE Band 25

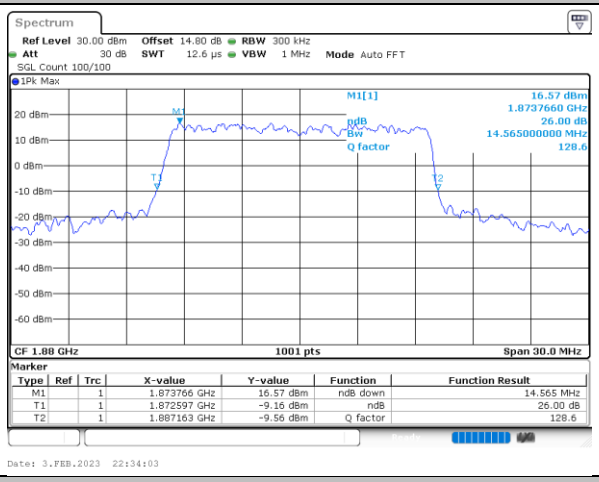
Lowest Channel / 15MHz / QPSK



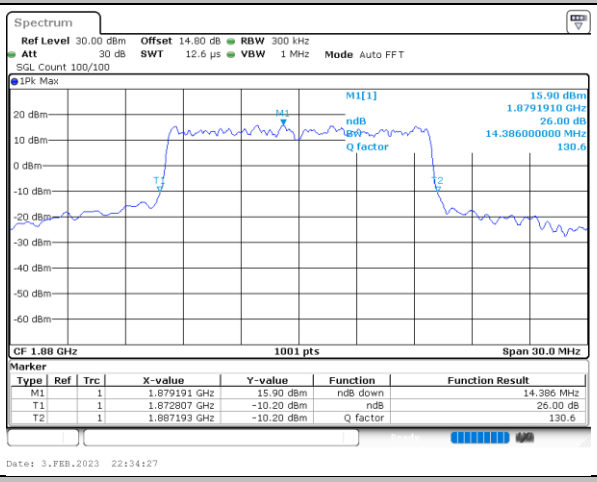
Lowest Channel / 15MHz / 16QAM



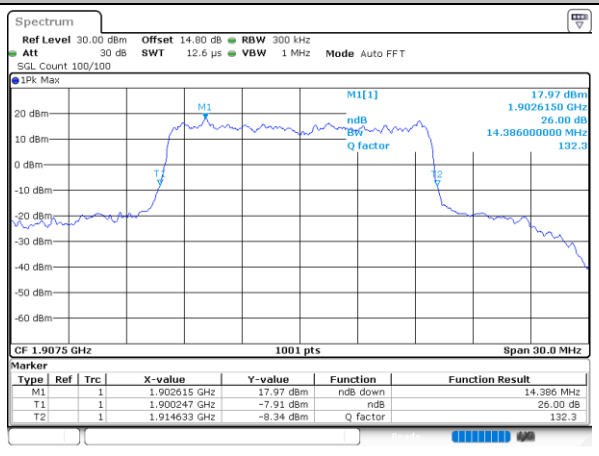
Middle Channel / 15MHz / QPSK



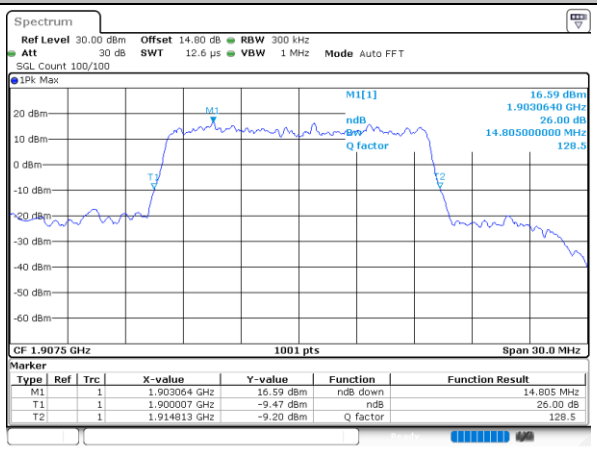
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

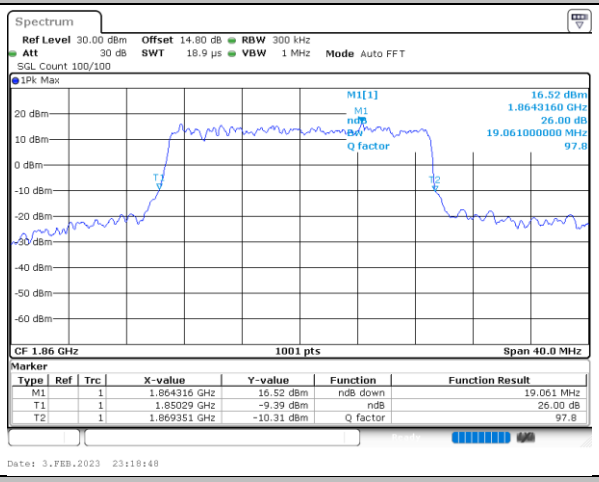


Highest Channel / 15MHz / 16QAM

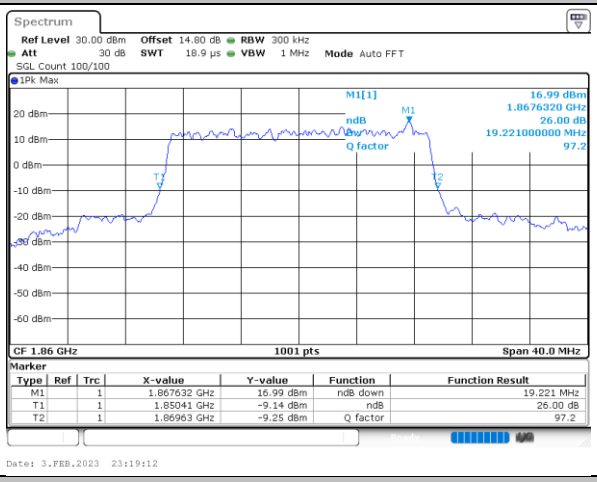


LTE Band 25

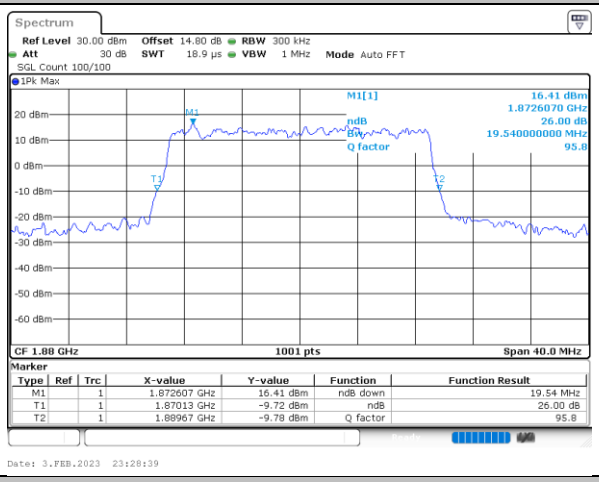
Lowest Channel / 20MHz / QPSK



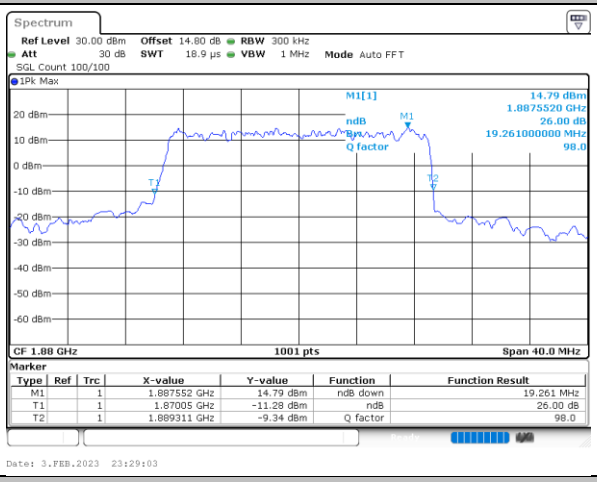
Lowest Channel / 20MHz / 16QAM



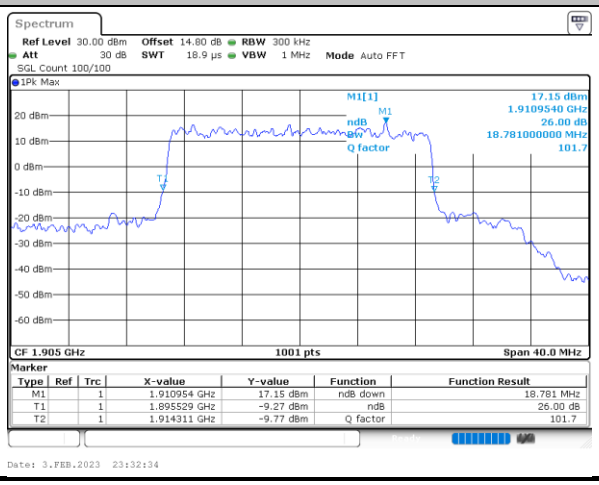
Middle Channel / 20MHz / QPSK



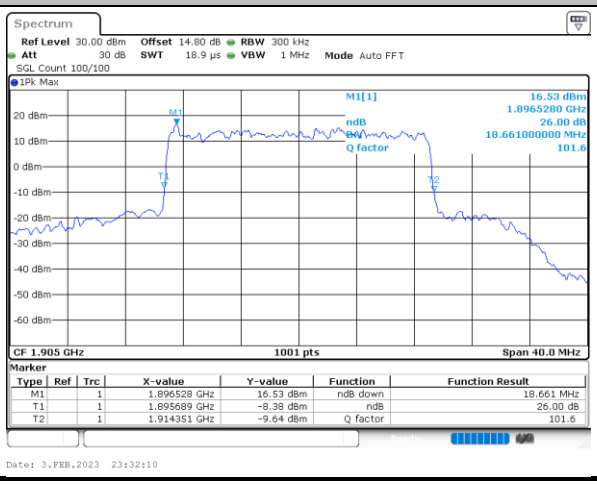
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

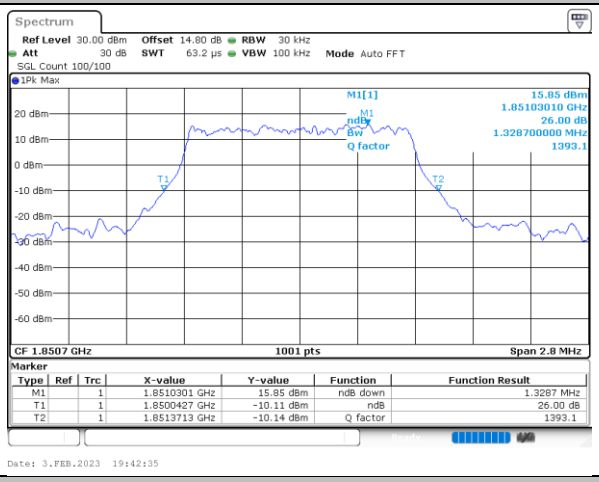


Highest Channel / 20MHz / 16QAM

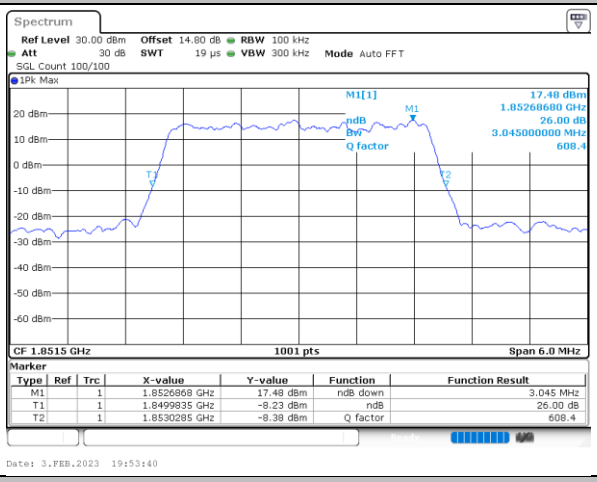


LTE Band 25

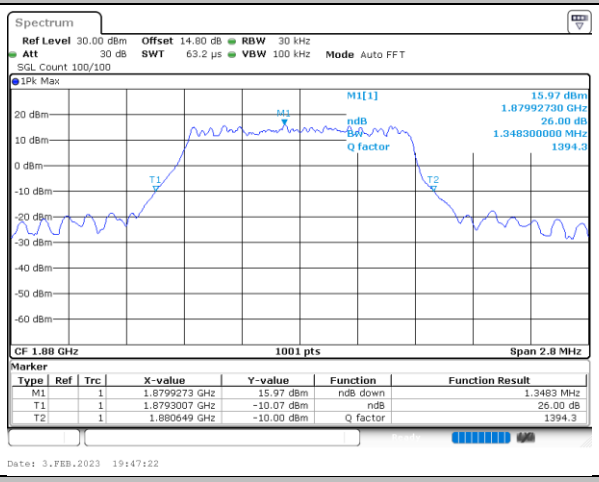
Lowest Channel / 1.4MHz / 64QAM



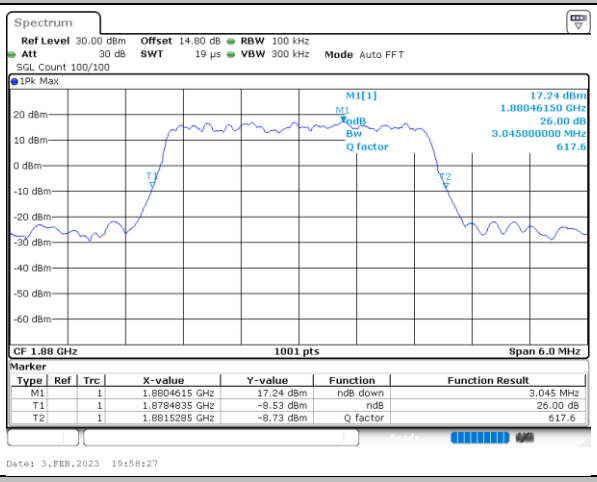
Lowest Channel / 3MHz / 64QAM



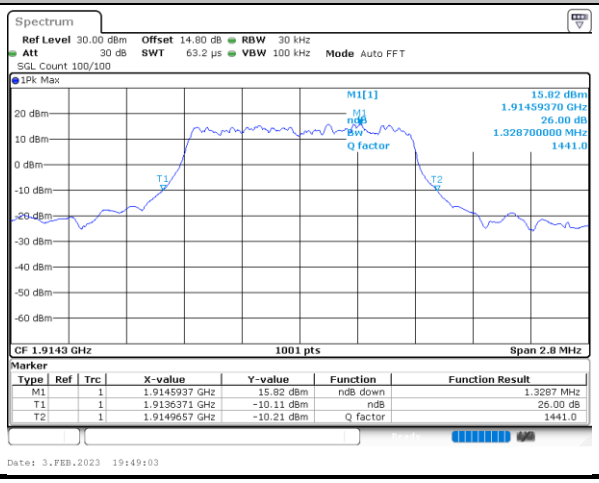
Middle Channel / 1.4MHz / 64QAM



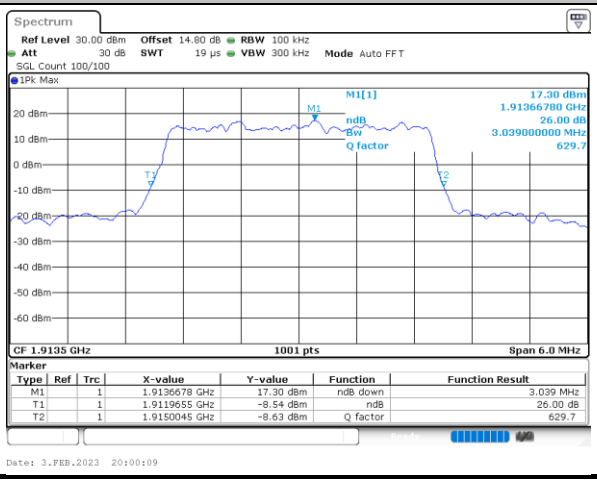
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

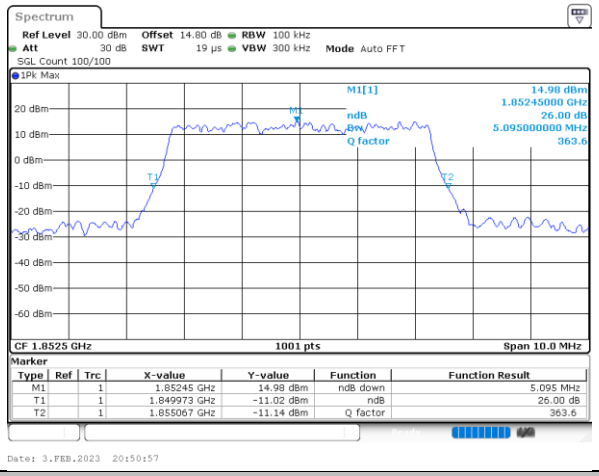


Highest Channel / 3MHz / 64QAM

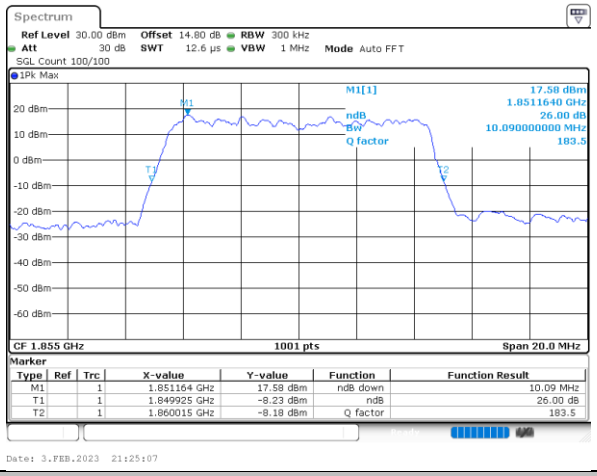


LTE Band 25

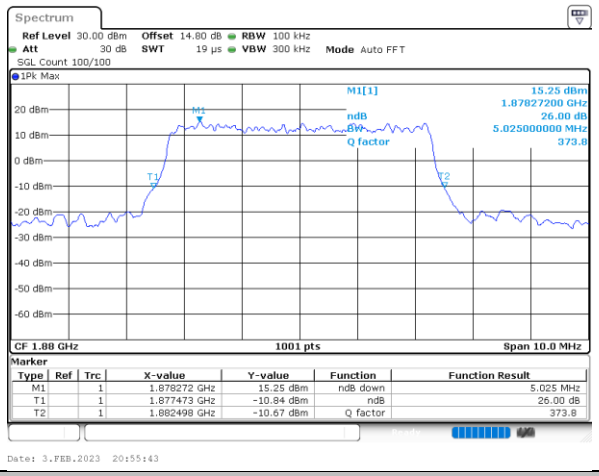
Lowest Channel / 5MHz / 64QAM



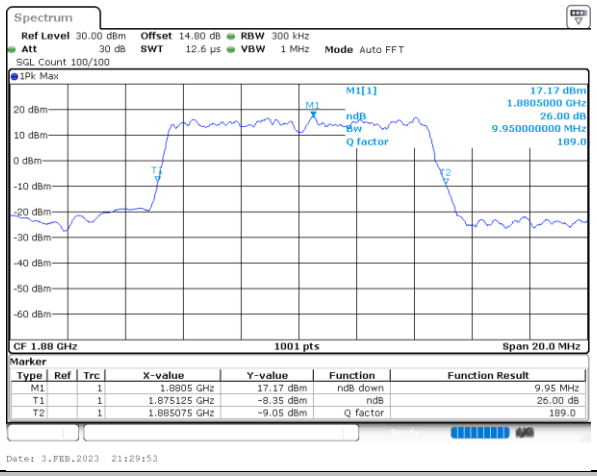
Lowest Channel / 10MHz / 64QAM



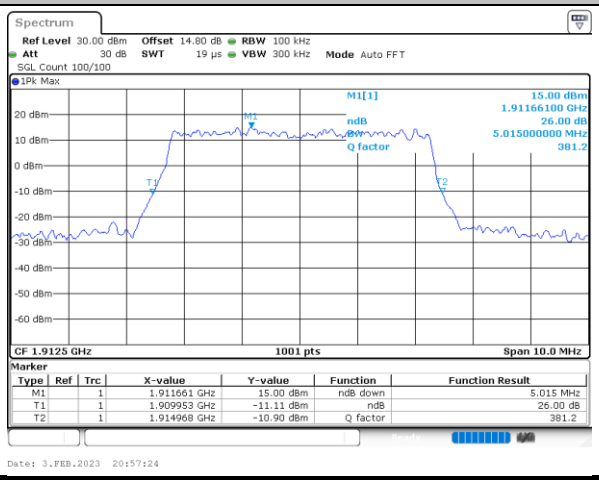
Middle Channel / 5MHz / 64QAM



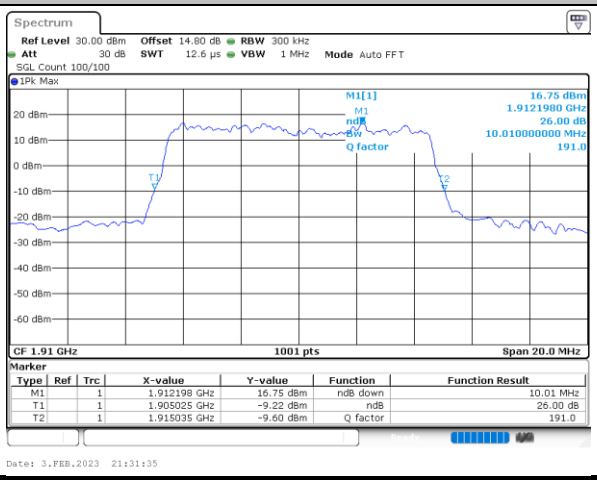
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

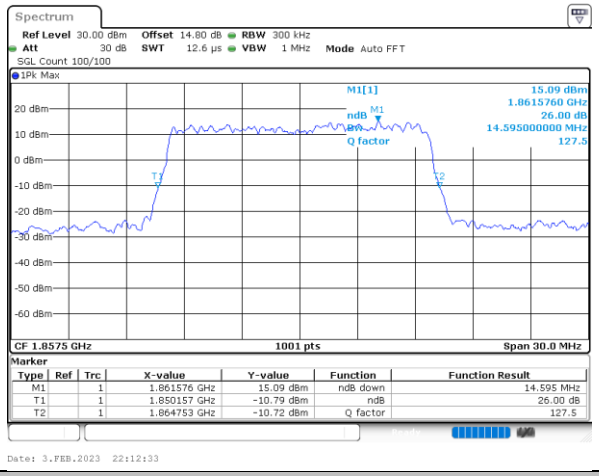


Highest Channel / 10MHz / 64QAM

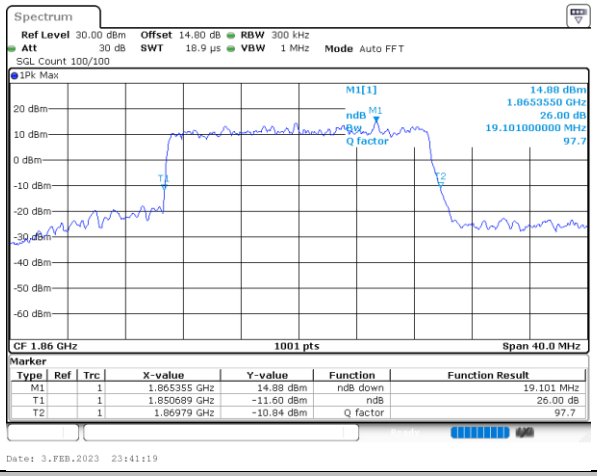


LTE Band 25

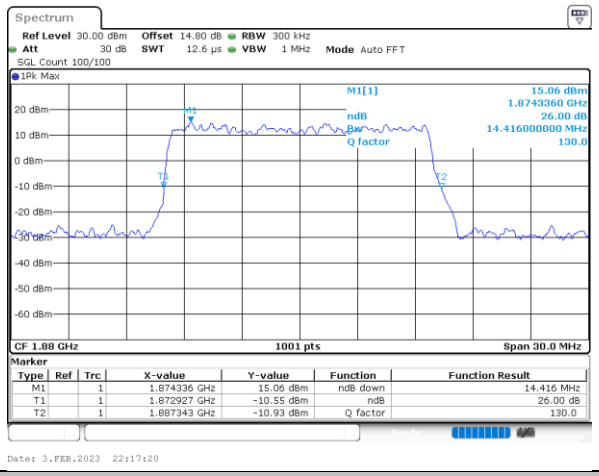
Lowest Channel / 15MHz / 64QAM



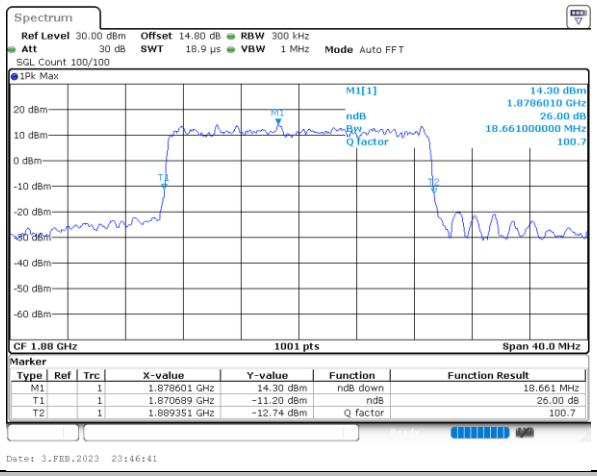
Lowest Channel / 20MHz / 64QAM



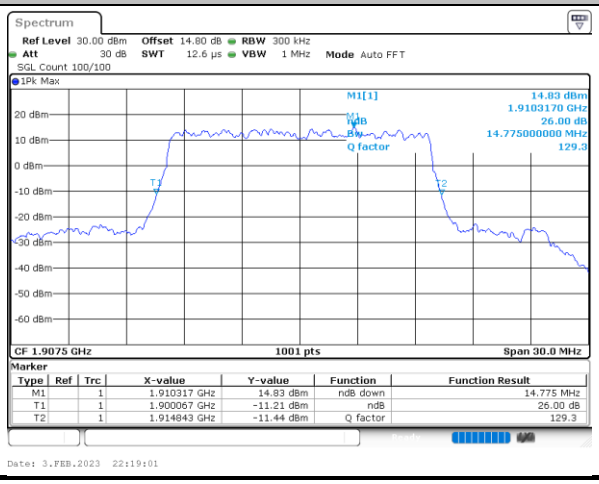
Middle Channel / 15MHz / 64QAM



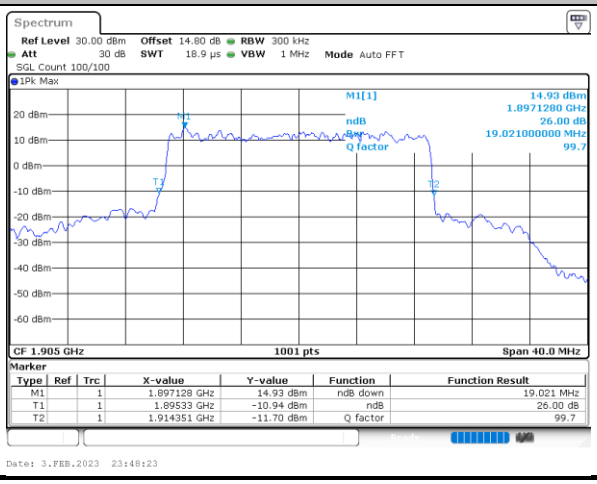
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

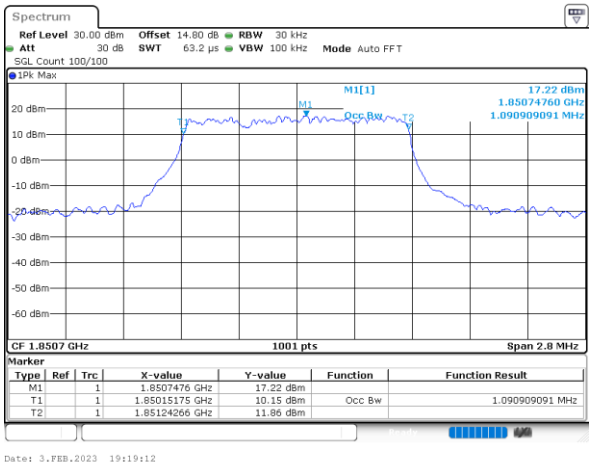


Occupied Bandwidth

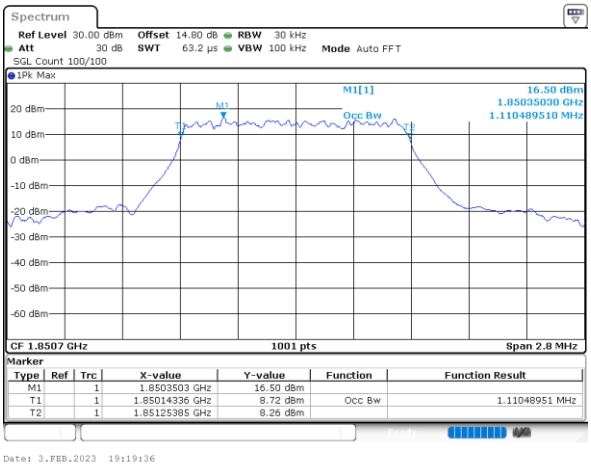
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.11	2.71	2.74	4.49	4.51	9.07	9.05	13.49	13.46	17.86	17.82
Middle CH	1.10	1.11	2.74	2.71	4.51	4.49	9.09	9.09	13.40	13.52	17.90	17.86
Highest CH	1.10	1.09	2.74	2.72	4.49	4.51	9.05	9.07	13.43	13.43	17.90	17.90
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.51	-	9.03	-	13.40	-	17.86	-
Middle CH	1.11	-	2.73	-	4.49	-	9.05	-	13.55	-	17.90	-
Highest CH	1.09	-	2.72	-	4.48	-	9.07	-	13.46	-	17.90	-

LTE Band 25

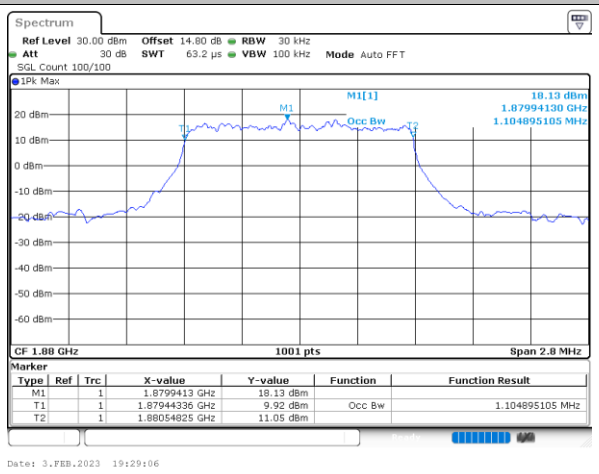
Lowest Channel / 1.4MHz / QPSK



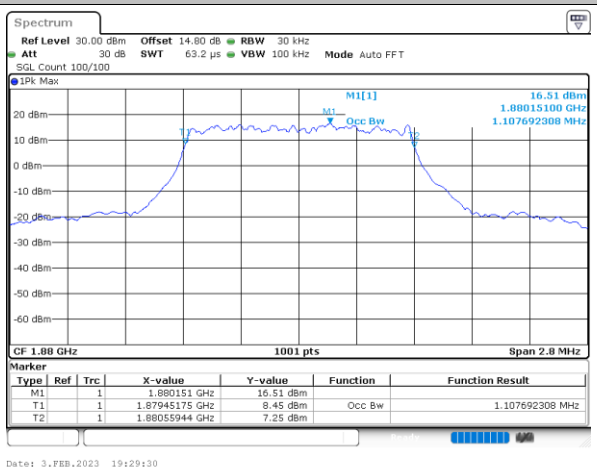
Lowest Channel / 1.4MHz / 16QAM



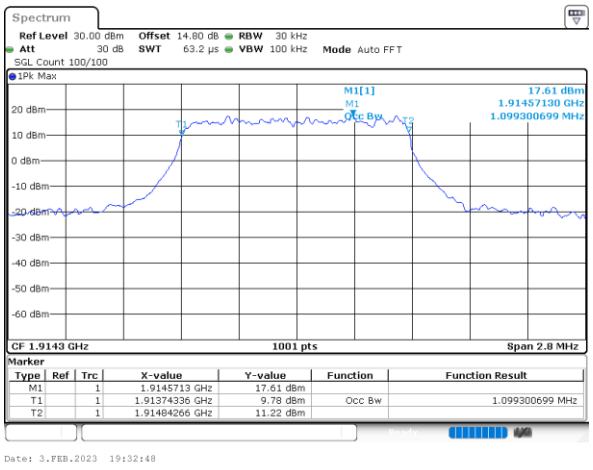
Middle Channel / 1.4MHz / QPSK



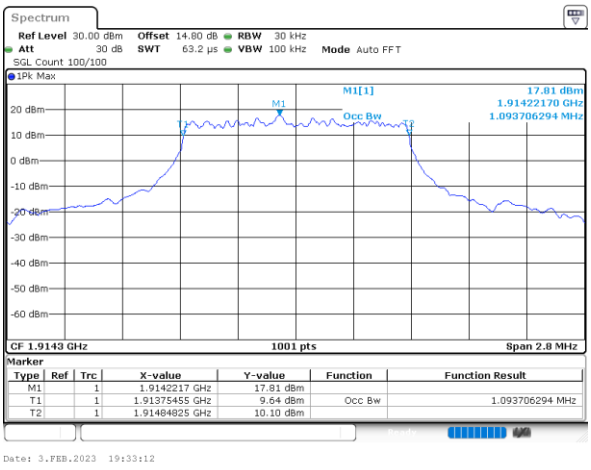
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

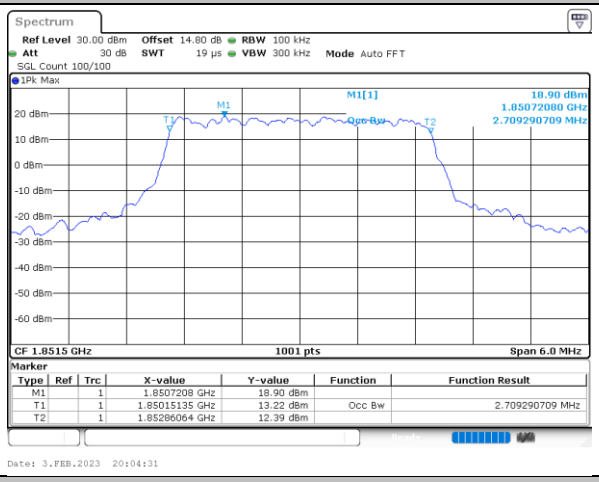


Highest Channel / 1.4MHz / 16QAM

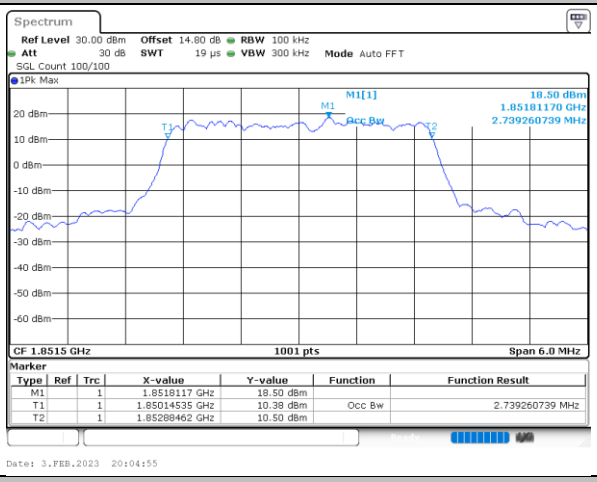


LTE Band 25

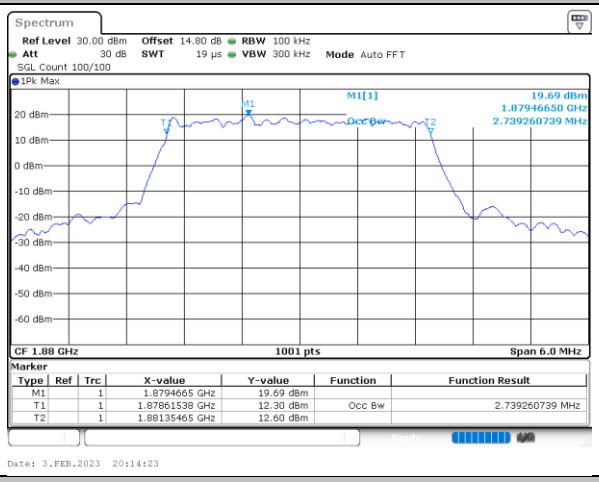
Lowest Channel / 3MHz / QPSK



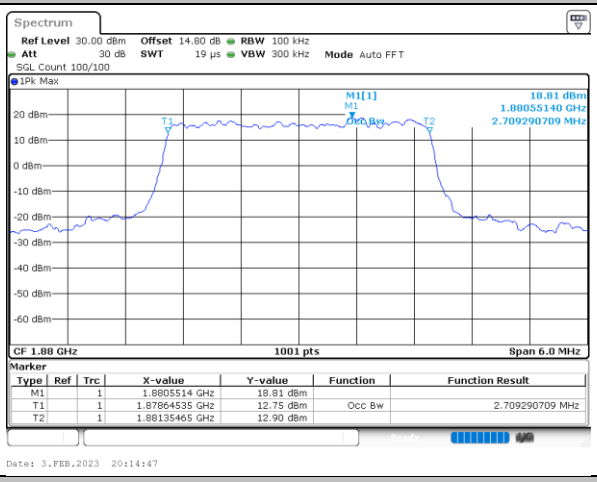
Lowest Channel / 3MHz / 16QAM



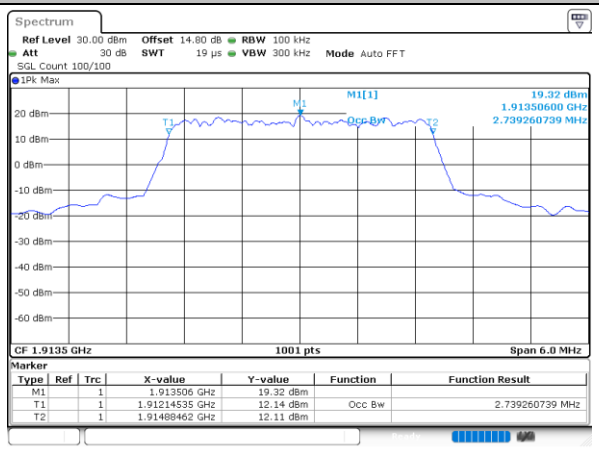
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM