



FCC RF Test Report

APPLICANT : COOSEA GROUP (HK) COMPANY LIMITED
EQUIPMENT : Feature Phone
BRAND NAME : Consumer Cellular
MODEL NAME : SN331CC
FCC ID : 2A28USN331CC
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) : Dec. 29, 2025 ~ Jan. 12, 2026

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



Sporton International Inc. (ShenZhen)

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People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	6
1.1 Applicant	6
1.2 Manufacturer	6
1.3 Product Feature of Equipment Under Test	6
1.4 Product Specification of Equipment Under Test	7
1.5 Modification of EUT	8
1.6 Maximum ERP/EIRP Power and Emission Designator	8
1.7 Testing Location	10
1.8 Test Software	10
1.9 Applicable Standards	10
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	11
2.1 Test Mode	11
2.2 Connection Diagram of Test System	13
2.3 Support Unit used in test configuration and system	13
2.4 Measurement Results Explanation Example	13
2.5 Frequency List of Low/Middle/High Channels	14
3 CONDUCTED TEST ITEMS	17
3.1 Measuring Instruments	17
3.2 Test Setup	17
3.3 Test Result of Conducted Test	17
3.4 Conducted Output Power and ERP/EIRP	18
3.5 Peak-to-Average Ratio	19
3.6 Occupied Bandwidth	20
3.7 Conducted Band Edge	21
3.8 Conducted Spurious Emission	23
3.9 Frequency Stability	24
4 RADIATED TEST ITEMS	25
4.1 Measuring Instruments	25
4.2 Test Setup	25
4.3 Test Result of Radiated Test	26
4.4 Radiated Spurious Emission	27
5 LIST OF MEASURING EQUIPMENT	28
6 MEASUREMENT UNCERTAINTY	29
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG5N2009B	Rev. 01	Initial issue of report	Mar. 09, 2026

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) (Band 17)	ERP < 3 Watt		-
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 7)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(g) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 66)	< 43+10log10(P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7)	§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) (Band 17) (Band 66)	< 43+10log10(P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7)	< 55+10log10(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		
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) (Band 17) (Band 66)	< 43+10log10(P[Watts])	PASS	Under limit 26.46 dB at 10104.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7)	< 55+10log10(P[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

COOSEA GROUP (HK) COMPANY LIMITED

UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

1.2 Manufacturer

COOSEA GROUP (HK) COMPANY LIMITED

UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Feature Phone
Brand Name	Consumer Cellular
Model Name	SN331CC
FCC ID	2A28USN331CC
IMEI Code	Conducted: 351341590003995/351341590004001 Radiation: 351341590004191/351341590004209
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

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 7 : 2500 MHz ~ 2570 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 17 : 704 MHz ~ 716 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 7 : 2620 MHz ~ 2690 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 17 : 734 MHz ~ 746 MHz LTE Band 66 : 2110 MHz ~ 2180 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 7 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT0> LTE Band 2 : 24.34 dBm LTE Band 4 : 24.31 dBm LTE Band 5 : 23.82 dBm LTE Band 7 : 23.31 dBm LTE Band 12 : 24.40 dBm LTE Band 17 : 24.35 dBm LTE Band 66 : 24.35 dBm <ANT5> LTE Band 2 : 23.69 dBm LTE Band 4 : 23.48 dBm LTE Band 66 : 23.56 dBm
Antenna Gain	<ANT0> LTE Band 2 : 0.73 dBi LTE Band 4 : 1.50 dBi LTE Band 5 : -0.43 dBi LTE Band 7 : -2.60 dBi LTE Band 12 : -1.33 dBi LTE Band 17 : -1.33 dBi LTE Band 66 : 1.50 dBi <ANT5> LTE Band 2 : -1.20 dBi LTE Band 4 : -0.84 dBi LTE Band 66 : -0.84 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note: The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 0 for LTE Band2/4/5/7/12/17/66 is shown in the report.



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/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1850.7 ~ 1909.3	0.3162	1M09G7D	0.2570	1M09W7D
3	1851.5 ~ 1908.5	0.3199	2M69G7D	0.2667	2M72W7D
5	1852.5 ~ 1907.5	0.3170	4M48G7D	0.2655	4M49W7D
10	1855.0 ~ 1905.0	0.3206	9M11G7D	0.2636	9M03W7D
15	1857.5 ~ 1902.5	0.3184	13M5G7D	0.2673	13M5W7D
20	1860.0 ~ 1900.0	0.3214	18M0G7D	0.2679	17M8W7D
LTE Band 4		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1754.3	0.3724	1M09G7D	0.3055	1M09W7D
3	1711.5 ~ 1753.5	0.3802	2M72G7D	0.3155	2M73W7D
5	1712.5 ~ 1752.5	0.3776	4M50G7D	0.3126	4M47W7D
10	1715.0 ~ 1750.0	0.3741	8M99G7D	0.3119	9M01W7D
15	1717.5 ~ 1747.5	0.3802	13M5G7D	0.3141	13M4W7D
20	1720.0 ~ 1745.0	0.3811	17M9G7D	0.3184	17M9W7D
LTE Band 5		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.1303	1M09G7D	0.1107	1M08W7D
3	825.5 ~ 847.5	0.1318	2M71G7D	0.1099	2M71W7D
5	826.5 ~ 846.5	0.1321	4M50G7D	0.1094	4M50W7D
10	829.0 ~ 844.0	0.1330	8M99G7D	0.1112	9M01W7D
LTE Band 7		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.1159	4M49G7D	0.0938	4M49W7D
10	2505.0 ~ 2565.0	0.1164	9M13G7D	0.0966	9M01W7D



15	2507.5 ~ 2562.5	0.1153	13M4G7D	0.0971	13M4W7D
20	2510.0 ~ 2560.0	0.1178	17M8G7D	0.0973	17M8W7D
LTE Band 12		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.1183	1M09G7D	0.0979	1M10W7D
3	700.5 ~ 714.5	0.1211	2M72G7D	0.1026	2M72W7D
5	701.5 ~ 713.5	0.1213	4M48G7D	0.1023	4M50W7D
10	704.0 ~ 711.0	0.1236	9M01G7D	0.1038	9M03W7D
LTE Band 17		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	706.5 ~ 713.5	0.1199	4M48G7D	0.1028	4M50W7D
10	709.0 ~ 711.0	0.1222	9M01G7D	0.1033	9M03W7D
LTE Band 66		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1779.3	0.3793	1M09G7D	0.3083	1M09W7D
3	1711.5 ~ 1778.5	0.3811	2M72G7D	0.3184	2M73W7D
5	1712.5 ~ 1777.5	0.3811	4M50G7D	0.3141	4M47W7D
10	1715.0 ~ 1775.0	0.3741	8M99G7D	0.3170	9M01W7D
15	1717.5 ~ 1772.5	0.3802	13M5G7D	0.3155	13M4W7D
20	1720.0 ~ 1770.0	0.3846	17M9G7D	0.3199	17M9W7D

Note:

1. LTE Band 66 overlaps the entire frequency range of LTE Band 4. Therefore, the test results provided in this report covers Band 66 as well as Band 4.
2. LTE Band 12 overlaps the entire frequency range of LTE Band 17. Therefore, the test results provided in this report covers Band 12 as well as Band 17.
3. 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 03CH02-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

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.

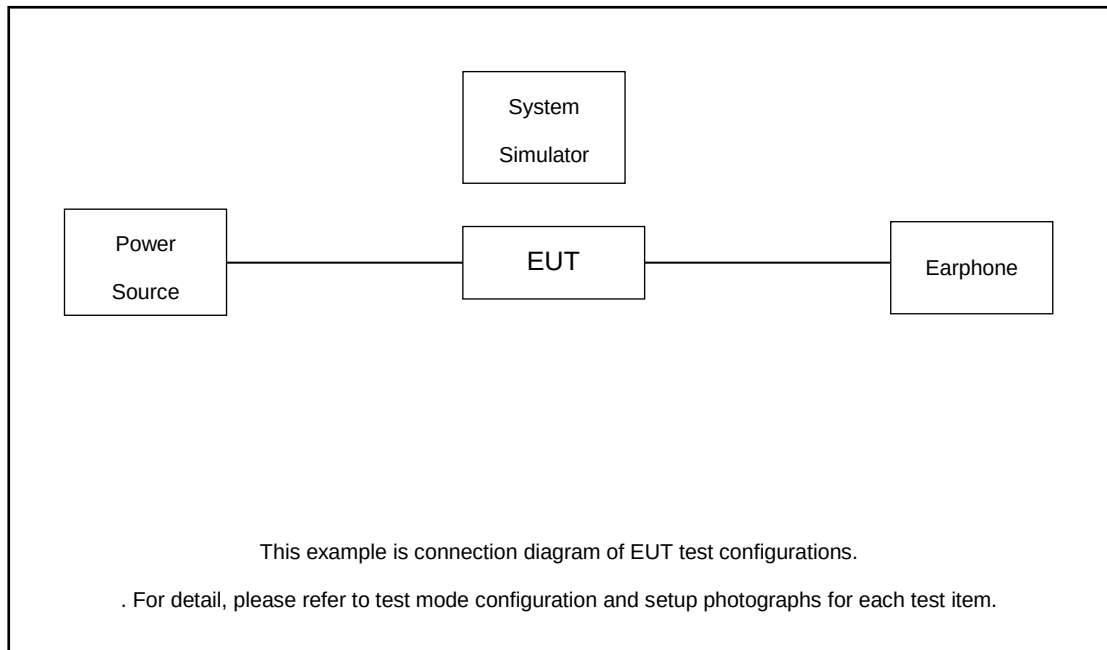
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes and both open and folded states to find the maximum emission. (X/Y Plane)

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



	66	v	v	v	v	v	v	v				v			v	v	v
Frequency Stability	2				v			v						v		v	
	5				v	-	-	v						v		v	
	7	-	-		v			v						v		v	
	12				v	-	-	v						v		v	
	66				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	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	2	Worst Case														v	
	5	Worst Case														v	
	7	Worst Case														v	
	12	Worst Case														v	
	66	Worst Case														v	
Note	1. The mark “v “ means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																

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	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	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 :

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

= 4.5 + 10 = 14.5 (dB)



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

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



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

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

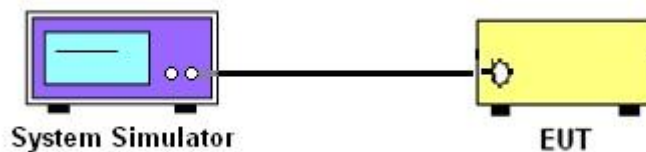
3 Conducted Test Items

3.1 Measuring Instruments

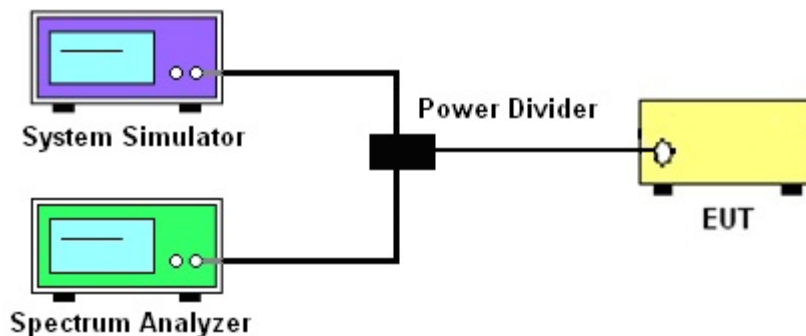
See list of measuring instruments of this test report.

3.2 Test Setup

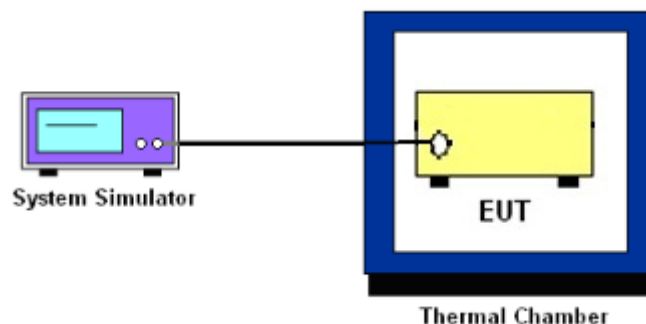
3.2.1 Conducted Output Power



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 and Band 17.

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 7.

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

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

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ 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
1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used and the measured power was integrated over the full required measurement bandwidth of 1 MHz.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

Example:

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

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

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

8. For LTE Band 7 , the other 40 dB, and 55 dB have additionally applied same calculation above.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

For Band 7:

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)
 $= -13\text{dBm}$.
11. For Band 7
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)
 $= -25\text{dBm}$.

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.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

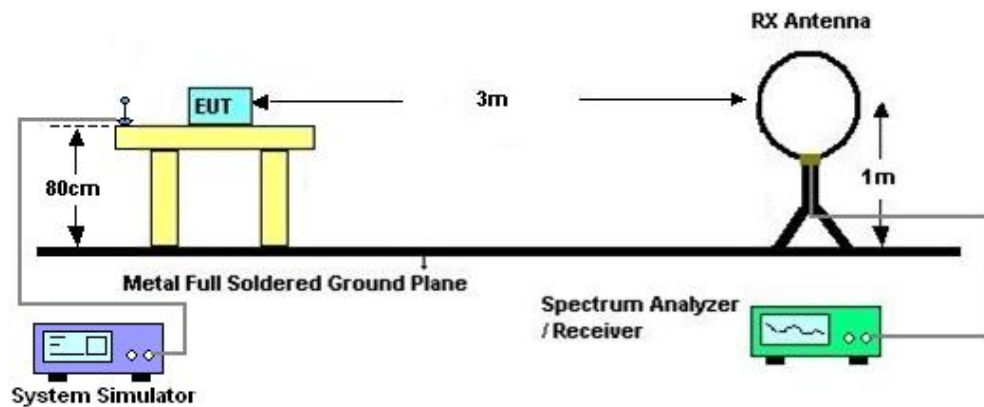
4 Radiated Test Items

4.1 Measuring Instruments

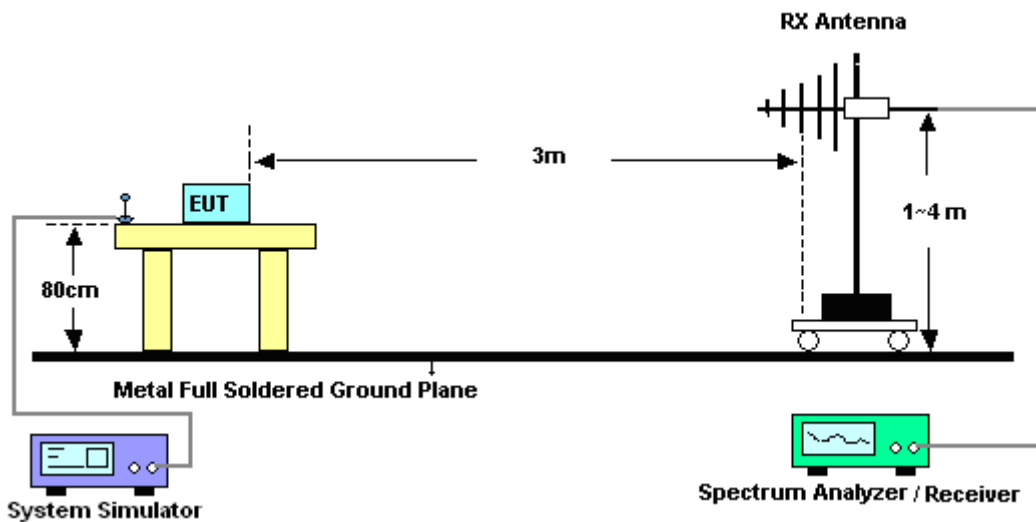
See list of measuring instruments of this test report.

4.2 Test Setup

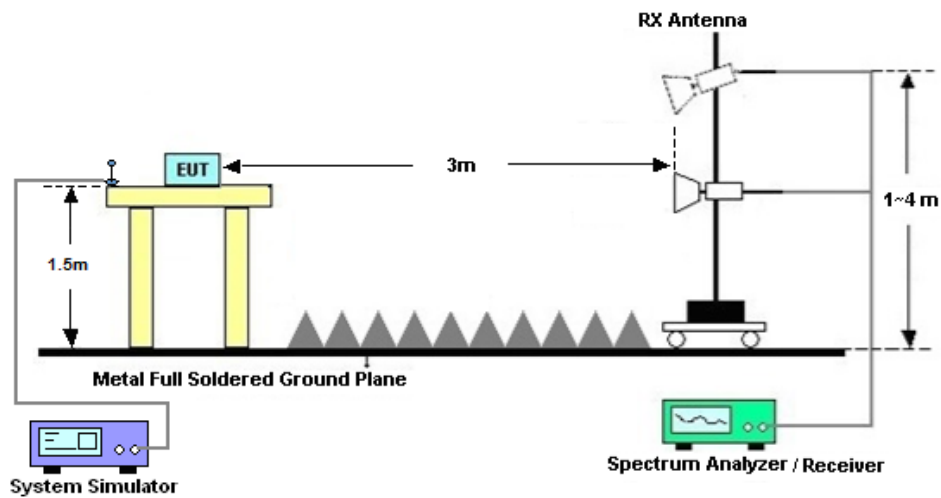
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.



4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7

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.

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
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 7:

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	Dec. 29, 2025~Jan. 12, 2026	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 13, 2025	Dec. 29, 2025~Jan. 12, 2026	Oct. 12, 2026	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 07, 2025	Dec. 29, 2025~Jan. 12, 2026	Nov. 06, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhonggroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Dec. 29, 2025~Jan. 12, 2026	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Dec. 29, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 25, 2025	Dec. 29, 2025	Dec. 24, 2026	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Dec. 23, 2025	Dec. 29, 2025	Dec. 22, 2027	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Dec. 29, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Dec. 29, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 03, 2025	Dec. 29, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz~3GHz	Dec. 25, 2025	Dec. 29, 2025	Dec. 24, 2026	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 13, 2025	Dec. 29, 2025	Oct. 12, 2026	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 13, 2025	Dec. 29, 2025	Oct. 12, 2026	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Dec. 29, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Dec. 29, 2025	NCR	Radiation (03CH02-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% ($U = 2Uc(y)$)	2.47 dB
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Uncertainty of Radiated Emission Measurement (1GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.72 dB
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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	24.28	24.34	24.31	0.3170	0.3214	0.3192
20	QPSK	1	49	24.26	24.29	24.25	0.3155	0.3177	0.3148
20	QPSK	1	99	24.17	24.32	24.25	0.3090	0.3199	0.3148
20	QPSK	50	0	23.24	23.35	23.27	0.2495	0.2559	0.2512
20	QPSK	50	24	23.22	23.34	23.26	0.2483	0.2553	0.2506
20	QPSK	50	50	23.19	23.27	23.25	0.2466	0.2512	0.2500
20	QPSK	100	0	23.22	23.30	23.24	0.2483	0.2529	0.2495
20	16QAM	1	0	23.46	23.54	23.45	0.2624	0.2673	0.2618
20	16QAM	1	49	23.49	23.55	23.44	0.2642	0.2679	0.2612
20	16QAM	1	99	23.36	23.42	23.43	0.2564	0.2600	0.2606
20	16QAM	50	0	22.27	22.36	22.24	0.1995	0.2037	0.1982
20	16QAM	50	24	22.23	22.35	22.27	0.1977	0.2032	0.1995
20	16QAM	50	50	22.22	22.29	22.25	0.1972	0.2004	0.1986
20	16QAM	100	0	22.22	22.33	22.24	0.1972	0.2023	0.1982
20	64QAM	1	0	22.48	22.46	22.40	0.2094	0.2084	0.2056
20	64QAM	1	49	22.44	22.49	22.42	0.2075	0.2099	0.2065
20	64QAM	1	99	22.33	22.36	22.37	0.2023	0.2037	0.2042
20	64QAM	50	0	21.28	21.37	21.27	0.1589	0.1622	0.1585
20	64QAM	50	24	21.26	21.35	21.29	0.1581	0.1614	0.1592
20	64QAM	50	50	21.22	21.33	21.27	0.1567	0.1607	0.1585
20	64QAM	100	0	21.24	21.36	21.27	0.1574	0.1618	0.1585
20	256QAM	1	0	19.17	19.28	19.16	0.0977	0.1002	0.0975
20	256QAM	1	49	19.17	19.32	19.18	0.0977	0.1012	0.0979
20	256QAM	1	99	19.22	19.30	19.21	0.0989	0.1007	0.0986
20	256QAM	50	0	19.24	19.25	19.26	0.0993	0.0995	0.0998
20	256QAM	50	24	19.18	19.23	19.23	0.0979	0.0991	0.0991
20	256QAM	50	50	19.26	19.28	19.24	0.0998	0.1002	0.0993
20	256QAM	100	0	19.15	19.30	19.17	0.0973	0.1007	0.0977
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	24.23	24.21	24.30	0.3133	0.3119	0.3184
15	QPSK	1	37	24.17	24.24	24.19	0.3090	0.3141	0.3105



15	QPSK	1	74	24.06	24.22	24.10	0.3013	0.3126	0.3041
15	QPSK	36	0	23.12	23.30	23.16	0.2427	0.2529	0.2449
15	QPSK	36	20	23.17	23.19	23.13	0.2455	0.2466	0.2432
15	QPSK	36	39	23.12	23.15	23.15	0.2427	0.2443	0.2443
15	QPSK	75	0	23.15	23.20	23.11	0.2443	0.2472	0.2421
15	16QAM	1	0	23.39	23.49	23.40	0.2582	0.2642	0.2588
15	16QAM	1	37	23.40	23.54	23.33	0.2588	0.2673	0.2547
15	16QAM	1	74	23.22	23.32	23.39	0.2483	0.2541	0.2582
15	16QAM	36	0	22.25	22.32	22.17	0.1986	0.2018	0.1950
15	16QAM	36	20	22.20	22.28	22.19	0.1963	0.2000	0.1959
15	16QAM	36	39	22.09	22.23	22.11	0.1914	0.1977	0.1923
15	16QAM	75	0	22.16	22.22	22.09	0.1945	0.1972	0.1914
15	64QAM	1	0	22.34	22.43	22.30	0.2028	0.2070	0.2009
15	64QAM	1	37	22.36	22.36	22.27	0.2037	0.2037	0.1995
15	64QAM	1	74	22.19	22.22	22.26	0.1959	0.1972	0.1991
15	64QAM	36	0	21.14	21.27	21.12	0.1538	0.1585	0.1531
15	64QAM	36	20	21.12	21.23	21.22	0.1531	0.1570	0.1567
15	64QAM	36	39	21.21	21.28	21.23	0.1563	0.1589	0.1570
15	64QAM	75	0	21.19	21.33	21.24	0.1556	0.1607	0.1574
15	256QAM	1	0	19.06	19.27	19.12	0.0953	0.1000	0.0966
15	256QAM	1	37	19.06	19.19	19.07	0.0953	0.0982	0.0955
15	256QAM	1	74	19.10	19.24	19.10	0.0962	0.0993	0.0962
15	256QAM	36	0	19.09	19.14	19.13	0.0959	0.0971	0.0968
15	256QAM	36	20	19.10	19.18	19.16	0.0962	0.0979	0.0975
15	256QAM	36	39	19.15	19.17	19.19	0.0973	0.0977	0.0982
15	256QAM	75	0	19.12	19.24	19.11	0.0966	0.0993	0.0964
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	24.18	24.33	24.19	0.3097	0.3206	0.3105
10	QPSK	1	25	24.15	24.27	24.19	0.3076	0.3162	0.3105
10	QPSK	1	49	24.10	24.31	24.23	0.3041	0.3192	0.3133
10	QPSK	25	0	23.22	23.27	23.25	0.2483	0.2512	0.2500
10	QPSK	25	12	23.14	23.27	23.14	0.2438	0.2512	0.2438
10	QPSK	25	25	23.04	23.26	23.20	0.2382	0.2506	0.2472
10	QPSK	50	0	23.11	23.26	23.14	0.2421	0.2506	0.2438
10	16QAM	1	0	23.35	23.45	23.41	0.2559	0.2618	0.2594
10	16QAM	1	25	23.39	23.48	23.30	0.2582	0.2636	0.2529
10	16QAM	1	49	23.22	23.28	23.40	0.2483	0.2518	0.2588
10	16QAM	25	0	22.22	22.27	22.12	0.1972	0.1995	0.1928
10	16QAM	25	12	22.22	22.26	22.21	0.1972	0.1991	0.1968
10	16QAM	25	25	22.18	22.27	22.17	0.1954	0.1995	0.1950
10	16QAM	50	0	22.12	22.28	22.16	0.1928	0.2000	0.1945
10	64QAM	1	0	22.43	22.41	22.32	0.2070	0.2061	0.2018
10	64QAM	1	25	22.29	22.43	22.40	0.2004	0.2070	0.2056
10	64QAM	1	49	22.24	22.26	22.36	0.1982	0.1991	0.2037
10	64QAM	25	0	21.18	21.36	21.20	0.1552	0.1618	0.1560
10	64QAM	25	12	21.12	21.21	21.23	0.1531	0.1563	0.1570



10	64QAM	25	25	21.16	21.25	21.20	0.1545	0.1578	0.1560
10	64QAM	50	0	21.14	21.23	21.17	0.1538	0.1570	0.1549
10	256QAM	1	0	19.06	19.23	19.13	0.0953	0.0991	0.0968
10	256QAM	1	25	19.09	19.28	19.15	0.0959	0.1002	0.0973
10	256QAM	1	49	19.17	19.15	19.11	0.0977	0.0973	0.0964
10	256QAM	25	0	19.22	19.12	19.15	0.0989	0.0966	0.0973
10	256QAM	25	12	19.09	19.12	19.10	0.0959	0.0966	0.0962
10	256QAM	25	25	19.12	19.24	19.19	0.0966	0.0993	0.0982
10	256QAM	50	0	19.03	19.26	19.14	0.0946	0.0998	0.0971
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	24.15	24.28	24.17	0.3076	0.3170	0.3090
5	QPSK	1	12	24.18	24.18	24.23	0.3097	0.3097	0.3133
5	QPSK	1	24	24.05	24.22	24.18	0.3006	0.3126	0.3097
5	QPSK	12	0	23.22	23.29	23.12	0.2483	0.2523	0.2427
5	QPSK	12	7	23.13	23.24	23.23	0.2432	0.2495	0.2489
5	QPSK	12	13	23.06	23.21	23.21	0.2393	0.2477	0.2477
5	QPSK	25	0	23.18	23.20	23.20	0.2460	0.2472	0.2472
5	16QAM	1	0	23.44	23.51	23.40	0.2612	0.2655	0.2588
5	16QAM	1	12	23.42	23.43	23.39	0.2600	0.2606	0.2582
5	16QAM	1	24	23.28	23.38	23.28	0.2518	0.2576	0.2518
5	16QAM	12	0	22.17	22.33	22.19	0.1950	0.2023	0.1959
5	16QAM	12	7	22.12	22.23	22.21	0.1928	0.1977	0.1968
5	16QAM	12	13	22.17	22.14	22.15	0.1950	0.1936	0.1941
5	16QAM	25	0	22.17	22.24	22.18	0.1950	0.1982	0.1954
5	64QAM	1	0	22.39	22.41	22.35	0.2051	0.2061	0.2032
5	64QAM	1	12	22.29	22.46	22.27	0.2004	0.2084	0.1995
5	64QAM	1	24	22.18	22.31	22.35	0.1954	0.2014	0.2032
5	64QAM	12	0	21.16	21.36	21.16	0.1545	0.1618	0.1545
5	64QAM	12	7	21.23	21.33	21.22	0.1570	0.1607	0.1567
5	64QAM	12	13	21.19	21.20	21.21	0.1556	0.1560	0.1563
5	64QAM	25	0	21.20	21.21	21.15	0.1560	0.1563	0.1542
5	256QAM	1	0	19.10	19.26	19.14	0.0962	0.0998	0.0971
5	256QAM	1	12	19.09	19.22	19.14	0.0959	0.0989	0.0971
5	256QAM	1	24	19.13	19.16	19.15	0.0968	0.0975	0.0973
5	256QAM	12	0	19.19	19.20	19.18	0.0982	0.0984	0.0979
5	256QAM	12	7	19.13	19.12	19.16	0.0968	0.0966	0.0975
5	256QAM	12	13	19.15	19.16	19.23	0.0973	0.0975	0.0991
5	256QAM	25	0	19.13	19.17	19.02	0.0968	0.0977	0.0944
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	24.14	24.32	24.16	0.3069	0.3199	0.3083
3	QPSK	1	8	24.11	24.28	24.15	0.3048	0.3170	0.3076
3	QPSK	1	14	24.03	24.23	24.18	0.2992	0.3133	0.3097
3	QPSK	8	0	23.21	23.25	23.19	0.2477	0.2500	0.2466
3	QPSK	8	4	23.20	23.30	23.24	0.2472	0.2529	0.2495
3	QPSK	8	7	23.14	23.21	23.14	0.2438	0.2477	0.2438



3	QPSK	15	0	23.13	23.28	23.10	0.2432	0.2518	0.2415
3	16QAM	1	0	23.39	23.46	23.38	0.2582	0.2624	0.2576
3	16QAM	1	8	23.38	23.53	23.43	0.2576	0.2667	0.2606
3	16QAM	1	14	23.28	23.32	23.38	0.2518	0.2541	0.2576
3	16QAM	8	0	22.23	22.35	22.16	0.1977	0.2032	0.1945
3	16QAM	8	4	22.12	22.31	22.18	0.1928	0.2014	0.1954
3	16QAM	8	7	22.13	22.23	22.17	0.1932	0.1977	0.1950
3	16QAM	15	0	22.16	22.29	22.16	0.1945	0.2004	0.1945
3	64QAM	1	0	22.46	22.33	22.37	0.2084	0.2023	0.2042
3	64QAM	1	8	22.35	22.40	22.38	0.2032	0.2056	0.2046
3	64QAM	1	14	22.18	22.33	22.36	0.1954	0.2023	0.2037
3	64QAM	8	0	21.15	21.29	21.23	0.1542	0.1592	0.1570
3	64QAM	8	4	21.13	21.23	21.19	0.1535	0.1570	0.1556
3	64QAM	8	7	21.11	21.29	21.18	0.1528	0.1592	0.1552
3	64QAM	15	0	21.11	21.23	21.12	0.1528	0.1570	0.1531
3	256QAM	1	0	19.16	19.23	19.14	0.0975	0.0991	0.0971
3	256QAM	1	8	19.03	19.27	19.05	0.0946	0.1000	0.0951
3	256QAM	1	14	19.21	19.26	19.18	0.0986	0.0998	0.0979
3	256QAM	8	0	19.11	19.22	19.24	0.0964	0.0989	0.0993
3	256QAM	8	4	19.06	19.09	19.21	0.0953	0.0959	0.0986
3	256QAM	8	7	19.18	19.23	19.17	0.0979	0.0991	0.0977
3	256QAM	15	0	19.03	19.19	19.04	0.0946	0.0982	0.0948
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	24.18	24.27	24.15	0.3097	0.3162	0.3076
1.4	QPSK	1	3	24.15	24.27	24.19	0.3076	0.3162	0.3105
1.4	QPSK	1	5	24.11	24.25	24.20	0.3048	0.3148	0.3112
1.4	QPSK	3	0	24.08	24.12	24.07	0.3027	0.3055	0.3020
1.4	QPSK	3	1	24.06	24.09	24.11	0.3013	0.3034	0.3048
1.4	QPSK	3	3	24.05	24.08	24.04	0.3006	0.3027	0.2999
1.4	QPSK	6	0	23.04	23.15	23.09	0.2382	0.2443	0.2410
1.4	16QAM	1	0	23.29	23.32	23.24	0.2523	0.2541	0.2495
1.4	16QAM	1	3	23.34	23.33	23.24	0.2553	0.2547	0.2495
1.4	16QAM	1	5	23.27	23.37	23.21	0.2512	0.2570	0.2477
1.4	16QAM	3	0	23.01	23.11	23.06	0.2366	0.2421	0.2393
1.4	16QAM	3	1	23.04	23.12	23.15	0.2382	0.2427	0.2443
1.4	16QAM	3	3	23.04	23.10	23.10	0.2382	0.2415	0.2415
1.4	16QAM	6	0	22.18	22.17	22.13	0.1954	0.1950	0.1932
1.4	64QAM	1	0	22.31	22.35	22.37	0.2014	0.2032	0.2042
1.4	64QAM	1	3	22.23	22.35	22.36	0.1977	0.2032	0.2037
1.4	64QAM	1	5	22.31	22.38	22.26	0.2014	0.2046	0.1991
1.4	64QAM	3	0	22.22	22.31	22.19	0.1972	0.2014	0.1959
1.4	64QAM	3	1	22.16	22.25	22.22	0.1945	0.1986	0.1972
1.4	64QAM	3	3	22.20	22.26	22.24	0.1963	0.1991	0.1982
1.4	64QAM	6	0	21.09	21.12	21.07	0.1521	0.1531	0.1514
1.4	256QAM	1	0	19.15	19.27	19.12	0.0973	0.1000	0.0966
1.4	256QAM	1	3	19.09	19.22	19.08	0.0959	0.0989	0.0957



1.4	256QAM	1	5	19.18	19.22	19.07	0.0979	0.0989	0.0955
1.4	256QAM	3	0	19.11	19.16	19.22	0.0964	0.0975	0.0989
1.4	256QAM	3	1	19.15	19.21	19.14	0.0973	0.0986	0.0971
1.4	256QAM	3	3	19.12	19.22	19.22	0.0966	0.0989	0.0989
1.4	256QAM	6	0	19.03	19.19	19.14	0.0946	0.0982	0.0971

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	24.23	24.31	24.27	0.3741	0.3811	0.3776
20	QPSK	1	49	24.13	24.30	24.25	0.3656	0.3802	0.3758
20	QPSK	1	99	24.15	24.19	24.19	0.3673	0.3707	0.3707
20	QPSK	50	0	23.16	23.28	23.25	0.2924	0.3006	0.2985
20	QPSK	50	24	23.13	23.25	23.19	0.2904	0.2985	0.2944
20	QPSK	50	50	23.12	23.21	23.21	0.2897	0.2958	0.2958
20	QPSK	100	0	23.16	23.26	23.23	0.2924	0.2992	0.2972
20	16QAM	1	0	23.45	23.53	23.46	0.3126	0.3184	0.3133
20	16QAM	1	49	23.32	23.47	23.43	0.3034	0.3141	0.3112
20	16QAM	1	99	23.37	23.40	23.42	0.3069	0.3090	0.3105
20	16QAM	50	0	22.17	22.30	22.23	0.2328	0.2399	0.2360
20	16QAM	50	24	22.16	22.27	22.26	0.2323	0.2382	0.2377
20	16QAM	50	50	22.16	22.22	22.22	0.2323	0.2355	0.2355
20	16QAM	100	0	22.17	22.26	22.23	0.2328	0.2377	0.2360
20	64QAM	1	0	22.38	22.45	22.28	0.2443	0.2483	0.2388
20	64QAM	1	49	22.26	22.50	22.37	0.2377	0.2512	0.2438
20	64QAM	1	99	22.29	22.34	22.25	0.2393	0.2421	0.2371
20	64QAM	50	0	21.21	21.31	21.25	0.1866	0.1910	0.1884
20	64QAM	50	24	21.18	21.30	21.30	0.1854	0.1905	0.1905
20	64QAM	50	50	21.17	21.23	21.24	0.1849	0.1875	0.1879
20	64QAM	100	0	21.20	21.29	21.26	0.1862	0.1901	0.1888
20	256QAM	1	0	19.20	19.19	19.15	0.1175	0.1172	0.1161
20	256QAM	1	49	19.21	19.17	19.21	0.1178	0.1167	0.1178
20	256QAM	1	99	19.12	19.19	19.19	0.1153	0.1172	0.1172
20	256QAM	50	0	19.09	19.22	19.12	0.1146	0.1180	0.1153
20	256QAM	50	24	19.19	19.18	19.14	0.1172	0.1169	0.1159
20	256QAM	50	50	19.15	19.25	19.17	0.1161	0.1189	0.1167
20	256QAM	100	0	19.19	19.21	19.14	0.1172	0.1178	0.1159
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	24.21	24.30	24.13	0.3724	0.3802	0.3656
15	QPSK	1	37	24.03	24.25	24.24	0.3573	0.3758	0.3750
15	QPSK	1	74	24.12	24.07	24.13	0.3648	0.3606	0.3656
15	QPSK	36	0	23.06	23.20	23.20	0.2858	0.2951	0.2951



15	QPSK	36	20	23.07	23.24	23.14	0.2864	0.2979	0.2911
15	QPSK	36	39	23.00	23.19	23.18	0.2818	0.2944	0.2938
15	QPSK	75	0	23.11	23.17	23.16	0.2891	0.2931	0.2924
15	16QAM	1	0	23.30	23.47	23.35	0.3020	0.3141	0.3055
15	16QAM	1	37	23.31	23.41	23.29	0.3027	0.3097	0.3013
15	16QAM	1	74	23.28	23.32	23.35	0.3006	0.3034	0.3055
15	16QAM	36	0	22.11	22.17	22.14	0.2296	0.2328	0.2312
15	16QAM	36	20	22.06	22.18	22.25	0.2270	0.2333	0.2371
15	16QAM	36	39	22.05	22.18	22.09	0.2265	0.2333	0.2286
15	16QAM	75	0	22.05	22.19	22.19	0.2265	0.2339	0.2339
15	64QAM	1	0	22.31	22.43	22.21	0.2404	0.2472	0.2350
15	64QAM	1	37	22.21	22.40	22.22	0.2350	0.2455	0.2355
15	64QAM	1	74	22.20	22.21	22.11	0.2344	0.2350	0.2296
15	64QAM	36	0	21.17	21.17	21.17	0.1849	0.1849	0.1849
15	64QAM	36	20	21.11	21.25	21.21	0.1824	0.1884	0.1866
15	64QAM	36	39	21.12	21.14	21.19	0.1828	0.1837	0.1858
15	64QAM	75	0	21.05	21.23	21.13	0.1799	0.1875	0.1832
15	256QAM	1	0	19.08	19.04	19.08	0.1143	0.1132	0.1143
15	256QAM	1	37	19.10	19.07	19.15	0.1148	0.1140	0.1161
15	256QAM	1	74	19.00	19.13	19.05	0.1122	0.1156	0.1135
15	256QAM	36	0	18.98	19.13	18.98	0.1117	0.1156	0.1117
15	256QAM	36	20	19.06	19.13	18.99	0.1138	0.1156	0.1119
15	256QAM	36	39	19.05	19.18	19.16	0.1135	0.1169	0.1164
15	256QAM	75	0	19.13	19.17	19.11	0.1156	0.1167	0.1151
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	24.20	24.21	24.23	0.3715	0.3724	0.3741
10	QPSK	1	25	23.98	24.17	24.13	0.3532	0.3690	0.3656
10	QPSK	1	49	24.09	24.11	24.18	0.3622	0.3639	0.3698
10	QPSK	25	0	23.08	23.14	23.15	0.2871	0.2911	0.2917
10	QPSK	25	12	23.06	23.18	23.10	0.2858	0.2938	0.2884
10	QPSK	25	25	23.09	23.06	23.11	0.2877	0.2858	0.2891
10	QPSK	50	0	23.02	23.21	23.17	0.2831	0.2958	0.2931
10	16QAM	1	0	23.33	23.44	23.38	0.3041	0.3119	0.3076
10	16QAM	1	25	23.20	23.39	23.29	0.2951	0.3083	0.3013
10	16QAM	1	49	23.27	23.28	23.31	0.2999	0.3006	0.3027
10	16QAM	25	0	22.10	22.26	22.13	0.2291	0.2377	0.2307
10	16QAM	25	12	22.09	22.19	22.15	0.2286	0.2339	0.2317
10	16QAM	25	25	22.15	22.21	22.07	0.2317	0.2350	0.2275
10	16QAM	50	0	22.14	22.17	22.16	0.2312	0.2328	0.2323
10	64QAM	1	0	22.33	22.32	22.17	0.2415	0.2410	0.2328
10	64QAM	1	25	22.15	22.40	22.27	0.2317	0.2455	0.2382
10	64QAM	1	49	22.21	22.21	22.15	0.2350	0.2350	0.2317
10	64QAM	25	0	21.12	21.25	21.24	0.1828	0.1884	0.1879
10	64QAM	25	12	21.16	21.27	21.24	0.1845	0.1892	0.1879
10	64QAM	25	25	21.05	21.11	21.10	0.1799	0.1824	0.1820
10	64QAM	50	0	21.08	21.17	21.16	0.1811	0.1849	0.1845



10	256QAM	1	0	19.18	19.13	19.05	0.1169	0.1156	0.1135
10	256QAM	1	25	19.06	19.05	19.15	0.1138	0.1135	0.1161
10	256QAM	1	49	18.97	19.14	19.18	0.1114	0.1159	0.1169
10	256QAM	25	0	19.08	19.07	19.00	0.1143	0.1140	0.1122
10	256QAM	25	12	19.09	19.05	19.02	0.1146	0.1135	0.1127
10	256QAM	25	25	19.14	19.22	19.03	0.1159	0.1180	0.1130
10	256QAM	50	0	19.13	19.09	19.02	0.1156	0.1146	0.1127
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	24.18	24.27	24.23	0.3698	0.3776	0.3741
5	QPSK	1	12	24.09	24.20	24.20	0.3622	0.3715	0.3715
5	QPSK	1	24	24.05	24.14	24.09	0.3589	0.3664	0.3622
5	QPSK	12	0	23.08	23.20	23.13	0.2871	0.2951	0.2904
5	QPSK	12	7	23.01	23.11	23.05	0.2825	0.2891	0.2851
5	QPSK	12	13	23.03	23.17	23.14	0.2838	0.2931	0.2911
5	QPSK	25	0	23.02	23.15	23.17	0.2831	0.2917	0.2931
5	16QAM	1	0	23.44	23.39	23.34	0.3119	0.3083	0.3048
5	16QAM	1	12	23.19	23.45	23.28	0.2944	0.3126	0.3006
5	16QAM	1	24	23.35	23.26	23.32	0.3055	0.2992	0.3034
5	16QAM	12	0	22.07	22.18	22.21	0.2275	0.2333	0.2350
5	16QAM	12	7	22.12	22.16	22.15	0.2301	0.2323	0.2317
5	16QAM	12	13	22.06	22.17	22.15	0.2270	0.2328	0.2317
5	16QAM	25	0	22.12	22.15	22.16	0.2301	0.2317	0.2323
5	64QAM	1	0	22.29	22.35	22.15	0.2393	0.2427	0.2317
5	64QAM	1	12	22.13	22.41	22.26	0.2307	0.2460	0.2377
5	64QAM	1	24	22.20	22.21	22.24	0.2344	0.2350	0.2366
5	64QAM	12	0	21.12	21.26	21.23	0.1828	0.1888	0.1875
5	64QAM	12	7	21.06	21.25	21.15	0.1803	0.1884	0.1841
5	64QAM	12	13	21.05	21.09	21.12	0.1799	0.1816	0.1828
5	64QAM	25	0	21.12	21.24	21.14	0.1828	0.1879	0.1837
5	256QAM	1	0	19.10	19.16	19.06	0.1148	0.1164	0.1138
5	256QAM	1	12	19.09	19.07	19.14	0.1146	0.1140	0.1159
5	256QAM	1	24	19.00	19.04	19.08	0.1122	0.1132	0.1143
5	256QAM	12	0	19.01	19.19	18.98	0.1125	0.1172	0.1117
5	256QAM	12	7	19.16	19.17	19.09	0.1164	0.1167	0.1146
5	256QAM	12	13	19.08	19.21	19.13	0.1143	0.1178	0.1156
5	256QAM	25	0	19.14	19.08	19.04	0.1159	0.1143	0.1132
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	24.11	24.30	24.19	0.3639	0.3802	0.3707
3	QPSK	1	8	24.07	24.20	24.24	0.3606	0.3715	0.3750
3	QPSK	1	14	24.14	24.07	24.07	0.3664	0.3606	0.3606
3	QPSK	8	0	23.06	23.23	23.16	0.2858	0.2972	0.2924
3	QPSK	8	4	23.00	23.12	23.12	0.2818	0.2897	0.2897
3	QPSK	8	7	23.06	23.16	23.06	0.2858	0.2924	0.2858
3	QPSK	15	0	23.07	23.23	23.11	0.2864	0.2972	0.2891
3	16QAM	1	0	23.38	23.49	23.42	0.3076	0.3155	0.3105



3	16QAM	1	8	23.30	23.35	23.33	0.3020	0.3055	0.3041
3	16QAM	1	14	23.22	23.25	23.33	0.2965	0.2985	0.3041
3	16QAM	8	0	22.04	22.26	22.10	0.2259	0.2377	0.2291
3	16QAM	8	4	22.11	22.24	22.22	0.2296	0.2366	0.2355
3	16QAM	8	7	22.15	22.08	22.21	0.2317	0.2280	0.2350
3	16QAM	15	0	22.13	22.14	22.15	0.2307	0.2312	0.2317
3	64QAM	1	0	22.29	22.32	22.15	0.2393	0.2410	0.2317
3	64QAM	1	8	22.15	22.35	22.33	0.2317	0.2427	0.2415
3	64QAM	1	14	22.21	22.26	22.24	0.2350	0.2377	0.2366
3	64QAM	8	0	21.14	21.21	21.18	0.1837	0.1866	0.1854
3	64QAM	8	4	21.14	21.24	21.15	0.1837	0.1879	0.1841
3	64QAM	8	7	21.10	21.21	21.10	0.1820	0.1866	0.1820
3	64QAM	15	0	21.18	21.19	21.15	0.1854	0.1858	0.1841
3	256QAM	1	0	19.15	19.11	19.10	0.1161	0.1151	0.1148
3	256QAM	1	8	19.10	19.05	19.11	0.1148	0.1135	0.1151
3	256QAM	1	14	19.02	19.17	19.08	0.1127	0.1167	0.1143
3	256QAM	8	0	19.08	19.07	19.08	0.1143	0.1140	0.1143
3	256QAM	8	4	19.06	19.15	19.02	0.1138	0.1161	0.1127
3	256QAM	8	7	19.05	19.22	19.15	0.1135	0.1180	0.1161
3	256QAM	15	0	19.14	19.15	19.02	0.1159	0.1161	0.1127
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	24.15	24.18	24.18	0.3673	0.3698	0.3698
1.4	QPSK	1	3	24.04	24.16	24.18	0.3581	0.3681	0.3698
1.4	QPSK	1	5	24.15	24.21	24.16	0.3673	0.3724	0.3681
1.4	QPSK	3	0	24.07	24.13	24.06	0.3606	0.3656	0.3597
1.4	QPSK	3	1	24.02	24.11	24.06	0.3565	0.3639	0.3597
1.4	QPSK	3	3	24.06	24.14	24.07	0.3597	0.3664	0.3606
1.4	QPSK	6	0	23.05	23.13	23.09	0.2851	0.2904	0.2877
1.4	16QAM	1	0	23.29	23.31	23.25	0.3013	0.3027	0.2985
1.4	16QAM	1	3	23.23	23.33	23.29	0.2972	0.3041	0.3013
1.4	16QAM	1	5	23.29	23.35	23.29	0.3013	0.3055	0.3013
1.4	16QAM	3	0	23.04	23.12	23.06	0.2844	0.2897	0.2858
1.4	16QAM	3	1	23.05	23.11	23.06	0.2851	0.2891	0.2858
1.4	16QAM	3	3	23.07	23.12	23.06	0.2864	0.2897	0.2858
1.4	16QAM	6	0	22.15	22.20	22.17	0.2317	0.2344	0.2328
1.4	64QAM	1	0	22.30	22.36	22.36	0.2399	0.2432	0.2432
1.4	64QAM	1	3	22.27	22.36	22.30	0.2382	0.2432	0.2399
1.4	64QAM	1	5	22.31	22.35	22.31	0.2404	0.2427	0.2404
1.4	64QAM	3	0	22.24	22.28	22.23	0.2366	0.2388	0.2360
1.4	64QAM	3	1	22.15	22.27	22.23	0.2317	0.2382	0.2360
1.4	64QAM	3	3	22.16	22.26	22.21	0.2323	0.2377	0.2350
1.4	64QAM	6	0	21.04	21.10	21.09	0.1795	0.1820	0.1816
1.4	256QAM	1	0	19.00	18.98	19.02	0.1122	0.1117	0.1127
1.4	256QAM	1	3	18.95	18.97	18.97	0.1109	0.1114	0.1114
1.4	256QAM	1	5	18.95	19.04	19.05	0.1109	0.1132	0.1135
1.4	256QAM	3	0	19.06	18.94	19.00	0.1138	0.1107	0.1122



1.4	256QAM	3	1	18.94	19.07	18.99	0.1107	0.1140	0.1119
1.4	256QAM	3	3	18.97	19.11	19.08	0.1114	0.1151	0.1143
1.4	256QAM	6	0	19.10	19.14	18.96	0.1148	0.1159	0.1112

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	23.79	23.82	23.46	0.1321	0.1330	0.1225
10	QPSK	1	25	23.68	23.70	23.33	0.1288	0.1294	0.1189
10	QPSK	1	49	23.77	23.52	23.26	0.1315	0.1242	0.1169
10	QPSK	25	0	22.77	22.79	22.76	0.1045	0.1050	0.1042
10	QPSK	25	12	22.72	22.73	22.74	0.1033	0.1035	0.1038
10	QPSK	25	25	22.71	22.70	22.73	0.1030	0.1028	0.1035
10	QPSK	50	0	22.71	22.73	22.69	0.1030	0.1035	0.1026
10	16QAM	1	0	22.92	23.04	23.00	0.1081	0.1112	0.1102
10	16QAM	1	25	23.00	22.94	22.96	0.1102	0.1086	0.1091
10	16QAM	1	49	23.03	22.94	22.87	0.1109	0.1086	0.1069
10	16QAM	25	0	21.76	21.76	21.75	0.0828	0.0828	0.0826
10	16QAM	25	12	21.76	21.74	21.73	0.0828	0.0824	0.0822
10	16QAM	25	25	21.79	21.70	21.71	0.0834	0.0817	0.0818
10	16QAM	50	0	21.76	21.73	21.71	0.0828	0.0822	0.0818
10	64QAM	1	0	21.93	21.91	21.93	0.0861	0.0857	0.0861
10	64QAM	1	25	21.92	21.87	21.83	0.0859	0.0849	0.0841
10	64QAM	1	49	21.88	21.83	21.88	0.0851	0.0841	0.0851
10	64QAM	25	0	20.75	20.75	20.76	0.0656	0.0656	0.0658
10	64QAM	25	12	20.78	20.73	20.74	0.0661	0.0653	0.0655
10	64QAM	25	25	20.78	20.69	20.73	0.0661	0.0647	0.0653
10	64QAM	50	0	20.78	20.70	20.69	0.0661	0.0649	0.0647
10	256QAM	1	0	18.65	18.69	18.32	0.0405	0.0408	0.0375
10	256QAM	1	25	18.70	18.73	18.37	0.0409	0.0412	0.0379
10	256QAM	1	49	18.72	18.78	18.36	0.0411	0.0417	0.0378
10	256QAM	25	0	18.66	18.77	18.40	0.0406	0.0416	0.0382
10	256QAM	25	12	18.66	18.77	18.40	0.0406	0.0416	0.0382
10	256QAM	25	25	18.72	18.70	18.42	0.0411	0.0409	0.0384
10	256QAM	50	0	18.67	18.77	18.40	0.0406	0.0416	0.0382
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	23.78	23.79	23.36	0.1318	0.1321	0.1197
5	QPSK	1	12	23.55	23.67	23.28	0.1250	0.1285	0.1175
5	QPSK	1	24	23.69	23.38	23.22	0.1291	0.1202	0.1159
5	QPSK	12	0	22.69	22.68	22.62	0.1026	0.1023	0.1009
5	QPSK	12	7	22.71	22.66	22.69	0.1030	0.1019	0.1026
5	QPSK	12	13	22.66	22.55	22.65	0.1019	0.0993	0.1016



5	QPSK	25	0	22.62	22.68	22.63	0.1009	0.1023	0.1012
5	16QAM	1	0	22.87	22.97	22.90	0.1069	0.1094	0.1076
5	16QAM	1	12	22.93	22.93	22.90	0.1084	0.1084	0.1076
5	16QAM	1	24	22.91	22.79	22.86	0.1079	0.1050	0.1067
5	16QAM	12	0	21.67	21.73	21.62	0.0811	0.0822	0.0802
5	16QAM	12	7	21.63	21.59	21.58	0.0804	0.0796	0.0794
5	16QAM	12	13	21.68	21.63	21.56	0.0813	0.0804	0.0791
5	16QAM	25	0	21.61	21.70	21.67	0.0800	0.0817	0.0811
5	64QAM	1	0	21.88	21.84	21.78	0.0851	0.0843	0.0832
5	64QAM	1	12	21.90	21.74	21.77	0.0855	0.0824	0.0830
5	64QAM	1	24	21.79	21.69	21.75	0.0834	0.0815	0.0826
5	64QAM	12	0	20.66	20.66	20.65	0.0643	0.0643	0.0641
5	64QAM	12	7	20.75	20.68	20.63	0.0656	0.0646	0.0638
5	64QAM	12	13	20.76	20.62	20.61	0.0658	0.0637	0.0635
5	64QAM	25	0	20.71	20.62	20.68	0.0650	0.0637	0.0646
5	256QAM	1	0	18.55	18.64	18.20	0.0395	0.0404	0.0365
5	256QAM	1	12	18.60	18.65	18.33	0.0400	0.0405	0.0376
5	256QAM	1	24	18.67	18.72	18.24	0.0406	0.0411	0.0368
5	256QAM	12	0	18.58	18.74	18.31	0.0398	0.0413	0.0374
5	256QAM	12	7	18.64	18.65	18.38	0.0404	0.0405	0.0380
5	256QAM	12	13	18.67	18.60	18.34	0.0406	0.0400	0.0377
5	256QAM	25	0	18.61	18.62	18.33	0.0401	0.0402	0.0376
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	23.75	23.78	23.37	0.1309	0.1318	0.1199
3	QPSK	1	8	23.65	23.63	23.26	0.1279	0.1274	0.1169
3	QPSK	1	14	23.68	23.38	23.17	0.1288	0.1202	0.1146
3	QPSK	8	0	22.62	22.71	22.67	0.1009	0.1030	0.1021
3	QPSK	8	4	22.68	22.68	22.71	0.1023	0.1023	0.1030
3	QPSK	8	7	22.69	22.66	22.68	0.1026	0.1019	0.1023
3	QPSK	15	0	22.58	22.60	22.61	0.1000	0.1005	0.1007
3	16QAM	1	0	22.91	22.95	22.92	0.1079	0.1089	0.1081
3	16QAM	1	8	22.99	22.88	22.82	0.1099	0.1072	0.1057
3	16QAM	1	14	22.89	22.90	22.79	0.1074	0.1076	0.1050
3	16QAM	8	0	21.61	21.61	21.70	0.0800	0.0800	0.0817
3	16QAM	8	4	21.75	21.60	21.67	0.0826	0.0798	0.0811
3	16QAM	8	7	21.67	21.63	21.59	0.0811	0.0804	0.0796
3	16QAM	15	0	21.61	21.71	21.65	0.0800	0.0818	0.0807
3	64QAM	1	0	21.79	21.76	21.87	0.0834	0.0828	0.0849
3	64QAM	1	8	21.86	21.85	21.69	0.0847	0.0845	0.0815
3	64QAM	1	14	21.79	21.76	21.75	0.0834	0.0828	0.0826
3	64QAM	8	0	20.65	20.64	20.72	0.0641	0.0640	0.0652
3	64QAM	8	4	20.65	20.60	20.71	0.0641	0.0634	0.0650
3	64QAM	8	7	20.77	20.68	20.65	0.0659	0.0646	0.0641
3	64QAM	15	0	20.70	20.68	20.60	0.0649	0.0646	0.0634
3	256QAM	1	0	18.58	18.67	18.31	0.0398	0.0406	0.0374
3	256QAM	1	8	18.64	18.60	18.27	0.0404	0.0400	0.0371



3	256QAM	1	14	18.69	18.65	18.32	0.0408	0.0405	0.0375
3	256QAM	8	0	18.56	18.69	18.33	0.0396	0.0408	0.0376
3	256QAM	8	4	18.57	18.74	18.31	0.0397	0.0413	0.0374
3	256QAM	8	7	18.59	18.55	18.36	0.0399	0.0395	0.0378
3	256QAM	15	0	18.61	18.68	18.32	0.0401	0.0407	0.0375
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	23.21	23.73	23.34	0.1156	0.1303	0.1191
1.4	QPSK	1	3	23.07	23.72	23.16	0.1119	0.1300	0.1143
1.4	QPSK	1	5	23.08	23.68	23.07	0.1122	0.1288	0.1119
1.4	QPSK	3	0	23.22	23.64	23.08	0.1159	0.1276	0.1122
1.4	QPSK	3	1	23.15	23.61	23.01	0.1140	0.1268	0.1104
1.4	QPSK	3	3	23.21	23.59	23.00	0.1156	0.1262	0.1102
1.4	QPSK	6	0	22.72	22.66	22.62	0.1033	0.1019	0.1009
1.4	16QAM	1	0	23.02	22.89	22.82	0.1107	0.1074	0.1057
1.4	16QAM	1	3	22.95	22.86	22.89	0.1089	0.1067	0.1074
1.4	16QAM	1	5	22.92	22.85	22.88	0.1081	0.1064	0.1072
1.4	16QAM	3	0	22.69	22.58	22.57	0.1026	0.1000	0.0998
1.4	16QAM	3	1	22.72	22.63	22.64	0.1033	0.1012	0.1014
1.4	16QAM	3	3	22.68	22.59	22.59	0.1023	0.1002	0.1002
1.4	16QAM	6	0	21.75	21.68	21.69	0.0826	0.0813	0.0815
1.4	64QAM	1	0	21.97	21.82	21.80	0.0869	0.0839	0.0836
1.4	64QAM	1	3	21.84	21.91	21.78	0.0843	0.0857	0.0832
1.4	64QAM	1	5	21.92	21.84	21.81	0.0859	0.0843	0.0838
1.4	64QAM	3	0	21.87	21.82	21.81	0.0849	0.0839	0.0838
1.4	64QAM	3	1	21.83	21.84	21.77	0.0841	0.0843	0.0830
1.4	64QAM	3	3	21.88	21.83	21.77	0.0851	0.0841	0.0830
1.4	64QAM	6	0	20.70	20.66	20.61	0.0649	0.0643	0.0635
1.4	256QAM	1	0	18.51	18.58	18.24	0.0392	0.0398	0.0368
1.4	256QAM	1	3	18.55	18.47	18.19	0.0395	0.0388	0.0364
1.4	256QAM	1	5	18.66	18.61	18.28	0.0406	0.0401	0.0372
1.4	256QAM	3	0	18.50	18.63	18.25	0.0391	0.0403	0.0369
1.4	256QAM	3	1	18.43	18.63	18.17	0.0385	0.0403	0.0362
1.4	256QAM	3	3	18.56	18.41	18.32	0.0396	0.0383	0.0375
1.4	256QAM	6	0	18.54	18.55	18.18	0.0394	0.0395	0.0363

LTE Band 7_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	23.28	23.31	23.21	0.1169	0.1178	0.1151
20	QPSK	1	49	23.18	23.22	23.14	0.1143	0.1153	0.1132
20	QPSK	1	99	23.24	23.25	23.19	0.1159	0.1161	0.1146
20	QPSK	50	0	22.23	22.30	22.18	0.0918	0.0933	0.0908



20	QPSK	50	24	22.21	22.28	22.16	0.0914	0.0929	0.0904
20	QPSK	50	50	22.19	22.24	22.15	0.0910	0.0920	0.0902
20	QPSK	100	0	22.22	22.24	22.15	0.0916	0.0920	0.0902
20	16QAM	1	0	22.31	22.31	22.21	0.0935	0.0935	0.0914
20	16QAM	1	49	22.39	22.48	22.35	0.0953	0.0973	0.0944
20	16QAM	1	99	22.26	22.47	22.32	0.0925	0.0971	0.0938
20	16QAM	50	0	21.15	21.20	21.12	0.0716	0.0724	0.0711
20	16QAM	50	24	21.17	21.24	21.16	0.0719	0.0731	0.0718
20	16QAM	50	50	21.17	21.30	21.17	0.0719	0.0741	0.0719
20	16QAM	100	0	21.14	21.19	21.18	0.0714	0.0723	0.0721
20	64QAM	1	0	21.21	21.32	21.22	0.0726	0.0745	0.0728
20	64QAM	1	49	21.35	21.43	21.24	0.0750	0.0764	0.0731
20	64QAM	1	99	21.30	21.38	21.25	0.0741	0.0755	0.0733
20	64QAM	50	0	20.16	20.22	20.16	0.0570	0.0578	0.0570
20	64QAM	50	24	20.22	20.29	20.19	0.0578	0.0587	0.0574
20	64QAM	50	50	20.22	20.28	20.13	0.0578	0.0586	0.0566
20	64QAM	100	0	20.18	20.22	20.17	0.0573	0.0578	0.0571
20	256QAM	1	0	18.25	18.29	18.06	0.0367	0.0371	0.0352
20	256QAM	1	49	18.19	18.18	18.07	0.0362	0.0361	0.0352
20	256QAM	1	99	18.21	18.18	18.13	0.0364	0.0361	0.0357
20	256QAM	50	0	18.24	18.18	18.06	0.0366	0.0361	0.0352
20	256QAM	50	24	18.14	18.27	18.18	0.0358	0.0369	0.0361
20	256QAM	50	50	18.25	18.22	18.12	0.0367	0.0365	0.0356
20	256QAM	100	0	18.22	18.24	18.06	0.0365	0.0366	0.0352
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	23.14	23.20	23.13	0.1132	0.1148	0.1130
15	QPSK	1	37	23.16	23.14	23.08	0.1138	0.1132	0.1117
15	QPSK	1	74	23.22	23.11	23.04	0.1153	0.1125	0.1107
15	QPSK	36	0	22.19	22.22	22.11	0.0910	0.0916	0.0893
15	QPSK	36	20	22.19	22.22	22.08	0.0910	0.0916	0.0887
15	QPSK	36	39	22.06	22.09	22.09	0.0883	0.0889	0.0889
15	QPSK	75	0	22.11	22.13	22.10	0.0893	0.0897	0.0891
15	16QAM	1	0	22.23	22.17	22.18	0.0918	0.0906	0.0908
15	16QAM	1	37	22.32	22.47	22.25	0.0938	0.0971	0.0923
15	16QAM	1	74	22.17	22.35	22.31	0.0906	0.0944	0.0935
15	16QAM	36	0	21.07	21.10	20.98	0.0703	0.0708	0.0689
15	16QAM	36	20	21.13	21.19	21.04	0.0713	0.0723	0.0698
15	16QAM	36	39	21.13	21.22	21.11	0.0713	0.0728	0.0710
15	16QAM	75	0	20.99	21.09	21.17	0.0690	0.0706	0.0719
15	64QAM	1	0	21.20	21.20	21.18	0.0724	0.0724	0.0721
15	64QAM	1	37	21.33	21.41	21.14	0.0746	0.0760	0.0714
15	64QAM	1	74	21.18	21.25	21.24	0.0721	0.0733	0.0731
15	64QAM	36	0	20.06	20.10	20.13	0.0557	0.0562	0.0566
15	64QAM	36	20	20.09	20.22	20.13	0.0561	0.0578	0.0566
15	64QAM	36	39	20.09	20.19	20.07	0.0561	0.0574	0.0558
15	64QAM	75	0	20.09	20.20	20.03	0.0561	0.0575	0.0553



15	256QAM	1	0	18.21	18.23	17.99	0.0364	0.0366	0.0346
15	256QAM	1	37	18.10	18.15	17.98	0.0355	0.0359	0.0345
15	256QAM	1	74	18.07	18.13	18.10	0.0352	0.0357	0.0355
15	256QAM	36	0	18.13	18.13	17.98	0.0357	0.0357	0.0345
15	256QAM	36	20	17.99	18.16	18.14	0.0346	0.0360	0.0358
15	256QAM	36	39	18.22	18.18	18.03	0.0365	0.0361	0.0349
15	256QAM	75	0	18.09	18.23	17.94	0.0354	0.0366	0.0342
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	23.26	23.26	23.06	0.1164	0.1164	0.1112
10	QPSK	1	25	23.07	23.14	23.04	0.1114	0.1132	0.1107
10	QPSK	1	49	23.15	23.20	23.04	0.1135	0.1148	0.1107
10	QPSK	25	0	22.09	22.15	22.08	0.0889	0.0902	0.0887
10	QPSK	25	12	22.13	22.19	22.07	0.0897	0.0910	0.0885
10	QPSK	25	25	22.11	22.15	22.10	0.0893	0.0902	0.0891
10	QPSK	50	0	22.20	22.13	22.04	0.0912	0.0897	0.0879
10	16QAM	1	0	22.18	22.20	22.14	0.0908	0.0912	0.0899
10	16QAM	1	25	22.36	22.45	22.23	0.0946	0.0966	0.0918
10	16QAM	1	49	22.18	22.37	22.25	0.0908	0.0948	0.0923
10	16QAM	25	0	21.13	21.14	21.00	0.0713	0.0714	0.0692
10	16QAM	25	12	21.14	21.20	21.15	0.0714	0.0724	0.0716
10	16QAM	25	25	21.06	21.16	21.16	0.0701	0.0718	0.0718
10	16QAM	50	0	21.00	21.15	21.13	0.0692	0.0716	0.0713
10	64QAM	1	0	21.13	21.31	21.08	0.0713	0.0743	0.0705
10	64QAM	1	25	21.23	21.38	21.23	0.0729	0.0755	0.0729
10	64QAM	1	49	21.19	21.32	21.19	0.0723	0.0745	0.0723
10	64QAM	25	0	20.10	20.19	20.05	0.0562	0.0574	0.0556
10	64QAM	25	12	20.21	20.14	20.10	0.0577	0.0568	0.0562
10	64QAM	25	25	20.19	20.15	20.08	0.0574	0.0569	0.0560
10	64QAM	50	0	20.16	20.19	20.12	0.0570	0.0574	0.0565
10	256QAM	1	0	18.17	18.28	18.00	0.0361	0.0370	0.0347
10	256QAM	1	25	18.10	18.13	17.97	0.0355	0.0357	0.0344
10	256QAM	1	49	18.14	18.12	18.12	0.0358	0.0356	0.0356
10	256QAM	25	0	18.11	18.09	17.91	0.0356	0.0354	0.0340
10	256QAM	25	12	18.06	18.24	18.05	0.0352	0.0366	0.0351
10	256QAM	25	25	18.13	18.15	18.03	0.0357	0.0359	0.0349
10	256QAM	50	0	18.18	18.18	17.99	0.0361	0.0361	0.0346
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	23.16	23.15	23.01	0.1138	0.1135	0.1099
5	QPSK	1	12	23.21	23.18	23.12	0.1151	0.1143	0.1127
5	QPSK	1	24	23.17	23.24	23.15	0.1140	0.1159	0.1135
5	QPSK	12	0	22.14	22.19	22.04	0.0899	0.0910	0.0879
5	QPSK	12	7	22.11	22.13	22.08	0.0893	0.0897	0.0887
5	QPSK	12	13	22.13	22.14	22.06	0.0897	0.0899	0.0883
5	QPSK	25	0	22.14	22.14	22.08	0.0899	0.0899	0.0887
5	16QAM	1	0	22.23	22.24	22.13	0.0918	0.0920	0.0897



5	16QAM	1	12	22.15	22.32	22.16	0.0902	0.0938	0.0904
5	16QAM	1	24	22.29	22.28	22.21	0.0931	0.0929	0.0914
5	16QAM	12	0	21.09	21.11	21.03	0.0706	0.0710	0.0697
5	16QAM	12	7	21.06	21.05	20.99	0.0701	0.0700	0.0690
5	16QAM	12	13	21.07	21.08	21.05	0.0703	0.0705	0.0700
5	16QAM	25	0	21.04	21.10	21.07	0.0698	0.0708	0.0703
5	64QAM	1	0	21.10	21.21	21.08	0.0708	0.0726	0.0705
5	64QAM	1	12	21.15	21.25	21.15	0.0716	0.0733	0.0716
5	64QAM	1	24	21.16	21.30	21.25	0.0718	0.0741	0.0733
5	64QAM	12	0	20.05	20.18	20.07	0.0556	0.0573	0.0558
5	64QAM	12	7	20.07	20.12	20.06	0.0558	0.0565	0.0557
5	64QAM	12	13	20.12	20.16	20.12	0.0565	0.0570	0.0565
5	64QAM	25	0	20.04	20.08	20.06	0.0555	0.0560	0.0557
5	256QAM	1	0	18.03	18.22	17.94	0.0349	0.0365	0.0342
5	256QAM	1	12	18.00	18.00	17.91	0.0347	0.0347	0.0340
5	256QAM	1	24	17.99	18.02	18.09	0.0346	0.0348	0.0354
5	256QAM	12	0	17.98	17.95	17.87	0.0345	0.0343	0.0337
5	256QAM	12	7	18.00	18.20	17.97	0.0347	0.0363	0.0344
5	256QAM	12	13	17.99	18.14	18.00	0.0346	0.0358	0.0347
5	256QAM	25	0	18.14	18.17	17.89	0.0358	0.0361	0.0338

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	24.36	24.40	24.36	0.1225	0.1236	0.1225
10	QPSK	1	25	24.33	24.31	24.31	0.1216	0.1211	0.1211
10	QPSK	1	49	24.19	24.25	24.01	0.1178	0.1194	0.1130
10	QPSK	25	0	23.31	23.38	23.36	0.0962	0.0977	0.0973
10	QPSK	25	12	23.27	23.33	23.34	0.0953	0.0966	0.0968
10	QPSK	25	25	23.24	23.34	23.34	0.0946	0.0968	0.0968
10	QPSK	50	0	23.31	23.35	23.29	0.0962	0.0971	0.0957
10	16QAM	1	0	23.48	23.50	23.63	0.1000	0.1005	0.1035
10	16QAM	1	25	23.44	23.60	23.59	0.0991	0.1028	0.1026
10	16QAM	1	49	23.63	23.56	23.64	0.1035	0.1019	0.1038
10	16QAM	25	0	22.32	22.32	22.38	0.0766	0.0766	0.0776
10	16QAM	25	12	22.31	22.36	22.33	0.0764	0.0773	0.0767
10	16QAM	25	25	22.34	22.34	22.35	0.0769	0.0769	0.0771
10	16QAM	50	0	22.35	22.32	22.33	0.0771	0.0766	0.0767
10	64QAM	1	0	22.49	22.49	22.48	0.0796	0.0796	0.0794
10	64QAM	1	25	22.44	22.52	22.44	0.0787	0.0802	0.0787
10	64QAM	1	49	22.59	22.61	22.49	0.0815	0.0818	0.0796
10	64QAM	25	0	21.31	21.33	21.38	0.0607	0.0610	0.0617
10	64QAM	25	12	21.35	21.33	21.34	0.0612	0.0610	0.0611



10	64QAM	25	25	21.36	21.32	21.35	0.0614	0.0608	0.0612
10	64QAM	50	0	21.35	21.32	21.34	0.0612	0.0608	0.0611
10	256QAM	1	0	19.35	19.26	19.26	0.0386	0.0378	0.0378
10	256QAM	1	25	19.28	19.35	19.27	0.0380	0.0386	0.0379
10	256QAM	1	49	19.25	19.35	19.28	0.0378	0.0386	0.0380
10	256QAM	25	0	19.33	19.38	19.33	0.0385	0.0389	0.0385
10	256QAM	25	12	19.30	19.27	19.33	0.0382	0.0379	0.0385
10	256QAM	25	25	19.29	19.38	19.24	0.0381	0.0389	0.0377
10	256QAM	50	0	19.26	19.31	19.25	0.0378	0.0383	0.0378
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	24.32	24.26	24.28	0.1213	0.1197	0.1202
5	QPSK	1	12	24.23	24.29	24.19	0.1189	0.1205	0.1178
5	QPSK	1	24	24.06	24.14	23.87	0.1143	0.1164	0.1094
5	QPSK	12	0	23.30	23.30	23.28	0.0959	0.0959	0.0955
5	QPSK	12	7	23.20	23.19	23.24	0.0938	0.0935	0.0946
5	QPSK	12	13	23.15	23.22	23.29	0.0927	0.0942	0.0957
5	QPSK	25	0	23.17	23.26	23.24	0.0931	0.0951	0.0946
5	16QAM	1	0	23.44	23.35	23.56	0.0991	0.0971	0.1019
5	16QAM	1	12	23.35	23.53	23.49	0.0971	0.1012	0.1002
5	16QAM	1	24	23.58	23.43	23.58	0.1023	0.0989	0.1023
5	16QAM	12	0	22.19	22.23	22.35	0.0743	0.0750	0.0771
5	16QAM	12	7	22.28	22.29	22.28	0.0759	0.0760	0.0759
5	16QAM	12	13	22.26	22.31	22.28	0.0755	0.0764	0.0759
5	16QAM	25	0	22.24	22.18	22.18	0.0752	0.0741	0.0741
5	64QAM	1	0	22.45	22.34	22.37	0.0789	0.0769	0.0774
5	64QAM	1	12	22.34	22.51	22.39	0.0769	0.0800	0.0778
5	64QAM	1	24	22.48	22.51	22.47	0.0794	0.0800	0.0793
5	64QAM	12	0	21.25	21.18	21.30	0.0598	0.0589	0.0605
5	64QAM	12	7	21.21	21.31	21.19	0.0593	0.0607	0.0590
5	64QAM	12	13	21.30	21.24	21.23	0.0605	0.0597	0.0596
5	64QAM	25	0	21.33	21.24	21.20	0.0610	0.0597	0.0592
5	256QAM	1	0	19.33	19.14	19.13	0.0385	0.0368	0.0367
5	256QAM	1	12	19.25	19.33	19.12	0.0378	0.0385	0.0366
5	256QAM	1	24	19.18	19.30	19.17	0.0372	0.0382	0.0371
5	256QAM	12	0	19.19	19.34	19.31	0.0372	0.0385	0.0383
5	256QAM	12	7	19.29	19.18	19.29	0.0381	0.0372	0.0381
5	256QAM	12	13	19.14	19.26	19.16	0.0368	0.0378	0.0370
5	256QAM	25	0	19.23	19.24	19.15	0.0376	0.0377	0.0369
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	24.31	24.25	24.28	0.1211	0.1194	0.1202
3	QPSK	1	8	24.19	24.28	24.20	0.1178	0.1202	0.1180
3	QPSK	1	14	24.17	24.15	23.93	0.1172	0.1167	0.1109
3	QPSK	8	0	23.23	23.29	23.24	0.0944	0.0957	0.0946
3	QPSK	8	4	23.15	23.23	23.20	0.0927	0.0944	0.0938
3	QPSK	8	7	23.16	23.31	23.29	0.0929	0.0962	0.0957



3	QPSK	15	0	23.20	23.32	23.25	0.0938	0.0964	0.0948
3	16QAM	1	0	23.47	23.44	23.54	0.0998	0.0991	0.1014
3	16QAM	1	8	23.35	23.48	23.52	0.0971	0.1000	0.1009
3	16QAM	1	14	23.48	23.41	23.59	0.1000	0.0984	0.1026
3	16QAM	8	0	22.28	22.24	22.26	0.0759	0.0752	0.0755
3	16QAM	8	4	22.20	22.27	22.32	0.0745	0.0757	0.0766
3	16QAM	8	7	22.20	22.28	22.28	0.0745	0.0759	0.0759
3	16QAM	15	0	22.20	22.23	22.22	0.0745	0.0750	0.0748
3	64QAM	1	0	22.36	22.39	22.33	0.0773	0.0778	0.0767
3	64QAM	1	8	22.40	22.44	22.29	0.0780	0.0787	0.0760
3	64QAM	1	14	22.51	22.56	22.41	0.0800	0.0809	0.0782
3	64QAM	8	0	21.30	21.22	21.25	0.0605	0.0594	0.0598
3	64QAM	8	4	21.23	21.27	21.19	0.0596	0.0601	0.0590
3	64QAM	8	7	21.29	21.19	21.29	0.0604	0.0590	0.0604
3	64QAM	15	0	21.33	21.17	21.20	0.0610	0.0587	0.0592
3	256QAM	1	0	19.34	19.15	19.24	0.0385	0.0369	0.0377
3	256QAM	1	8	19.18	19.26	19.23	0.0372	0.0378	0.0376
3	256QAM	1	14	19.17	19.33	19.26	0.0371	0.0385	0.0378
3	256QAM	8	0	19.26	19.32	19.19	0.0378	0.0384	0.0372
3	256QAM	8	4	19.29	19.25	19.25	0.0381	0.0378	0.0378
3	256QAM	8	7	19.15	19.36	19.09	0.0369	0.0387	0.0364
3	256QAM	15	0	19.24	19.23	19.17	0.0377	0.0376	0.0371
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	24.18	24.21	24.10	0.1175	0.1183	0.1153
1.4	QPSK	1	3	24.14	24.19	23.94	0.1164	0.1178	0.1112
1.4	QPSK	1	5	24.20	24.21	23.82	0.1180	0.1183	0.1081
1.4	QPSK	3	0	24.12	24.10	23.79	0.1159	0.1153	0.1074
1.4	QPSK	3	1	24.10	24.09	23.75	0.1153	0.1151	0.1064
1.4	QPSK	3	3	24.10	24.11	23.68	0.1153	0.1156	0.1047
1.4	QPSK	6	0	23.12	23.11	23.07	0.0920	0.0918	0.0910
1.4	16QAM	1	0	23.35	23.35	23.31	0.0971	0.0971	0.0962
1.4	16QAM	1	3	23.30	23.30	23.23	0.0959	0.0959	0.0944
1.4	16QAM	1	5	23.34	23.39	23.37	0.0968	0.0979	0.0975
1.4	16QAM	3	0	23.09	23.10	23.04	0.0914	0.0916	0.0904
1.4	16QAM	3	1	23.06	23.12	23.05	0.0908	0.0920	0.0906
1.4	16QAM	3	3	23.12	23.11	23.10	0.0920	0.0918	0.0916
1.4	16QAM	6	0	22.16	22.17	22.14	0.0738	0.0740	0.0735
1.4	64QAM	1	0	22.30	22.43	22.28	0.0762	0.0785	0.0759
1.4	64QAM	1	3	22.34	22.31	22.24	0.0769	0.0764	0.0752
1.4	64QAM	1	5	22.32	22.35	22.27	0.0766	0.0771	0.0757
1.4	64QAM	3	0	22.28	22.26	22.16	0.0759	0.0755	0.0738
1.4	64QAM	3	1	22.28	22.26	22.23	0.0759	0.0755	0.0750
1.4	64QAM	3	3	22.25	22.29	22.26	0.0753	0.0760	0.0755
1.4	64QAM	6	0	21.13	21.11	21.12	0.0582	0.0579	0.0581
1.4	256QAM	1	0	19.31	19.00	19.10	0.0383	0.0356	0.0365
1.4	256QAM	1	3	19.04	19.25	19.18	0.0360	0.0378	0.0372



1.4	256QAM	1	5	19.16	19.25	19.19	0.0370	0.0378	0.0372
1.4	256QAM	3	0	19.18	19.27	19.18	0.0372	0.0379	0.0372
1.4	256QAM	3	1	19.18	19.13	19.24	0.0372	0.0367	0.0377
1.4	256QAM	3	3	19.11	19.32	19.00	0.0366	0.0384	0.0356
1.4	256QAM	6	0	19.17	19.10	19.07	0.0371	0.0365	0.0362

LTE Band 17_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711	L	M	H
10	QPSK	1	0	24.29	24.35	24.34	0.1205	0.1222	0.1219
10	QPSK	1	25	24.21	24.25	24.26	0.1183	0.1194	0.1197
10	QPSK	1	49	24.12	24.10	23.94	0.1159	0.1153	0.1112
10	QPSK	25	0	23.31	23.34	23.32	0.0962	0.0968	0.0964
10	QPSK	25	12	23.30	23.29	23.30	0.0959	0.0957	0.0959
10	QPSK	25	25	23.30	23.31	23.24	0.0959	0.0962	0.0946
10	QPSK	50	0	23.30	23.31	23.30	0.0959	0.0962	0.0959
10	16QAM	1	0	23.42	23.45	23.50	0.0986	0.0993	0.1005
10	16QAM	1	25	23.40	23.50	23.54	0.0982	0.1005	0.1014
10	16QAM	1	49	23.62	23.61	23.57	0.1033	0.1030	0.1021
10	16QAM	25	0	22.26	22.27	22.30	0.0755	0.0757	0.0762
10	16QAM	25	12	22.27	22.26	22.30	0.0757	0.0755	0.0762
10	16QAM	25	25	22.30	22.29	22.31	0.0762	0.0760	0.0764
10	16QAM	50	0	22.26	22.28	22.28	0.0755	0.0759	0.0759
10	64QAM	1	0	22.31	22.37	22.36	0.0764	0.0774	0.0773
10	64QAM	1	25	22.34	22.49	22.43	0.0769	0.0796	0.0785
10	64QAM	1	49	22.52	22.53	22.54	0.0802	0.0804	0.0805
10	64QAM	25	0	21.25	21.25	21.30	0.0598	0.0598	0.0605
10	64QAM	25	12	21.29	21.28	21.31	0.0604	0.0603	0.0607
10	64QAM	25	25	21.29	21.29	21.31	0.0604	0.0604	0.0607
10	64QAM	50	0	21.27	21.30	21.29	0.0601	0.0605	0.0604
10	256QAM	1	0	19.24	19.29	19.30	0.0377	0.0381	0.0382
10	256QAM	1	25	19.27	19.31	19.32	0.0379	0.0383	0.0384
10	256QAM	1	49	19.18	19.28	19.22	0.0372	0.0380	0.0375
10	256QAM	25	0	19.24	19.20	19.25	0.0377	0.0373	0.0378
10	256QAM	25	12	19.17	19.32	19.32	0.0371	0.0384	0.0384
10	256QAM	25	25	19.23	19.31	19.29	0.0376	0.0383	0.0381
10	256QAM	50	0	19.22	19.27	19.32	0.0375	0.0379	0.0384
Channel				23755	23790	23825	ERP(W)		
Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	24.20	24.25	24.27	0.1180	0.1194	0.1199
5	QPSK	1	12	24.19	24.20	24.18	0.1178	0.1180	0.1175
5	QPSK	1	24	24.06	24.02	23.83	0.1143	0.1132	0.1084
5	QPSK	12	0	23.16	23.26	23.27	0.0929	0.0951	0.0953



5	QPSK	12	7	23.16	23.18	23.20	0.0929	0.0933	0.0938
5	QPSK	12	13	23.16	23.23	23.12	0.0929	0.0944	0.0920
5	QPSK	25	0	23.16	23.27	23.17	0.0929	0.0953	0.0931
5	16QAM	1	0	23.30	23.39	23.41	0.0959	0.0979	0.0984
5	16QAM	1	12	23.35	23.49	23.39	0.0971	0.1002	0.0979
5	16QAM	1	24	23.60	23.54	23.42	0.1028	0.1014	0.0986
5	16QAM	12	0	22.25	22.24	22.29	0.0753	0.0752	0.0760
5	16QAM	12	7	22.22	22.11	22.19	0.0748	0.0729	0.0743
5	16QAM	12	13	22.17	22.25	22.22	0.0740	0.0753	0.0748
5	16QAM	25	0	22.22	22.19	22.19	0.0748	0.0743	0.0743
5	64QAM	1	0	22.28	22.32	22.34	0.0759	0.0766	0.0769
5	64QAM	1	12	22.32	22.38	22.40	0.0766	0.0776	0.0780
5	64QAM	1	24	22.44	22.39	22.45	0.0787	0.0778	0.0789
5	64QAM	12	0	21.19	21.24	21.29	0.0590	0.0597	0.0604
5	64QAM	12	7	21.21	21.22	21.17	0.0593	0.0594	0.0587
5	64QAM	12	13	21.26	21.19	21.23	0.0600	0.0590	0.0596
5	64QAM	25	0	21.23	21.17	21.15	0.0596	0.0587	0.0585
5	256QAM	1	0	19.21	19.16	19.25	0.0374	0.0370	0.0378
5	256QAM	1	12	19.25	19.27	19.27	0.0378	0.0379	0.0379
5	256QAM	1	24	19.17	19.24	19.16	0.0371	0.0377	0.0370
5	256QAM	12	0	19.16	19.19	19.12	0.0370	0.0372	0.0366
5	256QAM	12	7	19.10	19.17	19.25	0.0365	0.0371	0.0378
5	256QAM	12	13	19.21	19.17	19.16	0.0374	0.0371	0.0370
5	256QAM	25	0	19.13	19.16	19.27	0.0367	0.0370	0.0379

LTE Band 66_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770	L	M	H
20	QPSK	1	0	24.26	24.35	24.33	0.3767	0.3846	0.3828
20	QPSK	1	49	24.14	24.26	24.32	0.3664	0.3767	0.3819
20	QPSK	1	99	24.00	24.19	24.22	0.3548	0.3707	0.3733
20	QPSK	50	0	23.29	23.30	23.31	0.3013	0.3020	0.3027
20	QPSK	50	24	23.15	23.26	23.29	0.2917	0.2992	0.3013
20	QPSK	50	50	23.13	23.21	23.24	0.2904	0.2958	0.2979
20	QPSK	100	0	23.14	23.27	23.21	0.2911	0.2999	0.2958
20	16QAM	1	0	23.37	23.52	23.55	0.3069	0.3177	0.3199
20	16QAM	1	49	23.36	23.47	23.51	0.3062	0.3141	0.3170
20	16QAM	1	99	23.30	23.37	23.37	0.3020	0.3069	0.3069
20	16QAM	50	0	22.14	22.30	22.33	0.2312	0.2399	0.2415
20	16QAM	50	24	22.16	22.28	22.31	0.2323	0.2388	0.2404
20	16QAM	50	50	22.16	22.24	22.26	0.2323	0.2366	0.2377
20	16QAM	100	0	22.15	22.25	22.30	0.2317	0.2371	0.2399
20	64QAM	1	0	22.36	22.46	22.50	0.2432	0.2489	0.2512



20	64QAM	1	49	22.39	22.48	22.43	0.2449	0.2500	0.2472
20	64QAM	1	99	22.32	22.35	22.36	0.2410	0.2427	0.2432
20	64QAM	50	0	21.17	21.32	21.33	0.1849	0.1914	0.1919
20	64QAM	50	24	21.18	21.32	21.32	0.1854	0.1914	0.1914
20	64QAM	50	50	21.18	21.25	21.27	0.1854	0.1884	0.1892
20	64QAM	100	0	21.18	21.28	21.31	0.1854	0.1897	0.1910
20	256QAM	1	0	19.23	19.31	19.22	0.1183	0.1205	0.1180
20	256QAM	1	49	19.19	19.30	19.25	0.1172	0.1202	0.1189
20	256QAM	1	99	19.20	19.24	19.31	0.1175	0.1186	0.1205
20	256QAM	50	0	19.17	19.31	19.28	0.1167	0.1205	0.1197
20	256QAM	50	24	19.24	19.32	19.27	0.1186	0.1208	0.1194
20	256QAM	50	50	19.13	19.26	19.21	0.1156	0.1191	0.1178
20	256QAM	100	0	19.24	19.30	19.20	0.1186	0.1202	0.1175
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	24.18	24.30	24.20	0.3698	0.3802	0.3715
15	QPSK	1	37	24.07	24.25	24.21	0.3606	0.3758	0.3724
15	QPSK	1	74	23.92	24.12	24.12	0.3483	0.3648	0.3648
15	QPSK	36	0	23.25	23.26	23.20	0.2985	0.2992	0.2951
15	QPSK	36	20	23.08	23.20	23.23	0.2871	0.2951	0.2972
15	QPSK	36	39	23.06	23.08	23.09	0.2858	0.2871	0.2877
15	QPSK	75	0	23.11	23.25	23.13	0.2891	0.2985	0.2904
15	16QAM	1	0	23.22	23.43	23.49	0.2965	0.3112	0.3155
15	16QAM	1	37	23.25	23.43	23.48	0.2985	0.3112	0.3148
15	16QAM	1	74	23.26	23.28	23.24	0.2992	0.3006	0.2979
15	16QAM	36	0	22.01	22.22	22.31	0.2244	0.2355	0.2404
15	16QAM	36	20	22.15	22.23	22.22	0.2317	0.2360	0.2355
15	16QAM	36	39	22.10	22.09	22.25	0.2291	0.2286	0.2371
15	16QAM	75	0	22.01	22.16	22.20	0.2244	0.2323	0.2344
15	64QAM	1	0	22.35	22.38	22.37	0.2427	0.2443	0.2438
15	64QAM	1	37	22.37	22.41	22.38	0.2438	0.2460	0.2443
15	64QAM	1	74	22.24	22.24	22.32	0.2366	0.2366	0.2410
15	64QAM	36	0	21.09	21.23	21.20	0.1816	0.1875	0.1862
15	64QAM	36	20	21.08	21.26	21.30	0.1811	0.1888	0.1905
15	64QAM	36	39	21.13	21.11	21.19	0.1832	0.1824	0.1858
15	64QAM	75	0	21.04	21.17	21.28	0.1795	0.1849	0.1897
15	256QAM	1	0	19.17	19.30	19.14	0.1167	0.1202	0.1159
15	256QAM	1	37	19.06	19.24	19.23	0.1138	0.1186	0.1183
15	256QAM	1	74	19.07	19.19	19.16	0.1140	0.1172	0.1164
15	256QAM	36	0	19.13	19.22	19.23	0.1156	0.1180	0.1183
15	256QAM	36	20	19.12	19.18	19.17	0.1153	0.1169	0.1167
15	256QAM	36	39	19.01	19.24	19.13	0.1125	0.1186	0.1156
15	256QAM	75	0	19.13	19.26	19.08	0.1156	0.1191	0.1143
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	24.17	24.23	24.18	0.3690	0.3741	0.3698
10	QPSK	1	25	24.00	24.23	24.22	0.3548	0.3741	0.3733



10	QPSK	1	49	23.91	24.11	24.20	0.3475	0.3639	0.3715
10	QPSK	25	0	23.19	23.29	23.17	0.2944	0.3013	0.2931
10	QPSK	25	12	23.02	23.18	23.23	0.2831	0.2938	0.2972
10	QPSK	25	25	23.00	23.06	23.09	0.2818	0.2858	0.2877
10	QPSK	50	0	23.07	23.17	23.06	0.2864	0.2931	0.2858
10	16QAM	1	0	23.30	23.40	23.51	0.3020	0.3090	0.3170
10	16QAM	1	25	23.30	23.34	23.44	0.3020	0.3048	0.3119
10	16QAM	1	49	23.26	23.36	23.33	0.2992	0.3062	0.3041
10	16QAM	25	0	22.03	22.19	22.27	0.2254	0.2339	0.2382
10	16QAM	25	12	22.10	22.25	22.24	0.2291	0.2371	0.2366
10	16QAM	25	25	22.15	22.17	22.24	0.2317	0.2328	0.2366
10	16QAM	50	0	22.07	22.23	22.27	0.2275	0.2360	0.2382
10	64QAM	1	0	22.34	22.31	22.36	0.2421	0.2404	0.2432
10	64QAM	1	25	22.25	22.37	22.40	0.2371	0.2438	0.2455
10	64QAM	1	49	22.27	22.28	22.21	0.2382	0.2388	0.2350
10	64QAM	25	0	21.10	21.20	21.19	0.1820	0.1862	0.1858
10	64QAM	25	12	21.07	21.31	21.25	0.1807	0.1910	0.1884
10	64QAM	25	25	21.05	21.17	21.16	0.1799	0.1849	0.1845
10	64QAM	50	0	21.05	21.24	21.17	0.1799	0.1879	0.1849
10	256QAM	1	0	19.12	19.19	19.17	0.1153	0.1172	0.1167
10	256QAM	1	25	19.07	19.19	19.22	0.1140	0.1172	0.1180
10	256QAM	1	49	19.10	19.14	19.25	0.1148	0.1159	0.1189
10	256QAM	25	0	19.06	19.25	19.15	0.1138	0.1189	0.1161
10	256QAM	25	12	19.17	19.18	19.21	0.1167	0.1169	0.1178
10	256QAM	25	25	18.99	19.21	19.09	0.1119	0.1178	0.1146
10	256QAM	50	0	19.11	19.19	19.15	0.1151	0.1172	0.1161
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	24.12	24.31	24.24	0.3648	0.3811	0.3750
5	QPSK	1	12	24.04	24.13	24.21	0.3581	0.3656	0.3724
5	QPSK	1	24	23.99	24.08	24.14	0.3540	0.3614	0.3664
5	QPSK	12	0	23.18	23.15	23.21	0.2938	0.2917	0.2958
5	QPSK	12	7	23.09	23.23	23.18	0.2877	0.2972	0.2938
5	QPSK	12	13	23.06	23.15	23.20	0.2858	0.2917	0.2951
5	QPSK	25	0	23.04	23.16	23.07	0.2844	0.2924	0.2864
5	16QAM	1	0	23.27	23.43	23.47	0.2999	0.3112	0.3141
5	16QAM	1	12	23.27	23.42	23.46	0.2999	0.3105	0.3133
5	16QAM	1	24	23.15	23.34	23.27	0.2917	0.3048	0.2999
5	16QAM	12	0	22.10	22.22	22.26	0.2291	0.2355	0.2377
5	16QAM	12	7	22.02	22.27	22.28	0.2249	0.2382	0.2388
5	16QAM	12	13	22.07	22.19	22.24	0.2275	0.2339	0.2366
5	16QAM	25	0	22.09	22.19	22.16	0.2286	0.2339	0.2323
5	64QAM	1	0	22.30	22.32	22.38	0.2399	0.2410	0.2443
5	64QAM	1	12	22.37	22.46	22.34	0.2438	0.2489	0.2421
5	64QAM	1	24	22.26	22.32	22.28	0.2377	0.2410	0.2388
5	64QAM	12	0	21.15	21.26	21.22	0.1841	0.1888	0.1871
5	64QAM	12	7	21.05	21.26	21.17	0.1799	0.1888	0.1849



5	64QAM	12	13	21.09	21.20	21.16	0.1816	0.1862	0.1845
5	64QAM	25	0	21.08	21.17	21.28	0.1811	0.1849	0.1897
5	256QAM	1	0	19.10	19.24	19.08	0.1148	0.1186	0.1143
5	256QAM	1	12	19.10	19.28	19.23	0.1148	0.1197	0.1183
5	256QAM	1	24	19.15	19.23	19.26	0.1161	0.1183	0.1191
5	256QAM	12	0	19.07	19.23	19.22	0.1140	0.1183	0.1180
5	256QAM	12	7	19.09	19.21	19.16	0.1146	0.1178	0.1164
5	256QAM	12	13	19.08	19.18	19.15	0.1143	0.1169	0.1161
5	256QAM	25	0	19.15	19.19	19.06	0.1161	0.1172	0.1138
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	24.21	24.21	24.31	0.3724	0.3724	0.3811
3	QPSK	1	8	24.07	24.12	24.26	0.3606	0.3648	0.3767
3	QPSK	1	14	23.91	24.13	24.19	0.3475	0.3656	0.3707
3	QPSK	8	0	23.18	23.15	23.25	0.2938	0.2917	0.2985
3	QPSK	8	4	23.12	23.20	23.16	0.2897	0.2951	0.2924
3	QPSK	8	7	23.09	23.11	23.10	0.2877	0.2891	0.2884
3	QPSK	15	0	23.09	23.24	23.11	0.2877	0.2979	0.2891
3	16QAM	1	0	23.27	23.47	23.53	0.2999	0.3141	0.3184
3	16QAM	1	8	23.23	23.40	23.36	0.2972	0.3090	0.3062
3	16QAM	1	14	23.23	23.25	23.32	0.2972	0.2985	0.3034
3	16QAM	8	0	22.03	22.24	22.29	0.2254	0.2366	0.2393
3	16QAM	8	4	22.06	22.26	22.20	0.2270	0.2377	0.2344
3	16QAM	8	7	22.13	22.14	22.23	0.2307	0.2312	0.2360
3	16QAM	15	0	22.14	22.17	22.28	0.2312	0.2328	0.2388
3	64QAM	1	0	22.32	22.37	22.48	0.2410	0.2438	0.2500
3	64QAM	1	8	22.38	22.40	22.30	0.2443	0.2455	0.2399
3	64QAM	1	14	22.21	22.31	22.28	0.2350	0.2404	0.2388
3	64QAM	8	0	21.15	21.27	21.19	0.1841	0.1892	0.1858
3	64QAM	8	4	21.07	21.20	21.17	0.1807	0.1862	0.1849
3	64QAM	8	7	21.16	21.16	21.23	0.1845	0.1845	0.1875
3	64QAM	15	0	21.15	21.26	21.24	0.1841	0.1888	0.1879
3	256QAM	1	0	19.16	19.28	19.07	0.1164	0.1197	0.1140
3	256QAM	1	8	19.18	19.17	19.17	0.1169	0.1167	0.1167
3	256QAM	1	14	19.07	19.18	19.20	0.1140	0.1169	0.1175
3	256QAM	8	0	19.06	19.18	19.20	0.1138	0.1169	0.1175
3	256QAM	8	4	19.23	19.28	19.18	0.1183	0.1197	0.1169
3	256QAM	8	7	19.10	19.13	19.11	0.1148	0.1156	0.1151
3	256QAM	15	0	19.17	19.23	19.18	0.1167	0.1183	0.1169
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	24.20	24.28	24.26	0.3715	0.3784	0.3767
1.4	QPSK	1	3	24.14	24.22	24.25	0.3664	0.3733	0.3758
1.4	QPSK	1	5	24.18	24.18	24.29	0.3698	0.3698	0.3793
1.4	QPSK	3	0	24.06	24.12	24.17	0.3597	0.3648	0.3690
1.4	QPSK	3	1	24.05	24.10	24.17	0.3589	0.3631	0.3690
1.4	QPSK	3	3	24.06	24.11	24.19	0.3597	0.3639	0.3707



1.4	QPSK	6	0	23.06	23.13	23.19	0.2858	0.2904	0.2944
1.4	16QAM	1	0	23.24	23.34	23.36	0.2979	0.3048	0.3062
1.4	16QAM	1	3	23.30	23.32	23.29	0.3020	0.3034	0.3013
1.4	16QAM	1	5	23.26	23.39	23.36	0.2992	0.3083	0.3062
1.4	16QAM	3	0	23.06	23.13	23.19	0.2858	0.2904	0.2944
1.4	16QAM	3	1	23.06	23.08	23.18	0.2858	0.2871	0.2938
1.4	16QAM	3	3	23.05	23.12	23.16	0.2851	0.2897	0.2924
1.4	16QAM	6	0	22.15	22.19	22.21	0.2317	0.2339	0.2350
1.4	64QAM	1	0	22.27	22.42	22.39	0.2382	0.2466	0.2449
1.4	64QAM	1	3	22.21	22.36	22.31	0.2350	0.2432	0.2404
1.4	64QAM	1	5	22.21	22.42	22.41	0.2350	0.2466	0.2460
1.4	64QAM	3	0	22.20	22.30	22.30	0.2344	0.2399	0.2399
1.4	64QAM	3	1	22.21	22.28	22.23	0.2350	0.2388	0.2360
1.4	64QAM	3	3	22.19	22.26	22.31	0.2339	0.2377	0.2404
1.4	64QAM	6	0	21.06	21.17	21.18	0.1803	0.1849	0.1854
1.4	256QAM	1	0	19.09	19.23	18.96	0.1146	0.1183	0.1112
1.4	256QAM	1	3	19.07	19.12	19.14	0.1140	0.1153	0.1159
1.4	256QAM	1	5	18.95	19.12	19.13	0.1109	0.1153	0.1156
1.4	256QAM	3	0	18.92	19.05	19.17	0.1102	0.1135	0.1167
1.4	256QAM	3	1	19.21	19.20	19.15	0.1178	0.1175	0.1161
1.4	256QAM	3	3	18.95	19.08	19.10	0.1109	0.1143	0.1148
1.4	256QAM	6	0	19.04	19.22	19.06	0.1132	0.1180	0.1138



LTE Band 2

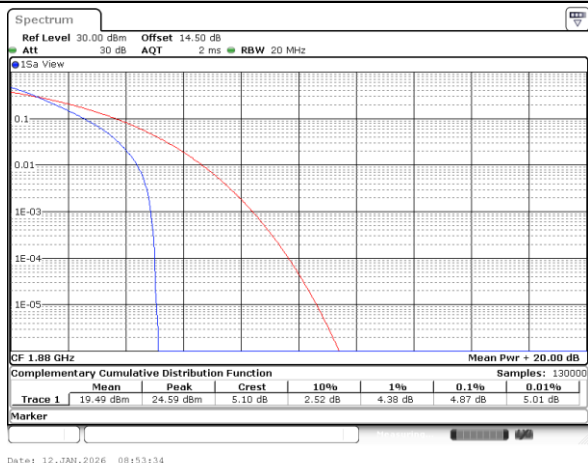
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.68	6.32	PASS



LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



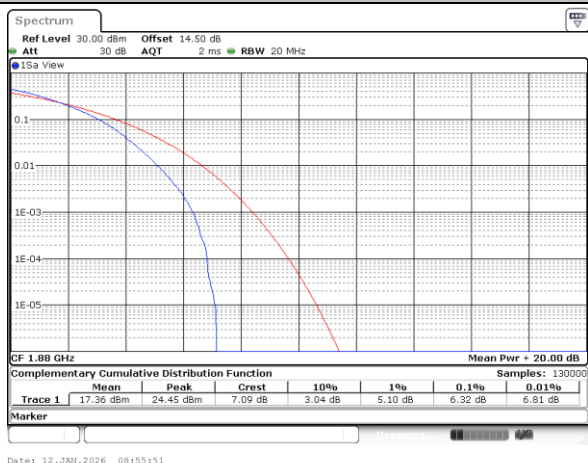
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB





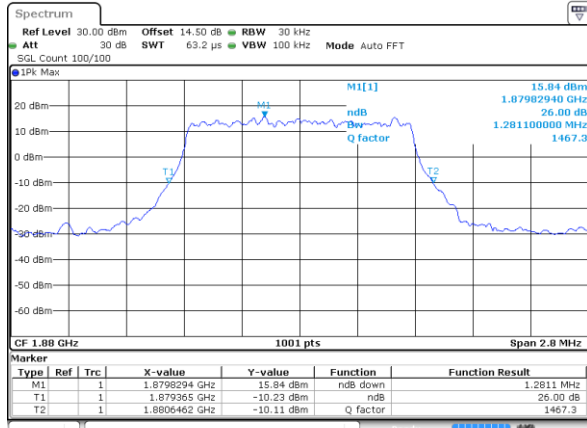
26dB Bandwidth

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	1.28	1.24	2.99	2.99	4.89	4.90	9.71	9.75	14.42	14.54	18.70	18.98



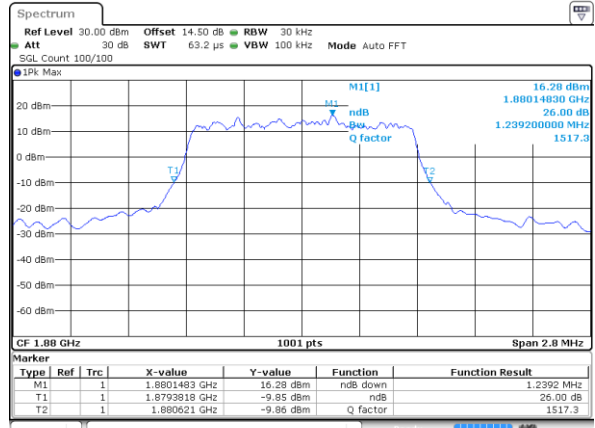
LTE Band 2

Middle Channel / 1.4MHz / QPSK



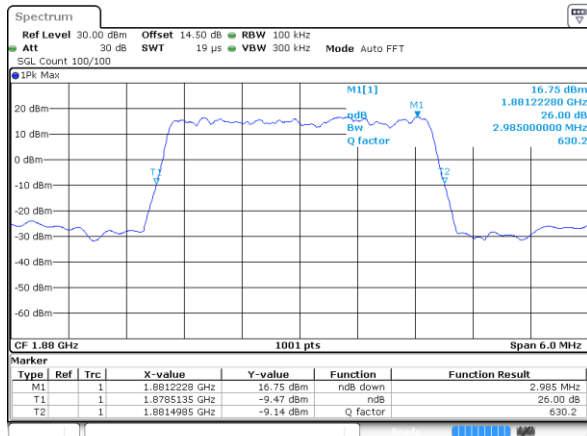
Date: 29 DEC 2025 17:28:11

Middle Channel / 1.4MHz / 16QAM



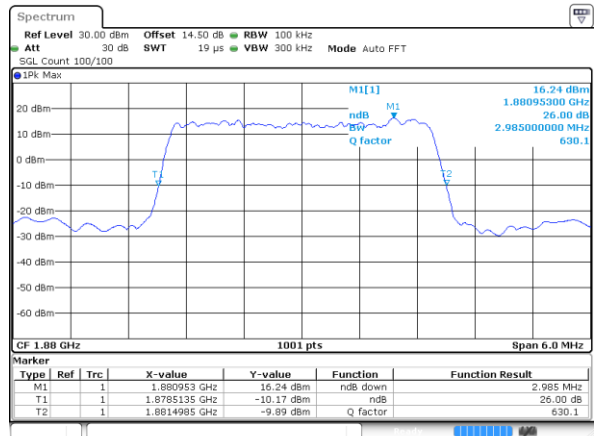
Date: 29 DEC 2025 17:28:50

Middle Channel / 3MHz / QPSK



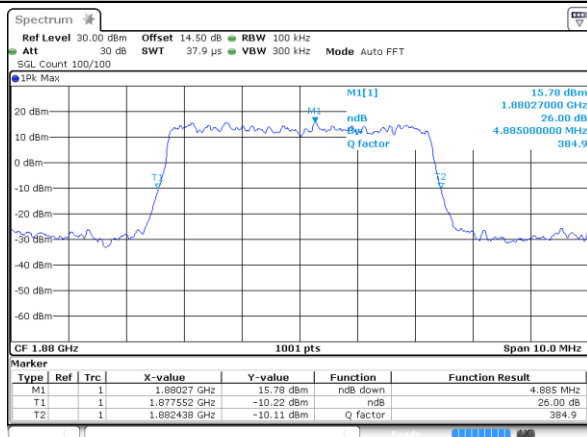
Date: 30 DEC 2025 21:22:27

Middle Channel / 3MHz / 16QAM



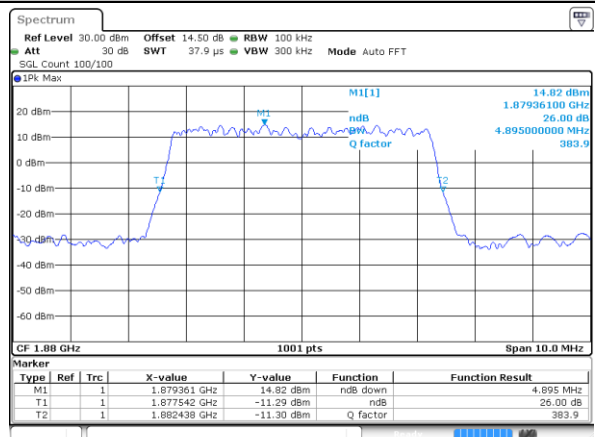
Date: 30 DEC 2025 21:23:07

Middle Channel / 5MHz / QPSK



Date: 30 DEC 2025 21:38:49

Middle Channel / 5MHz / 16QAM

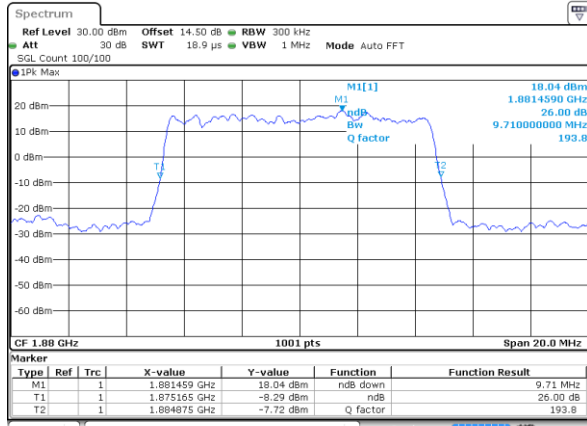


Date: 30 DEC 2025 21:39:29

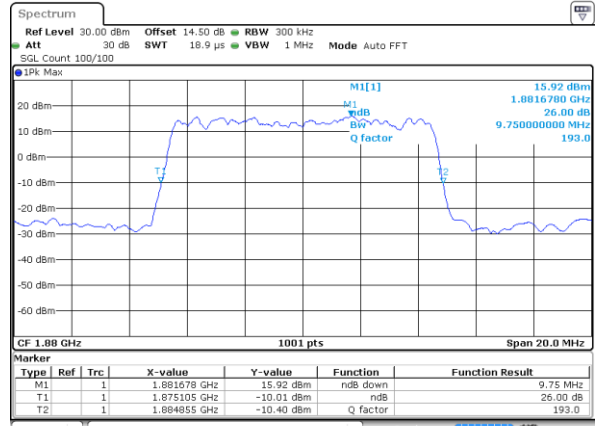


LTE Band 2

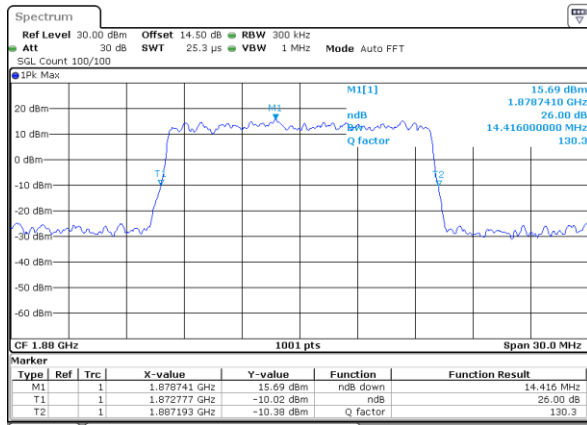
Middle Channel / 10MHz / QPSK



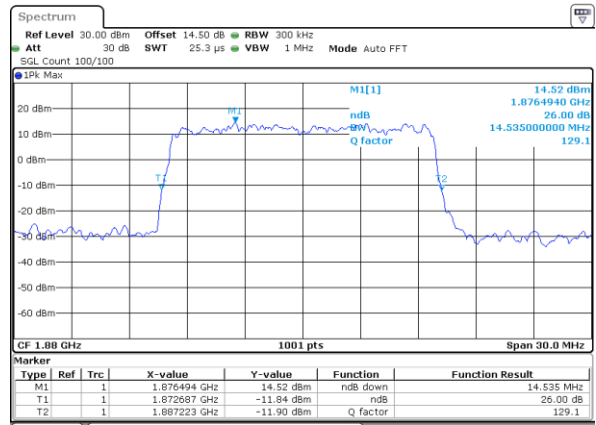
Middle Channel / 10MHz / 16QAM



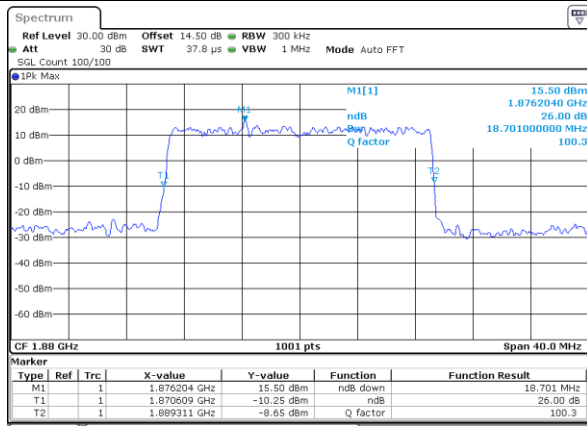
Middle Channel / 15MHz / QPSK



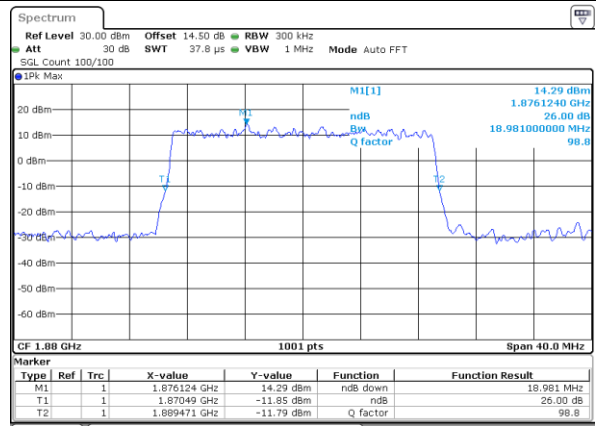
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





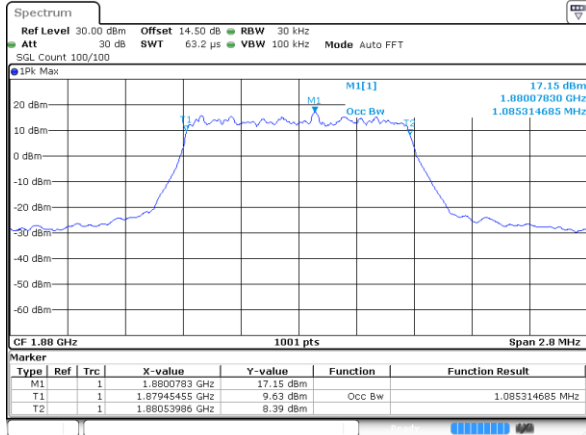
Occupied Bandwidth

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	1.09	2.69	2.72	4.48	4.49	9.11	9.03	13.49	13.49	17.98	17.82

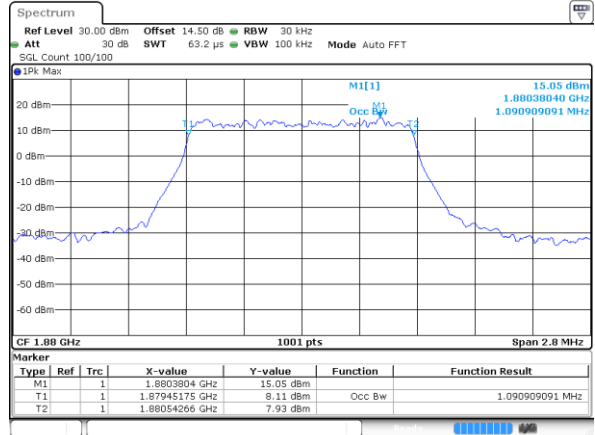


LTE Band 2

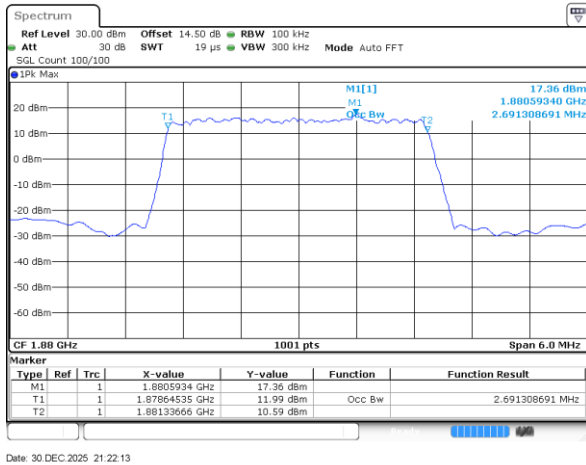
Middle Channel / 1.4MHz / QPSK



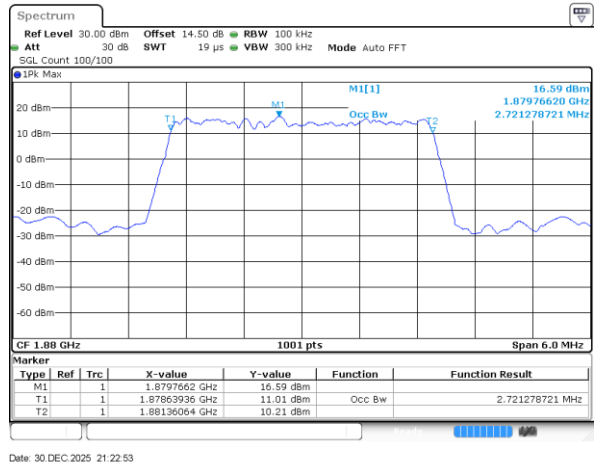
Middle Channel / 1.4MHz / 16QAM



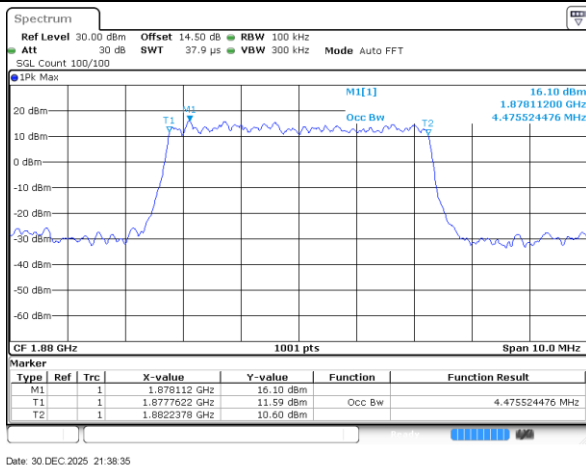
Middle Channel / 3MHz / QPSK



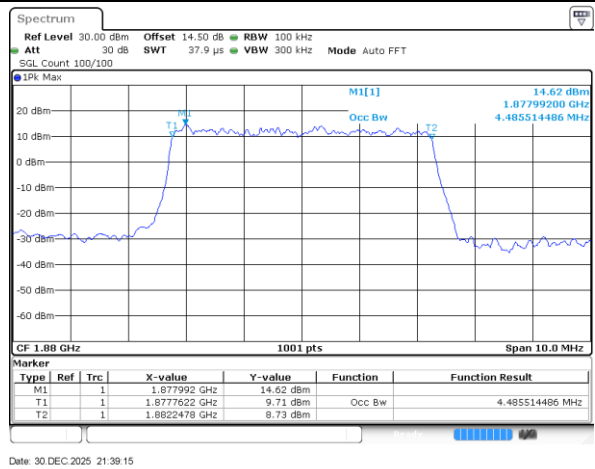
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



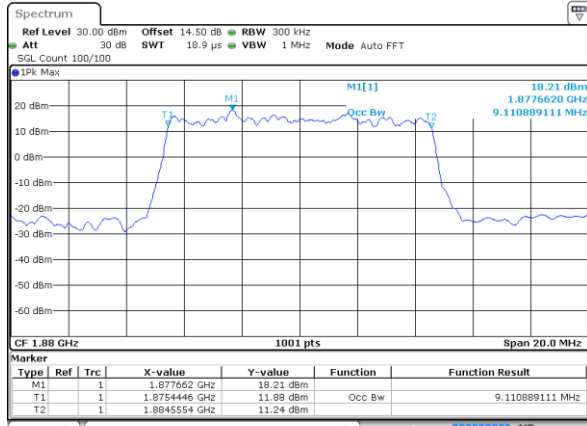
Middle Channel / 5MHz / 16QAM





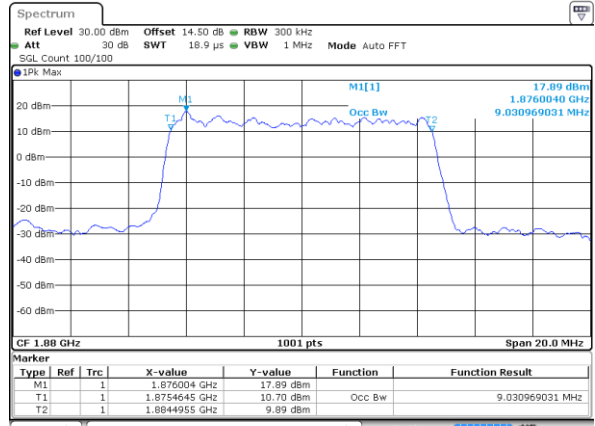
LTE Band 2

Middle Channel / 10MHz / QPSK



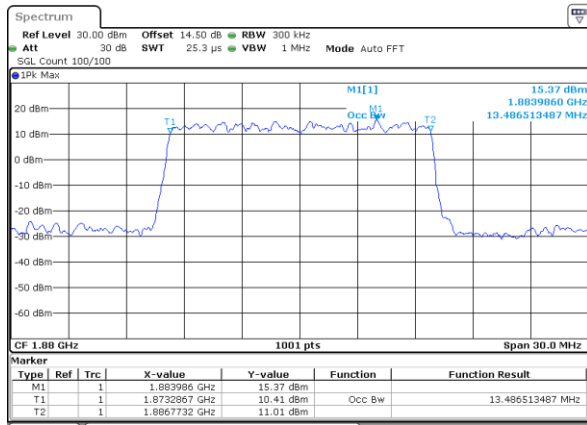
Date: 30 DEC 2025 22:10:50

Middle Channel / 10MHz / 16QAM



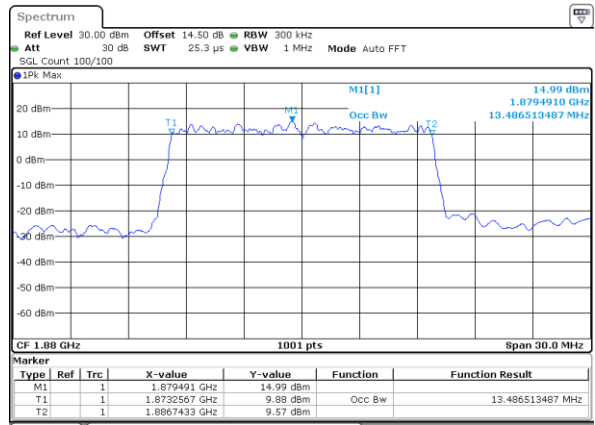
Date: 30 DEC 2025 22:11:33

Middle Channel / 15MHz / QPSK



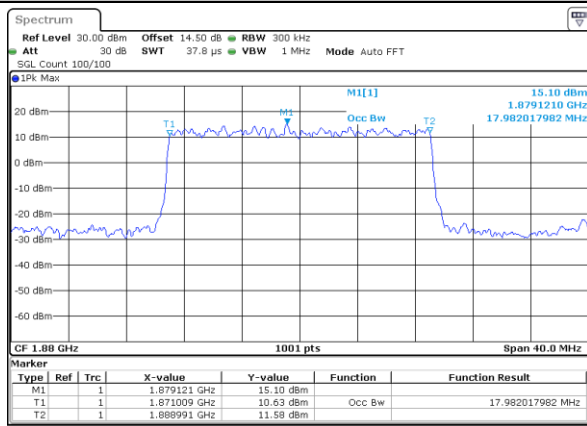
Date: 30 DEC 2025 22:52:22

Middle Channel / 15MHz / 16QAM



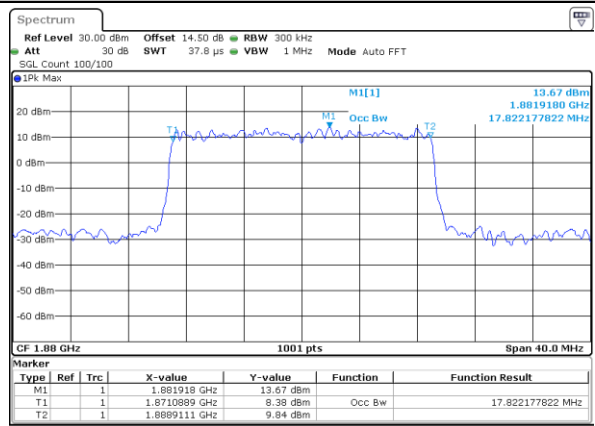
Date: 30 DEC 2025 22:53:05

Middle Channel / 20MHz / QPSK



Date: 30 DEC 2025 23:38:20

Middle Channel / 20MHz / 16QAM



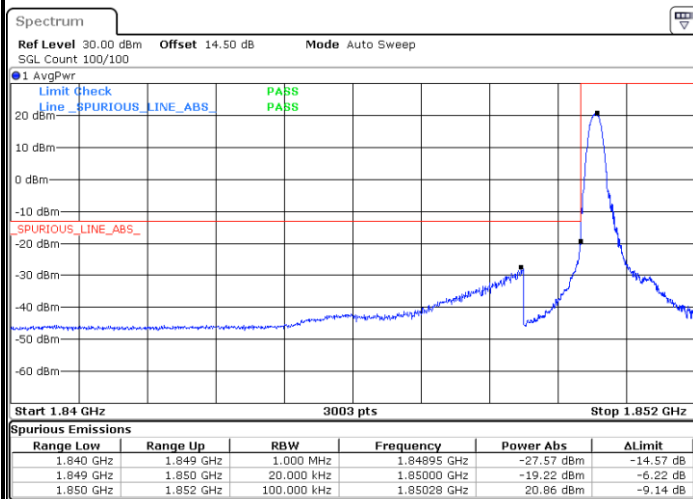
Date: 30 DEC 2025 23:40:08



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



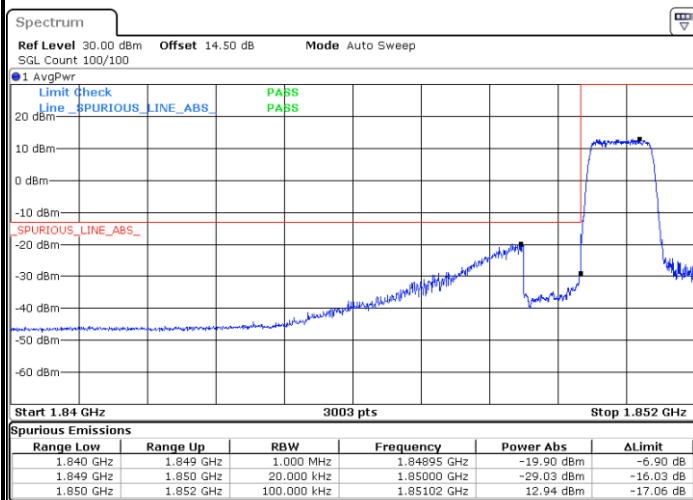
Date: 29 DEC 2025 17:20:35

Highest Band Edge / 1RB



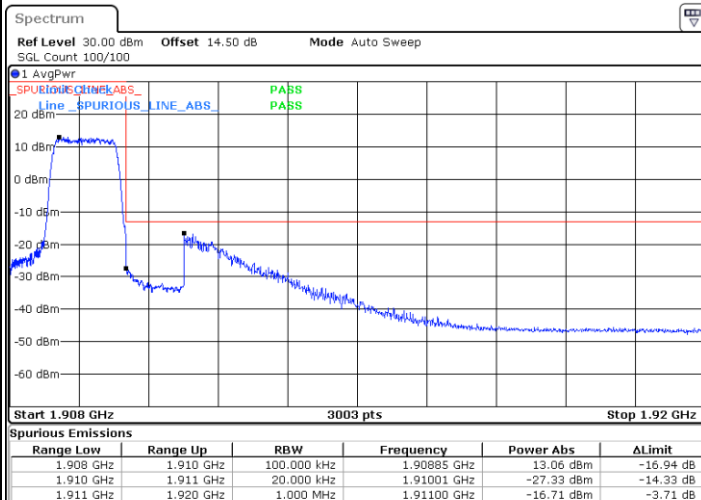
Date: 29 DEC 2025 17:29:43

Lowest Band Edge / Full RB



Date: 29 DEC 2025 17:24:28

Highest Band Edge / Full RB

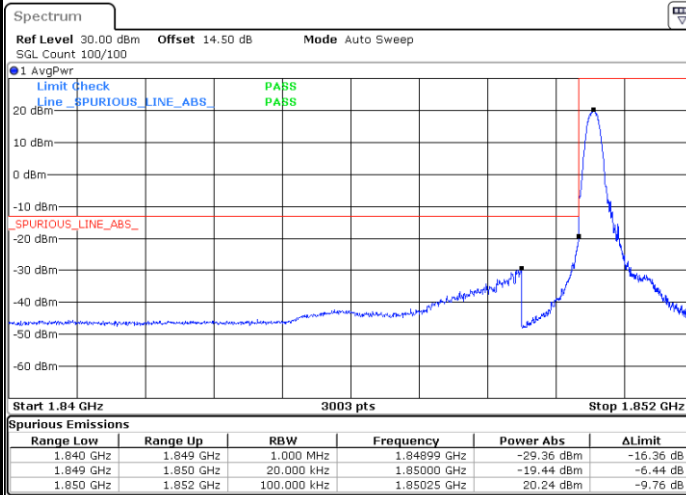


Date: 29 DEC 2025 17:33:36



LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



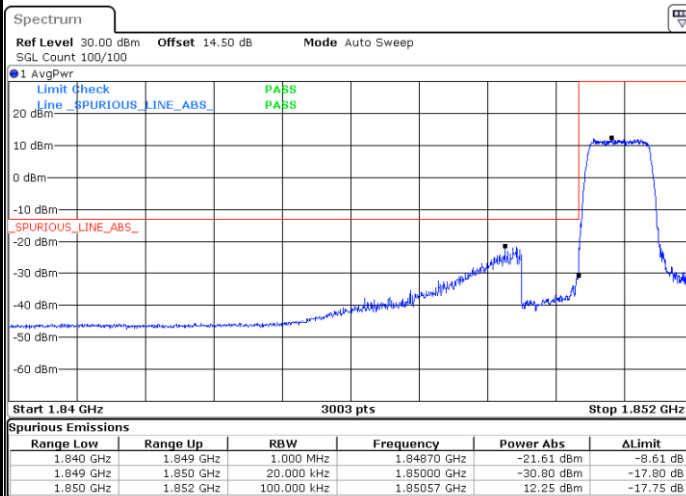
Date: 29 DEC 2025 17:21:29

Highest Band Edge / 1 RB



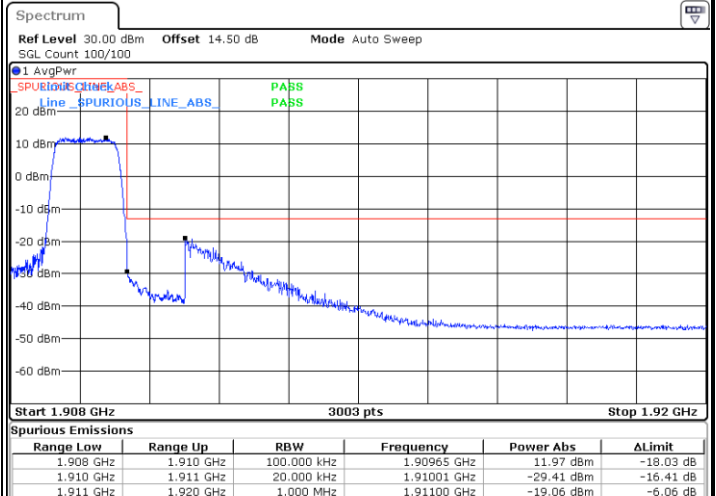
Date: 29 DEC 2025 17:30:36

Lowest Band Edge / Full RB



Date: 29 DEC 2025 17:25:22

Highest Band Edge / Full RB

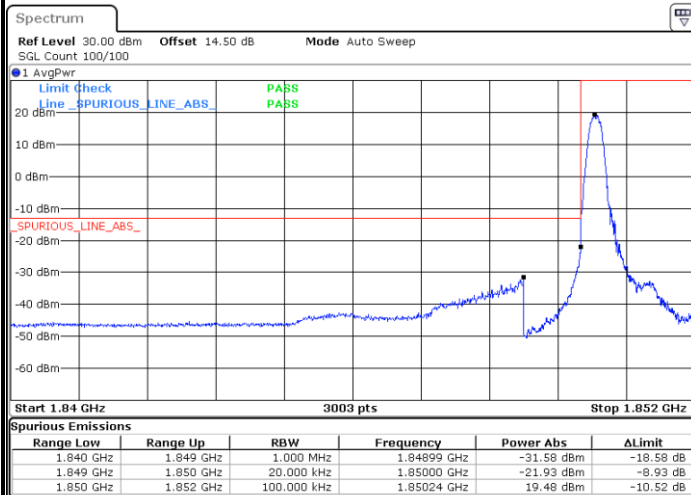


Date: 29 DEC 2025 17:34:31



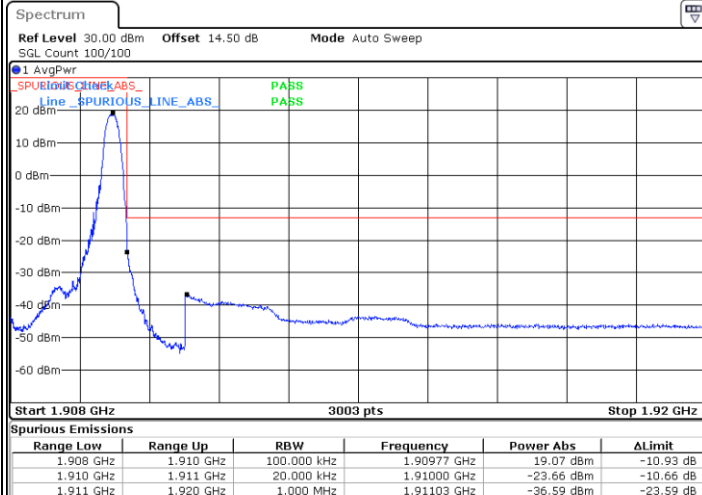
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



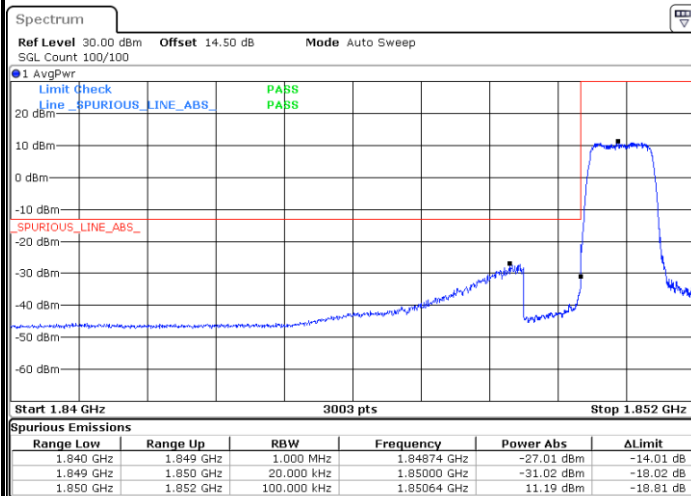
Date: 29 DEC 2025 17:22:23

Highest Band Edge / 1 RB



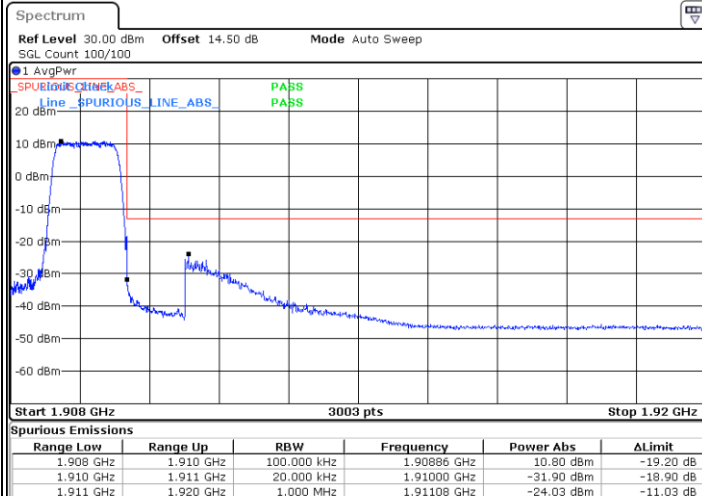
Date: 29 DEC 2025 17:31:30

Lowest Band Edge / Full RB



Date: 29 DEC 2025 17:26:17

Highest Band Edge / Full RB

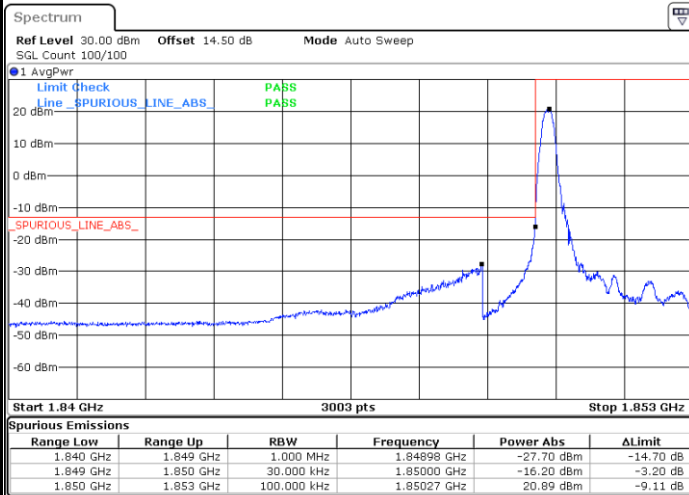


Date: 29 DEC 2025 17:35:24



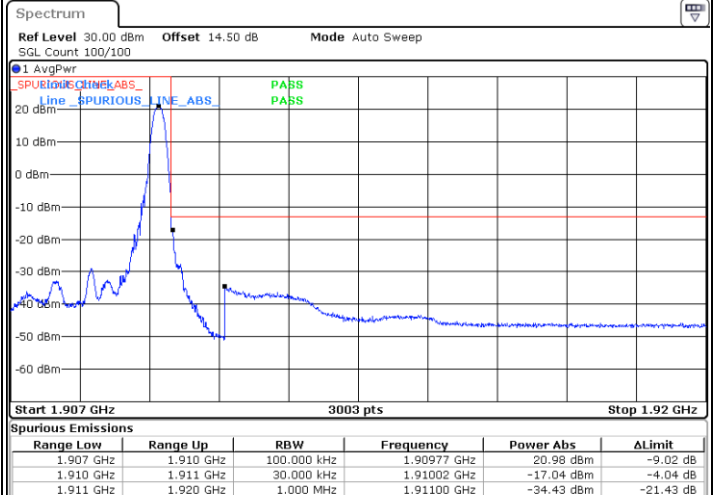
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



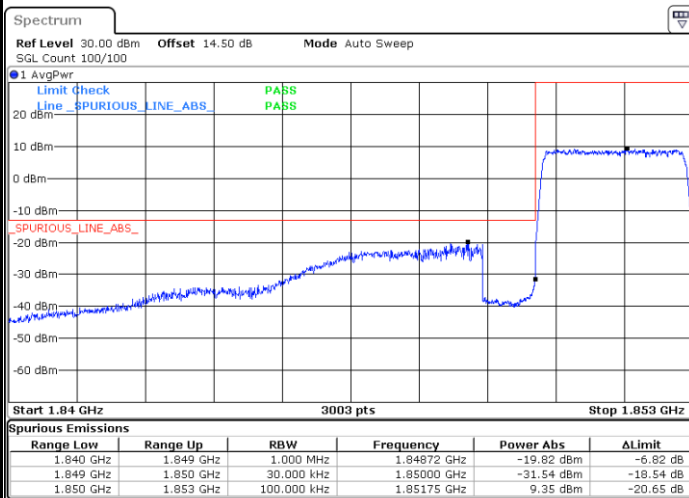
Date: 29 DEC 2025 19:11:01

Highest Band Edge / 1RB



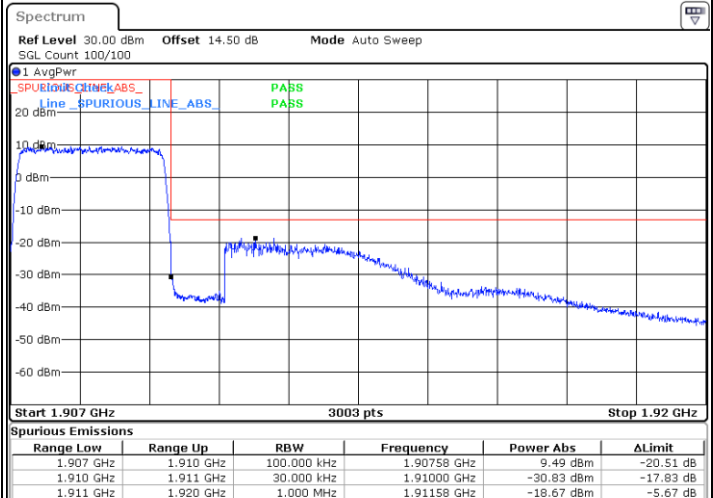
Date: 30 DEC 2025 21:23:59

Lowest Band Edge / Full RB



Date: 29 DEC 2025 19:14:56

Highest Band Edge / Full RB

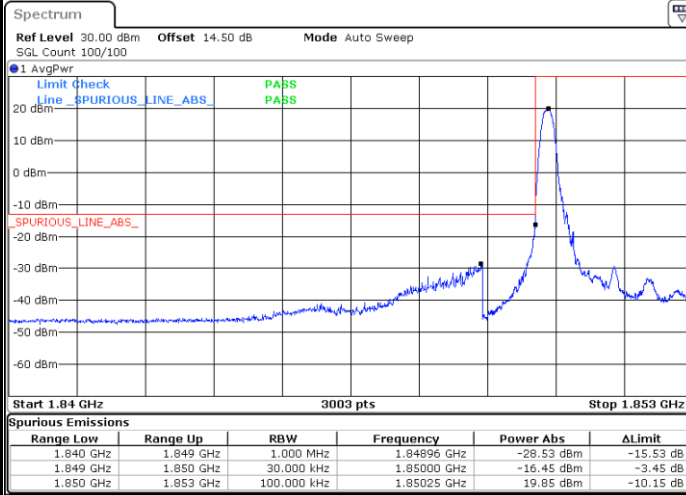


Date: 30 DEC 2025 21:26:40

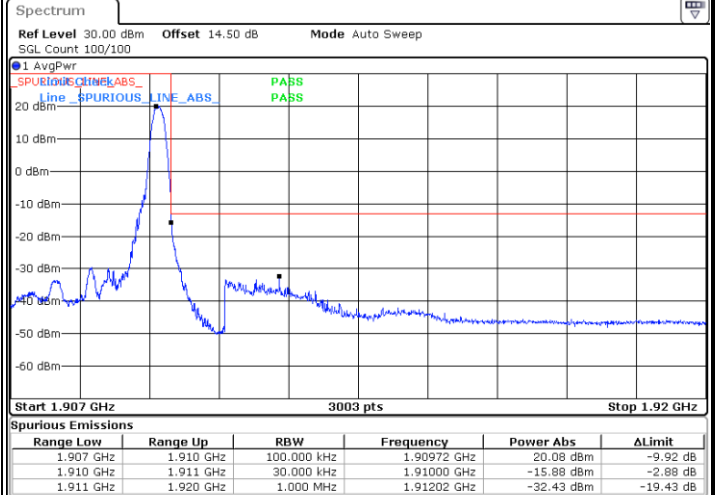


LTE Band 2 / 3MHz / 16QAM

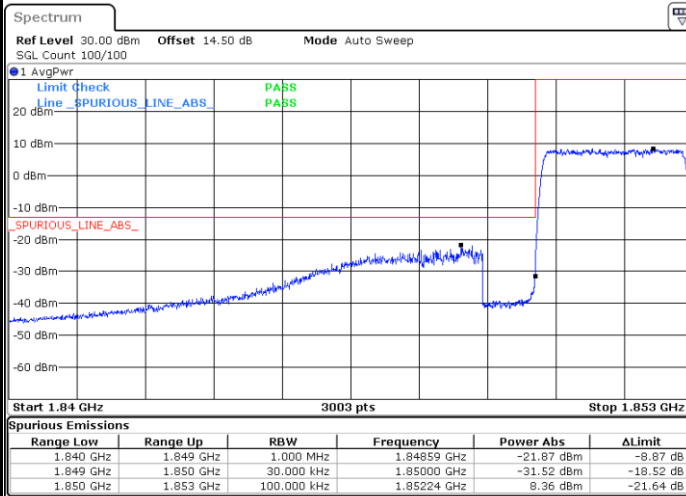
Lowest Band Edge / 1 RB



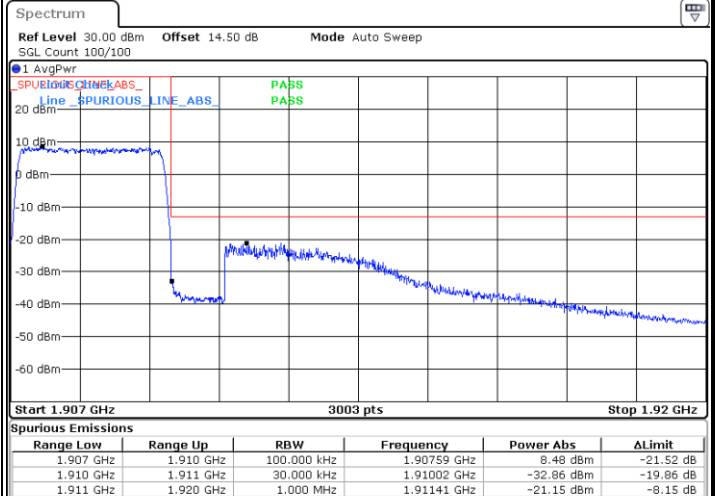
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



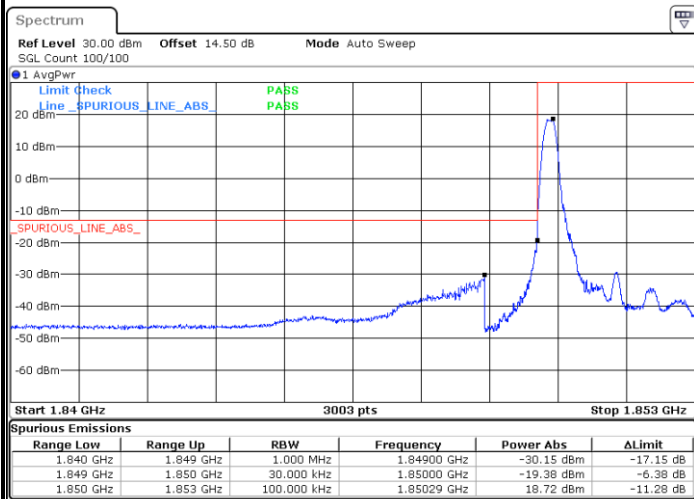
Highest Band Edge / Full RB





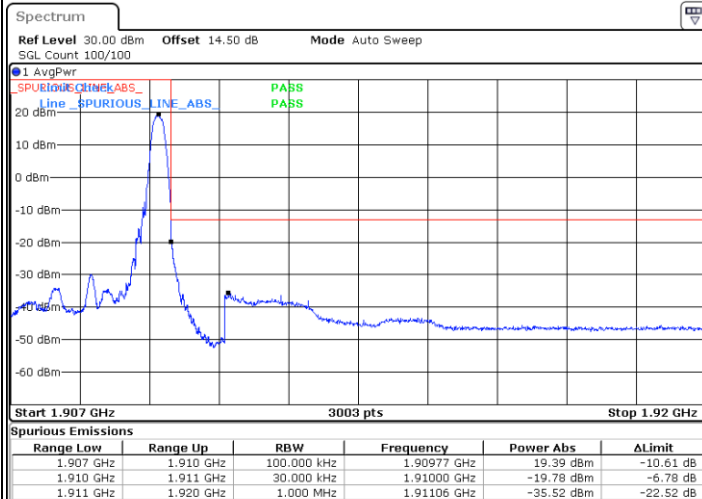
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



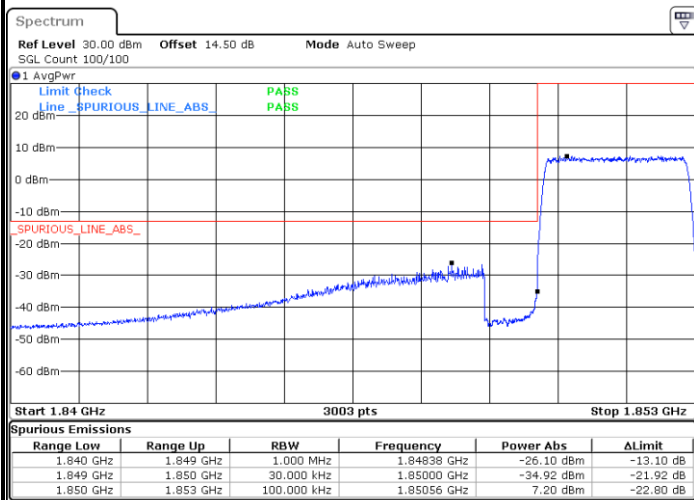
Date: 29 DEC 2025 19:12:49

Highest Band Edge / 1 RB



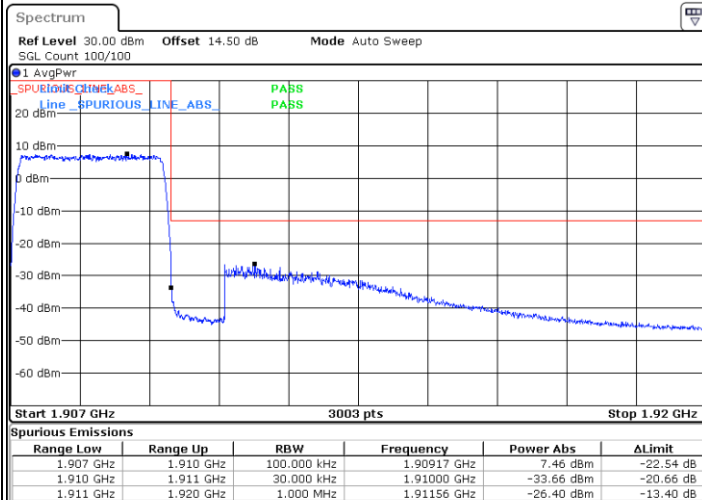
Date: 30 DEC 2025 21:25:46

Lowest Band Edge / Full RB



Date: 30 DEC 2025 21:20:34

Highest Band Edge / Full RB

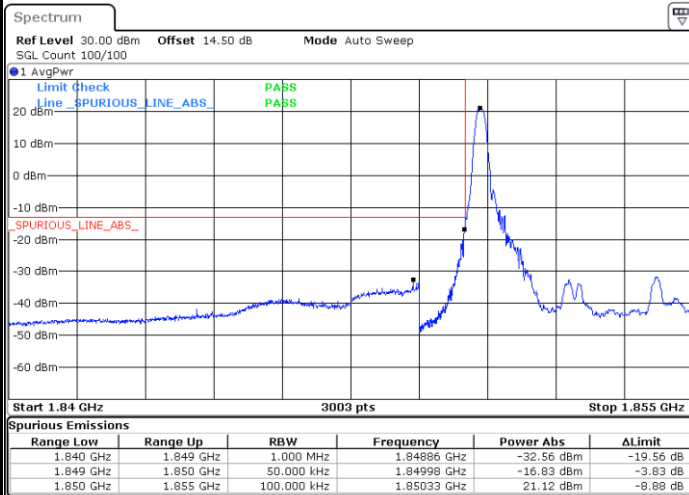


Date: 30 DEC 2025 21:28:27



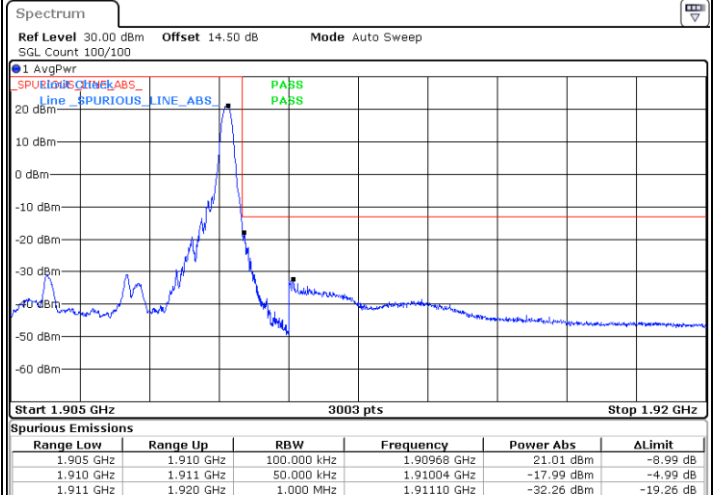
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB



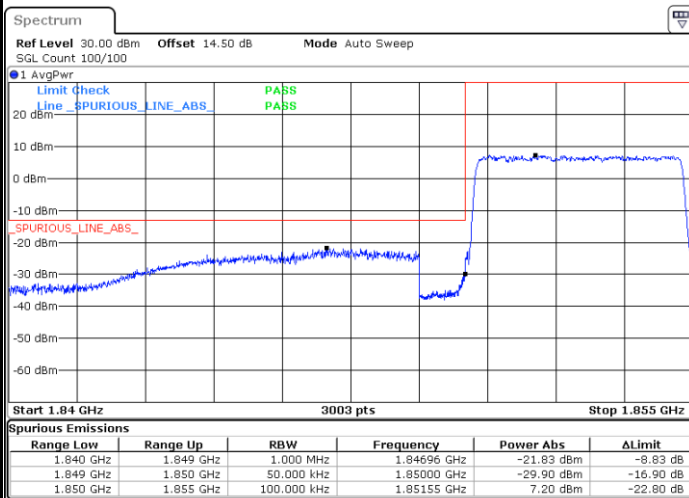
Date: 30 DEC 2025 21:31:15

Highest Band Edge / 1RB



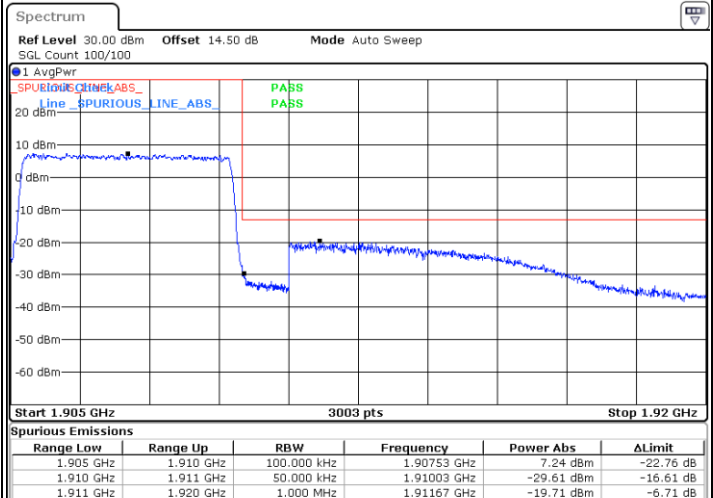
Date: 30 DEC 2025 21:40:22

Lowest Band Edge / Full RB



Date: 30 DEC 2025 21:35:08

Highest Band Edge / Full RB

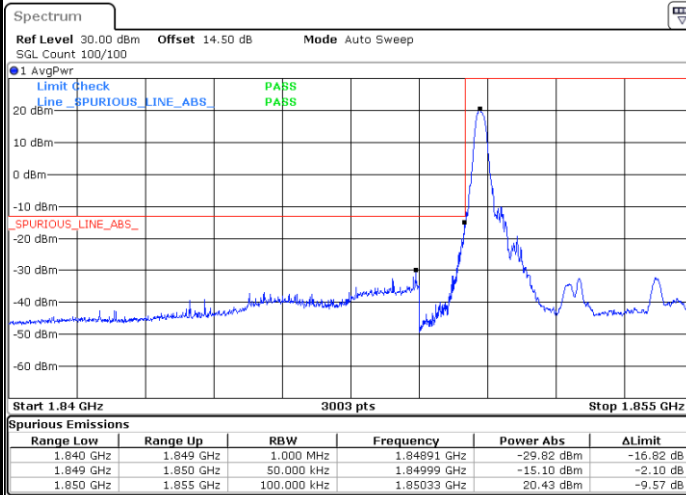


Date: 30 DEC 2025 21:43:02

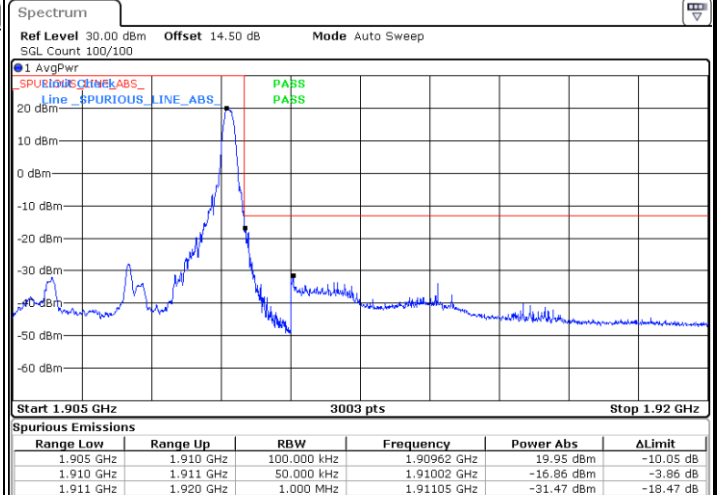


LTE Band 2 / 5MHz / 16QAM

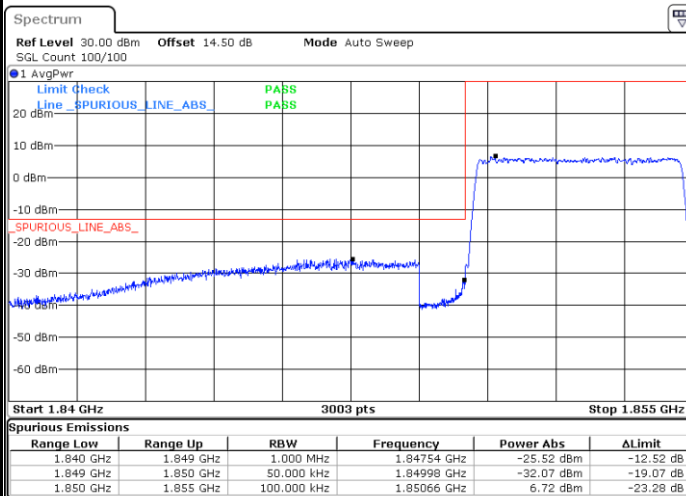
Lowest Band Edge / 1 RB



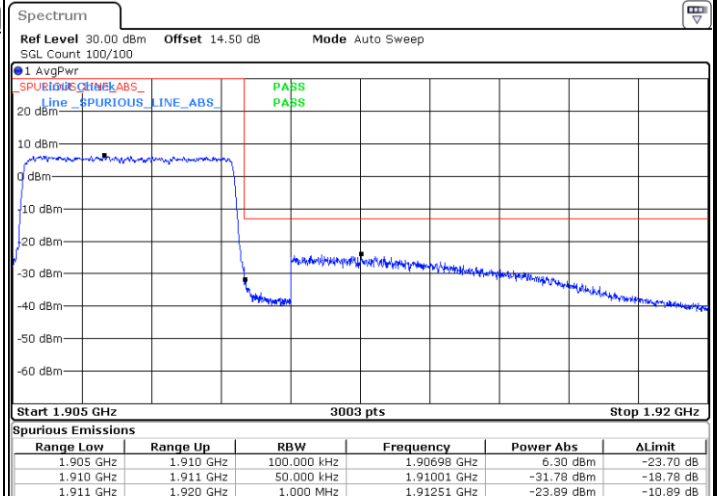
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



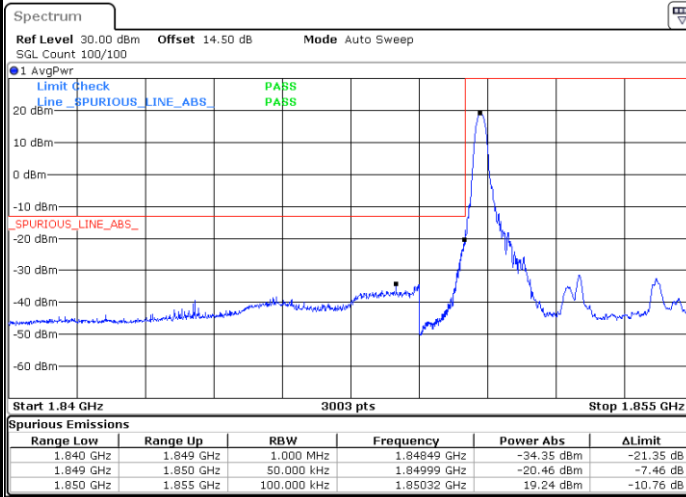
Highest Band Edge / Full RB





LTE Band 2 / 5MHz / 64QAM

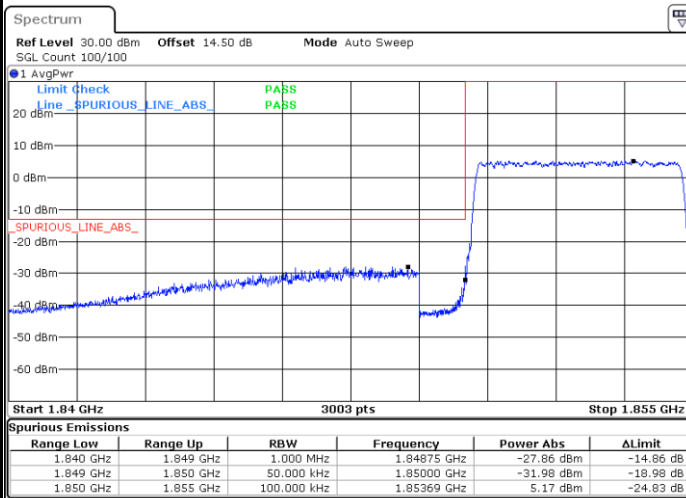
Lowest Band Edge / 1 RB



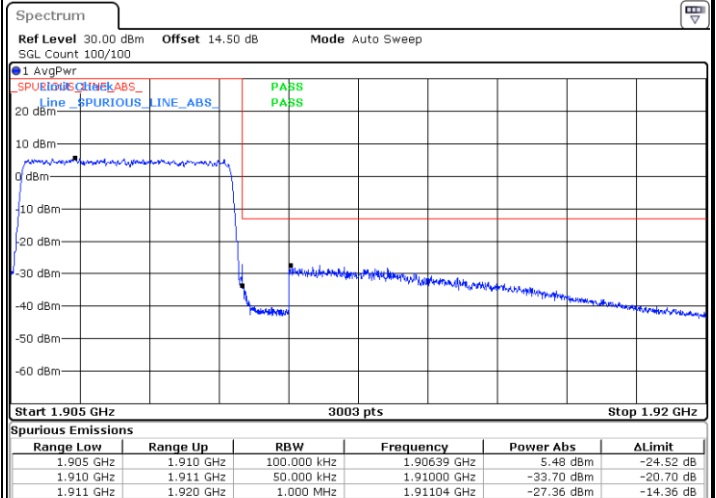
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



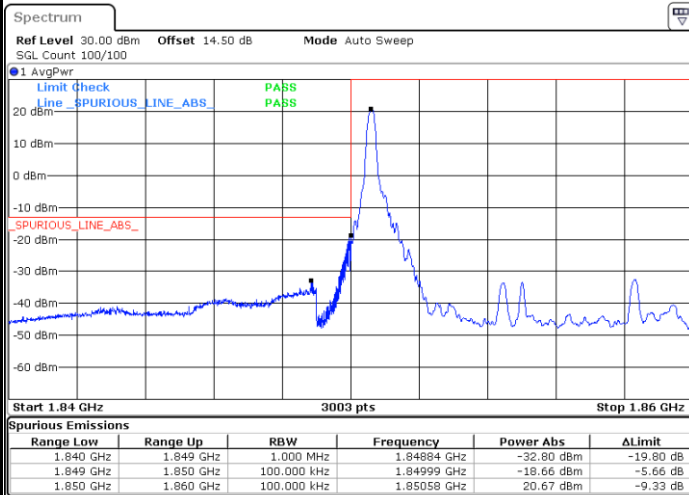
Highest Band Edge / Full RB





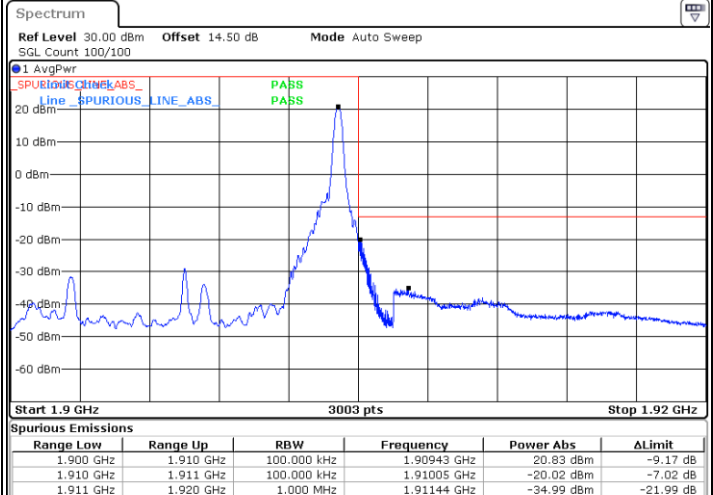
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB



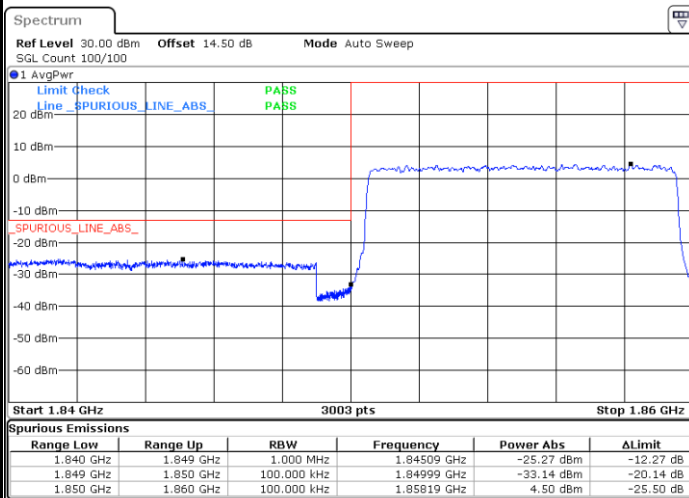
Date: 30 DEC 2025 22:03:01

Highest Band Edge / 1RB



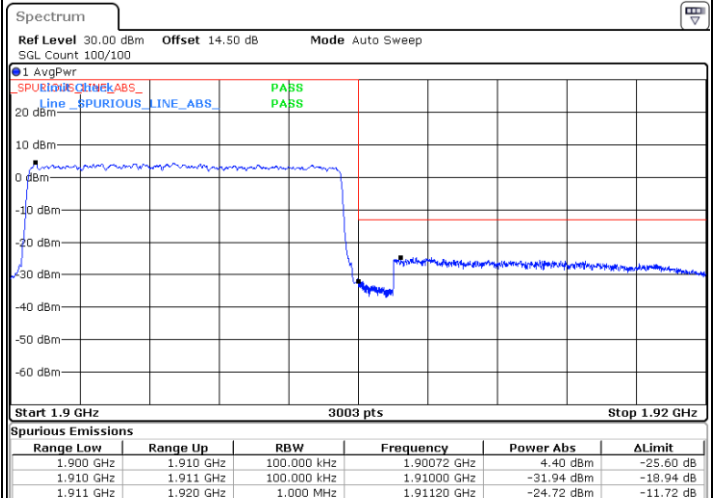
Date: 30 DEC 2025 22:12:43

Lowest Band Edge / Full RB



Date: 30 DEC 2025 22:05:52

Highest Band Edge / Full RB

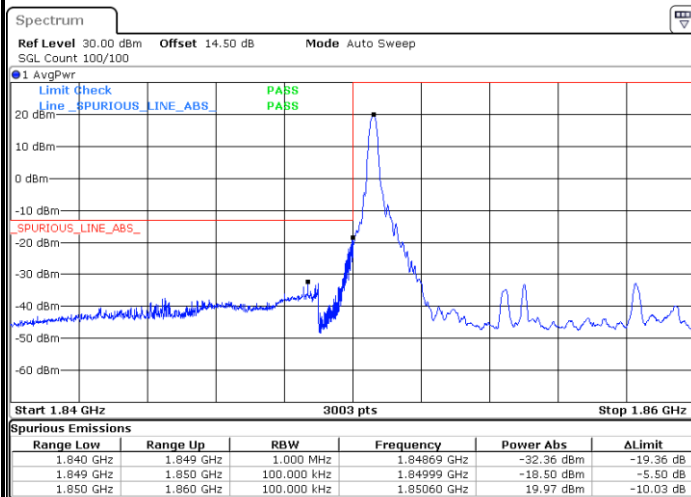


Date: 30 DEC 2025 22:15:34

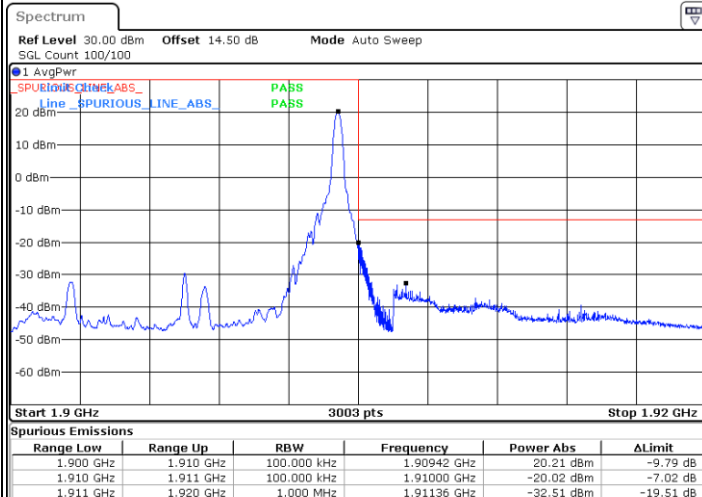


LTE Band 2 / 10MHz / 16QAM

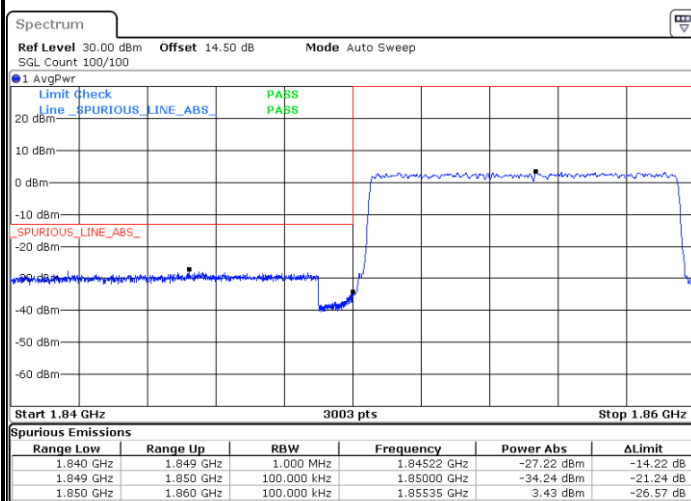
Lowest Band Edge / 1 RB



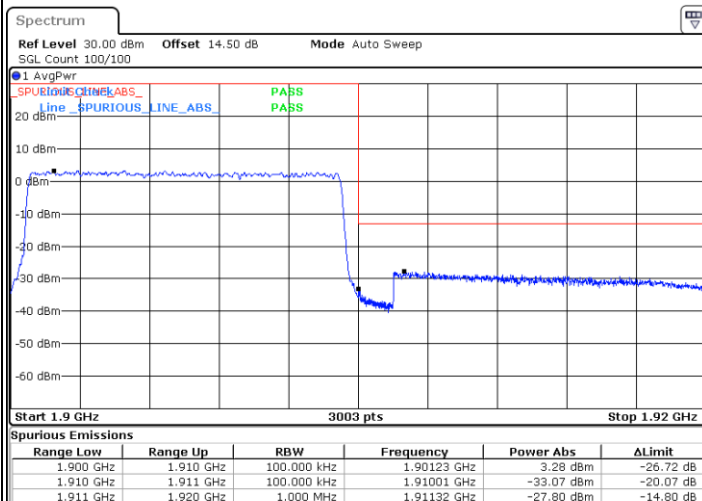
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



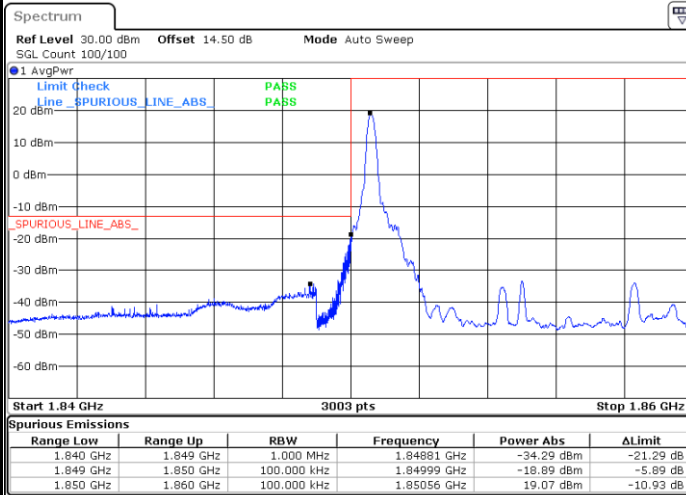
Highest Band Edge / Full RB



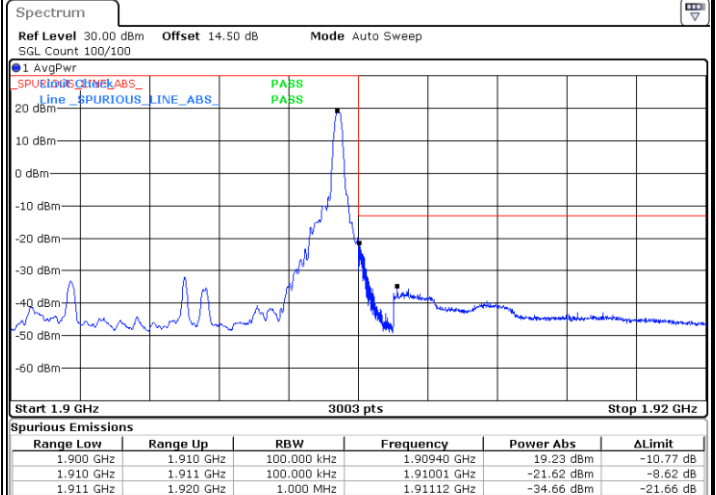


LTE Band 2 / 10MHz / 64QAM

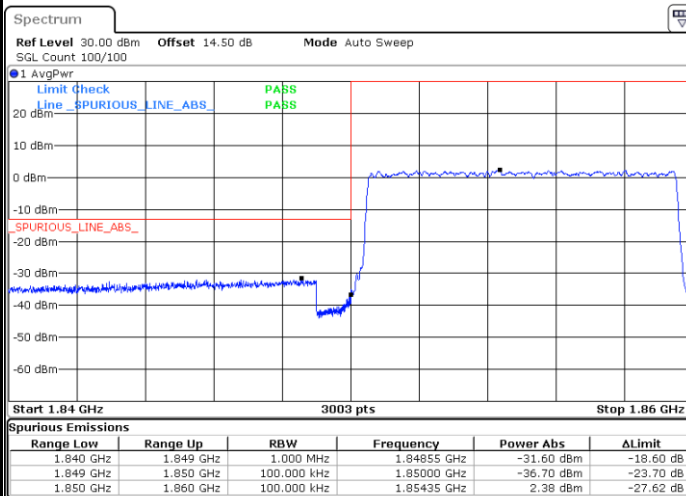
Lowest Band Edge / 1 RB



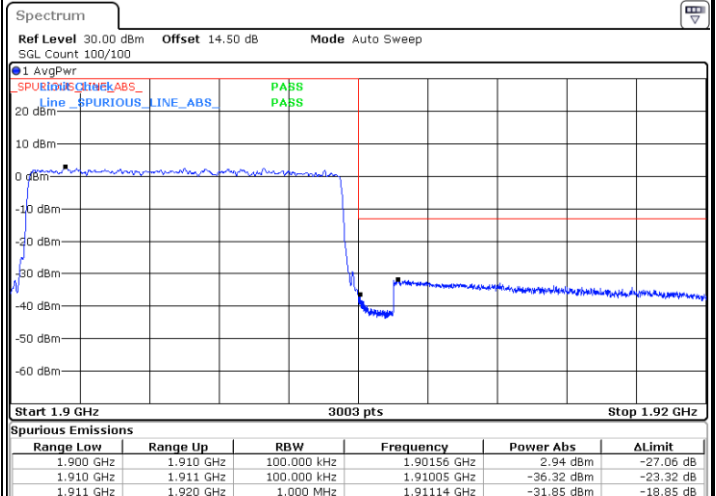
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



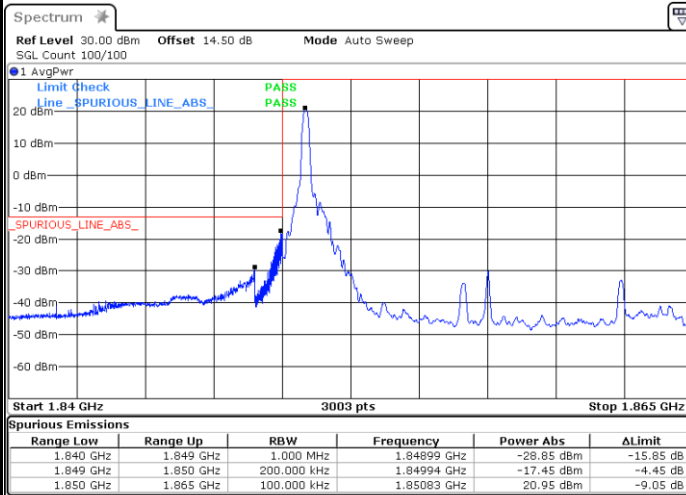
Highest Band Edge / Full RB





LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB



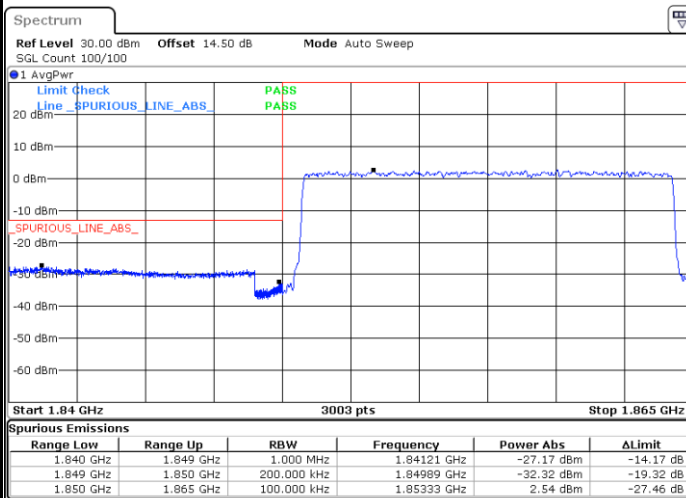
Date: 15.JAN.2026 08:46:31

Highest Band Edge / 1RB



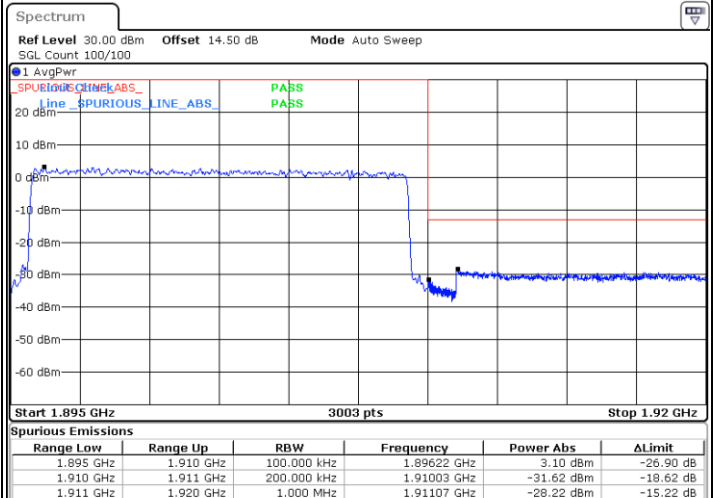
Date: 30.DEC.2025 22:54:16

Lowest Band Edge / Full RB



Date: 30.DEC.2025 22:47:26

Highest Band Edge / Full RB

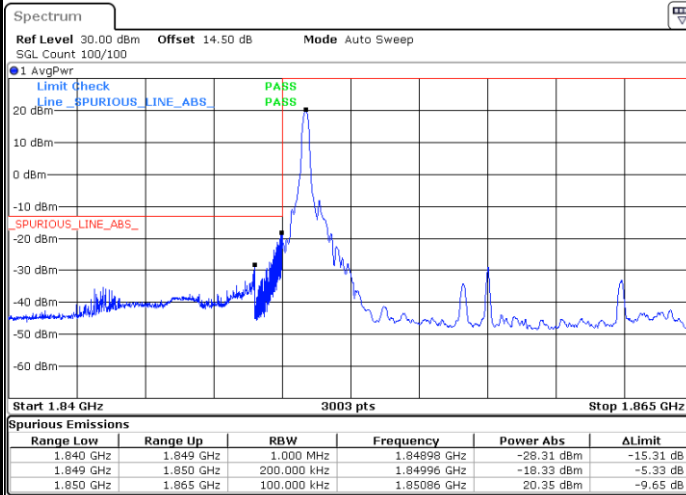


Date: 30.DEC.2025 22:57:08

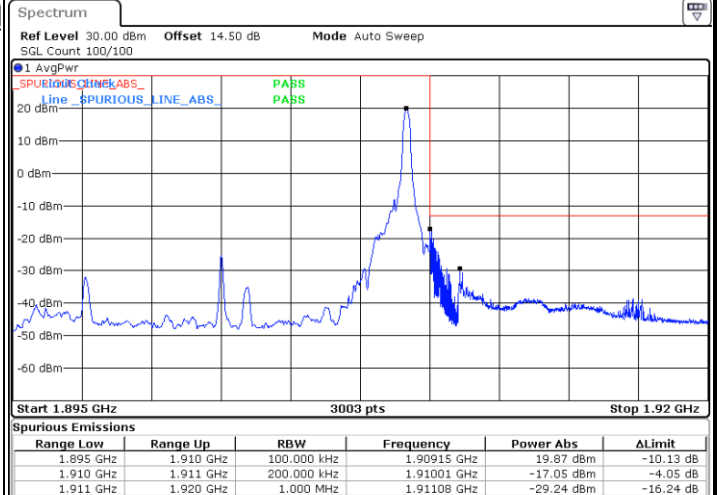


LTE Band 2 / 15MHz / 16QAM

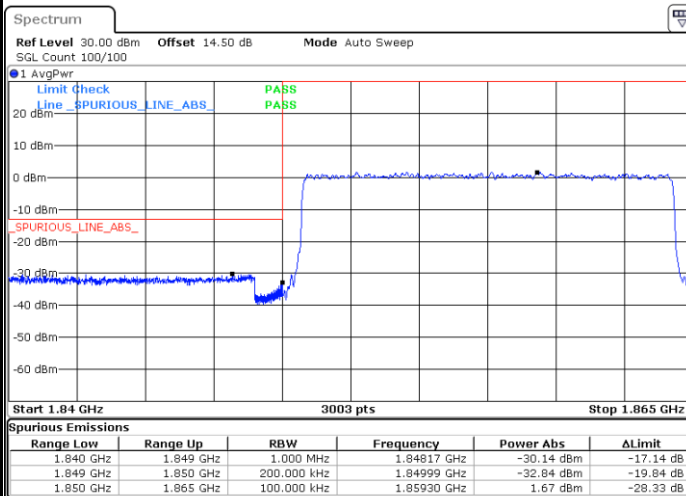
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

