



FCC RF Test Report

APPLICANT : KYOCERA Corporation
EQUIPMENT : Mobile phone
BRAND NAME : KYOCERA
MODEL NAME : EB1241
FCC ID : JOYEB1241
STANDARD : 47 CFR Part 22(H), 24(E), 27(L), 27(H), 27(M)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Nov. 03, 2025 ~ Dec. 15, 2025

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.

Fly Liang

Approved by: Fly Liang



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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG590207B	Rev. 01	Initial issue of report	Dec. 18, 2025

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)	ERP < 7 Watt	PASS	-
	§27.50(c)(10)	Effective Radiated Power (Band 12)	ERP < 3 Watt		-
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 38) (Band 41)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4)	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(g) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (Band 38) (Band 41)	§27.53(m)(4)		
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(g) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		
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		



Report Section	FCC Rule	Description	Limit	Result	Remark
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(g) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12)	$< 43 + 10\log_{10}(P[\text{Watts}])$	PASS	Under limit 26.28 dB at 10336.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 38) (Band 41)	$< 55 + 10\log_{10}(P[\text{Watts}])$		

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Applicant

KYOCERA Corporation

Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan

1.2 Manufacturer

KYOCERA Corporation

Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile phone
Brand Name	KYOCERA
Model Name	EB1241
FCC ID	JOYEB1241
IMEI/SN Code	Conducted: HCAA59NKWR604RCD Radiation: 357262660030375/357262660030383
HW Version	DVT2
SW Version	sys_mssi_64_ww_armv82-userdebug 16 BP2A.250605.031.A3 local_1014_0154 test-keys
EUT Stage	Identical Prototype

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 12 : 699 MHz ~ 716 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 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 12 : 729 MHz ~ 746 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 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 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT0> LTE Band 2 : 18.92 dBm LTE Band 4 : 20.19 dBm LTE Band 5 : 24.50 dBm LTE Band 12 : 24.15 dBm <ANT1> LTE Band 38 : 24.06 dBm LTE Band 41 : 24.07 dBm LTE CA_41C : 23.91 dBm
Antenna Gain	<ANT0> LTE Band 2 : 0.26 dBi LTE Band 4 : 0.82 dBi LTE Band 5 : -2.4 dBi LTE Band 12 : -2.2 dBi <ANT1> LTE Band 38 : 0.2 dBi LTE Band 41 : 0.2 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

1.5 Modification of EUT

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



1.6 Maximum ERP/EIRP Power and Emission Designator

LTE Band 2		QPSK		16QAM/64QAM	
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	0.0811	1M09G7D	0.0647	1M10W7D
3	1851.5 ~ 1908.5	0.0820	2M70G7D	0.0813	2M73W7D
5	1852.5 ~ 1907.5	0.0820	4M48G7D	0.0818	4M49W7D
10	1855.0 ~ 1905.0	0.0817	8M99G7D	0.0818	9M03W7D
15	1857.5 ~ 1902.5	0.0813	13M4G7D	0.0811	13M5W7D
20	1860.0 ~ 1900.0	0.0828	17M9G7D	0.0828	17M9W7D
LTE Band 4		QPSK		16QAM/64QAM	
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	0.1236	1M10G7D	0.0991	1M09W7D
3	1711.5 ~ 1753.5	0.1242	2M73G7D	0.1250	2M72W7D
5	1712.5 ~ 1752.5	0.1233	4M50G7D	0.1247	4M48W7D
10	1715.0 ~ 1750.0	0.1239	9M05G7D	0.1245	9M05W7D
15	1717.5 ~ 1747.5	0.1242	13M5G7D	0.1256	13M5W7D
20	1720.0 ~ 1745.0	0.1262	17M8G7D	0.1262	17M9W7D
LTE Band 5		QPSK		16QAM/64QAM	
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	0.0964	1M10G7D	0.0782	1M09W7D
3	825.5 ~ 847.5	0.0979	2M71G7D	0.0783	2M71W7D
5	826.5 ~ 846.5	0.0977	4M48G7D	0.0771	4M50W7D
10	829.0 ~ 844.0	0.0989	9M07G7D	0.0791	9M03W7D
LTE Band 12		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.0938	1M09G7D	0.0774	1M09W7D
3	700.5 ~ 714.5	0.0942	2M72G7D	0.0783	2M71W7D
5	701.5 ~ 713.5	0.0953	4M49G7D	0.0769	4M50W7D
10	704.0 ~ 711.0	0.0955	8M93G7D	0.0794	9M01W7D

LTE Band 38		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.2606	4M50G7D	0.2023	4M49W7D
10	2575.0 ~ 2615.0	0.2630	9M07G7D	0.1995	8M97W7D
15	2577.5 ~ 2612.5	0.2655	13M5G7D	0.2004	13M4W7D
20	2580.0 ~ 2610.0	0.2667	18M0G7D	0.2046	17M8W7D
LTE Band 41		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.2606	4M50G7D	0.2004	4M49W7D
10	2501.0 ~ 2685.0	0.2588	9M07G7D	0.2032	8M97W7D
15	2503.5 ~ 2682.5	0.2612	13M5G7D	0.2018	13M4W7D
20	2506.0 ~ 2680.0	0.2673	18M0G7D	0.2037	17M8W7D
LTE Band 41 CA		QPSK		16QAM/64QAM	
BW (MHz)		Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz		0.2553	23M2G7D	0.2070	23M3W7D
10MHz+20MHz		0.2570	28M1G7D	0.2032	28M1W7D
10MHz+15MHz		0.2547	23M5G7D	0.2075	23M5W7D
15MHz+15MHz		0.2535	28M7G7D	0.2042	28M6W7D
15MHz+20MHz		0.2559	32M9G7D	0.2061	32M8W7D
15MHz+10MHz		0.2535	23M5G7D	0.2042	23M5W7D
20MHz+5MHz		0.2472	23M3G7D	0.2023	23M3W7D
20MHz+10MHz		0.2570	28M2G7D	0.2046	28M1W7D
20MHz+15MHz		0.2500	32M9G7D	0.2014	32M9W7D
20MHz+20MHz		0.2576	37M7G7D	0.2065	37M6W7D

Note:

1. LTE Band 41 overlaps the entire frequency range of LTE Band 38. Therefore, the test results provided in this report covers Band 41 as well as Band 38.
2. 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	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ; 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 22(H), 24(E), 27(L), 27(H), 27(M)
- ♦ 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. (Y Plane)

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	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
	4	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
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	2						v	v	v	v			v		v	
	4						v	v	v	v			v		v	
	5				v	-	-	v	v	v			v		v	
	12				v	-	-	v	v	v			v		v	
	41	-	-				v	v	v	v			v		v	
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v				v		v	
	4	v	v	v	v	v	v	v	v				v		v	
	5	v	v	v	v	-	-	v	v				v		v	
	12	v	v	v	v	-	-	v	v				v		v	
	41	-	-	v	v	v	v	v	v				v		v	
Conducted Band Edge	2	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
	5	v	v	v	v	-	-	v	v	v	v		v	v		v
	12	v	v	v	v	-	-	v	v	v	v		v	v		v
	41	-	-	v	v	v	v	v	v	v	v		v	v		v

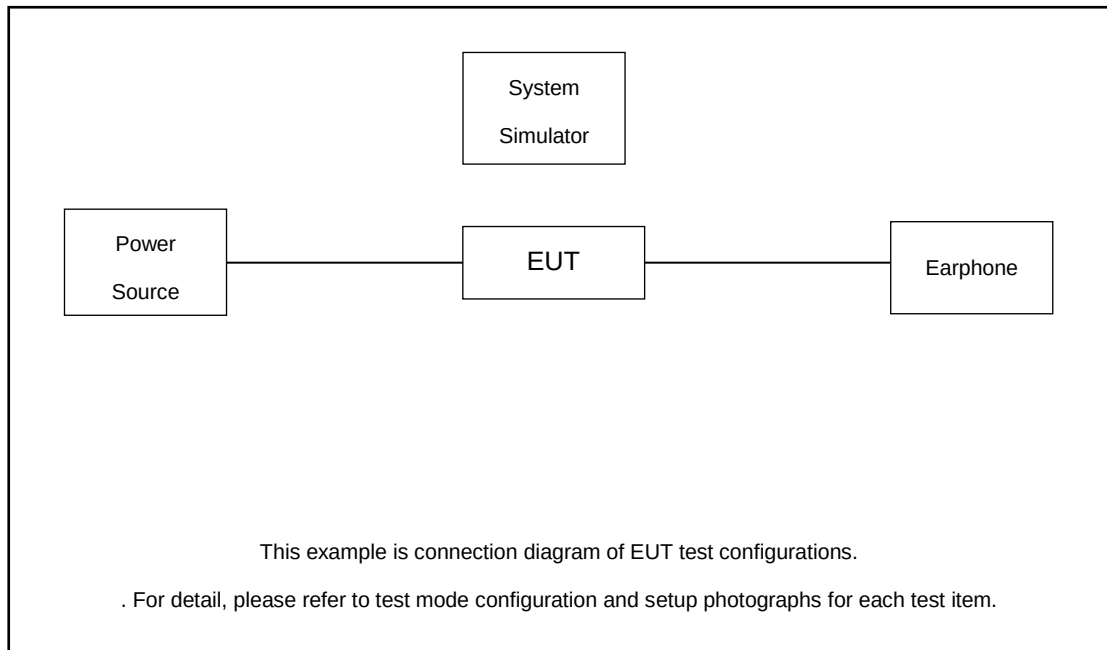


Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Conducted Spurious Emission	2	v	v	v	v	v	v	v			v			v	v	v
	4	v	v	v	v	v	v	v			v			v	v	v
	5	v	v	v	v	-	-	v			v			v	v	v
	12	v	v	v	v	-	-	v			v			v	v	v
	41	-	-	v	v	v	v	v			v			v	v	v
Frequency Stability	2				v			v					v		v	
	4				v			v					v		v	
	5				v	-	-	v					v		v	
	12				v	-	-	v					v		v	
	41	-	-		v			v					v		v	
E.R.P / E.I.R.P	2	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
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	2	Worst Case													v	
	4	Worst Case													v	
	5	Worst Case													v	
	12	Worst Case													v	
	41	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.															



Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v			v	v	v
26dB and 99% Bandwidth	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v		-			v		v	
Conducted Band Edge	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v		v	v		v
Conducted Spurious Emission	41C_CA	v	v	v	v	v	v	v	v	v	v	v			-	v			v	v	v
E.I.R.P.	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v			v	v	v
Radiated Spurious Emission	41C_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.																				

2.2 Connection Diagram of Test System



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	N/A	N/A	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 4.5 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.5 + 10 = 14.5 \text{ (dB)}
 \end{aligned}$$



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

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580	2595	2610
15	Channel	37825	38000	38175
	Frequency	2577.5	2595	2612.5
10	Channel	37800	38000	38200
	Frequency	2575	2595	2615
5	Channel	37775	38000	38225
	Frequency	2572.5	2595	2617.5



LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506	2593	2680
15	Channel	39725	40620	41515
	Frequency	2503.5	2593	2682.5
10	Channel	39700	40620	41540
	Frequency	2501	2593	2685
5	Channel	39675	40620	41565
	Frequency	2498.5	2593	2687.5

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



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

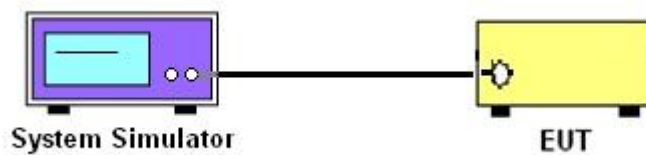
3 Conducted Test Items

3.1 Measuring Instruments

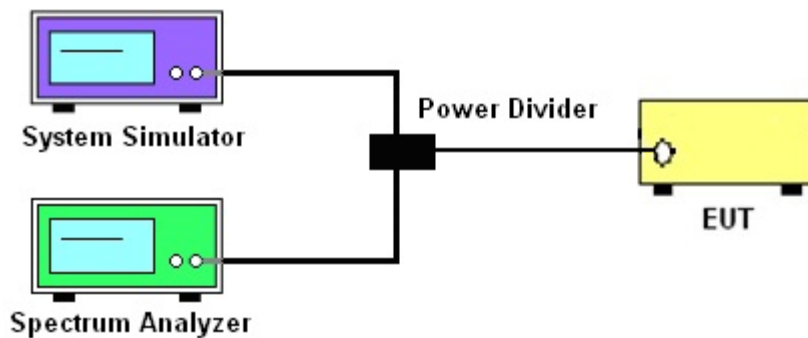
See list of measuring instruments of this test report.

3.2 Test Setup

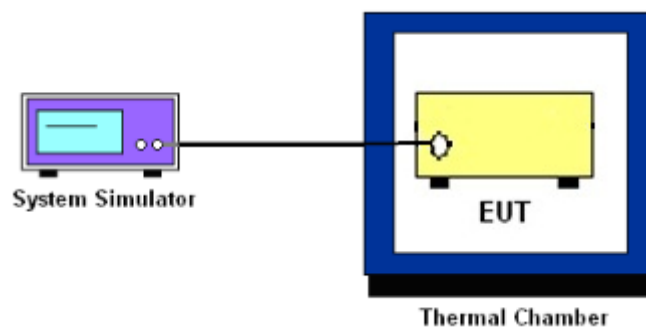
3.2.1 Conducted Output Power



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.

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12.

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 38 and Band 41.

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

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

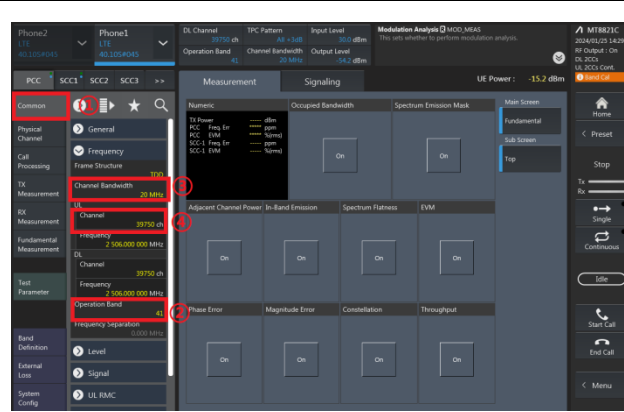
3.4.2 Test Procedures

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.

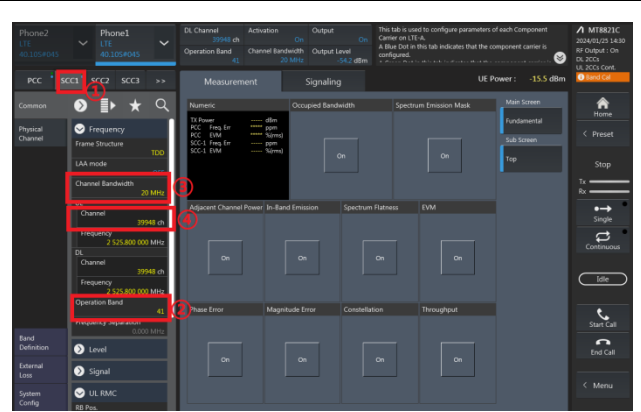
3.4.3 Test Procedures for LTE ULCA

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter PCC & SCC output ports were connected to the system simulator.
3. Set EUT at maximum power, set the PCC/SCC CA band, channel, bandwidth and RB config.

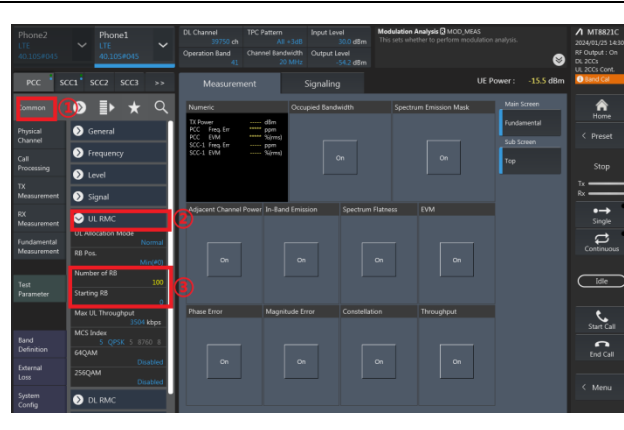
PCC config_ (Channel Bandwidth / Channel / Band)



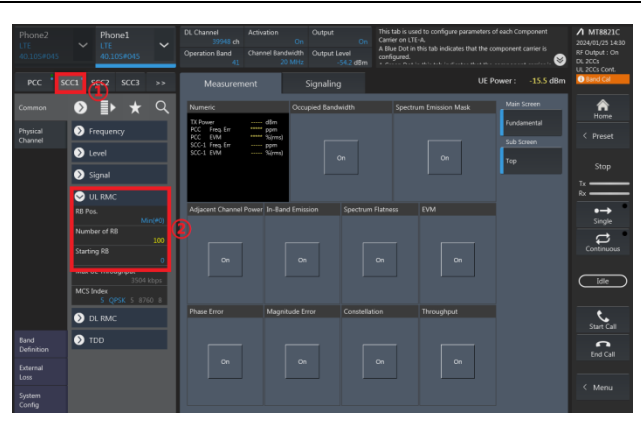
SCC config_ (Channel Bandwidth / Channel / Band)



PCC config_ (Number of RB / Starting RB)

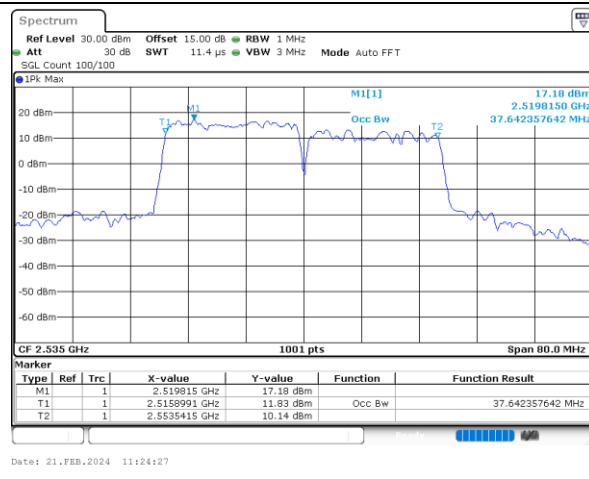


SCC config_ (Number of RB / Starting RB)

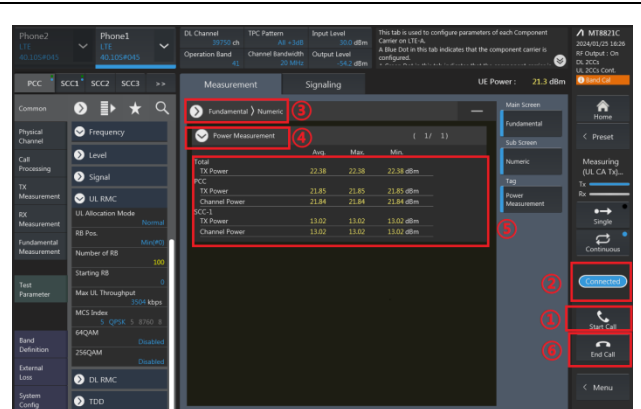


4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

Check the ULCA spectrum (eg. 20M+20M)



Read the Total UL CA output power (PCC+SCC)



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

24.238 (a)

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

27.53 (g)

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

27.53 (h)

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

27.53(m)(4)

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

3.7.2 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 $\geq 1\%$ 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 or a narrower RBW was used and the measured power was integrated over the full required measurement bandwidth of 1 MHz.
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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm}.$$

9. For LTE Band 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. 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.

For Band 38,41:

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

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

3.8.2 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.
11. For Band 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.

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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) 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 -30°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 $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.

The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.

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.

The variation in frequency was measured for the worst case.

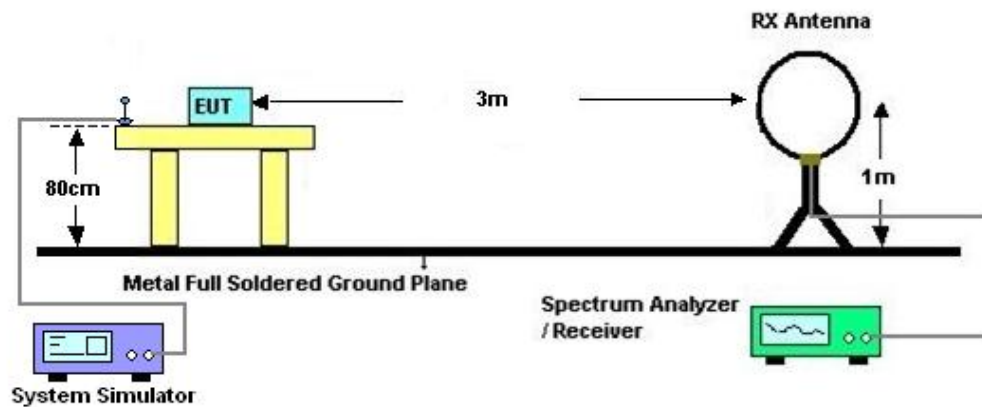
4 Radiated Test Items

4.1 Measuring Instruments

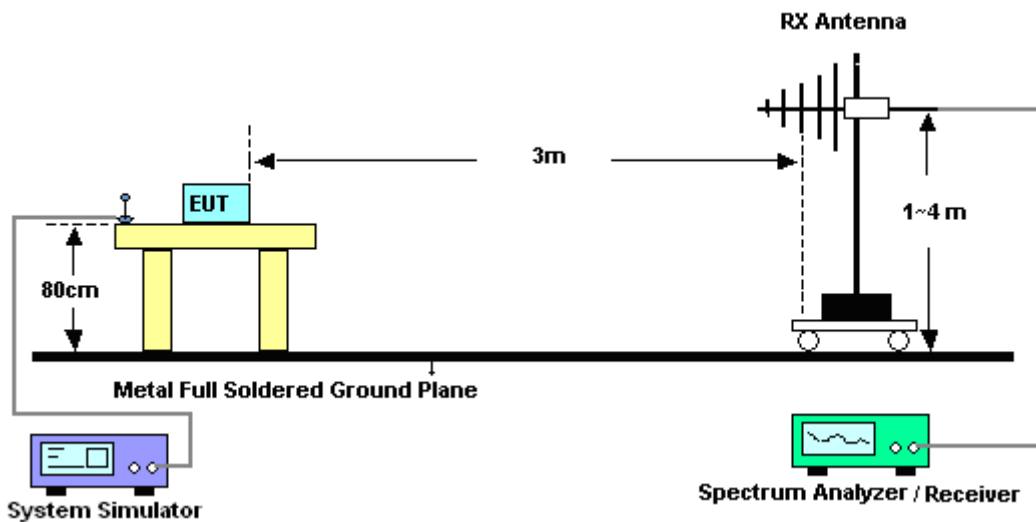
See list of measuring instruments of this test report.

4.2 Test Setup

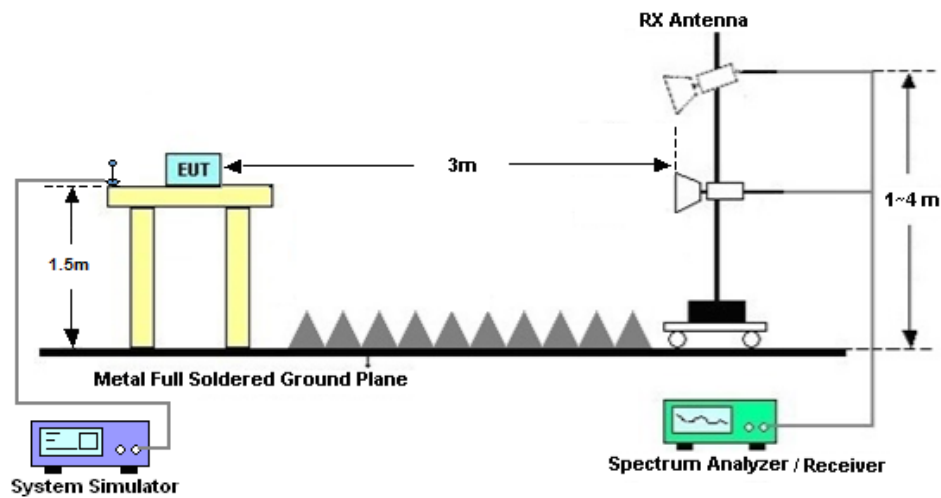
4.2.1 For radiated test below 30MHz



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.

For Band 38, 41

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

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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$

13. For Band 38, 41:

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



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. 02, 2025	Nov. 03, 2025~ Dec. 15, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 13, 2025	Nov. 03, 2025~ Dec. 15, 2025	Oct. 12, 2026	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Nov. 03, 2025~ Dec. 15, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 07, 2025		Nov. 06, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Nov. 03, 2025~ Dec. 15, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Nov. 17, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Nov. 17, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2025	Nov. 17, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2025	Nov. 17, 2025	Oct. 23, 2027	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Nov. 17, 2025	Jul. 03, 2026	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Nov. 17, 2025	Apr. 02, 2027	Radiation (03CH01-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Nov. 17, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P-R	1943528	1GHz~18GHz	Oct. 14, 2025	Nov. 17, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2025	Nov. 17, 2025	Jul. 02, 2026	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2025	Nov. 17, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Nov. 17, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Nov. 17, 2025	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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 Spurious Emission & Bandedge	± 1.34 dB
Occupied Channel Bandwidth	± 0.012 MHz
Conducted Power	± 1.34 dB
Peak to Average Ratio	± 1.34 dB
Frequency Stability	± 1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.48dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

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

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

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



Appendix A. Test Results of Conducted Test

Test Engineer :	Nina Cheng	Temperature :	24~26°C
		Relative Humidity :	50~53%

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 2_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	18.85	18.92	18.77	0.0815	0.0828	0.0800
20	QPSK	1	49	18.66	18.88	18.65	0.0780	0.0820	0.0778
20	QPSK	1	99	18.58	18.73	18.57	0.0766	0.0793	0.0764
20	QPSK	50	0	18.71	18.90	18.74	0.0789	0.0824	0.0794
20	QPSK	50	24	18.59	18.78	18.48	0.0767	0.0802	0.0748
20	QPSK	50	50	18.63	18.82	18.64	0.0774	0.0809	0.0776
20	QPSK	100	0	18.77	18.88	18.65	0.0800	0.0820	0.0778
20	16QAM	1	0	18.73	18.87	18.69	0.0793	0.0818	0.0785
20	16QAM	1	49	18.68	18.82	18.57	0.0783	0.0809	0.0764
20	16QAM	1	99	18.71	18.89	18.71	0.0789	0.0822	0.0789
20	16QAM	50	0	18.65	18.80	18.61	0.0778	0.0805	0.0771
20	16QAM	50	24	18.70	18.82	18.61	0.0787	0.0809	0.0771
20	16QAM	50	50	18.61	18.73	18.57	0.0771	0.0793	0.0764
20	16QAM	100	0	18.55	18.76	18.59	0.0760	0.0798	0.0767
20	64QAM	1	0	18.76	18.84	18.68	0.0798	0.0813	0.0783
20	64QAM	1	49	18.66	18.75	18.51	0.0780	0.0796	0.0753
20	64QAM	1	99	18.58	18.73	18.47	0.0766	0.0793	0.0746
20	64QAM	50	0	18.63	18.73	18.47	0.0774	0.0793	0.0746
20	64QAM	50	24	18.75	18.86	18.68	0.0796	0.0817	0.0783
20	64QAM	50	50	18.80	18.88	18.61	0.0805	0.0820	0.0771
20	64QAM	100	0	18.75	18.92	18.73	0.0796	0.0828	0.0793
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	18.84	18.84	18.68	0.0813	0.0813	0.0783
15	QPSK	1	37	18.61	18.78	18.63	0.0771	0.0802	0.0774
15	QPSK	1	74	18.49	18.63	18.54	0.0750	0.0774	0.0759
15	QPSK	36	0	18.70	18.84	18.62	0.0787	0.0813	0.0773
15	QPSK	36	20	18.44	18.71	18.38	0.0741	0.0789	0.0731
15	QPSK	36	39	18.51	18.71	18.59	0.0753	0.0789	0.0767
15	QPSK	75	0	18.63	18.78	18.57	0.0774	0.0802	0.0764
15	16QAM	1	0	18.61	18.83	18.57	0.0771	0.0811	0.0764
15	16QAM	1	37	18.56	18.72	18.49	0.0762	0.0791	0.0750



15	16QAM	1	74	18.62	18.79	18.63	0.0773	0.0804	0.0774
15	16QAM	36	0	18.62	18.67	18.55	0.0773	0.0782	0.0760
15	16QAM	36	20	18.65	18.70	18.53	0.0778	0.0787	0.0757
15	16QAM	36	39	18.53	18.69	18.49	0.0757	0.0785	0.0750
15	16QAM	75	0	18.52	18.65	18.48	0.0755	0.0778	0.0748
15	64QAM	1	0	18.65	18.71	18.56	0.0778	0.0789	0.0762
15	64QAM	1	37	18.52	18.72	18.39	0.0755	0.0791	0.0733
15	64QAM	1	74	18.44	18.65	18.42	0.0741	0.0778	0.0738
15	64QAM	36	0	18.52	18.72	18.37	0.0755	0.0791	0.0729
15	64QAM	36	20	18.63	18.76	18.67	0.0774	0.0798	0.0782
15	64QAM	36	39	18.65	18.78	18.52	0.0778	0.0802	0.0755
15	64QAM	75	0	18.61	18.79	18.62	0.0771	0.0804	0.0773
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	18.80	18.78	18.73	0.0805	0.0802	0.0793
10	QPSK	1	25	18.53	18.86	18.51	0.0757	0.0817	0.0753
10	QPSK	1	49	18.54	18.63	18.42	0.0759	0.0774	0.0738
10	QPSK	25	0	18.61	18.86	18.72	0.0771	0.0817	0.0791
10	QPSK	25	12	18.51	18.68	18.41	0.0753	0.0783	0.0736
10	QPSK	25	25	18.52	18.68	18.63	0.0755	0.0783	0.0774
10	QPSK	50	0	18.62	18.82	18.53	0.0773	0.0809	0.0757
10	16QAM	1	0	18.60	18.85	18.61	0.0769	0.0815	0.0771
10	16QAM	1	25	18.54	18.72	18.56	0.0759	0.0791	0.0762
10	16QAM	1	49	18.61	18.77	18.64	0.0771	0.0800	0.0776
10	16QAM	25	0	18.53	18.73	18.55	0.0757	0.0793	0.0760
10	16QAM	25	12	18.65	18.80	18.55	0.0778	0.0805	0.0760
10	16QAM	25	25	18.53	18.59	18.46	0.0757	0.0767	0.0745
10	16QAM	50	0	18.50	18.62	18.52	0.0752	0.0773	0.0755
10	64QAM	1	0	18.74	18.72	18.65	0.0794	0.0791	0.0778
10	64QAM	1	25	18.52	18.73	18.45	0.0755	0.0793	0.0743
10	64QAM	1	49	18.55	18.63	18.39	0.0760	0.0774	0.0733
10	64QAM	25	0	18.54	18.63	18.32	0.0759	0.0774	0.0721
10	64QAM	25	12	18.63	18.82	18.64	0.0774	0.0809	0.0776
10	64QAM	25	25	18.76	18.81	18.50	0.0798	0.0807	0.0752
10	64QAM	50	0	18.64	18.87	18.68	0.0776	0.0818	0.0783
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	18.74	18.85	18.75	0.0794	0.0815	0.0796
5	QPSK	1	12	18.54	18.75	18.53	0.0759	0.0796	0.0757
5	QPSK	1	24	18.49	18.63	18.53	0.0750	0.0774	0.0757
5	QPSK	12	0	18.60	18.88	18.69	0.0769	0.0820	0.0785
5	QPSK	12	7	18.48	18.74	18.40	0.0748	0.0794	0.0735
5	QPSK	12	13	18.60	18.76	18.59	0.0769	0.0798	0.0767
5	QPSK	25	0	18.67	18.75	18.50	0.0782	0.0796	0.0752
5	16QAM	1	0	18.63	18.79	18.60	0.0774	0.0804	0.0769
5	16QAM	1	12	18.61	18.76	18.48	0.0771	0.0798	0.0748
5	16QAM	1	24	18.69	18.87	18.59	0.0785	0.0818	0.0767



5	16QAM	12	0	18.63	18.72	18.47	0.0774	0.0791	0.0746
5	16QAM	12	7	18.67	18.77	18.56	0.0782	0.0800	0.0762
5	16QAM	12	13	18.47	18.66	18.43	0.0746	0.0780	0.0740
5	16QAM	25	0	18.53	18.70	18.53	0.0757	0.0787	0.0757
5	64QAM	1	0	18.69	18.73	18.59	0.0785	0.0793	0.0767
5	64QAM	1	12	18.52	18.61	18.38	0.0755	0.0771	0.0731
5	64QAM	1	24	18.51	18.70	18.38	0.0753	0.0787	0.0731
5	64QAM	12	0	18.60	18.71	18.39	0.0769	0.0789	0.0733
5	64QAM	12	7	18.61	18.72	18.63	0.0771	0.0791	0.0774
5	64QAM	12	13	18.78	18.86	18.52	0.0802	0.0817	0.0755
5	64QAM	25	0	18.66	18.81	18.67	0.0780	0.0807	0.0782
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	18.83	18.88	18.71	0.0811	0.0820	0.0789
3	QPSK	1	8	18.57	18.84	18.59	0.0764	0.0813	0.0767
3	QPSK	1	14	18.49	18.70	18.53	0.0750	0.0787	0.0757
3	QPSK	8	0	18.57	18.78	18.68	0.0764	0.0802	0.0783
3	QPSK	8	4	18.50	18.70	18.38	0.0752	0.0787	0.0731
3	QPSK	8	7	18.60	18.73	18.61	0.0769	0.0793	0.0771
3	QPSK	15	0	18.69	18.81	18.55	0.0785	0.0807	0.0760
3	16QAM	1	0	18.70	18.77	18.65	0.0787	0.0800	0.0778
3	16QAM	1	8	18.54	18.75	18.53	0.0759	0.0796	0.0757
3	16QAM	1	14	18.64	18.80	18.70	0.0776	0.0805	0.0787
3	16QAM	8	0	18.60	18.72	18.48	0.0769	0.0791	0.0748
3	16QAM	8	4	18.69	18.77	18.49	0.0785	0.0800	0.0750
3	16QAM	8	7	18.54	18.67	18.53	0.0759	0.0782	0.0757
3	16QAM	15	0	18.54	18.74	18.52	0.0759	0.0794	0.0755
3	64QAM	1	0	18.65	18.78	18.61	0.0778	0.0802	0.0771
3	64QAM	1	8	18.62	18.64	18.38	0.0773	0.0776	0.0731
3	64QAM	1	14	18.47	18.62	18.41	0.0746	0.0773	0.0736
3	64QAM	8	0	18.51	18.65	18.39	0.0753	0.0778	0.0733
3	64QAM	8	4	18.74	18.84	18.62	0.0794	0.0813	0.0773
3	64QAM	8	7	18.79	18.75	18.57	0.0804	0.0796	0.0764
3	64QAM	15	0	18.61	18.83	18.72	0.0771	0.0811	0.0791
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	18.74	18.79	18.63	0.0794	0.0804	0.0774
1.4	QPSK	1	3	18.57	18.80	18.50	0.0764	0.0805	0.0752
1.4	QPSK	1	5	18.49	18.62	18.53	0.0750	0.0773	0.0757
1.4	QPSK	3	0	18.58	18.83	18.72	0.0766	0.0811	0.0791
1.4	QPSK	3	1	18.44	18.72	18.42	0.0741	0.0791	0.0738
1.4	QPSK	3	3	18.56	18.76	18.61	0.0762	0.0798	0.0771
1.4	QPSK	6	0	17.70	17.77	17.54	0.0625	0.0635	0.0603
1.4	16QAM	1	0	17.59	17.84	17.56	0.0610	0.0646	0.0605
1.4	16QAM	1	3	17.53	17.71	17.47	0.0601	0.0627	0.0593
1.4	16QAM	1	5	17.65	17.85	17.69	0.0618	0.0647	0.0624
1.4	16QAM	3	0	17.52	17.67	17.52	0.0600	0.0621	0.0600



1.4	16QAM	3	1	17.66	17.78	17.58	0.0619	0.0637	0.0608
1.4	16QAM	3	3	17.52	17.61	17.47	0.0600	0.0612	0.0593
1.4	16QAM	6	0	16.44	16.68	16.50	0.0468	0.0494	0.0474
1.4	64QAM	1	0	16.73	16.78	16.58	0.0500	0.0506	0.0483
1.4	64QAM	1	3	16.58	16.70	16.48	0.0483	0.0497	0.0472
1.4	64QAM	1	5	16.46	16.66	16.37	0.0470	0.0492	0.0460
1.4	64QAM	3	0	16.51	16.66	16.32	0.0475	0.0492	0.0455
1.4	64QAM	3	1	16.62	16.80	16.59	0.0488	0.0508	0.0484
1.4	64QAM	3	3	16.77	16.75	16.56	0.0505	0.0502	0.0481
1.4	64QAM	6	0	15.69	15.78	15.61	0.0394	0.0402	0.0386

LTE Band 4_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745	L	M	H
20	QPSK	1	0	20.13	20.19	20.16	0.1245	0.1262	0.1253
20	QPSK	1	49	19.97	20.10	20.02	0.1199	0.1236	0.1213
20	QPSK	1	99	19.80	19.97	19.84	0.1153	0.1199	0.1164
20	QPSK	50	0	20.08	20.15	19.98	0.1230	0.1250	0.1202
20	QPSK	50	24	19.96	20.07	19.93	0.1197	0.1227	0.1189
20	QPSK	50	50	20.00	20.10	19.94	0.1208	0.1236	0.1191
20	QPSK	100	0	19.94	20.13	19.97	0.1191	0.1245	0.1199
20	16QAM	1	0	19.78	19.97	19.82	0.1148	0.1199	0.1159
20	16QAM	1	49	19.97	20.16	20.04	0.1199	0.1253	0.1219
20	16QAM	1	99	19.92	20.05	19.88	0.1186	0.1222	0.1175
20	16QAM	50	0	20.05	20.14	20.03	0.1222	0.1247	0.1216
20	16QAM	50	24	19.93	20.11	19.96	0.1189	0.1239	0.1197
20	16QAM	50	50	19.87	19.97	19.84	0.1172	0.1199	0.1164
20	16QAM	100	0	20.11	20.19	20.08	0.1239	0.1262	0.1230
20	64QAM	1	0	20.07	20.16	20.08	0.1227	0.1253	0.1230
20	64QAM	1	49	19.86	20.03	19.90	0.1169	0.1216	0.1180
20	64QAM	1	99	19.86	20.05	19.89	0.1169	0.1222	0.1178
20	64QAM	50	0	19.91	20.11	19.97	0.1183	0.1239	0.1199
20	64QAM	50	24	19.98	20.13	20.09	0.1202	0.1245	0.1233
20	64QAM	50	50	20.00	20.08	19.99	0.1208	0.1230	0.1205
20	64QAM	100	0	19.93	20.12	19.96	0.1189	0.1242	0.1197
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	19.99	20.12	20.04	0.1205	0.1242	0.1219
15	QPSK	1	37	19.94	20.04	19.96	0.1191	0.1219	0.1197
15	QPSK	1	74	19.74	19.94	19.77	0.1138	0.1191	0.1146
15	QPSK	36	0	19.96	20.10	19.95	0.1197	0.1236	0.1194
15	QPSK	36	20	19.92	20.03	19.81	0.1186	0.1216	0.1156
15	QPSK	36	39	19.91	19.96	19.93	0.1183	0.1197	0.1189



15	QPSK	75	0	19.83	19.99	19.89	0.1161	0.1205	0.1178
15	16QAM	1	0	19.68	19.90	19.76	0.1122	0.1180	0.1143
15	16QAM	1	37	19.94	20.05	19.96	0.1191	0.1222	0.1197
15	16QAM	1	74	19.83	20.02	19.83	0.1161	0.1213	0.1161
15	16QAM	36	0	19.90	20.11	19.92	0.1180	0.1239	0.1186
15	16QAM	36	20	19.82	20.03	19.90	0.1159	0.1216	0.1180
15	16QAM	36	39	19.76	19.88	19.69	0.1143	0.1175	0.1125
15	16QAM	75	0	19.97	20.17	20.06	0.1199	0.1256	0.1225
15	64QAM	1	0	20.05	20.05	20.05	0.1222	0.1222	0.1222
15	64QAM	1	37	19.82	19.97	19.85	0.1159	0.1199	0.1167
15	64QAM	1	74	19.75	19.99	19.87	0.1140	0.1205	0.1172
15	64QAM	36	0	19.88	19.96	19.87	0.1175	0.1197	0.1172
15	64QAM	36	20	19.91	20.04	20.07	0.1183	0.1219	0.1227
15	64QAM	36	39	19.94	20.00	19.94	0.1191	0.1208	0.1191
15	64QAM	75	0	19.89	20.11	19.86	0.1178	0.1239	0.1169
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	20.09	20.09	20.08	0.1233	0.1233	0.1230
10	QPSK	1	25	19.94	20.08	20.01	0.1191	0.1230	0.1211
10	QPSK	1	49	19.79	19.86	19.82	0.1151	0.1169	0.1159
10	QPSK	25	0	20.05	20.11	19.92	0.1222	0.1239	0.1186
10	QPSK	25	12	19.93	20.05	19.91	0.1189	0.1222	0.1183
10	QPSK	25	25	19.96	19.99	19.89	0.1197	0.1205	0.1178
10	QPSK	50	0	19.87	19.99	19.89	0.1172	0.1205	0.1178
10	16QAM	1	0	19.75	19.89	19.79	0.1140	0.1178	0.1151
10	16QAM	1	25	19.84	20.06	19.97	0.1164	0.1225	0.1199
10	16QAM	1	49	19.89	20.02	19.80	0.1178	0.1213	0.1153
10	16QAM	25	0	19.97	20.10	19.99	0.1199	0.1236	0.1205
10	16QAM	25	12	19.88	20.08	19.92	0.1175	0.1230	0.1186
10	16QAM	25	25	19.75	19.87	19.72	0.1140	0.1172	0.1132
10	16QAM	50	0	19.99	20.13	20.01	0.1205	0.1245	0.1211
10	64QAM	1	0	19.96	20.12	20.02	0.1197	0.1242	0.1213
10	64QAM	1	25	19.85	19.94	19.81	0.1167	0.1191	0.1156
10	64QAM	1	49	19.72	19.94	19.75	0.1132	0.1191	0.1140
10	64QAM	25	0	19.88	20.09	19.84	0.1175	0.1233	0.1164
10	64QAM	25	12	19.85	20.11	20.03	0.1167	0.1239	0.1216
10	64QAM	25	25	19.99	20.02	19.94	0.1205	0.1213	0.1191
10	64QAM	50	0	19.85	20.08	19.92	0.1167	0.1230	0.1186
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	19.99	20.09	20.04	0.1205	0.1233	0.1219
5	QPSK	1	12	19.94	19.95	19.95	0.1191	0.1194	0.1194
5	QPSK	1	24	19.74	19.85	19.79	0.1138	0.1167	0.1151
5	QPSK	12	0	19.93	20.05	19.94	0.1189	0.1222	0.1191
5	QPSK	12	7	19.94	19.96	19.91	0.1191	0.1197	0.1183
5	QPSK	12	13	19.97	20.08	19.92	0.1199	0.1230	0.1186
5	QPSK	25	0	19.92	20.01	19.88	0.1186	0.1211	0.1175



5	16QAM	1	0	19.64	19.92	19.72	0.1112	0.1186	0.1132
5	16QAM	1	12	19.85	20.12	19.89	0.1167	0.1242	0.1178
5	16QAM	1	24	19.88	19.99	19.77	0.1175	0.1205	0.1146
5	16QAM	12	0	19.94	20.05	19.96	0.1191	0.1222	0.1197
5	16QAM	12	7	19.85	20.04	19.90	0.1167	0.1219	0.1180
5	16QAM	12	13	19.73	19.91	19.71	0.1135	0.1183	0.1130
5	16QAM	25	0	19.98	20.14	19.99	0.1202	0.1247	0.1205
5	64QAM	1	0	19.97	20.12	19.95	0.1199	0.1242	0.1194
5	64QAM	1	12	19.84	19.97	19.85	0.1164	0.1199	0.1167
5	64QAM	1	24	19.83	19.98	19.74	0.1161	0.1202	0.1138
5	64QAM	12	0	19.79	20.06	19.84	0.1151	0.1225	0.1164
5	64QAM	12	7	19.94	19.99	19.95	0.1191	0.1205	0.1194
5	64QAM	12	13	19.90	20.04	19.87	0.1180	0.1219	0.1172
5	64QAM	25	0	19.81	20.09	19.84	0.1156	0.1233	0.1164
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	19.99	20.05	20.04	0.1205	0.1222	0.1219
3	QPSK	1	8	19.95	20.04	19.91	0.1194	0.1219	0.1183
3	QPSK	1	14	19.75	19.88	19.82	0.1140	0.1175	0.1159
3	QPSK	8	0	19.95	20.12	19.90	0.1194	0.1242	0.1180
3	QPSK	8	4	19.81	20.04	19.91	0.1156	0.1219	0.1183
3	QPSK	8	7	19.88	19.95	19.80	0.1175	0.1194	0.1153
3	QPSK	15	0	19.83	20.06	19.84	0.1161	0.1225	0.1164
3	16QAM	1	0	19.70	19.93	19.79	0.1127	0.1189	0.1151
3	16QAM	1	8	19.89	20.15	19.95	0.1178	0.1250	0.1194
3	16QAM	1	14	19.88	20.04	19.75	0.1175	0.1219	0.1140
3	16QAM	8	0	19.95	20.12	19.93	0.1194	0.1242	0.1189
3	16QAM	8	4	19.85	20.05	19.92	0.1167	0.1222	0.1186
3	16QAM	8	7	19.81	19.94	19.72	0.1156	0.1191	0.1132
3	16QAM	15	0	20.08	20.08	20.04	0.1230	0.1230	0.1219
3	64QAM	1	0	20.06	20.14	19.97	0.1225	0.1247	0.1199
3	64QAM	1	8	19.82	20.01	19.86	0.1159	0.1211	0.1169
3	64QAM	1	14	19.77	20.03	19.82	0.1146	0.1216	0.1159
3	64QAM	8	0	19.78	20.01	19.87	0.1148	0.1211	0.1172
3	64QAM	8	4	19.89	20.07	19.96	0.1178	0.1227	0.1197
3	64QAM	8	7	19.89	20.06	19.90	0.1178	0.1225	0.1180
3	64QAM	15	0	19.78	20.04	19.89	0.1148	0.1219	0.1178
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	20.03	20.10	20.09	0.1216	0.1236	0.1233
1.4	QPSK	1	3	19.89	20.01	19.95	0.1178	0.1211	0.1194
1.4	QPSK	1	5	19.72	19.92	19.83	0.1132	0.1186	0.1161
1.4	QPSK	3	0	20.04	20.08	19.95	0.1219	0.1230	0.1194
1.4	QPSK	3	1	19.88	19.94	19.92	0.1175	0.1191	0.1186
1.4	QPSK	3	3	19.92	20.04	19.81	0.1186	0.1219	0.1156
1.4	QPSK	6	0	18.81	19.03	18.87	0.0918	0.0966	0.0931
1.4	16QAM	1	0	18.71	18.95	18.72	0.0897	0.0948	0.0899



1.4	16QAM	1	3	18.84	19.14	18.89	0.0925	0.0991	0.0935
1.4	16QAM	1	5	18.87	18.97	18.81	0.0931	0.0953	0.0918
1.4	16QAM	3	0	18.98	19.01	18.99	0.0955	0.0962	0.0957
1.4	16QAM	3	1	18.80	19.02	18.89	0.0916	0.0964	0.0935
1.4	16QAM	3	3	18.74	18.90	18.72	0.0904	0.0938	0.0899
1.4	16QAM	6	0	18.08	18.08	17.95	0.0776	0.0776	0.0753
1.4	64QAM	1	0	17.98	18.06	18.06	0.0759	0.0773	0.0773
1.4	64QAM	1	3	17.78	17.97	17.87	0.0724	0.0757	0.0740
1.4	64QAM	1	5	17.79	17.91	17.78	0.0726	0.0746	0.0724
1.4	64QAM	3	0	17.76	17.99	17.84	0.0721	0.0760	0.0735
1.4	64QAM	3	1	17.96	18.04	17.99	0.0755	0.0769	0.0760
1.4	64QAM	3	3	17.88	17.94	17.96	0.0741	0.0752	0.0755
1.4	64QAM	6	0	16.91	16.99	16.87	0.0593	0.0604	0.0587

LTE Band 5_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	24.47	24.50	24.49	0.0982	0.0989	0.0986
10	QPSK	1	25	24.32	24.42	24.34	0.0948	0.0971	0.0953
10	QPSK	1	49	24.29	24.38	24.28	0.0942	0.0962	0.0940
10	QPSK	25	0	23.44	23.52	23.43	0.0774	0.0789	0.0773
10	QPSK	25	12	23.22	23.31	23.25	0.0736	0.0752	0.0741
10	QPSK	25	25	23.41	23.46	23.38	0.0769	0.0778	0.0764
10	QPSK	50	0	23.38	23.48	23.43	0.0764	0.0782	0.0773
10	16QAM	1	0	23.25	23.41	23.38	0.0741	0.0769	0.0764
10	16QAM	1	25	23.44	23.53	23.46	0.0774	0.0791	0.0778
10	16QAM	1	49	23.32	23.39	23.31	0.0753	0.0766	0.0752
10	16QAM	25	0	22.50	22.56	22.40	0.0624	0.0632	0.0610
10	16QAM	25	12	22.38	22.51	22.44	0.0607	0.0625	0.0615
10	16QAM	25	25	22.35	22.48	22.38	0.0603	0.0621	0.0607
10	16QAM	50	0	22.35	22.43	22.41	0.0603	0.0614	0.0611
10	64QAM	1	0	22.55	22.62	22.47	0.0631	0.0641	0.0619
10	64QAM	1	25	22.50	22.59	22.50	0.0624	0.0637	0.0624
10	64QAM	1	49	22.44	22.56	22.46	0.0615	0.0632	0.0618
10	64QAM	25	0	21.54	21.58	21.47	0.0500	0.0505	0.0492
10	64QAM	25	12	21.22	21.39	21.29	0.0465	0.0483	0.0472
10	64QAM	25	25	21.41	21.46	21.33	0.0485	0.0491	0.0476
10	64QAM	50	0	21.28	21.35	21.24	0.0471	0.0479	0.0467
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	24.42	24.38	24.45	0.0971	0.0962	0.0977
5	QPSK	1	12	24.27	24.33	24.27	0.0938	0.0951	0.0938
5	QPSK	1	24	24.20	24.35	24.25	0.0923	0.0955	0.0933



5	QPSK	12	0	23.33	23.44	23.42	0.0755	0.0774	0.0771
5	QPSK	12	7	23.14	23.17	23.13	0.0723	0.0728	0.0721
5	QPSK	12	13	23.38	23.39	23.36	0.0764	0.0766	0.0760
5	QPSK	25	0	23.31	23.41	23.34	0.0752	0.0769	0.0757
5	16QAM	1	0	23.20	23.38	23.29	0.0733	0.0764	0.0748
5	16QAM	1	12	23.42	23.40	23.35	0.0771	0.0767	0.0759
5	16QAM	1	24	23.28	23.34	23.18	0.0746	0.0757	0.0729
5	16QAM	12	0	22.46	22.54	22.37	0.0618	0.0630	0.0605
5	16QAM	12	7	22.35	22.44	22.42	0.0603	0.0615	0.0612
5	16QAM	12	13	22.24	22.39	22.29	0.0587	0.0608	0.0594
5	16QAM	25	0	22.22	22.32	22.33	0.0585	0.0598	0.0600
5	64QAM	1	0	22.53	22.51	22.34	0.0628	0.0625	0.0601
5	64QAM	1	12	22.44	22.54	22.49	0.0615	0.0630	0.0622
5	64QAM	1	24	22.39	22.53	22.39	0.0608	0.0628	0.0608
5	64QAM	12	0	21.53	21.54	21.38	0.0499	0.0500	0.0482
5	64QAM	12	7	21.11	21.31	21.22	0.0453	0.0474	0.0465
5	64QAM	12	13	21.32	21.41	21.18	0.0475	0.0485	0.0460
5	64QAM	25	0	21.14	21.23	21.18	0.0456	0.0466	0.0460
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	24.33	24.46	24.35	0.0951	0.0979	0.0955
3	QPSK	1	8	24.31	24.30	24.21	0.0946	0.0944	0.0925
3	QPSK	1	14	24.23	24.37	24.19	0.0929	0.0959	0.0920
3	QPSK	8	0	23.41	23.46	23.32	0.0769	0.0778	0.0753
3	QPSK	8	4	23.19	23.26	23.13	0.0731	0.0743	0.0721
3	QPSK	8	7	23.26	23.32	23.37	0.0743	0.0753	0.0762
3	QPSK	15	0	23.36	23.42	23.32	0.0760	0.0771	0.0753
3	16QAM	1	0	23.14	23.37	23.31	0.0723	0.0762	0.0752
3	16QAM	1	8	23.34	23.49	23.36	0.0757	0.0783	0.0760
3	16QAM	1	14	23.29	23.34	23.26	0.0748	0.0757	0.0743
3	16QAM	8	0	22.43	22.53	22.38	0.0614	0.0628	0.0607
3	16QAM	8	4	22.32	22.42	22.33	0.0598	0.0612	0.0600
3	16QAM	8	7	22.27	22.37	22.30	0.0592	0.0605	0.0596
3	16QAM	15	0	22.34	22.35	22.38	0.0601	0.0603	0.0607
3	64QAM	1	0	22.45	22.48	22.40	0.0617	0.0621	0.0610
3	64QAM	1	8	22.36	22.53	22.44	0.0604	0.0628	0.0615
3	64QAM	1	14	22.35	22.43	22.32	0.0603	0.0614	0.0598
3	64QAM	8	0	21.48	21.51	21.46	0.0493	0.0497	0.0491
3	64QAM	8	4	21.18	21.31	21.24	0.0460	0.0474	0.0467
3	64QAM	8	7	21.34	21.34	21.21	0.0478	0.0478	0.0463
3	64QAM	15	0	21.17	21.26	21.09	0.0459	0.0469	0.0451
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	24.35	24.37	24.38	0.0955	0.0959	0.0962
1.4	QPSK	1	3	24.24	24.31	24.20	0.0931	0.0946	0.0923
1.4	QPSK	1	5	24.16	24.33	24.14	0.0914	0.0951	0.0910
1.4	QPSK	3	0	24.35	24.39	24.34	0.0955	0.0964	0.0953



1.4	QPSK	3	1	24.11	24.21	24.18	0.0904	0.0925	0.0918
1.4	QPSK	3	3	24.31	24.36	24.30	0.0946	0.0957	0.0944
1.4	QPSK	6	0	23.23	23.42	23.30	0.0738	0.0771	0.0750
1.4	16QAM	1	0	23.22	23.32	23.27	0.0736	0.0753	0.0745
1.4	16QAM	1	3	23.41	23.46	23.36	0.0769	0.0778	0.0760
1.4	16QAM	1	5	23.29	23.27	23.22	0.0748	0.0745	0.0736
1.4	16QAM	3	0	23.40	23.44	23.28	0.0767	0.0774	0.0746
1.4	16QAM	3	1	23.34	23.48	23.39	0.0757	0.0782	0.0766
1.4	16QAM	3	3	23.30	23.41	23.34	0.0750	0.0769	0.0757
1.4	16QAM	6	0	22.27	22.31	22.31	0.0592	0.0597	0.0597
1.4	64QAM	1	0	22.52	22.58	22.44	0.0627	0.0635	0.0615
1.4	64QAM	1	3	22.36	22.51	22.38	0.0604	0.0625	0.0607
1.4	64QAM	1	5	22.35	22.52	22.43	0.0603	0.0627	0.0614
1.4	64QAM	3	0	22.44	22.51	22.33	0.0615	0.0625	0.0600
1.4	64QAM	3	1	22.17	22.24	22.23	0.0578	0.0587	0.0586
1.4	64QAM	3	3	22.35	22.35	22.20	0.0603	0.0603	0.0582
1.4	64QAM	6	0	21.22	21.21	21.22	0.0465	0.0463	0.0465

LTE Band 12_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711	L	M	H
10	QPSK	1	0	24.02	24.15	24.09	0.0927	0.0955	0.0942
10	QPSK	1	25	23.77	24.03	23.86	0.0875	0.0929	0.0893
10	QPSK	1	49	23.83	24.09	23.99	0.0887	0.0942	0.0920
10	QPSK	25	0	23.06	23.13	23.03	0.0743	0.0755	0.0738
10	QPSK	25	12	22.82	23.03	22.95	0.0703	0.0738	0.0724
10	QPSK	25	25	22.95	23.08	22.88	0.0724	0.0746	0.0713
10	QPSK	50	0	22.83	23.10	22.98	0.0705	0.0750	0.0729
10	16QAM	1	0	23.20	23.35	23.27	0.0767	0.0794	0.0780
10	16QAM	1	25	23.08	23.26	23.13	0.0746	0.0778	0.0755
10	16QAM	1	49	23.03	23.25	23.18	0.0738	0.0776	0.0764
10	16QAM	25	0	21.79	21.99	21.91	0.0555	0.0581	0.0570
10	16QAM	25	12	21.65	21.83	21.75	0.0537	0.0560	0.0550
10	16QAM	25	25	21.68	21.85	21.74	0.0541	0.0562	0.0548
10	16QAM	50	0	21.55	21.76	21.68	0.0525	0.0551	0.0541
10	64QAM	1	0	22.02	22.16	21.96	0.0585	0.0604	0.0577
10	64QAM	1	25	21.90	22.06	21.91	0.0569	0.0590	0.0570
10	64QAM	1	49	21.85	22.11	22.03	0.0562	0.0597	0.0586
10	64QAM	25	0	20.76	21.01	20.92	0.0438	0.0463	0.0454
10	64QAM	25	12	20.71	20.95	20.76	0.0433	0.0457	0.0438
10	64QAM	25	25	20.81	20.99	20.90	0.0443	0.0461	0.0452
10	64QAM	50	0	20.72	20.91	20.81	0.0434	0.0453	0.0443
Channel				23035	23095	23155	ERP(W)		



Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	23.92	24.14	23.94	0.0906	0.0953	0.0910
5	QPSK	1	12	23.75	24.00	23.83	0.0871	0.0923	0.0887
5	QPSK	1	24	23.78	24.01	23.89	0.0877	0.0925	0.0899
5	QPSK	12	0	23.00	23.12	22.89	0.0733	0.0753	0.0714
5	QPSK	12	7	22.67	22.95	22.83	0.0679	0.0724	0.0705
5	QPSK	12	13	22.85	23.04	22.81	0.0708	0.0740	0.0701
5	QPSK	25	0	22.73	22.97	22.93	0.0689	0.0728	0.0721
5	16QAM	1	0	23.08	23.21	23.18	0.0746	0.0769	0.0764
5	16QAM	1	12	23.03	23.13	23.11	0.0738	0.0755	0.0752
5	16QAM	1	24	23.00	23.17	23.09	0.0733	0.0762	0.0748
5	16QAM	12	0	21.66	21.90	21.89	0.0538	0.0569	0.0568
5	16QAM	12	7	21.54	21.73	21.73	0.0524	0.0547	0.0547
5	16QAM	12	13	21.55	21.75	21.73	0.0525	0.0550	0.0547
5	16QAM	25	0	21.50	21.69	21.62	0.0519	0.0542	0.0533
5	64QAM	1	0	21.87	22.07	21.86	0.0565	0.0592	0.0564
5	64QAM	1	12	21.77	21.97	21.77	0.0552	0.0578	0.0552
5	64QAM	1	24	21.72	21.99	21.94	0.0546	0.0581	0.0574
5	64QAM	12	0	20.68	20.88	20.87	0.0430	0.0450	0.0449
5	64QAM	12	7	20.57	20.89	20.63	0.0419	0.0451	0.0425
5	64QAM	12	13	20.78	20.94	20.89	0.0440	0.0456	0.0451
5	64QAM	25	0	20.69	20.87	20.74	0.0431	0.0449	0.0436
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	23.98	24.09	23.95	0.0918	0.0942	0.0912
3	QPSK	1	8	23.73	23.90	23.84	0.0867	0.0902	0.0889
3	QPSK	1	14	23.75	23.96	23.91	0.0871	0.0914	0.0904
3	QPSK	8	0	22.94	23.05	23.01	0.0723	0.0741	0.0735
3	QPSK	8	4	22.80	22.91	22.82	0.0700	0.0718	0.0703
3	QPSK	8	7	22.89	22.93	22.84	0.0714	0.0721	0.0706
3	QPSK	15	0	22.76	22.98	22.88	0.0693	0.0729	0.0713
3	16QAM	1	0	23.12	23.29	23.13	0.0753	0.0783	0.0755
3	16QAM	1	8	22.97	23.23	23.02	0.0728	0.0773	0.0736
3	16QAM	1	14	22.93	23.16	23.13	0.0721	0.0760	0.0755
3	16QAM	8	0	21.69	21.94	21.85	0.0542	0.0574	0.0562
3	16QAM	8	4	21.61	21.77	21.70	0.0532	0.0552	0.0543
3	16QAM	8	7	21.65	21.76	21.60	0.0537	0.0551	0.0531
3	16QAM	15	0	21.54	21.64	21.61	0.0524	0.0536	0.0532
3	64QAM	1	0	21.97	22.05	21.82	0.0578	0.0589	0.0558
3	64QAM	1	8	21.88	21.98	21.88	0.0566	0.0579	0.0566
3	64QAM	1	14	21.83	22.00	22.01	0.0560	0.0582	0.0583
3	64QAM	8	0	20.74	20.94	20.83	0.0436	0.0456	0.0445
3	64QAM	8	4	20.67	20.93	20.70	0.0429	0.0455	0.0432
3	64QAM	8	7	20.73	20.90	20.88	0.0435	0.0452	0.0450
3	64QAM	15	0	20.59	20.83	20.73	0.0421	0.0445	0.0435
Channel				23017	23095	23173	ERP(W)		



Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	23.92	24.04	24.07	0.0906	0.0931	0.0938
1.4	QPSK	1	3	23.64	23.90	23.80	0.0849	0.0902	0.0881
1.4	QPSK	1	5	23.70	24.06	23.88	0.0861	0.0935	0.0897
1.4	QPSK	3	0	23.95	23.99	23.92	0.0912	0.0920	0.0906
1.4	QPSK	3	1	23.71	23.94	23.85	0.0863	0.0910	0.0891
1.4	QPSK	3	3	23.83	24.04	23.80	0.0887	0.0931	0.0881
1.4	QPSK	6	0	22.79	23.00	22.89	0.0698	0.0733	0.0714
1.4	16QAM	1	0	23.12	23.24	23.22	0.0753	0.0774	0.0771
1.4	16QAM	1	3	22.98	23.12	23.09	0.0729	0.0753	0.0748
1.4	16QAM	1	5	22.97	23.22	23.15	0.0728	0.0771	0.0759
1.4	16QAM	3	0	22.69	22.89	22.87	0.0682	0.0714	0.0711
1.4	16QAM	3	1	22.63	22.68	22.70	0.0673	0.0681	0.0684
1.4	16QAM	3	3	22.55	22.81	22.69	0.0661	0.0701	0.0682
1.4	16QAM	6	0	21.45	21.71	21.58	0.0513	0.0545	0.0528
1.4	64QAM	1	0	21.91	22.02	21.84	0.0570	0.0585	0.0561
1.4	64QAM	1	3	21.82	21.96	21.84	0.0558	0.0577	0.0561
1.4	64QAM	1	5	21.72	21.98	22.00	0.0546	0.0579	0.0582
1.4	64QAM	3	0	21.62	21.96	21.79	0.0533	0.0577	0.0555
1.4	64QAM	3	1	21.66	21.85	21.65	0.0538	0.0562	0.0537
1.4	64QAM	3	3	21.75	21.97	21.87	0.0550	0.0578	0.0565
1.4	64QAM	6	0	20.67	20.77	20.71	0.0429	0.0439	0.0433

LTE Band 38_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	24.02	24.06	24.04	0.2642	0.2667	0.2655
20	QPSK	1	49	23.77	23.92	23.82	0.2495	0.2582	0.2523
20	QPSK	1	99	23.72	23.85	23.73	0.2466	0.2541	0.2472
20	QPSK	50	0	23.01	23.09	22.95	0.2094	0.2133	0.2065
20	QPSK	50	24	22.79	22.86	22.73	0.1991	0.2023	0.1963
20	QPSK	50	50	22.89	22.94	22.85	0.2037	0.2061	0.2018
20	QPSK	100	0	23.00	23.05	22.96	0.2089	0.2113	0.2070
20	16QAM	1	0	22.76	22.91	22.81	0.1977	0.2046	0.2000
20	16QAM	1	49	22.68	22.85	22.73	0.1941	0.2018	0.1963
20	16QAM	1	99	22.81	22.88	22.72	0.2000	0.2032	0.1959
20	16QAM	50	0	21.76	21.82	21.68	0.1570	0.1592	0.1542
20	16QAM	50	24	21.83	21.94	21.78	0.1596	0.1637	0.1578
20	16QAM	50	50	21.70	21.76	21.67	0.1549	0.1570	0.1538
20	16QAM	100	0	21.75	21.82	21.79	0.1567	0.1592	0.1581
20	64QAM	1	0	21.55	21.64	21.60	0.1496	0.1528	0.1514
20	64QAM	1	49	21.68	21.78	21.74	0.1542	0.1578	0.1563
20	64QAM	1	99	21.53	21.66	21.58	0.1489	0.1535	0.1507
20	64QAM	50	0	20.64	20.81	20.77	0.1213	0.1262	0.1250



20	64QAM	50	24	20.53	20.65	20.54	0.1183	0.1216	0.1186
20	64QAM	50	50	20.66	20.74	20.59	0.1219	0.1242	0.1199
20	64QAM	100	0	20.80	20.87	20.82	0.1259	0.1279	0.1265
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	23.95	24.04	24.02	0.2600	0.2655	0.2642
15	QPSK	1	37	23.69	23.91	23.79	0.2449	0.2576	0.2506
15	QPSK	1	74	23.58	23.80	23.63	0.2388	0.2512	0.2415
15	QPSK	36	0	22.87	22.99	22.90	0.2028	0.2084	0.2042
15	QPSK	36	20	22.76	22.79	22.59	0.1977	0.1991	0.1901
15	QPSK	36	39	22.83	22.84	22.75	0.2009	0.2014	0.1972
15	QPSK	75	0	22.90	23.02	22.85	0.2042	0.2099	0.2018
15	16QAM	1	0	22.68	22.82	22.68	0.1941	0.2004	0.1941
15	16QAM	1	37	22.60	22.72	22.59	0.1905	0.1959	0.1901
15	16QAM	1	74	22.75	22.74	22.70	0.1972	0.1968	0.1950
15	16QAM	36	0	21.61	21.78	21.65	0.1517	0.1578	0.1531
15	16QAM	36	20	21.69	21.83	21.66	0.1545	0.1596	0.1535
15	16QAM	36	39	21.67	21.67	21.61	0.1538	0.1538	0.1517
15	16QAM	75	0	21.70	21.75	21.67	0.1549	0.1567	0.1538
15	64QAM	1	0	21.52	21.62	21.55	0.1486	0.1521	0.1496
15	64QAM	1	37	21.57	21.75	21.59	0.1503	0.1567	0.1510
15	64QAM	1	74	21.47	21.58	21.46	0.1469	0.1507	0.1466
15	64QAM	36	0	20.54	20.69	20.67	0.1186	0.1227	0.1222
15	64QAM	36	20	20.43	20.61	20.49	0.1156	0.1205	0.1172
15	64QAM	36	39	20.60	20.72	20.51	0.1202	0.1236	0.1178
15	64QAM	75	0	20.77	20.76	20.68	0.1250	0.1247	0.1225
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	23.96	23.98	24.00	0.2606	0.2618	0.2630
10	QPSK	1	25	23.62	23.84	23.67	0.2410	0.2535	0.2438
10	QPSK	1	49	23.62	23.72	23.61	0.2410	0.2466	0.2404
10	QPSK	25	0	22.93	22.95	22.84	0.2056	0.2065	0.2014
10	QPSK	25	12	22.69	22.72	22.58	0.1945	0.1959	0.1897
10	QPSK	25	25	22.79	22.84	22.80	0.1991	0.2014	0.1995
10	QPSK	50	0	22.87	23.01	22.84	0.2028	0.2094	0.2014
10	16QAM	1	0	22.71	22.77	22.78	0.1954	0.1982	0.1986
10	16QAM	1	25	22.59	22.79	22.67	0.1901	0.1991	0.1936
10	16QAM	1	49	22.80	22.76	22.63	0.1995	0.1977	0.1919
10	16QAM	25	0	21.68	21.78	21.63	0.1542	0.1578	0.1524
10	16QAM	25	12	21.76	21.84	21.76	0.1570	0.1600	0.1570
10	16QAM	25	25	21.65	21.70	21.64	0.1531	0.1549	0.1528
10	16QAM	50	0	21.73	21.74	21.64	0.1560	0.1563	0.1528
10	64QAM	1	0	21.53	21.62	21.59	0.1489	0.1521	0.1510
10	64QAM	1	25	21.54	21.64	21.72	0.1493	0.1528	0.1556
10	64QAM	1	49	21.41	21.64	21.57	0.1449	0.1528	0.1503
10	64QAM	25	0	20.63	20.75	20.74	0.1211	0.1245	0.1242
10	64QAM	25	12	20.51	20.59	20.52	0.1178	0.1199	0.1180
10	64QAM	25	25	20.59	20.66	20.53	0.1199	0.1219	0.1183



10	64QAM	50	0	20.76	20.85	20.75	0.1247	0.1274	0.1245
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	23.90	23.96	23.90	0.2570	0.2606	0.2570
5	QPSK	1	12	23.73	23.78	23.79	0.2472	0.2500	0.2506
5	QPSK	1	24	23.63	23.77	23.66	0.2415	0.2495	0.2432
5	QPSK	12	0	22.92	23.07	22.90	0.2051	0.2123	0.2042
5	QPSK	12	7	22.65	22.82	22.60	0.1928	0.2004	0.1905
5	QPSK	12	13	22.79	22.93	22.76	0.1991	0.2056	0.1977
5	QPSK	25	0	22.92	22.90	22.86	0.2051	0.2042	0.2023
5	16QAM	1	0	22.69	22.83	22.78	0.1945	0.2009	0.1986
5	16QAM	1	12	22.66	22.73	22.68	0.1932	0.1963	0.1941
5	16QAM	1	24	22.75	22.86	22.60	0.1972	0.2023	0.1905
5	16QAM	12	0	21.64	21.76	21.53	0.1528	0.1570	0.1489
5	16QAM	12	7	21.68	21.84	21.77	0.1542	0.1600	0.1574
5	16QAM	12	13	21.57	21.71	21.60	0.1503	0.1552	0.1514
5	16QAM	25	0	21.74	21.68	21.70	0.1563	0.1542	0.1549
5	64QAM	1	0	21.41	21.55	21.45	0.1449	0.1496	0.1462
5	64QAM	1	12	21.55	21.67	21.68	0.1496	0.1538	0.1542
5	64QAM	1	24	21.42	21.52	21.49	0.1452	0.1486	0.1476
5	64QAM	12	0	20.54	20.72	20.73	0.1186	0.1236	0.1239
5	64QAM	12	7	20.40	20.58	20.42	0.1148	0.1197	0.1153
5	64QAM	12	13	20.54	20.64	20.55	0.1186	0.1213	0.1189
5	64QAM	25	0	20.65	20.78	20.71	0.1216	0.1253	0.1233

LTE Band 41_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	24.01	24.07	23.97	0.2636	0.2673	0.2612
20	QPSK	1	49	23.64	23.85	23.64	0.2421	0.2541	0.2421
20	QPSK	1	99	23.84	23.91	23.80	0.2535	0.2576	0.2512
20	QPSK	50	0	22.79	22.97	22.82	0.1991	0.2075	0.2004
20	QPSK	50	24	22.65	22.84	22.60	0.1928	0.2014	0.1905
20	QPSK	50	50	22.69	22.86	22.65	0.1945	0.2023	0.1928
20	QPSK	100	0	22.72	22.91	22.80	0.1959	0.2046	0.1995
20	16QAM	1	0	22.68	22.89	22.74	0.1941	0.2037	0.1968
20	16QAM	1	49	22.64	22.81	22.68	0.1923	0.2000	0.1941
20	16QAM	1	99	22.71	22.79	22.66	0.1954	0.1991	0.1932
20	16QAM	50	0	21.63	21.76	21.59	0.1524	0.1570	0.1510
20	16QAM	50	24	21.54	21.65	21.44	0.1493	0.1531	0.1459
20	16QAM	50	50	21.65	21.82	21.61	0.1531	0.1592	0.1517
20	16QAM	100	0	21.54	21.71	21.56	0.1493	0.1552	0.1500
20	64QAM	1	0	21.46	21.63	21.41	0.1466	0.1524	0.1449
20	64QAM	1	49	21.57	21.74	21.62	0.1503	0.1563	0.1521



20	64QAM	1	99	21.61	21.69	21.48	0.1517	0.1545	0.1472
20	64QAM	50	0	20.56	20.76	20.62	0.1191	0.1247	0.1208
20	64QAM	50	24	20.54	20.62	20.49	0.1186	0.1208	0.1172
20	64QAM	50	50	20.61	20.71	20.60	0.1205	0.1233	0.1202
20	64QAM	100	0	20.52	20.66	20.52	0.1180	0.1219	0.1180
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	23.97	23.93	23.84	0.2612	0.2588	0.2535
15	QPSK	1	37	23.50	23.84	23.50	0.2344	0.2535	0.2344
15	QPSK	1	74	23.75	23.90	23.78	0.2483	0.2570	0.2500
15	QPSK	36	0	22.69	22.84	22.71	0.1945	0.2014	0.1954
15	QPSK	36	20	22.64	22.77	22.49	0.1923	0.1982	0.1858
15	QPSK	36	39	22.65	22.84	22.52	0.1928	0.2014	0.1871
15	QPSK	75	0	22.64	22.88	22.67	0.1923	0.2032	0.1936
15	16QAM	1	0	22.57	22.85	22.65	0.1892	0.2018	0.1928
15	16QAM	1	37	22.53	22.69	22.55	0.1875	0.1945	0.1884
15	16QAM	1	74	22.61	22.74	22.62	0.1910	0.1968	0.1914
15	16QAM	36	0	21.60	21.70	21.47	0.1514	0.1549	0.1469
15	16QAM	36	20	21.41	21.56	21.40	0.1449	0.1500	0.1445
15	16QAM	36	39	21.57	21.79	21.58	0.1503	0.1581	0.1507
15	16QAM	75	0	21.40	21.62	21.42	0.1445	0.1521	0.1452
15	64QAM	1	0	21.35	21.59	21.29	0.1429	0.1510	0.1409
15	64QAM	1	37	21.52	21.69	21.57	0.1486	0.1545	0.1503
15	64QAM	1	74	21.49	21.55	21.46	0.1476	0.1496	0.1466
15	64QAM	36	0	20.46	20.73	20.54	0.1164	0.1239	0.1186
15	64QAM	36	20	20.48	20.53	20.43	0.1169	0.1183	0.1156
15	64QAM	36	39	20.53	20.60	20.46	0.1183	0.1202	0.1164
15	64QAM	75	0	20.43	20.54	20.40	0.1156	0.1186	0.1148
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	23.86	23.93	23.83	0.2547	0.2588	0.2529
10	QPSK	1	25	23.54	23.74	23.61	0.2366	0.2477	0.2404
10	QPSK	1	49	23.69	23.84	23.65	0.2449	0.2535	0.2427
10	QPSK	25	0	22.68	22.95	22.76	0.1941	0.2065	0.1977
10	QPSK	25	12	22.56	22.74	22.57	0.1888	0.1968	0.1892
10	QPSK	25	25	22.65	22.77	22.62	0.1928	0.1982	0.1914
10	QPSK	50	0	22.66	22.82	22.77	0.1932	0.2004	0.1982
10	16QAM	1	0	22.61	22.88	22.68	0.1910	0.2032	0.1941
10	16QAM	1	25	22.58	22.80	22.64	0.1897	0.1995	0.1923
10	16QAM	1	49	22.57	22.78	22.56	0.1892	0.1986	0.1888
10	16QAM	25	0	21.57	21.63	21.47	0.1503	0.1524	0.1469
10	16QAM	25	12	21.39	21.61	21.32	0.1442	0.1517	0.1419
10	16QAM	25	25	21.51	21.74	21.56	0.1483	0.1563	0.1500
10	16QAM	50	0	21.53	21.61	21.52	0.1489	0.1517	0.1486
10	64QAM	1	0	21.40	21.53	21.27	0.1445	0.1489	0.1403
10	64QAM	1	25	21.46	21.64	21.52	0.1466	0.1528	0.1486
10	64QAM	1	49	21.58	21.65	21.41	0.1507	0.1531	0.1449
10	64QAM	25	0	20.48	20.67	20.61	0.1169	0.1222	0.1205



10	64QAM	25	12	20.43	20.55	20.35	0.1156	0.1189	0.1135
10	64QAM	25	25	20.57	20.58	20.50	0.1194	0.1197	0.1175
10	64QAM	50	0	20.48	20.57	20.41	0.1169	0.1194	0.1151
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	23.94	23.96	23.92	0.2594	0.2606	0.2582
5	QPSK	1	12	23.62	23.83	23.57	0.2410	0.2529	0.2382
5	QPSK	1	24	23.76	23.84	23.66	0.2489	0.2535	0.2432
5	QPSK	12	0	22.66	22.92	22.79	0.1932	0.2051	0.1991
5	QPSK	12	7	22.57	22.72	22.47	0.1892	0.1959	0.1849
5	QPSK	12	13	22.64	22.76	22.56	0.1923	0.1977	0.1888
5	QPSK	25	0	22.70	22.82	22.67	0.1950	0.2004	0.1936
5	16QAM	1	0	22.63	22.82	22.72	0.1919	0.2004	0.1959
5	16QAM	1	12	22.52	22.74	22.58	0.1871	0.1968	0.1897
5	16QAM	1	24	22.64	22.73	22.55	0.1923	0.1963	0.1884
5	16QAM	12	0	21.56	21.67	21.57	0.1500	0.1538	0.1503
5	16QAM	12	7	21.51	21.51	21.43	0.1483	0.1483	0.1455
5	16QAM	12	13	21.60	21.79	21.59	0.1514	0.1581	0.1510
5	16QAM	25	0	21.42	21.69	21.53	0.1452	0.1545	0.1489
5	64QAM	1	0	21.41	21.57	21.37	0.1449	0.1503	0.1435
5	64QAM	1	12	21.53	21.61	21.51	0.1489	0.1517	0.1483
5	64QAM	1	24	21.48	21.58	21.37	0.1472	0.1507	0.1435
5	64QAM	12	0	20.50	20.73	20.52	0.1175	0.1239	0.1180
5	64QAM	12	7	20.42	20.51	20.48	0.1153	0.1178	0.1169
5	64QAM	12	13	20.58	20.59	20.58	0.1197	0.1199	0.1197
5	64QAM	25	0	20.50	20.54	20.49	0.1175	0.1186	0.1172

LTE CA_41C_ANT1:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39948	QPSK	Max	0	Max	0	23.86	0.2547
	QPSK	1	0	1	Max	23.75	0.2483
	QPSK	1	Max	1	0	23.91	0.2576
M 40521_40719	QPSK	Max	0	Max	0	23.89	0.2564
	QPSK	1	0	1	Max	23.61	0.2404
	QPSK	1	Max	1	0	23.82	0.2523
H 41292_41490	QPSK	Max	0	Max	0	23.68	0.2443
	QPSK	1	0	1	Max	23.66	0.2432
	QPSK	1	Max	1	0	23.82	0.2523
L 39750_39948	16QAM	Max	0	Max	0	22.95	0.2065
	16QAM	1	0	1	Max	22.94	0.2061
	16QAM	1	Max	1	0	22.87	0.2028
M 40521_40719	16QAM	Max	0	Max	0	22.87	0.2028
	16QAM	1	0	1	Max	22.70	0.1950
	16QAM	1	Max	1	0	22.92	0.2051
H	16QAM	Max	0	Max	0	22.77	0.1982



41292_41490	16QAM	1	0	1	Max	22.84	0.2014
	16QAM	1	Max	1	0	22.94	0.2061
L 39750_39948	64QAM	Max	0	Max	0	21.93	0.1633
	64QAM	1	0	1	Max	21.80	0.1585
	64QAM	1	Max	1	0	21.92	0.1629
M 40521_40719	64QAM	Max	0	Max	0	21.77	0.1574
	64QAM	1	0	1	Max	21.82	0.1592
	64QAM	1	Max	1	0	22.01	0.1663
H 41292_41490	64QAM	Max	0	Max	0	21.96	0.1644
	64QAM	1	0	1	Max	21.86	0.1607
	64QAM	1	Max	1	0	22.02	0.1667
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39921	QPSK	Max	0	Max	0	23.75	0.2483
	QPSK	1	0	1	Max	23.63	0.2415
	QPSK	1	Max	1	0	23.73	0.2472
M 40546_40717	QPSK	Max	0	Max	0	23.78	0.2500
	QPSK	1	0	1	Max	23.44	0.2312
	QPSK	1	Max	1	0	23.78	0.2500
H 41341_41512	QPSK	Max	0	Max	0	23.63	0.2415
	QPSK	1	0	1	Max	23.63	0.2415
	QPSK	1	Max	1	0	23.67	0.2438
L 39750_39921	16QAM	Max	0	Max	0	22.77	0.1982
	16QAM	1	0	1	Max	22.79	0.1991
	16QAM	1	Max	1	0	22.80	0.1995
M 40546_40717	16QAM	Max	0	Max	0	22.72	0.1959
	16QAM	1	0	1	Max	22.64	0.1923
	16QAM	1	Max	1	0	22.73	0.1963
H 41341_41512	16QAM	Max	0	Max	0	22.78	0.1986
	16QAM	1	0	1	Max	22.78	0.1986
	16QAM	1	Max	1	0	22.84	0.2014
L 39750_39921	64QAM	Max	0	Max	0	21.83	0.1596
	64QAM	1	0	1	Max	21.71	0.1552
	64QAM	1	Max	1	0	21.92	0.1629
M 40546_40717	64QAM	Max	0	Max	0	21.59	0.1510
	64QAM	1	0	1	Max	21.62	0.1521
	64QAM	1	Max	1	0	21.91	0.1626
H 41341_41512	64QAM	Max	0	Max	0	21.95	0.1641
	64QAM	1	0	1	Max	21.68	0.1542
	64QAM	1	Max	1	0	21.90	0.1622
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39728_39899	QPSK	Max	0	Max	0	23.73	0.2472
	QPSK	1	0	1	Max	23.60	0.2399
	QPSK	1	Max	1	0	23.88	0.2559
M	QPSK	Max	0	Max	0	23.78	0.2500



40523_40694	QPSK	1	0	1	Max	23.51	0.2350
	QPSK	1	Max	1	0	23.81	0.2518
H 41319_41490	QPSK	Max	0	Max	0	23.59	0.2393
	QPSK	1	0	1	Max	23.67	0.2438
	QPSK	1	Max	1	0	23.77	0.2495
L 39728_39899	16QAM	Max	0	Max	0	22.87	0.2028
	16QAM	1	0	1	Max	22.77	0.1982
	16QAM	1	Max	1	0	22.83	0.2009
M 40523_40694	16QAM	Max	0	Max	0	22.65	0.1928
	16QAM	1	0	1	Max	22.62	0.1914
	16QAM	1	Max	1	0	22.88	0.2032
H 41319_41490	16QAM	Max	0	Max	0	22.60	0.1905
	16QAM	1	0	1	Max	22.79	0.1991
	16QAM	1	Max	1	0	22.94	0.2061
L 39728_39899	64QAM	Max	0	Max	0	21.91	0.1626
	64QAM	1	0	1	Max	21.76	0.1570
	64QAM	1	Max	1	0	21.94	0.1637
M 40523_40694	64QAM	Max	0	Max	0	21.58	0.1507
	64QAM	1	0	1	Max	21.67	0.1538
	64QAM	1	Max	1	0	21.93	0.1633
H 41319_41490	64QAM	Max	0	Max	0	21.87	0.1611
	64QAM	1	0	1	Max	21.84	0.1600
	64QAM	1	Max	1	0	21.85	0.1603
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39725_39875	QPSK	Max	0	Max	0	23.77	0.2495
	QPSK	1	0	1	Max	23.53	0.2360
	QPSK	1	Max	1	0	23.76	0.2489
M 40545_40695	QPSK	Max	0	Max	0	23.84	0.2535
	QPSK	1	0	1	Max	23.47	0.2328
	QPSK	1	Max	1	0	23.77	0.2495
H 41365_41515	QPSK	Max	0	Max	0	23.60	0.2399
	QPSK	1	0	1	Max	23.58	0.2388
	QPSK	1	Max	1	0	23.82	0.2523
L 39725_39875	16QAM	Max	0	Max	0	22.75	0.1972
	16QAM	1	0	1	Max	22.73	0.1963
	16QAM	1	Max	1	0	22.66	0.1932
M 40545_40695	16QAM	Max	0	Max	0	22.82	0.2004
	16QAM	1	0	1	Max	22.55	0.1884
	16QAM	1	Max	1	0	22.81	0.2000
H 41365_41515	16QAM	Max	0	Max	0	22.75	0.1972
	16QAM	1	0	1	Max	22.82	0.2004
	16QAM	1	Max	1	0	22.90	0.2042
L 39725_39875	64QAM	Max	0	Max	0	21.74	0.1563
	64QAM	1	0	1	Max	21.59	0.1510
	64QAM	1	Max	1	0	21.82	0.1592
M 40545_40695	64QAM	Max	0	Max	0	21.58	0.1507
	64QAM	1	0	1	Max	21.72	0.1556
	64QAM	1	Max	1	0	22.00	0.1660
H	64QAM	Max	0	Max	0	21.83	0.1596



41365_41515	64QAM	1	0	1	Max	21.79	0.1581
	64QAM	1	Max	1	0	21.89	0.1618
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39894	QPSK	Max	0	Max	0	23.67	0.2438
	QPSK	1	0	1	Max	23.54	0.2366
	QPSK	1	Max	1	0	23.90	0.2570
M 40571_40715	QPSK	Max	0	Max	0	23.84	0.2535
	QPSK	1	0	1	Max	23.58	0.2388
	QPSK	1	Max	1	0	23.71	0.2460
H 41391_41535	QPSK	Max	0	Max	0	23.70	0.2455
	QPSK	1	0	1	Max	23.62	0.2410
	QPSK	1	Max	1	0	23.83	0.2529
L 39750_39894	16QAM	Max	0	Max	0	22.89	0.2037
	16QAM	1	0	1	Max	22.77	0.1982
	16QAM	1	Max	1	0	22.85	0.2018
M 40571_40715	16QAM	Max	0	Max	0	22.68	0.1941
	16QAM	1	0	1	Max	22.51	0.1866
	16QAM	1	Max	1	0	22.79	0.1991
H 41391_41535	16QAM	Max	0	Max	0	22.76	0.1977
	16QAM	1	0	1	Max	22.72	0.1959
	16QAM	1	Max	1	0	22.91	0.2046
L 39750_39894	64QAM	Max	0	Max	0	21.93	0.1633
	64QAM	1	0	1	Max	21.73	0.1560
	64QAM	1	Max	1	0	21.91	0.1626
M 40571_40715	64QAM	Max	0	Max	0	21.70	0.1549
	64QAM	1	0	1	Max	21.73	0.1560
	64QAM	1	Max	1	0	21.89	0.1618
H 41391_41535	64QAM	Max	0	Max	0	21.95	0.1641
	64QAM	1	0	1	Max	21.82	0.1592
	64QAM	1	Max	1	0	21.97	0.1648
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39705_39849	QPSK	Max	0	Max	0	23.76	0.2489
	QPSK	1	0	1	Max	23.69	0.2449
	QPSK	1	Max	1	0	23.73	0.2472
M 40526_40670	QPSK	Max	0	Max	0	23.90	0.2570
	QPSK	1	0	1	Max	23.47	0.2328
	QPSK	1	Max	1	0	23.66	0.2432
H 41346_41490	QPSK	Max	0	Max	0	23.63	0.2415
	QPSK	1	0	1	Max	23.55	0.2371
	QPSK	1	Max	1	0	23.72	0.2466
L 39705_39849	16QAM	Max	0	Max	0	22.78	0.1986
	16QAM	1	0	1	Max	22.88	0.2032
	16QAM	1	Max	1	0	22.69	0.1945
M 40526_40670	16QAM	Max	0	Max	0	22.74	0.1968
	16QAM	1	0	1	Max	22.65	0.1928
	16QAM	1	Max	1	0	22.80	0.1995
H 41346_41490	16QAM	Max	0	Max	0	22.72	0.1959
	16QAM	1	0	1	Max	22.69	0.1945
	16QAM	1	Max	1	0	22.75	0.1972
L	64QAM	Max	0	Max	0	21.73	0.1560



39705_39849	64QAM	1	0	1	Max	21.67	0.1538
	64QAM	1	Max	1	0	21.91	0.1626
M 40526_40670	64QAM	Max	0	Max	0	21.62	0.1521
	64QAM	1	0	1	Max	21.79	0.1581
	64QAM	1	Max	1	0	22.00	0.1660
H 41346_41490	64QAM	Max	0	Max	0	21.80	0.1585
	64QAM	1	0	1	Max	21.67	0.1538
	64QAM	1	Max	1	0	21.89	0.1618
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39725_39845	QPSK	Max	0	Max	0	23.78	0.2500
	QPSK	1	0	1	Max	23.72	0.2466
	QPSK	1	Max	1	0	23.84	0.2535
M 40571_40691	QPSK	Max	0	Max	0	23.70	0.2455
	QPSK	1	0	1	Max	23.50	0.2344
	QPSK	1	Max	1	0	23.70	0.2455
H 41417_41537	QPSK	Max	0	Max	0	23.54	0.2366
	QPSK	1	0	1	Max	23.46	0.2323
	QPSK	1	Max	1	0	23.63	0.2415
L 39725_39845	16QAM	Max	0	Max	0	22.90	0.2042
	16QAM	1	0	1	Max	22.79	0.1991
	16QAM	1	Max	1	0	22.87	0.2028
M 40571_40691	16QAM	Max	0	Max	0	22.75	0.1972
	16QAM	1	0	1	Max	22.52	0.1871
	16QAM	1	Max	1	0	22.87	0.2028
H 41417_41537	16QAM	Max	0	Max	0	22.69	0.1945
	16QAM	1	0	1	Max	22.85	0.2018
	16QAM	1	Max	1	0	22.78	0.1986
L 39725_39845	64QAM	Max	0	Max	0	21.84	0.1600
	64QAM	1	0	1	Max	21.78	0.1578
	64QAM	1	Max	1	0	21.88	0.1614
M 40571_40691	64QAM	Max	0	Max	0	21.60	0.1514
	64QAM	1	0	1	Max	21.72	0.1556
	64QAM	1	Max	1	0	21.92	0.1629
H 41417_41537	64QAM	Max	0	Max	0	21.90	0.1622
	64QAM	1	0	1	Max	21.84	0.1600
	64QAM	1	Max	1	0	21.82	0.1592
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39703_39823	QPSK	Max	0	Max	0	23.85	0.2541
	QPSK	1	0	1	Max	23.54	0.2366
	QPSK	1	Max	1	0	23.86	0.2547
M 40549_40669	QPSK	Max	0	Max	0	23.86	0.2547
	QPSK	1	0	1	Max	23.43	0.2307
	QPSK	1	Max	1	0	23.67	0.2438
H 41395_41515	QPSK	Max	0	Max	0	23.47	0.2328
	QPSK	1	0	1	Max	23.49	0.2339
	QPSK	1	Max	1	0	23.66	0.2432
L 39703_39823	16QAM	Max	0	Max	0	22.97	0.2075
	16QAM	1	0	1	Max	22.90	0.2042
	16QAM	1	Max	1	0	22.77	0.1982
M	16QAM	Max	0	Max	0	22.68	0.1941



40549_40669	16QAM	1	0	1	Max	22.59	0.1901
	16QAM	1	Max	1	0	22.73	0.1963
H	16QAM	Max	0	Max	0	22.71	0.1954
41395_41515	16QAM	1	0	1	Max	22.84	0.2014
	16QAM	1	Max	1	0	22.78	0.1986
L	64QAM	Max	0	Max	0	21.90	0.1622
39703_39823	64QAM	1	0	1	Max	21.63	0.1524
	64QAM	1	Max	1	0	21.82	0.1592
M	64QAM	Max	0	Max	0	21.79	0.1581
40549_40669	64QAM	1	0	1	Max	21.62	0.1521
	64QAM	1	Max	1	0	21.97	0.1648
H	64QAM	Max	0	Max	0	21.75	0.1567
41395_41515	64QAM	1	0	1	Max	21.82	0.1592
	64QAM	1	Max	1	0	21.95	0.1641
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	Max	0	Max	0	23.65	0.2427
39750_39867	QPSK	1	0	1	Max	23.64	0.2421
	QPSK	1	Max	1	0	23.70	0.2455
M	QPSK	Max	0	Max	0	23.73	0.2472
40595_40712	QPSK	1	0	1	Max	23.47	0.2328
	QPSK	1	Max	1	0	23.66	0.2432
H	QPSK	Max	0	Max	0	23.61	0.2404
41440_41557	QPSK	1	0	1	Max	23.49	0.2339
	QPSK	1	Max	1	0	23.64	0.2421
L	16QAM	Max	0	Max	0	22.84	0.2014
39750_39867	16QAM	1	0	1	Max	22.86	0.2023
	16QAM	1	Max	1	0	22.79	0.1991
M	16QAM	Max	0	Max	0	22.69	0.1945
40595_40712	16QAM	1	0	1	Max	22.52	0.1871
	16QAM	1	Max	1	0	22.72	0.1959
H	16QAM	Max	0	Max	0	22.59	0.1901
41440_41557	16QAM	1	0	1	Max	22.80	0.1995
	16QAM	1	Max	1	0	22.86	0.2023
L	64QAM	Max	0	Max	0	21.82	0.1592
39750_39867	64QAM	1	0	1	Max	21.75	0.1567
	64QAM	1	Max	1	0	21.89	0.1618
M	64QAM	Max	0	Max	0	21.71	0.1552
40595_40712	64QAM	1	0	1	Max	21.75	0.1567
	64QAM	1	Max	1	0	21.82	0.1592
H	64QAM	Max	0	Max	0	21.93	0.1633
41440_41557	64QAM	1	0	1	Max	21.71	0.1552
	64QAM	1	Max	1	0	22.01	0.1663
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	Max	0	Max	0	23.79	0.2506
39683_39800	QPSK	1	0	1	Max	23.58	0.2388
	QPSK	1	Max	1	0	23.75	0.2483
M	QPSK	Max	0	Max	0	23.87	0.2553
40528_40645	QPSK	1	0	1	Max	23.44	0.2312
	QPSK	1	Max	1	0	23.61	0.2404
H	QPSK	Max	0	Max	0	23.56	0.2377



41373_41490	QPSK	1	0	1	Max	23.58	0.2388
	QPSK	1	Max	1	0	23.66	0.2432
L 39683_39800	16QAM	Max	0	Max	0	22.82	0.2004
	16QAM	1	0	1	Max	22.93	0.2056
	16QAM	1	Max	1	0	22.83	0.2009
M 40528_40645	16QAM	Max	0	Max	0	22.68	0.1941
	16QAM	1	0	1	Max	22.72	0.1959
	16QAM	1	Max	1	0	22.77	0.1982
H 41373_41490	16QAM	Max	0	Max	0	22.72	0.1959
	16QAM	1	0	1	Max	22.78	0.1986
	16QAM	1	Max	1	0	22.96	0.2070
L 39683_39800	64QAM	Max	0	Max	0	21.79	0.1581
	64QAM	1	0	1	Max	21.69	0.1545
	64QAM	1	Max	1	0	21.86	0.1607
M 40528_40645	64QAM	Max	0	Max	0	21.66	0.1535
	64QAM	1	0	1	Max	21.66	0.1535
	64QAM	1	Max	1	0	21.88	0.1614
H 41373_41490	64QAM	Max	0	Max	0	21.81	0.1589
	64QAM	1	0	1	Max	21.74	0.1563
	64QAM	1	Max	1	0	21.98	0.1652



LTE Band 2

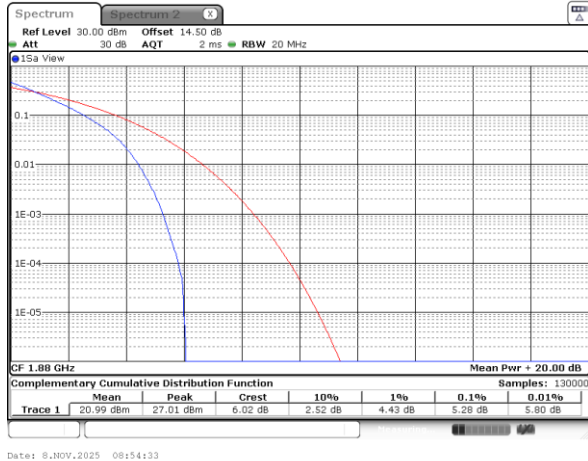
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.28	6.23	6.49	PASS



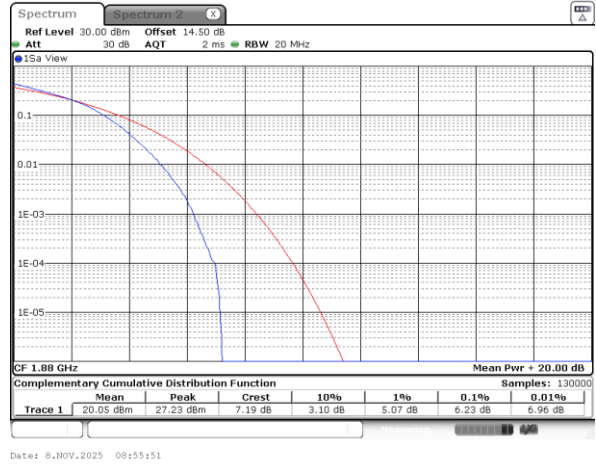
LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



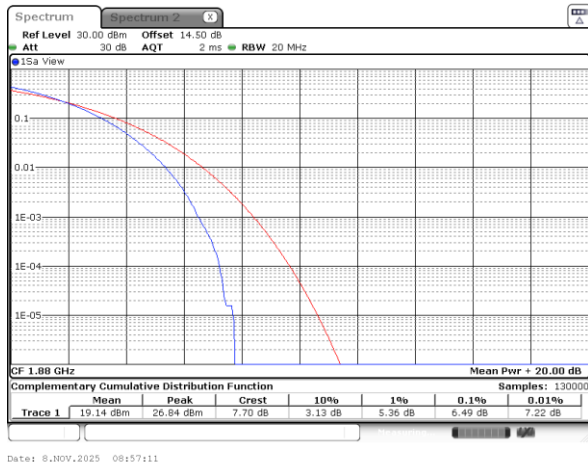
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB





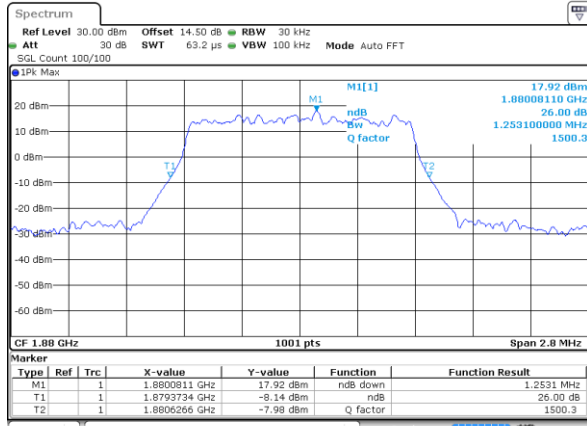
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.25	1.26	2.99	2.98	4.89	4.96	9.77	9.91	14.30	14.39	19.26	19.10



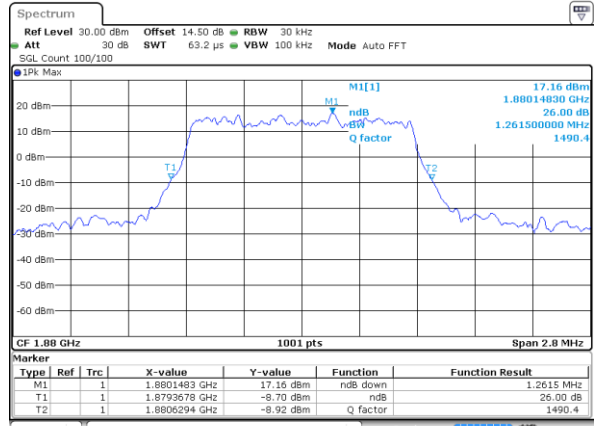
LTE Band 2

Middle Channel / 1.4MHz / QPSK



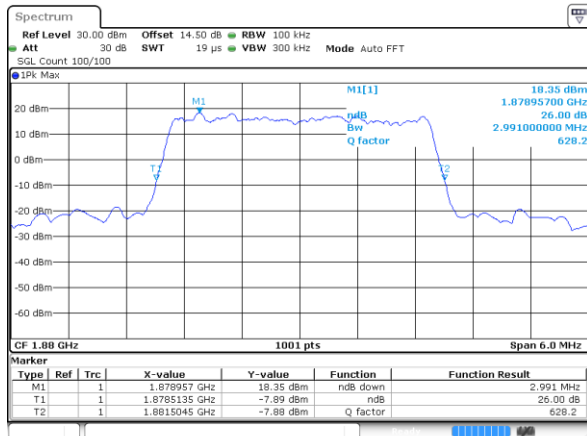
Date: 3 NOV 2025 12:21:54

Middle Channel / 1.4MHz / 16QAM



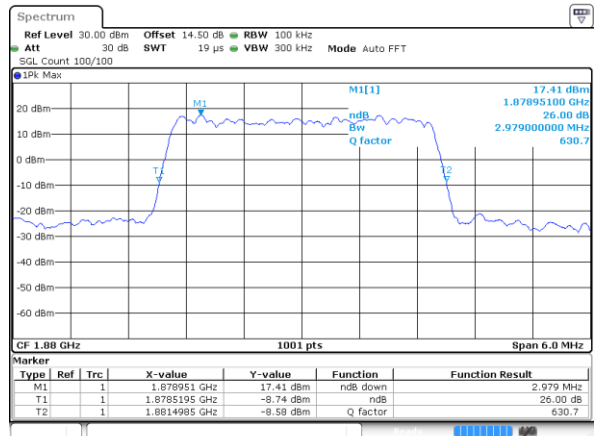
Date: 3 NOV 2025 12:22:33

Middle Channel / 3MHz / QPSK



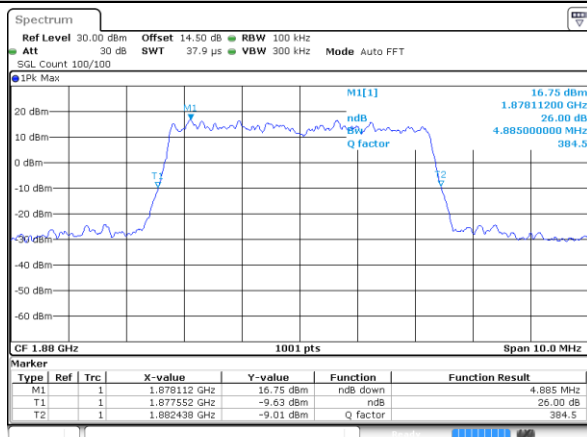
Date: 3 NOV 2025 12:33:58

Middle Channel / 3MHz / 16QAM



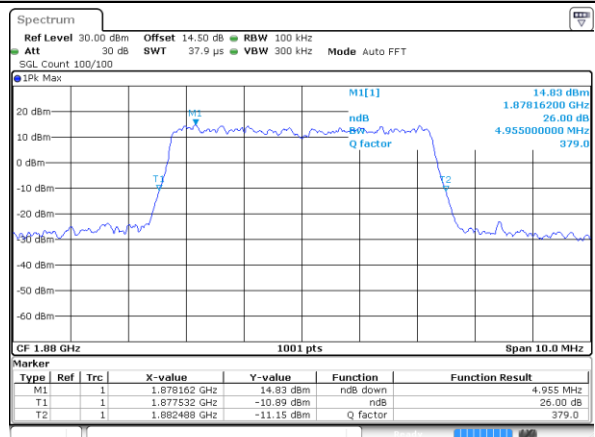
Date: 3 NOV 2025 12:34:37

Middle Channel / 5MHz / QPSK



Date: 3 NOV 2025 12:45:21

Middle Channel / 5MHz / 16QAM

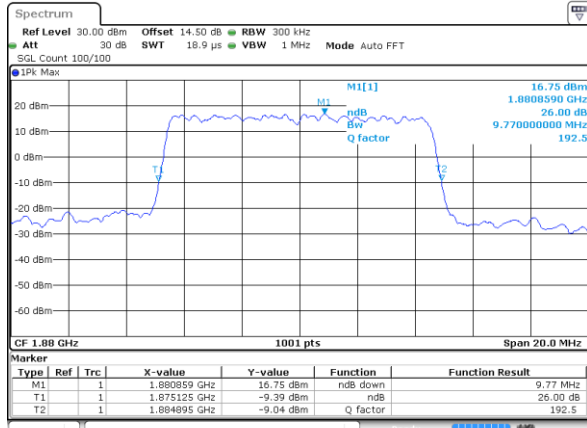


Date: 3 NOV 2025 12:46:00

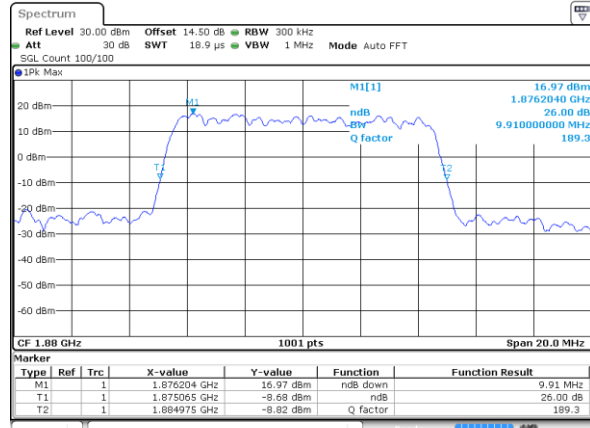


LTE Band 2

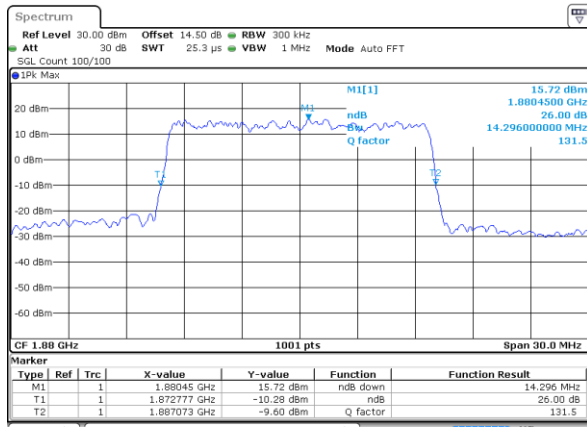
Middle Channel / 10MHz / QPSK



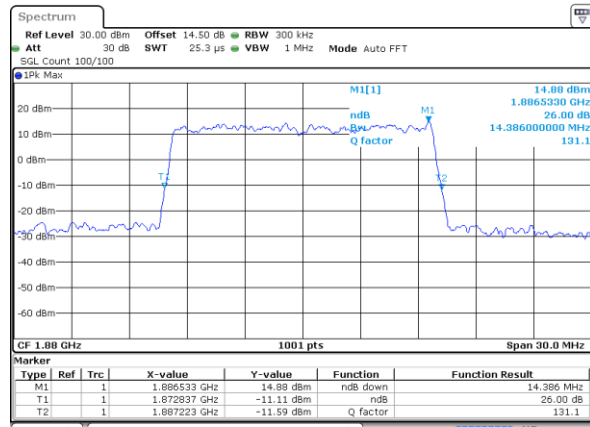
Middle Channel / 10MHz / 16QAM



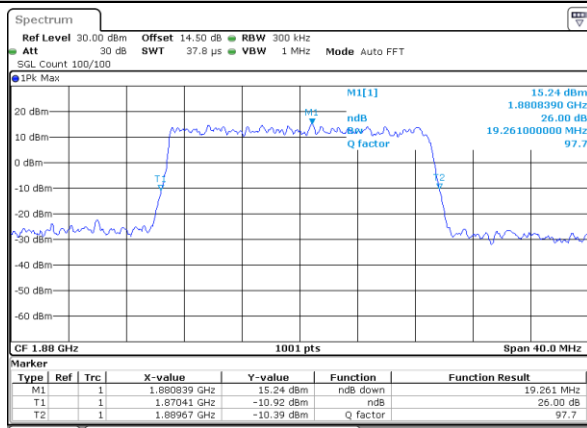
Middle Channel / 15MHz / QPSK



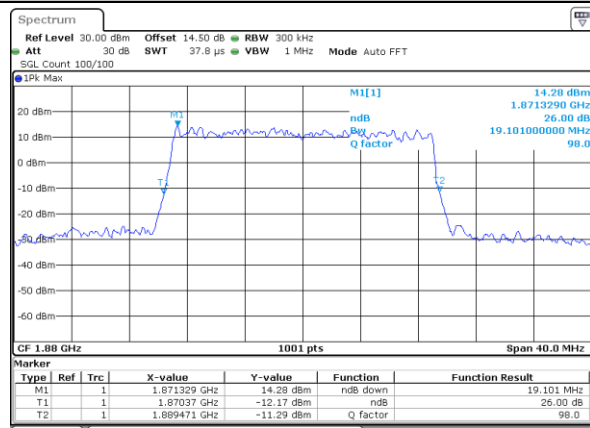
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





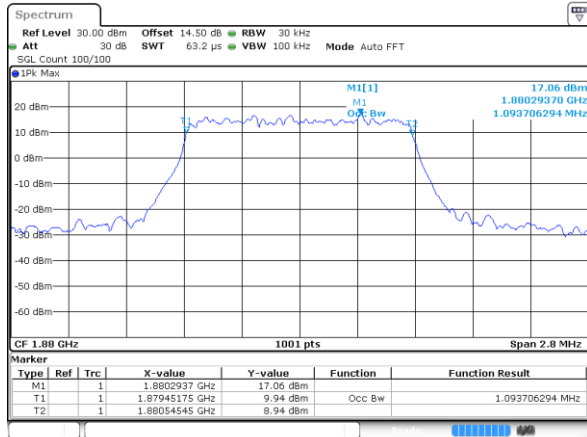
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.70	2.73	4.48	4.49	8.99	9.03	13.43	13.52	17.86	17.94

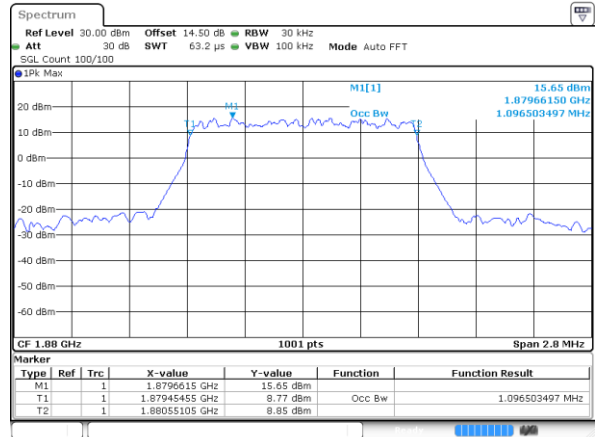


LTE Band 2

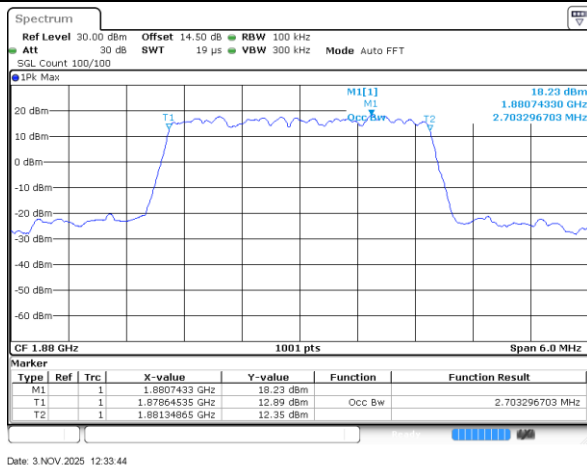
Middle Channel / 1.4MHz / QPSK



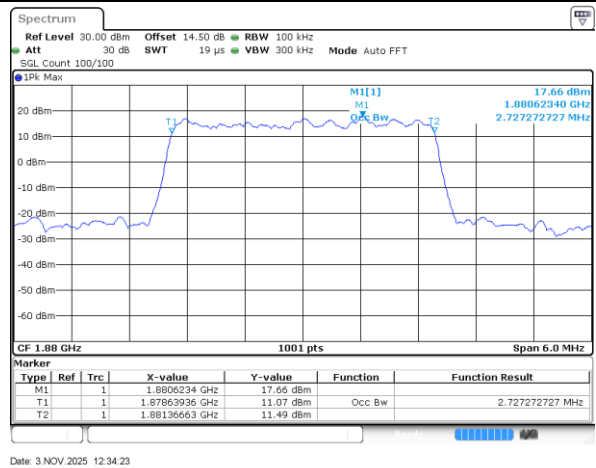
Middle Channel / 1.4MHz / 16QAM



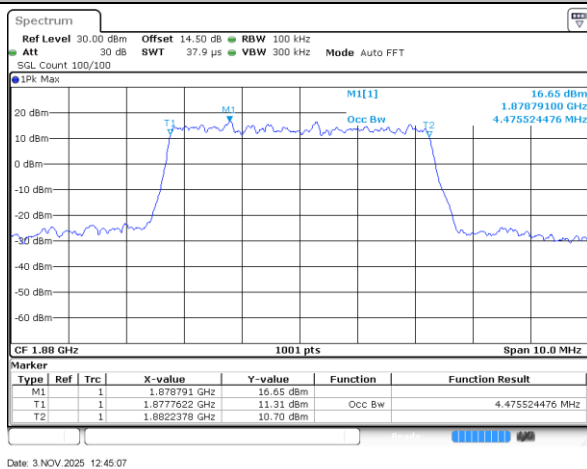
Middle Channel / 3MHz / QPSK



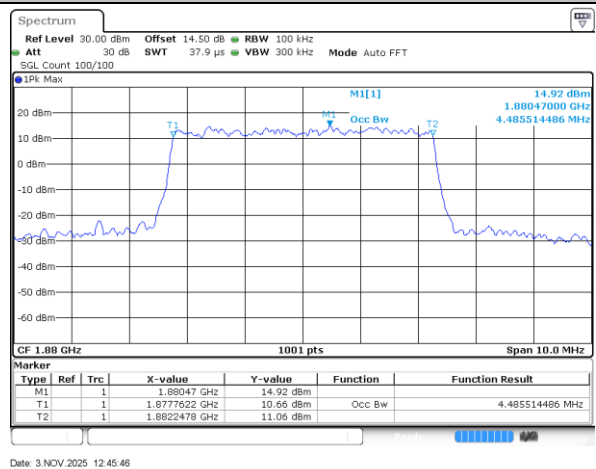
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



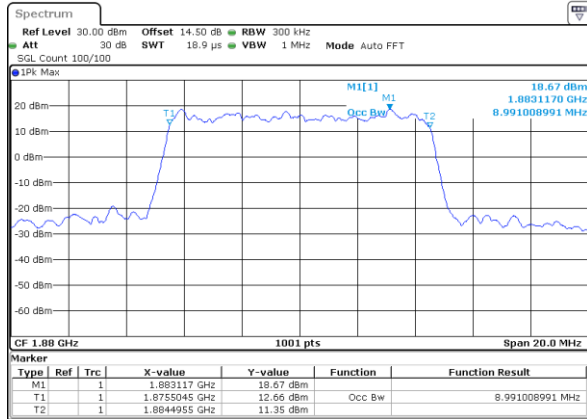
Middle Channel / 5MHz / 16QAM





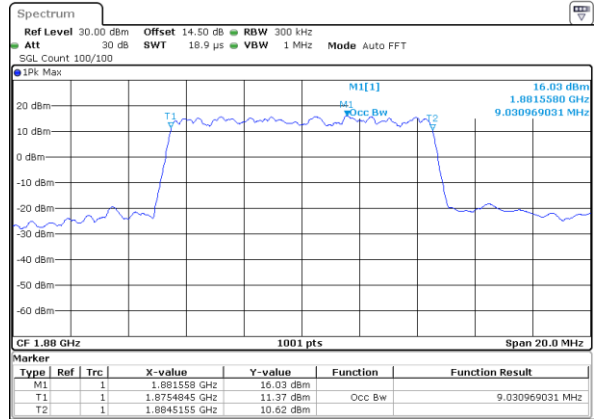
LTE Band 2

Middle Channel / 10MHz / QPSK



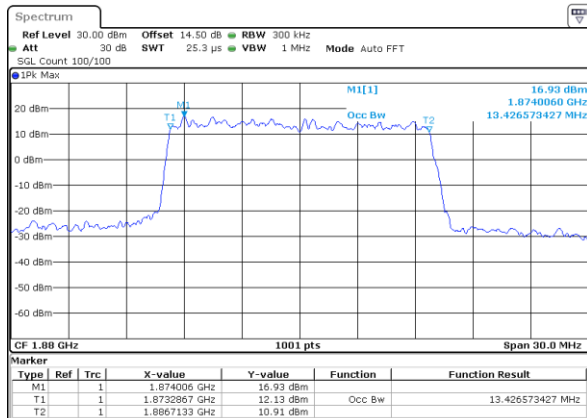
Date: 3 NOV 2025 12:56:05

Middle Channel / 10MHz / 16QAM



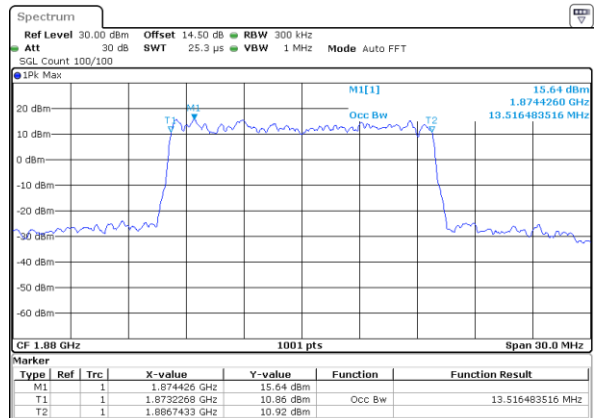
Date: 3 NOV 2025 12:56:44

Middle Channel / 15MHz / QPSK



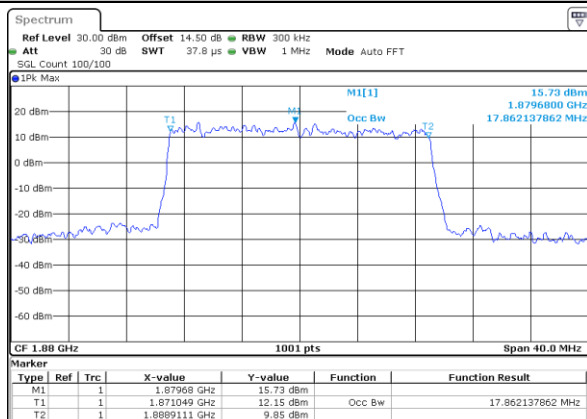
Date: 3 NOV 2025 13:06:56

Middle Channel / 15MHz / 16QAM



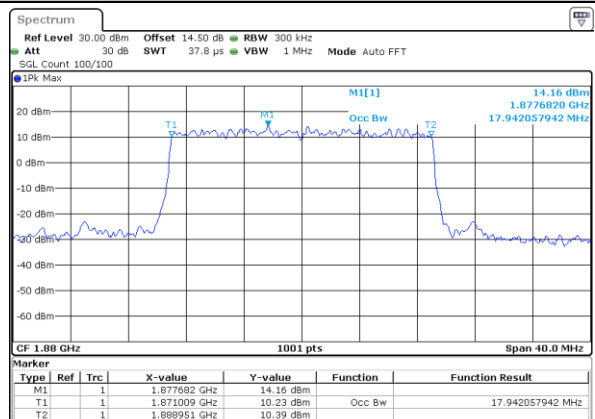
Date: 3 NOV 2025 13:07:35

Middle Channel / 20MHz / QPSK



Date: 3 NOV 2025 13:18:19

Middle Channel / 20MHz / 16QAM



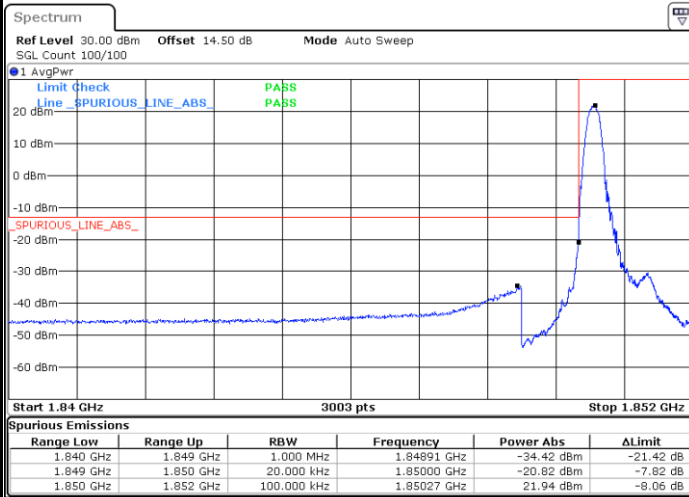
Date: 3 NOV 2025 13:18:58



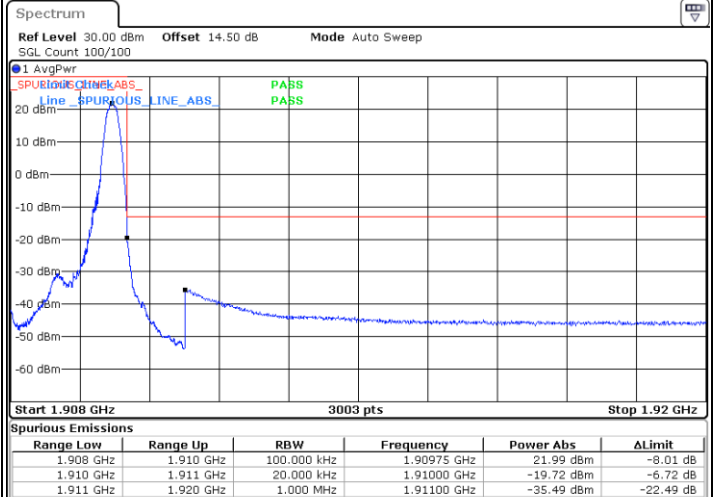
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

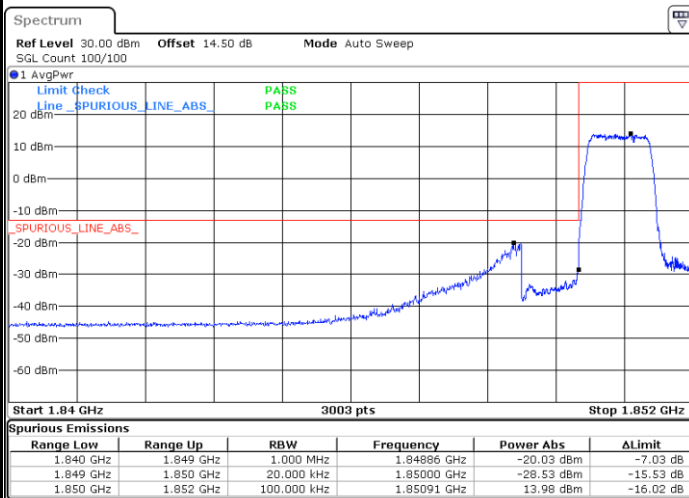
Lowest Band Edge / 1RB



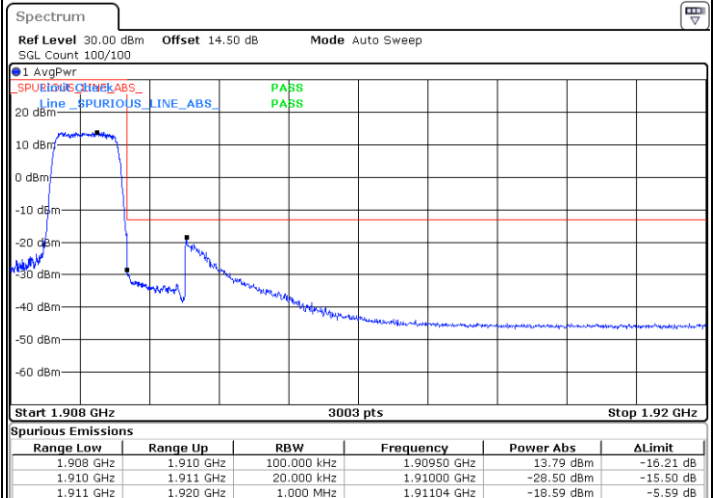
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



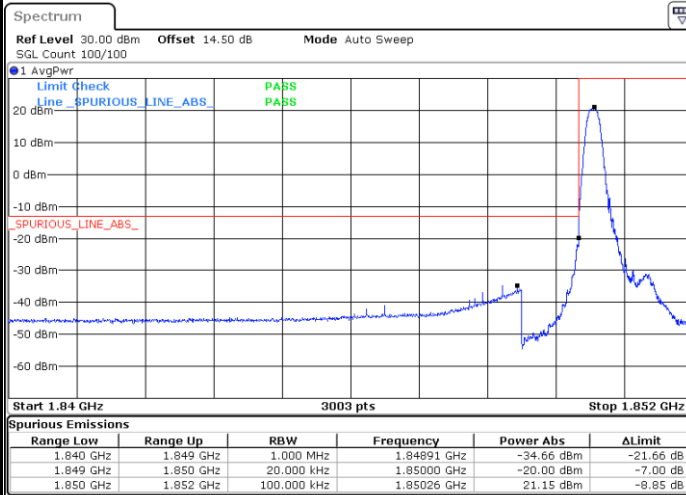
Highest Band Edge / Full RB





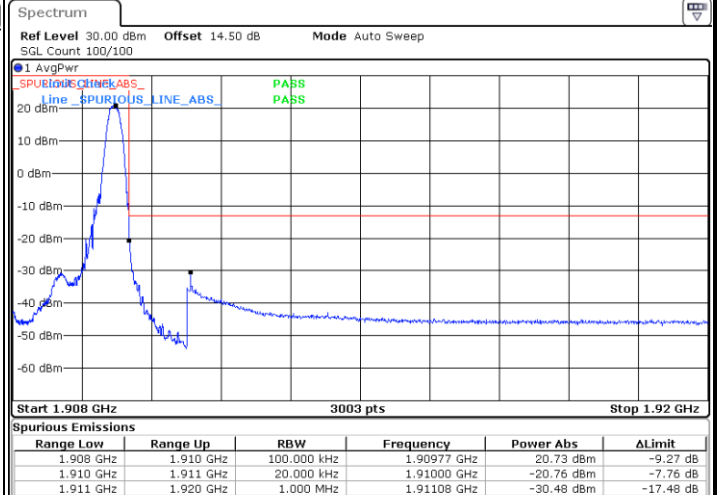
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



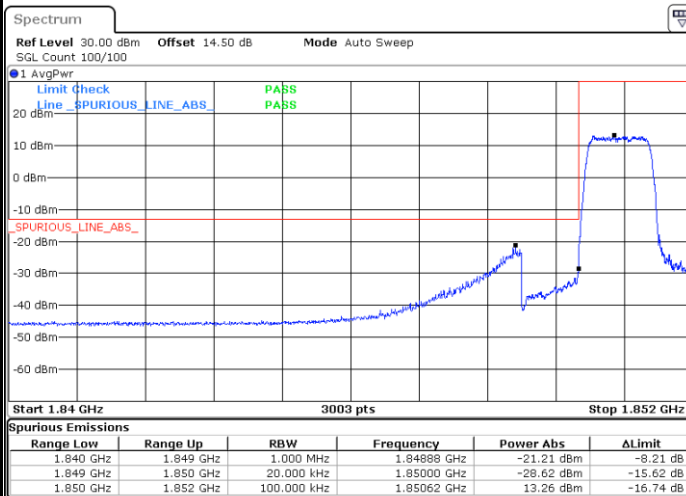
Date: 3 NOV 2025 12:17:18

Highest Band Edge / 1 RB



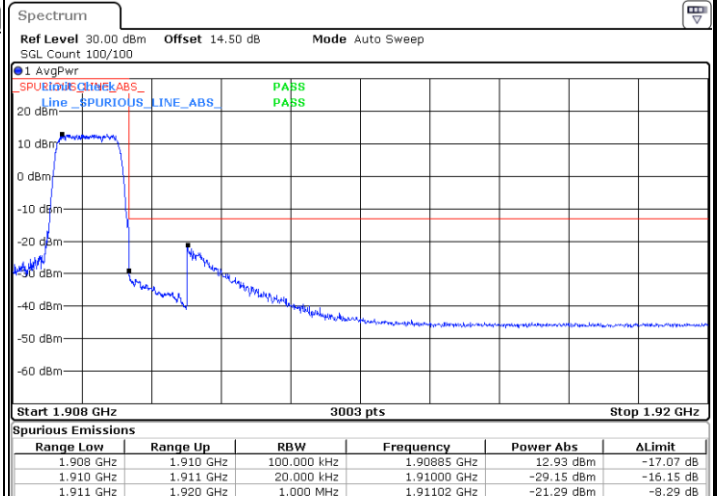
Date: 3 NOV 2025 12:23:31

Lowest Band Edge / Full RB



Date: 3 NOV 2025 12:19:45

Highest Band Edge / Full RB

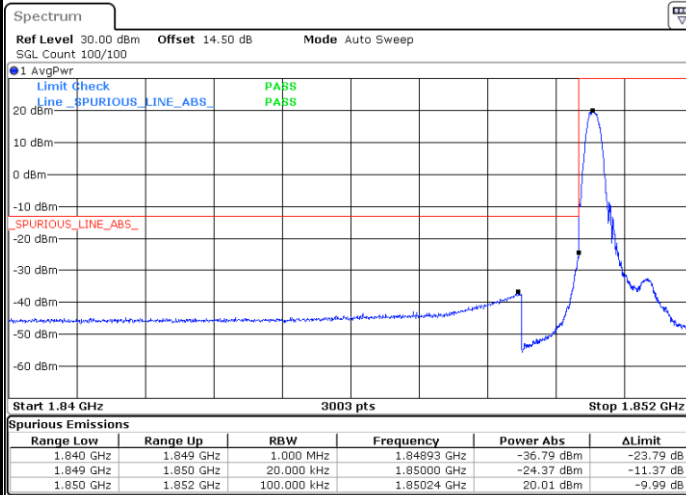


Date: 3 NOV 2025 12:26:40



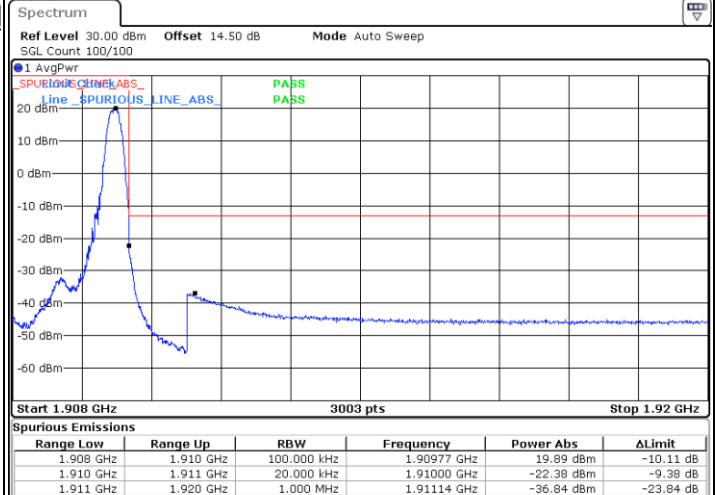
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



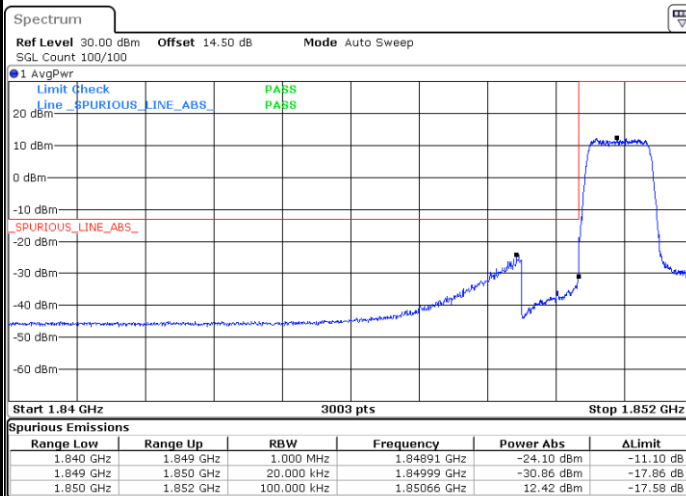
Date: 3 NOV 2025 12:17:47

Highest Band Edge / 1 RB



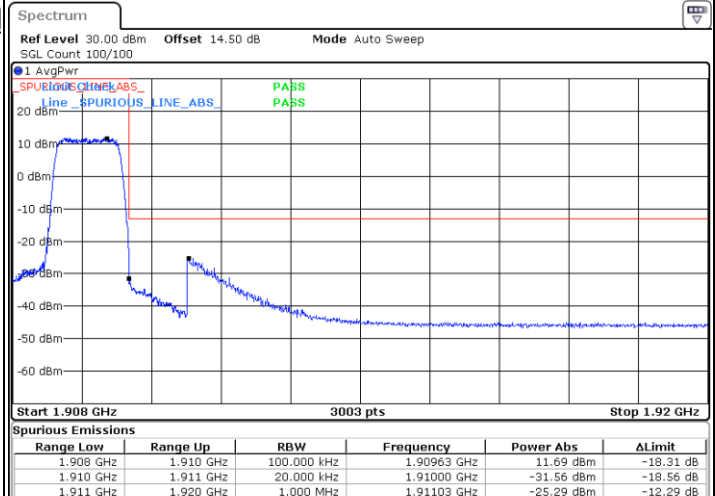
Date: 3 NOV 2025 12:24:00

Lowest Band Edge / Full RB



Date: 3 NOV 2025 12:20:15

Highest Band Edge / Full RB

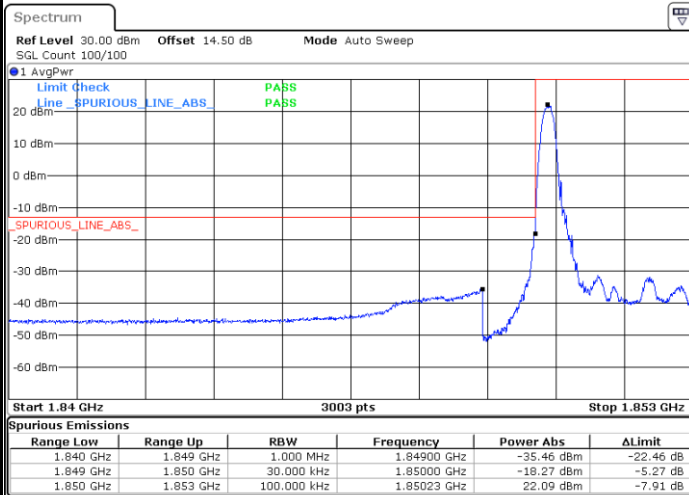


Date: 3 NOV 2025 12:27:09



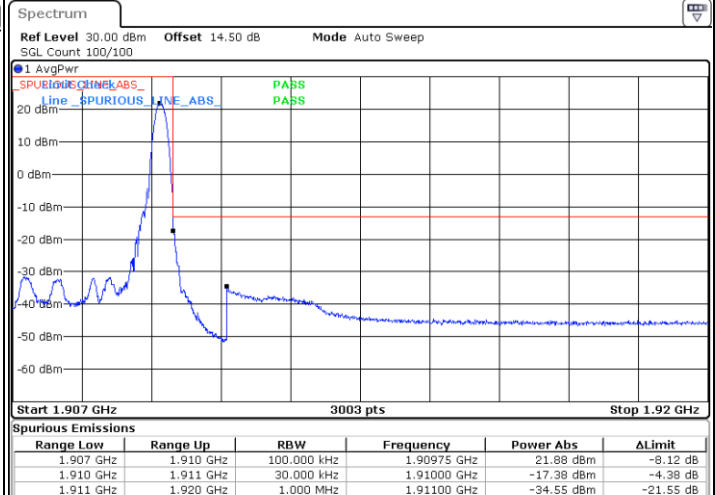
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



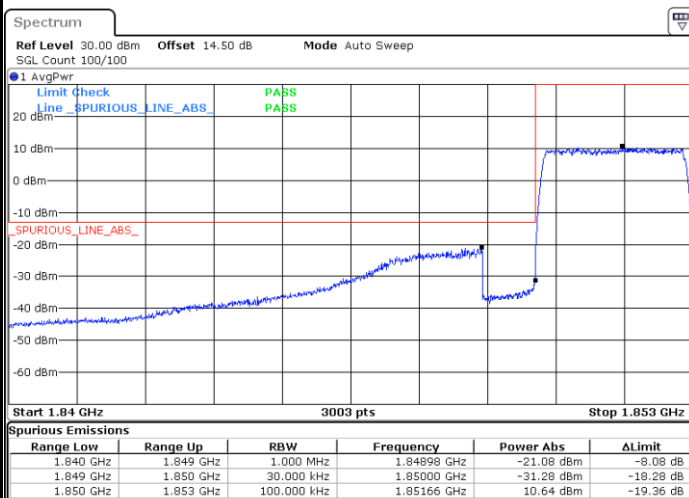
Date: 3 NOV 2025 12:28:53

Highest Band Edge / 1RB



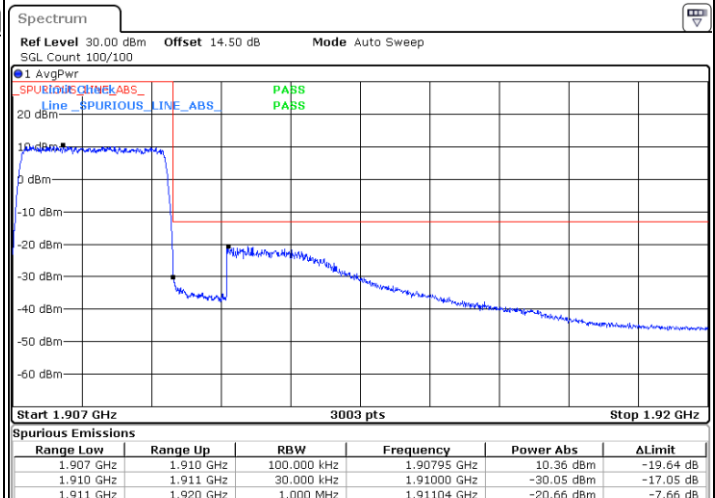
Date: 3 NOV 2025 12:35:06

Lowest Band Edge / Full RB



Date: 3 NOV 2025 12:31:21

Highest Band Edge / Full RB

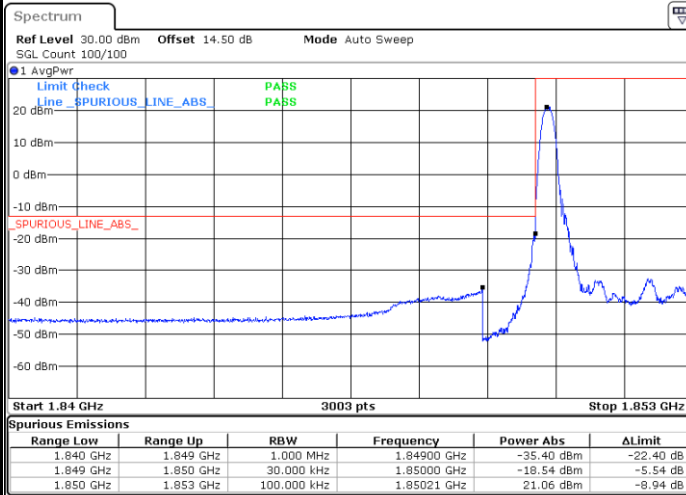


Date: 3 NOV 2025 12:36:34

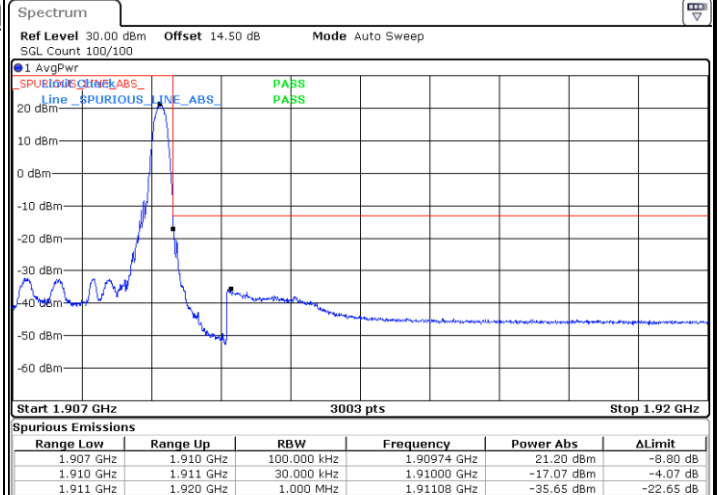


LTE Band 2 / 3MHz / 16QAM

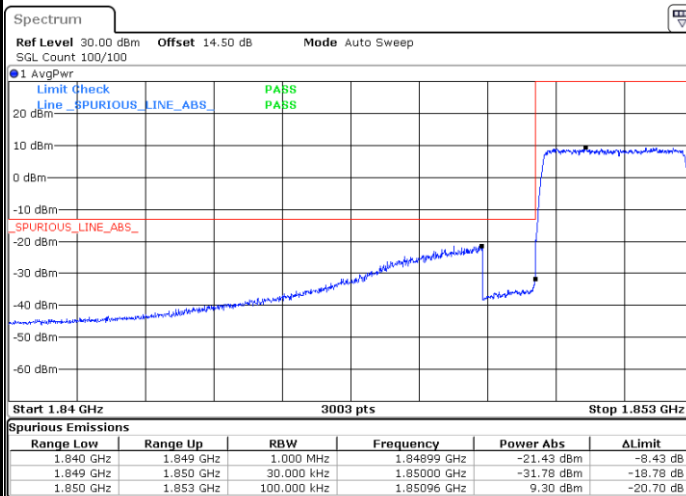
Lowest Band Edge / 1 RB



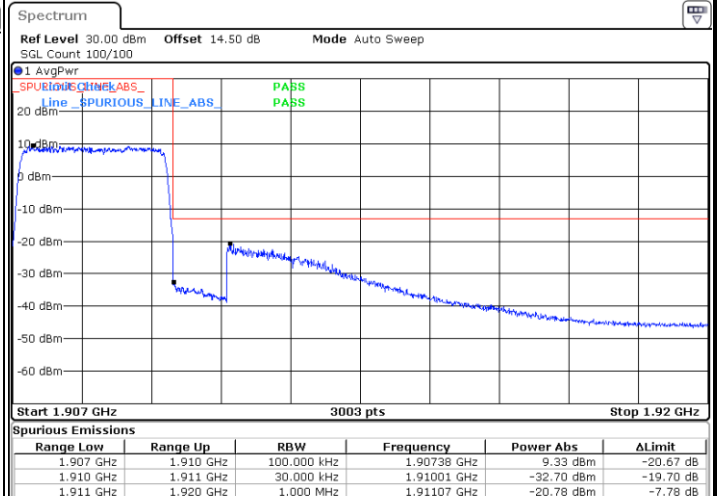
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



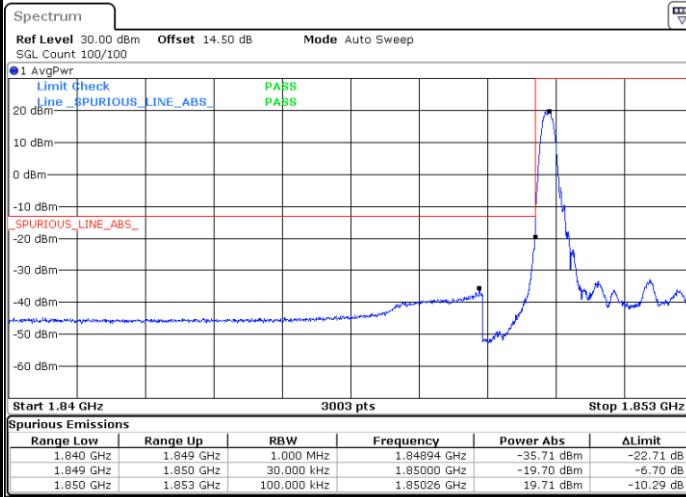
Highest Band Edge / Full RB



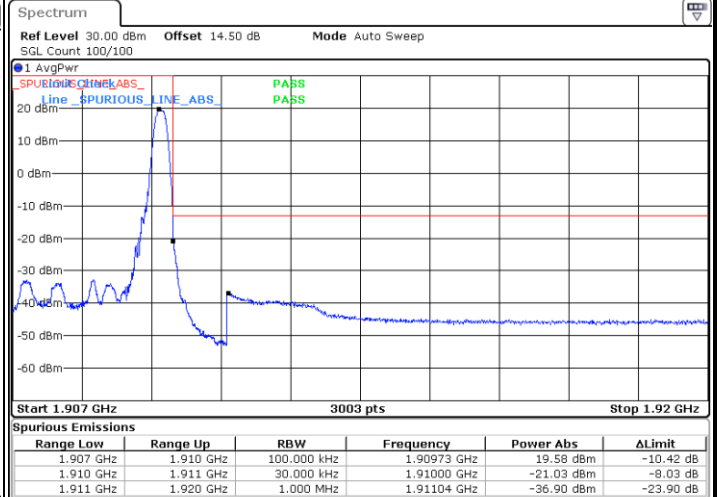


LTE Band 2 / 3MHz / 64QAM

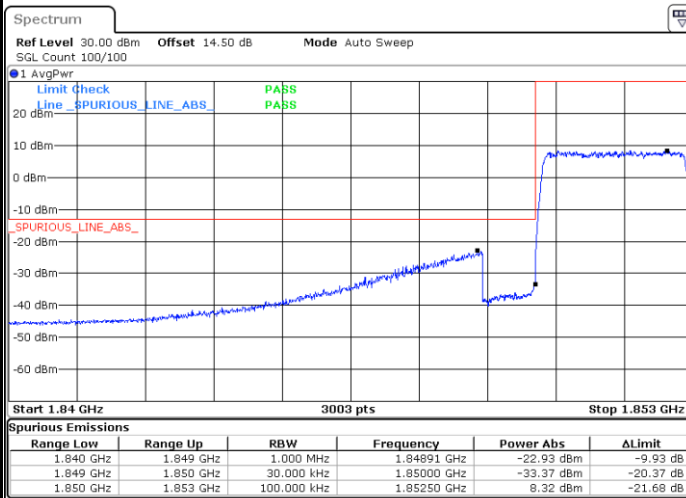
Lowest Band Edge / 1 RB



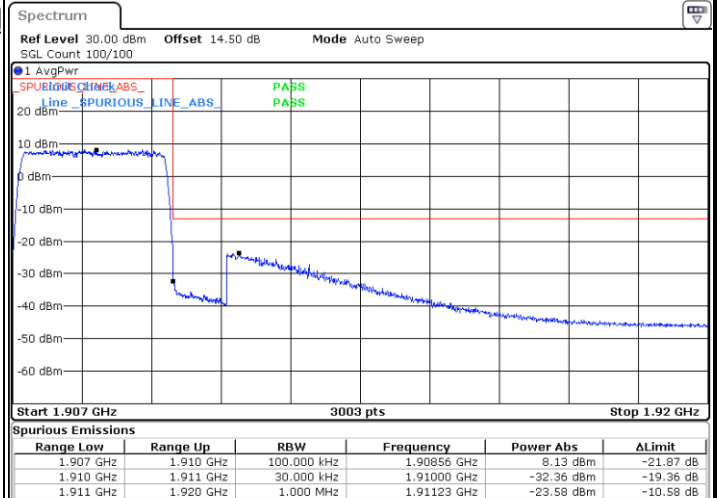
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



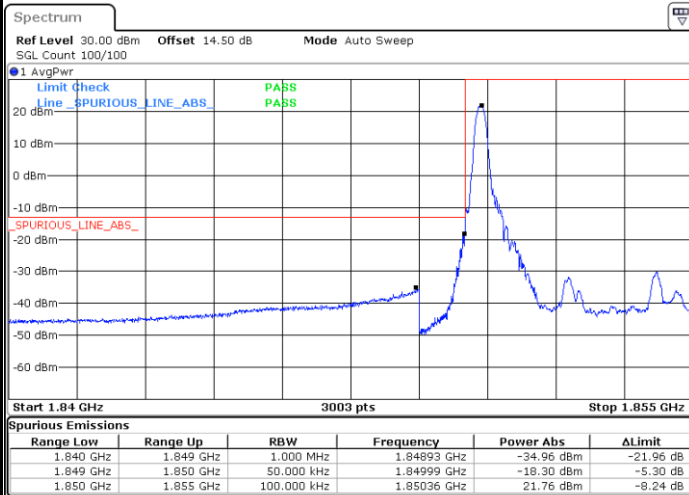
Highest Band Edge / Full RB





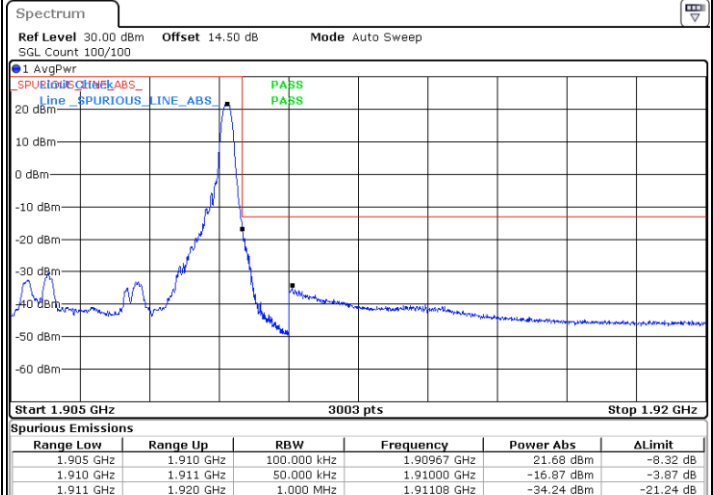
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB



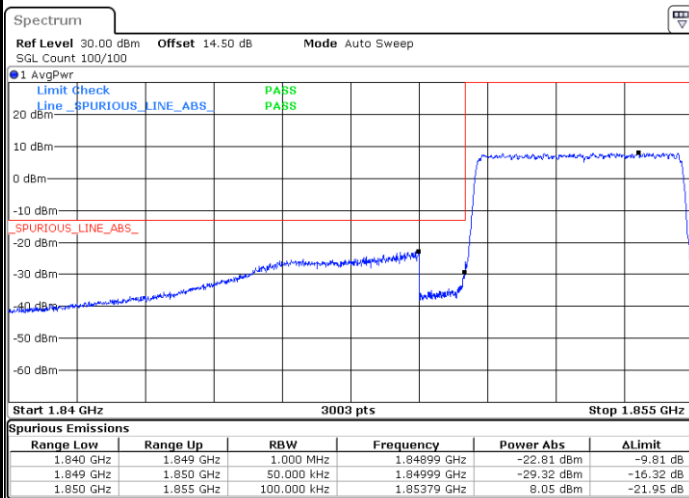
Date: 3 NOV 2025 12:40:16

Highest Band Edge / 1RB



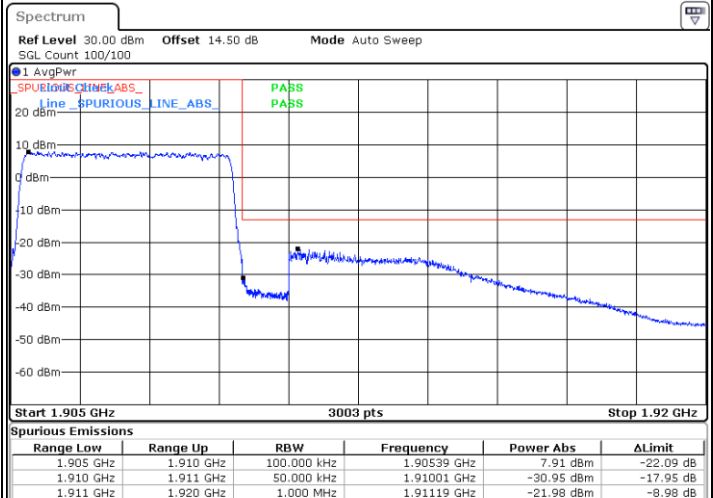
Date: 3 NOV 2025 12:46:29

Lowest Band Edge / Full RB



Date: 3 NOV 2025 12:42:43

Highest Band Edge / Full RB

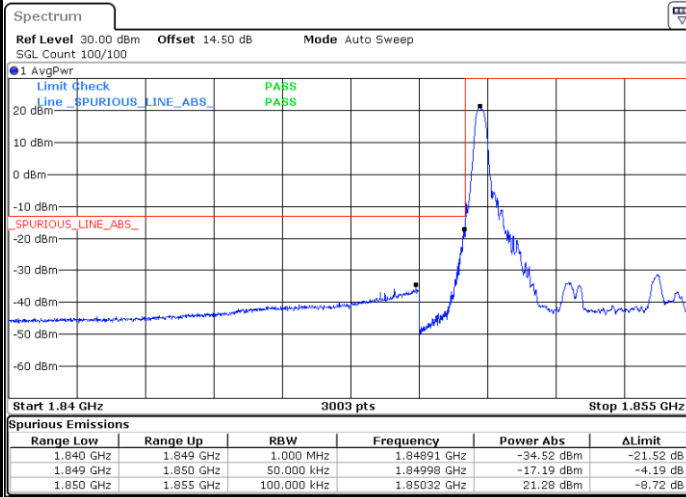


Date: 3 NOV 2025 12:47:56

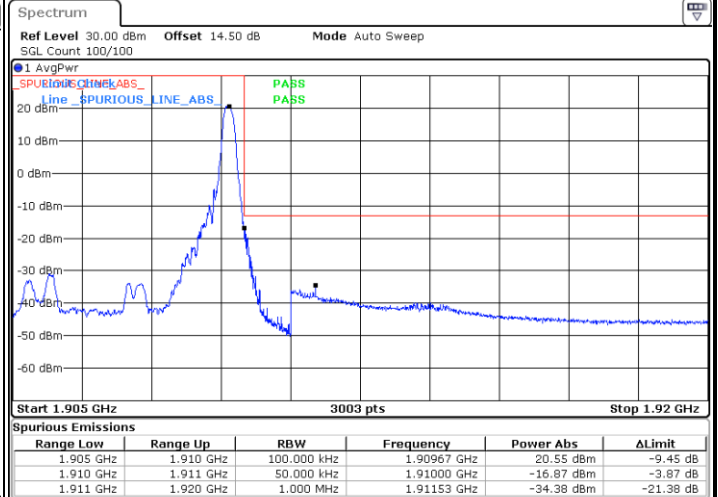


LTE Band 2 / 5MHz / 16QAM

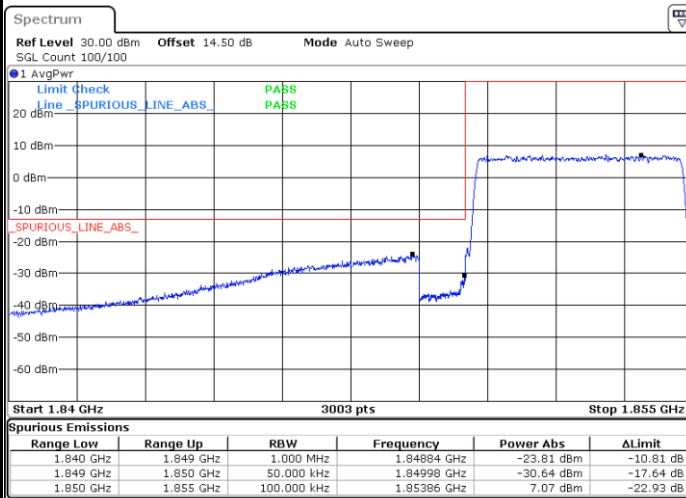
Lowest Band Edge / 1 RB



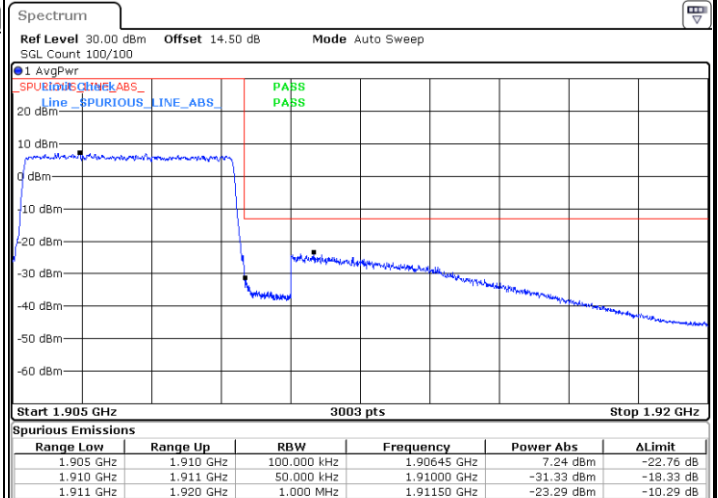
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



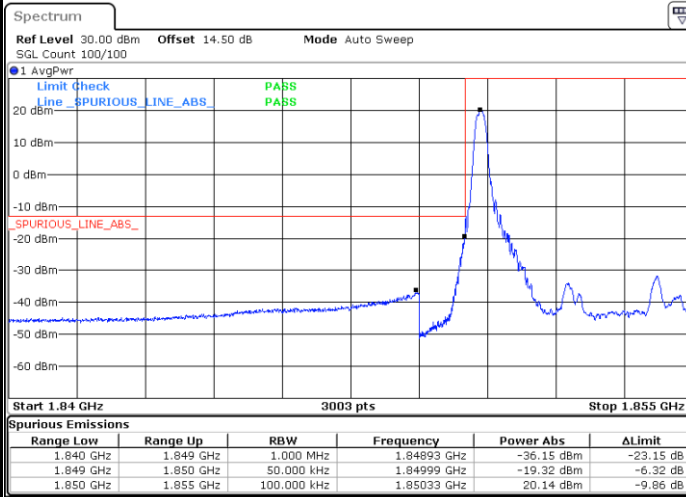
Highest Band Edge / Full RB



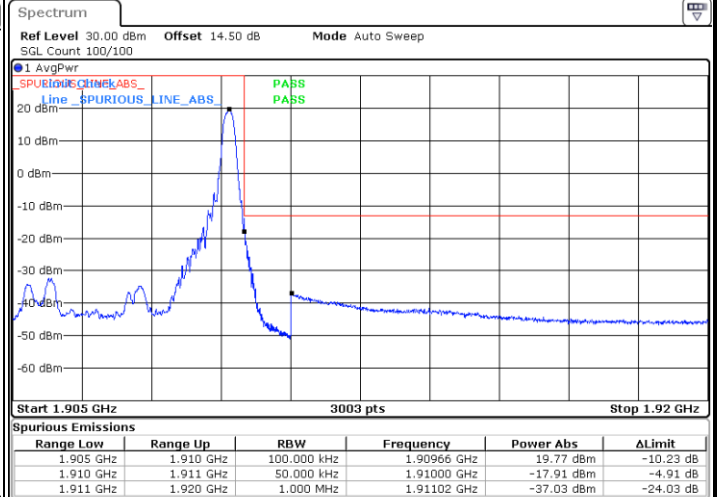


LTE Band 2 / 5MHz / 64QAM

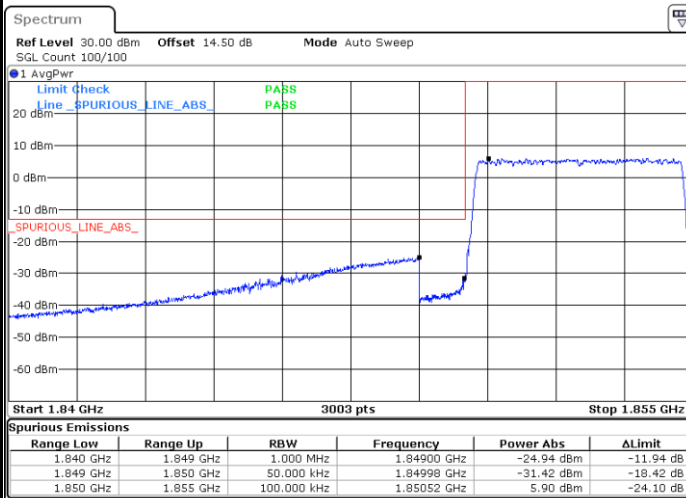
Lowest Band Edge / 1 RB



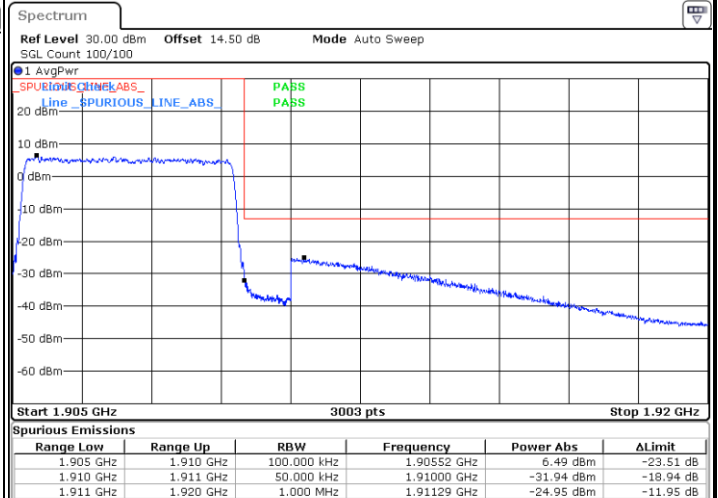
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



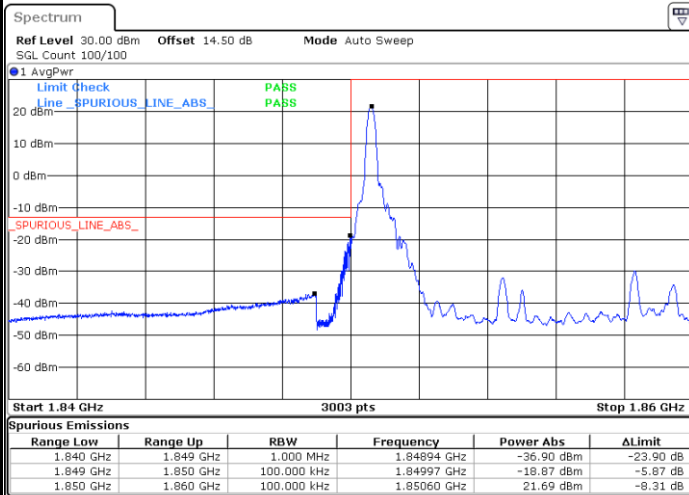
Highest Band Edge / Full RB





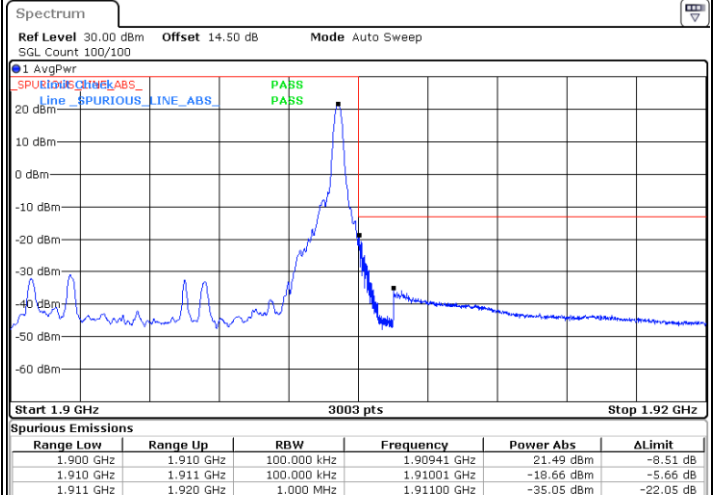
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB



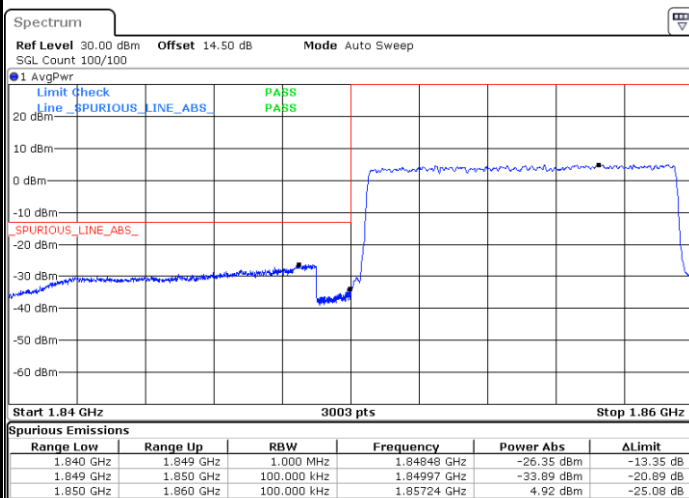
Date: 3 NOV. 2025 12:51:14

Highest Band Edge / 1RB



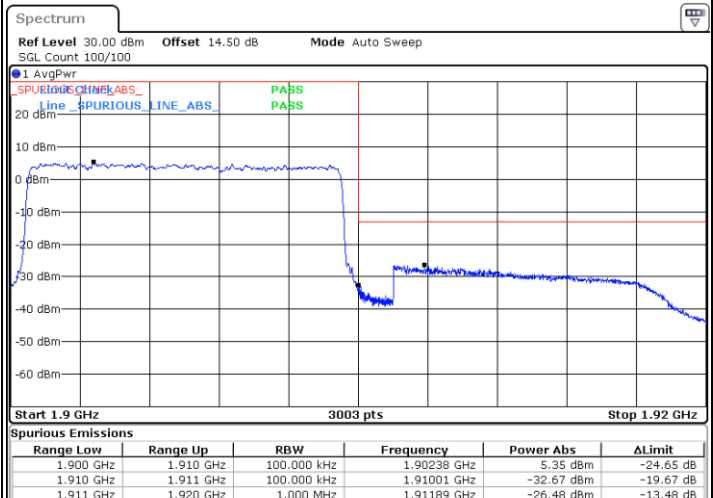
Date: 3 NOV. 2025 12:57:26

Lowest Band Edge / Full RB



Date: 3 NOV. 2025 12:52:42

Highest Band Edge / Full RB

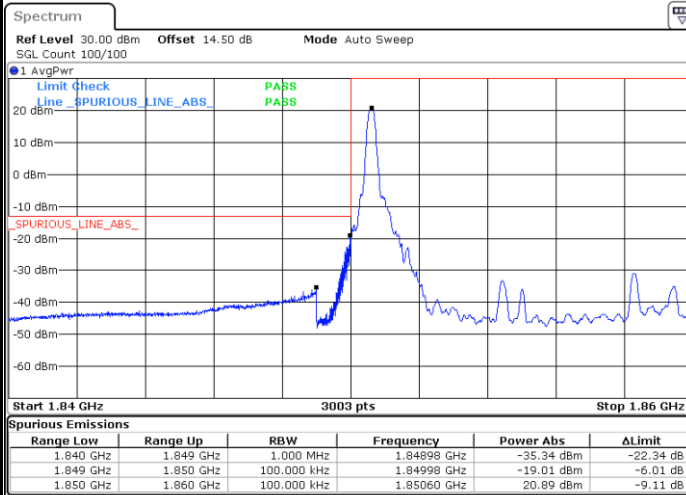


Date: 3 NOV. 2025 12:58:54

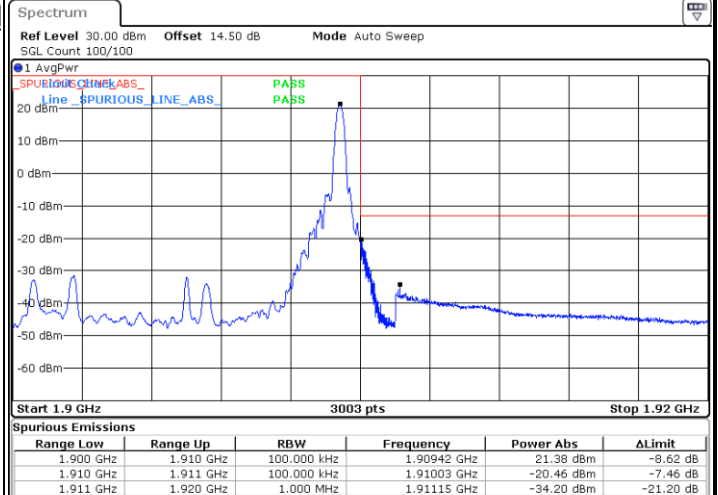


LTE Band 2 / 10MHz / 16QAM

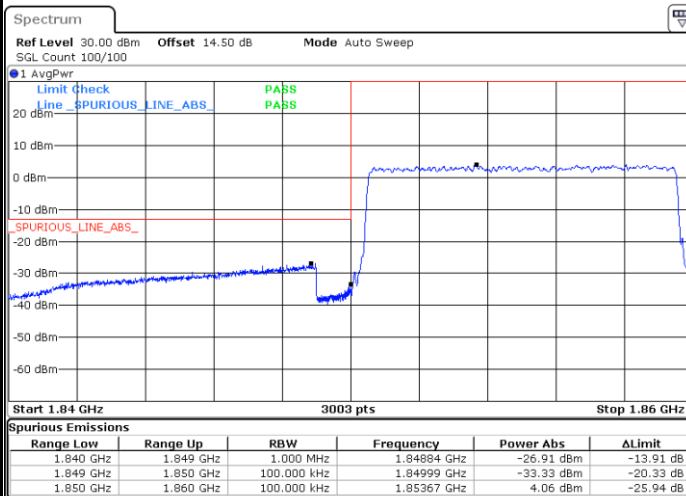
Lowest Band Edge / 1 RB



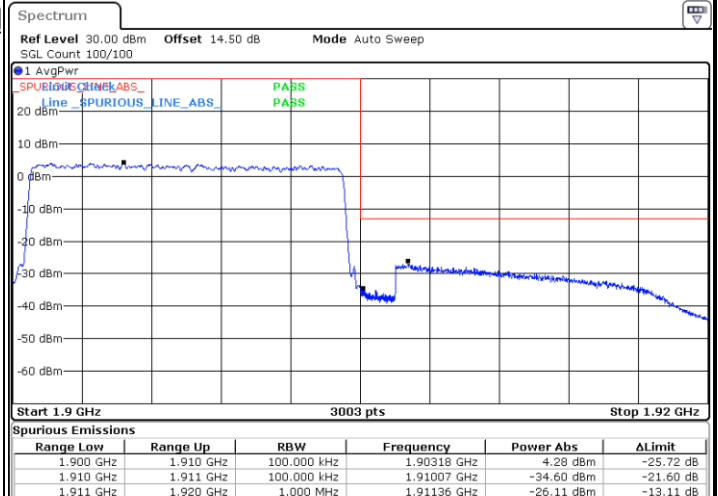
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



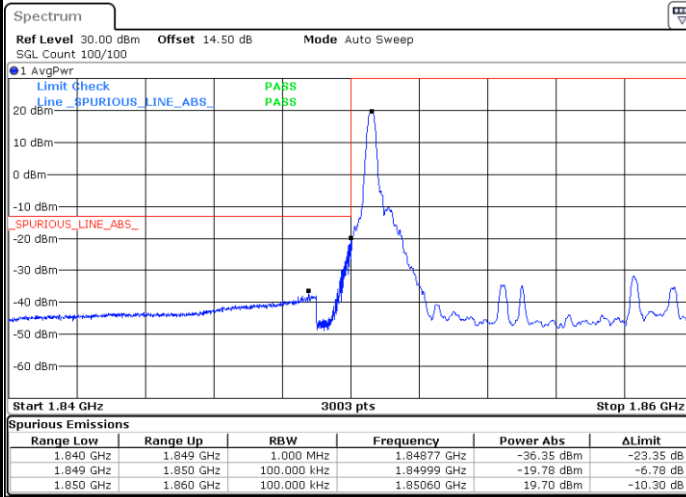
Highest Band Edge / Full RB



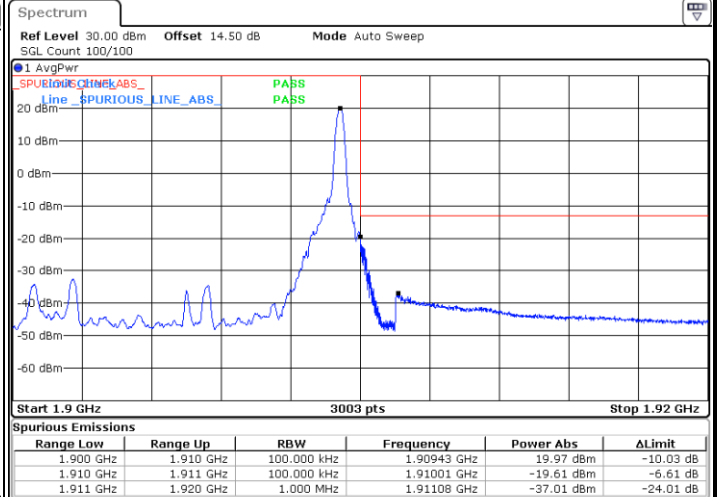


LTE Band 2 / 10MHz / 64QAM

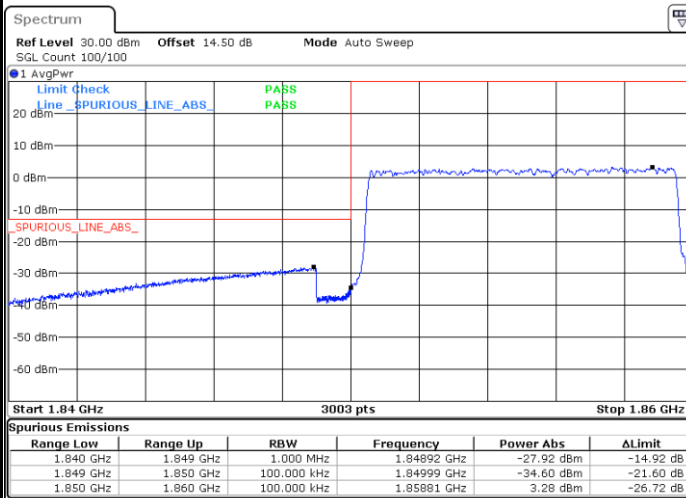
Lowest Band Edge / 1 RB



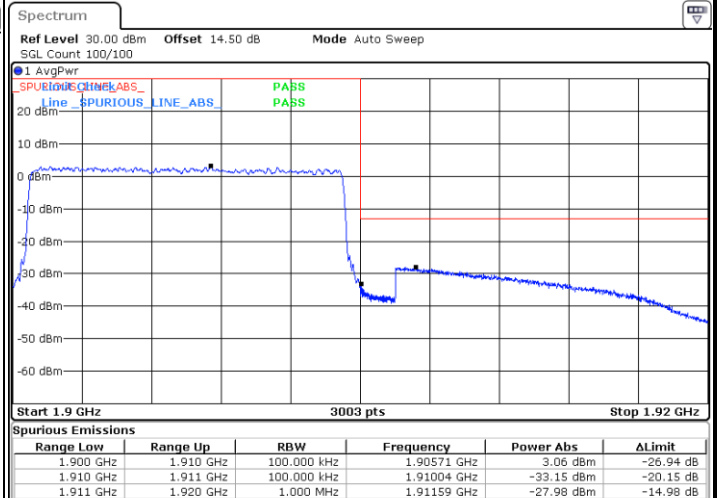
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



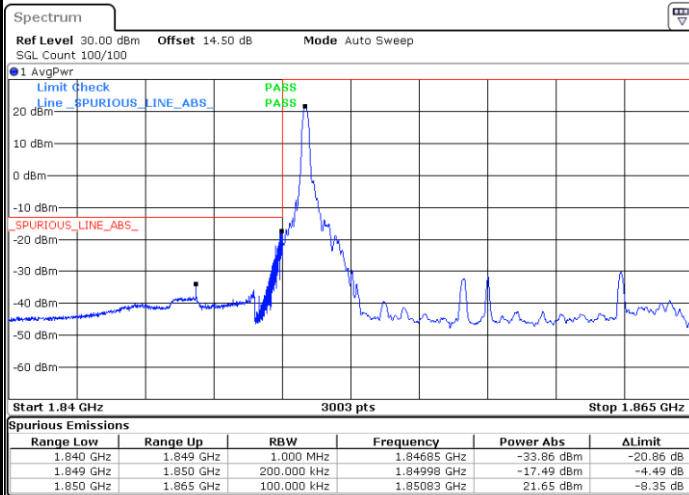
Highest Band Edge / Full RB





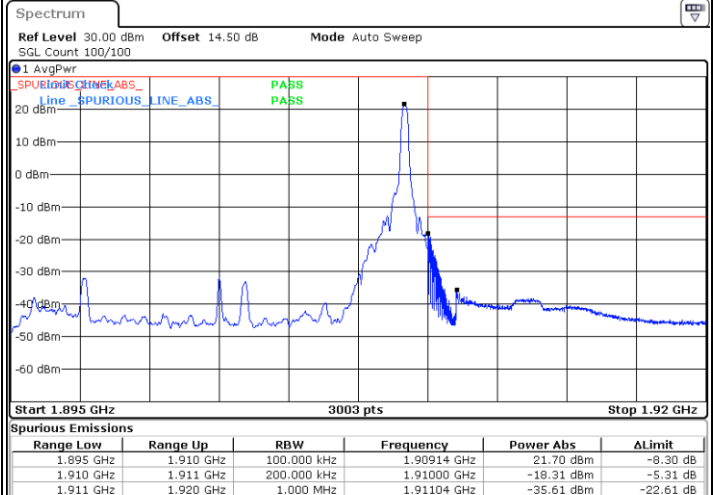
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB



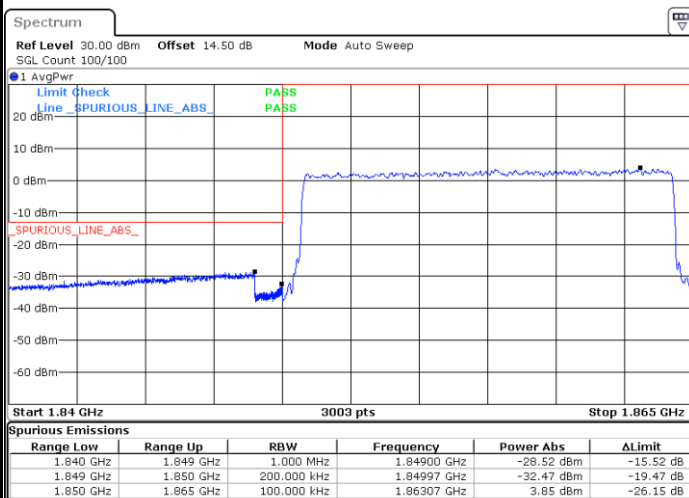
Date: 3 NOV 2025 13:02:05

Highest Band Edge / 1RB



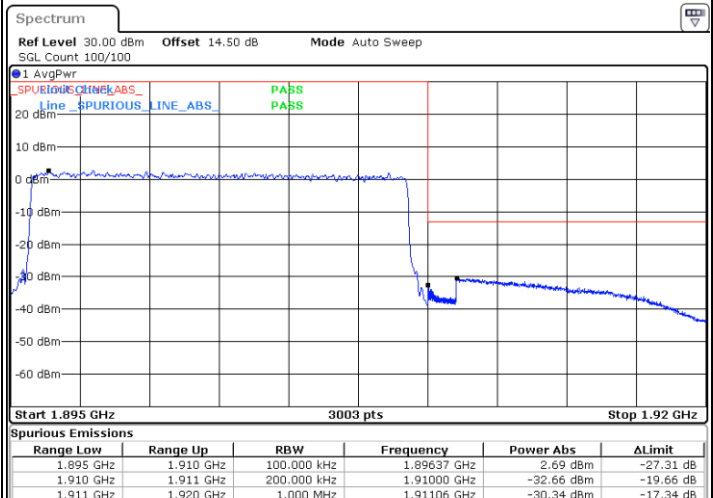
Date: 3 NOV 2025 13:08:18

Lowest Band Edge / Full RB



Date: 3 NOV 2025 13:03:33

Highest Band Edge / Full RB

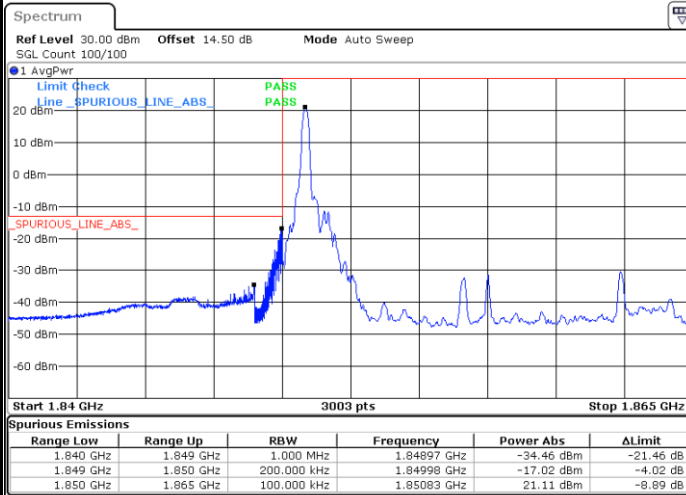


Date: 3 NOV 2025 13:09:45

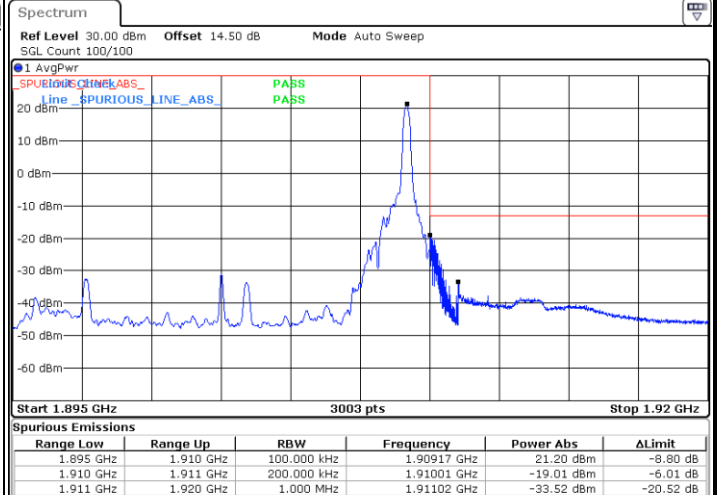


LTE Band 2 / 15MHz / 16QAM

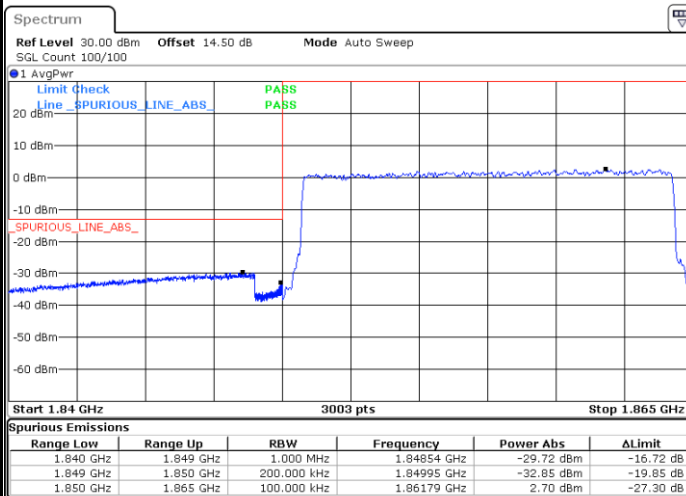
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

