



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2527-2
FCC ID : IHDT56AV4
STANDARD : 47 CFR Part 24(E), 27(M), 27(N)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Apr. 03, 2025 ~ Apr. 28, 2025

We, Sporton International Inc. (Kunshan), 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.

This report contains data that were produced under subcontract by Sporton International Inc. (Shenzhen).

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

Jason Jia

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SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§27.50(c)(10)	Effective Radiated Power (Band 71)	ERP < 3 Watt	PASS	-
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 38) (Band 41)	EIRP < 2Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §24.238(a) §27.53(g)	Conducted Band Edge Measurement (Band 2) (Band 71)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (Band 38) (Band 41)	§27.53(m)(4)		
3.8	§2.1051 §24.238(a) §27.53(g)	Conducted Spurious Emission (Band 2) (Band 71)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		
3.9	§2.1055 §24.235 §27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §24.238(a) §27.53(g)	Radiated Spurious Emission (Band 2) (Band 71)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 25.03 dB at 10336.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		

Conformity Assessment Condition:

- 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.
- 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

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2527-2
FCC ID	IHDT56AV4
IMEI Code	Conducted: 258674600017032/258674600017001 Radiation: 358674600016810/358674600016828
HW Version	DVT2
SW Version	V2VN35.50
EUT Stage	Identical Prototype



1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz LTE Band 71: 663 MHz ~ 698 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz LTE Band 71: 617 MHz ~ 652 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT0>: LTE Band 71 : 22.82 dBm <ANT1>: LTE Band 2 : 22.87 dBm LTE Band 38 : 23.03 dBm LTE Band 38C : 23.09 dBm LTE Band 41 : 25.90 dBm LTE CA_41C : 25.86 dBm <ANT4>: LTE Band 2 : 22.44 dBm LTE Band 38 : 22.96 dBm LTE Band 38C : 22.99 dBm LTE Band 41 : 25.91 dBm LTE CA_41C : 25.77 dBm LTE Band 71 : 22.75 dBm
Antenna Gain	<ANT0>: LTE Band 71 : -5.7 dBi <ANT1>: LTE Band 2 : -3.1 dBi LTE Band 38 : -2.3 dBi LTE Band 41 : -2.3 dBi <ANT4>: LTE Band 2 : -3.9 dBi LTE Band 38 : -2.1 dBi LTE Band 41 : -2.1 dBi LTE Band 71 : -5.7 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 4 for LTE Band 38/38C/41/41C and Antenna 1 for LTE Band 2 and Antenna 0 for LTE Band 71 are shown in the report.
2. LTE Band 41/41C supports HPUE(PC2) mode.
3. The device supports two PAs for LTE Band 38/41, (main PA, and other PA only support NSA mode), both the PAs are full tested, only the worst EIRP are shown in the report. According to the maximum power, LTE B41 covers B38 for other PA.



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	0.0942	1M09G7D	0.0748	1M08W7D
3	1851.5 ~ 1908.5	0.0944	2M72G7D	0.0818	2M71W7D
5	1852.5 ~ 1907.5	0.0944	4M48G7D	0.0813	4M50W7D
10	1855.0 ~ 1905.0	0.0944	9M07G7D	0.0836	9M03W7D
15	1857.5 ~ 1902.5	0.0938	13M6G7D	0.0834	13M5W7D
20	1860.0 ~ 1900.0	0.0948	17M9G7D	0.0824	17M9W7D
LTE Band 38		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.1191	4M50G7D	0.0951	4M51W7D
10	2575.0 ~ 2615.0	0.1211	9M07G7D	0.0940	9M03W7D
15	2577.5 ~ 2612.5	0.1202	13M4G7D	0.0940	13M5W7D
20	2580.0 ~ 2610.0	0.1219	17M9G7D	0.0964	17M9W7D
LTE Band 41		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.2333	4M50G7D	0.1879	4M51W7D
10	2501.0 ~ 2685.0	0.2333	9M07G7D	0.1828	9M03W7D
15	2503.5 ~ 2682.5	0.2333	13M4G7D	0.1888	13M5W7D
20	2506.0 ~ 2680.0	0.2404	17M9G7D	0.1871	17M9W7D



LTE Band 71		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	665.5 ~ 695.5	0.0305	4M48G7D	0.0265	4M50W7D
10	668.0 ~ 693.0	0.0306	8M99G7D	0.0264	9M01W7D
15	670.5 ~ 690.5	0.0308	13M4G7D	0.0265	13M5W7D
20	673.0 ~ 688.0	0.0314	17M9G7D	0.0273	17M9W7D

LTE Band 38 CA		QPSK		16QAM/64QAM/256QAM	
BW (MHz)		Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
15MHz+15MHz		0.1167	28M8G7D	0.1180	28M4W7D
20MHz+20MHz		0.1227	37M6G7D	0.1052	37M7W7D

LTE Band 41 CA		QPSK		16QAM/64QAM/256QAM	
BW (MHz)		Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz		0.2198	23M3G7D	0.1963	23M2W7D
10MHz+20MHz		0.2198	27M9G7D	0.1968	28M2W7D
10MHz+15MHz		0.2223	23M6G7D	0.1977	23M4W7D
15MHz+15MHz		0.2208	28M8G7D	0.1986	28M4W7D
15MHz+20MHz		0.2223	32M9G7D	0.1959	32M9W7D
15MHz+10MHz		0.2198	23M6G7D	0.1963	23M5W7D
20MHz+5MHz		0.2223	23M3G7D	0.1972	23M3W7D
20MHz+10MHz		0.2218	28M3G7D	0.1963	28M1W7D
20MHz+15MHz		0.2198	32M6G7D	0.1968	33M2W7D
20MHz+20MHz		0.2328	37M6G7D	0.2070	37M7W7D

Note:

1. LTE Band 41 overlaps the entire frequency range of LTE Band 38. Therefore, the test results provided in this report covers Band 41 as well as Band 38.
2. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.



1.7 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-KS	CN1257	314309

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.
	03CH02-SZ	CN1256	421272

Test data subcontracted: Radiated Spurious Emission test case in section 4.4 of this report.

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	TH01-KS	SPORTON	FCC LTE_Ver2.0 Auto_china_210503	2.0
2.	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 24(E), 27(M), 27(N)
- 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.

1.10 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-331L
AC Adapter 1(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-332L
AC Adapter 1(UK)	Brand Name	Motorola(Salcomp)	Model Name	MC-333L
AC Adapter 1(AU)	Brand Name	Motorola(Salcomp)	Model Name	MC-335L
AC Adapter 1(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-336L
AC Adapter 1(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-337L
AC Adapter 2(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331L
AC Adapter 2(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332L
AC Adapter 2(UK)	Brand Name	Motorola(Chenyang)	Model Name	MC-333L
AC Adapter 2(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336L
AC Adapter 2(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337L
Battery 1	Brand Name	Motorola(NVT)	Model Name	RA52
Battery 2	Brand Name	Motorola(SUNWODA)	Model Name	RA52
USB Cable 1	Brand Name	Motorola(Washin)	Model Name	HX-ZN-34
USB Cable 2	Brand Name	Motorola(Juwei)	Model Name	JWUB1928-ZN01H
Earphone	Brand Name	Motorola (Juwei)	Model Name	ZN80400118H001



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

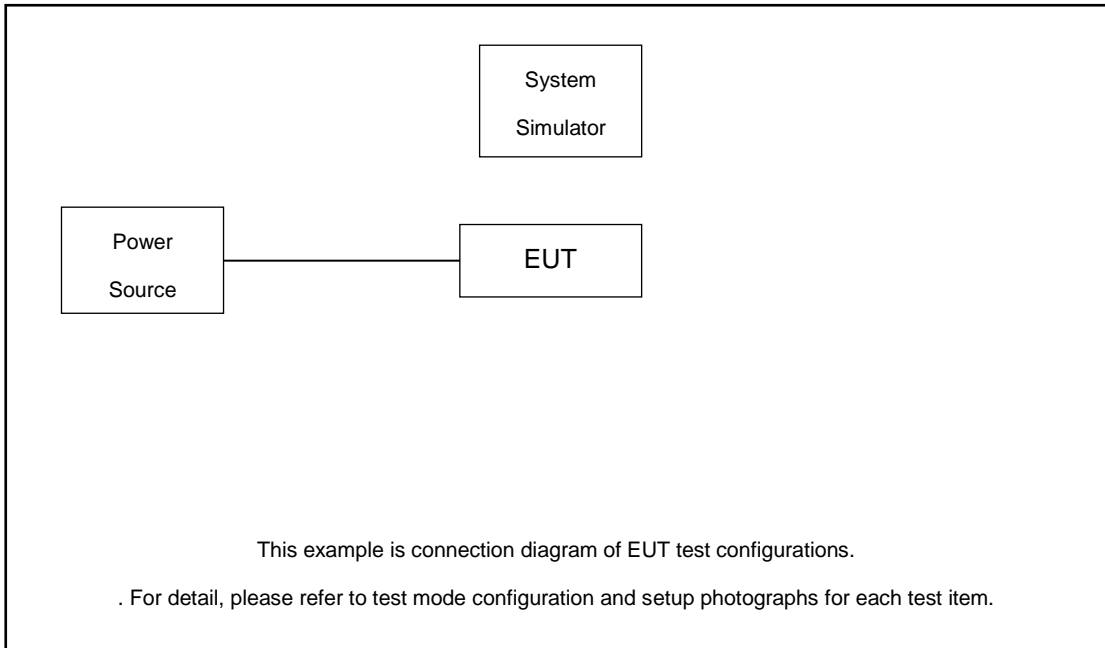
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel			
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H	
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
Peak-to-Ave rage Ratio	2						v	v	v	v	v			v		v		
	41	-	-				v	v	v	v	v			v		v		
	71	-	-				v	v	v	v	v			v		v		
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v					v		v		
	41	-	-	v	v	v	v	v	v					v		v		
	71	-	-	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		v	
	41	-	-	v	v	v	v	v	v	v	v	v		v	v		v	
	71	-	-	v	v	v	v	v	v	v	v	v		v	v		v	
Conducted Spurious Emission	2	v	v	v	v	v	v	v					v		v	v	v	
	41	-	-	v	v	v	v	v					v		v	v	v	
	71	-	-	v	v	v	v	v					v		v	v	v	
Frequency Stability	2				v			v						v		v		
	41	-	-		v			v						v		v		
	71	-	-		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	
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	
Radiated Spurious Emission	2	Worst Case															v	
	41	Worst Case															v	
	71	Worst Case															v	



Note	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. 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.
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Test Items	Band	Bandwidth (MHz)										Modulation			RB #			Test Channel			
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v	v	v	v	v	v	v	v	v
	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	41C_CA	v	v	v	v	v	v	v	v	v	v	v								v	
Conducted Band Edge	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v	v
Conducted Spurious Emission	41C_CA	v	v	v	v	v	v	v	v	v	v					v			v	v	v
E.I.R.P.	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v	v	v	v	v	v	v	v	v
	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	41C_CA	Worst Case																		v	
Note	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 																				

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

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 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.

$$\text{Offset} = \text{RF cable loss} .$$

Following shows an offset computation example with cable loss 5.4 dB.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 5.4 \text{ (dB)} \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

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

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



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

LTE Band 38C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest	
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

LTE Band 41C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest	
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0



20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7

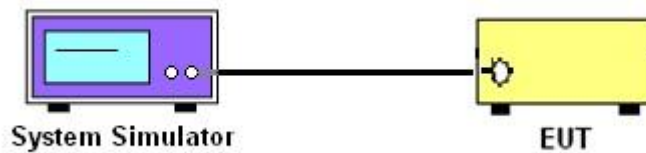
3 Conducted Test Items

3.1 Measuring Instruments

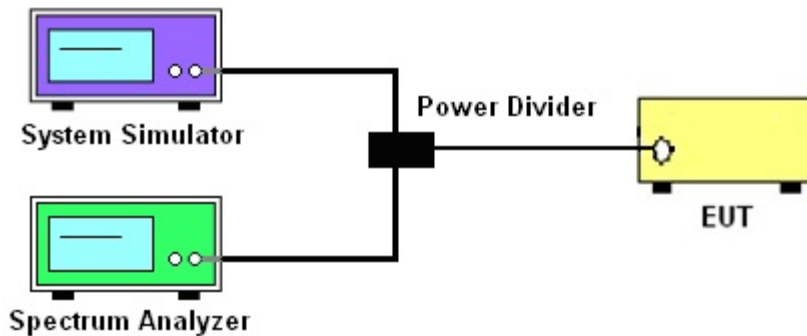
See list of measuring instruments of this test report.

3.2 Test Setup

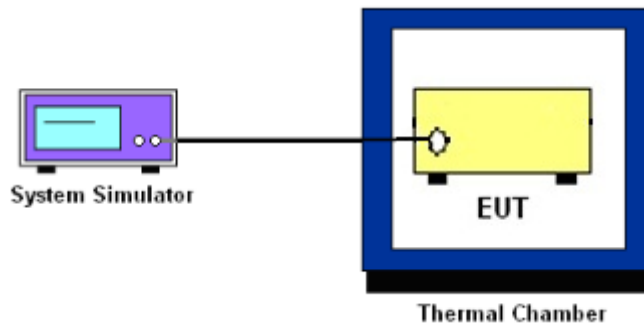
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.



3.4 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 71.

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

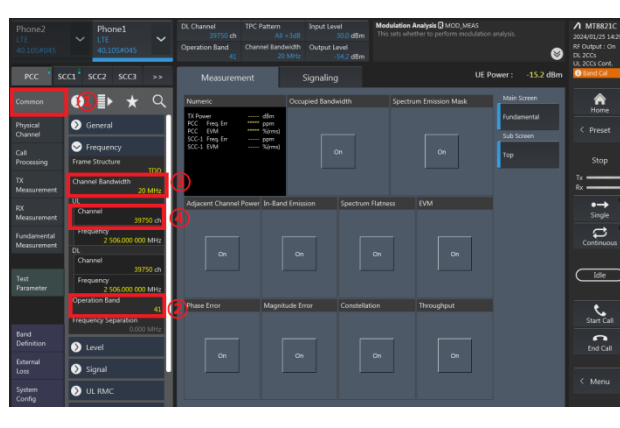
3.4.2 Test Procedures

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

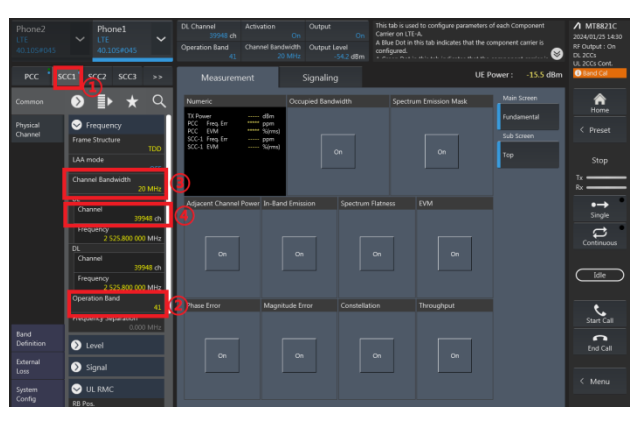
3.4.3 Test Procedures for LTE ULCA

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

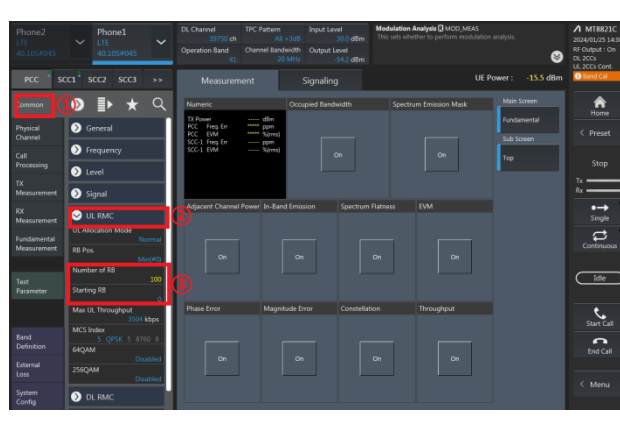
PCC config_(Channel Bandwidth / Channel / Band)



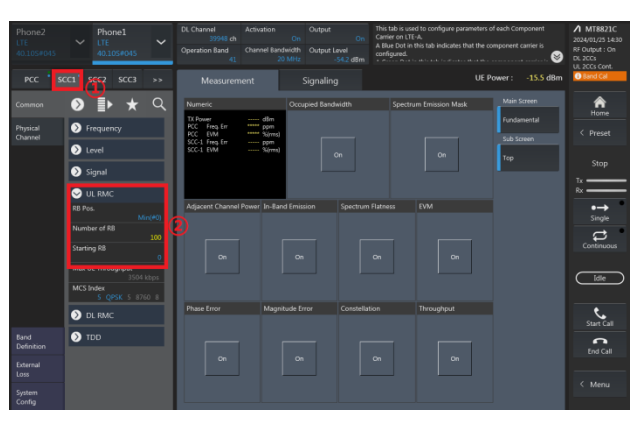
SCC config_(Channel Bandwidth / Channel / Band)



PCC config_(Number of RB / Starting RB)

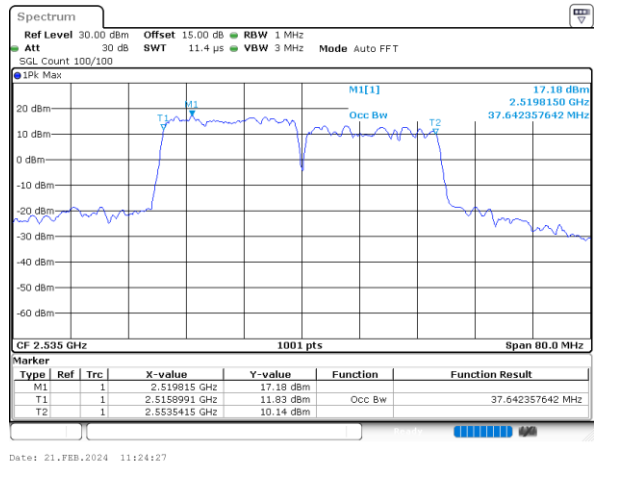


SCC config_(Number of RB / Starting RB)

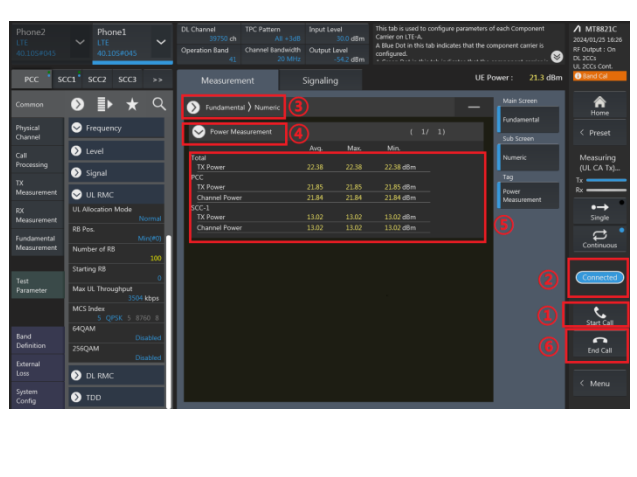


4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

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



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





3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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



3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

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



3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

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(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 that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.



3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW \geq 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used and the measured power was integrated over the full required measurement bandwidth of 1 MHz.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

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

9. For LTE Band 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.



3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

For Band 38,41:

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

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.
11. For Band 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.



3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

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.

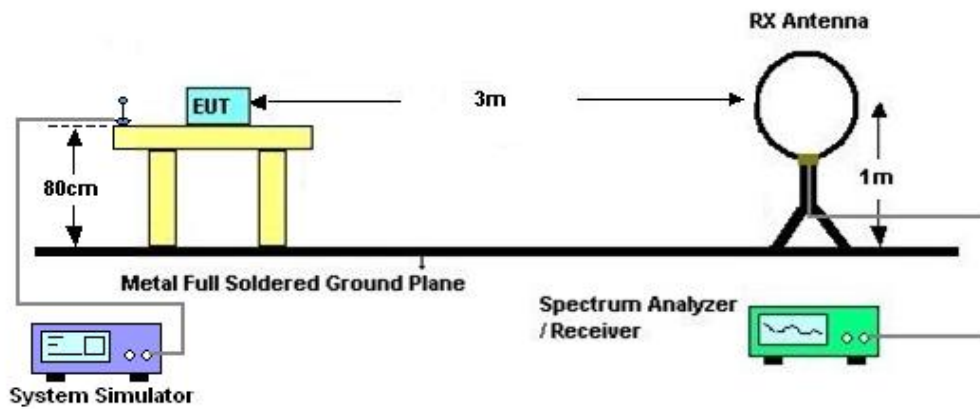
4 Radiated Test Items

4.1 Measuring Instruments

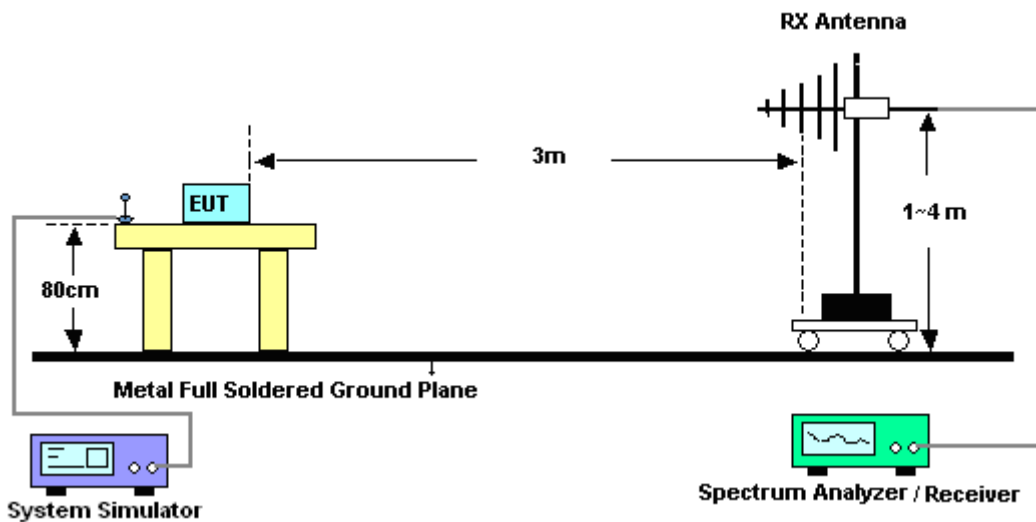
See list of measuring instruments of this test report.

4.2 Test Setup

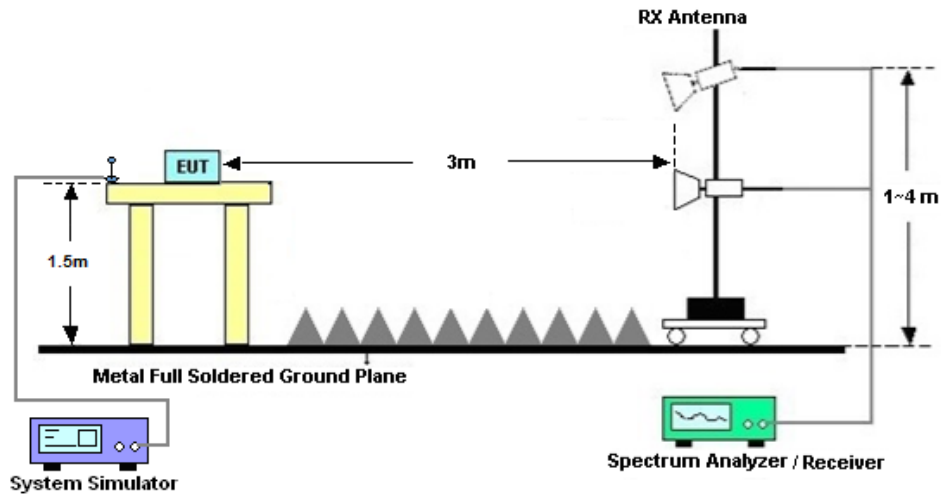
4.2.1 For radiated test below 30MHz



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 38, 41

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

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

4.4.2 Test Procedures

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

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

13. For Band 38, 41:

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



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 10, 2024	Apr. 03, 2025~ Apr. 28, 2025	Oct. 09, 2025	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Apr. 03, 2025~ Apr. 28, 2025	NCR	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 04, 2024	Apr. 03, 2025~ Apr. 28, 2025	Jul. 03, 2025	Conducted (TH01-KS)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Apr. 11, 2025~ Apr. 16, 2025	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Apr. 11, 2025~ Apr. 16, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Apr. 11, 2025~ Apr. 16, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Apr. 11, 2025~ Apr. 16, 2025	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Apr. 11, 2025~ Apr. 16, 2025	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 08, 2025	Apr. 11, 2025~ Apr. 16, 2025	Apr. 07, 2026	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Apr. 11, 2025~ Apr. 16, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Apr. 11, 2025~ Apr. 16, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Apr. 11, 2025~ Apr. 16, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Apr. 11, 2025~ Apr. 16, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Apr. 11, 2025~ Apr. 16, 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	±2.22 dB
Occupied Channel Bandwidth	±0.1%
Conducted Power	±0.50 dB
Peak to Average Ratio	±0.90 dB
Frequency Stability	±0.04 ppm

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 (1 GHz ~ 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 :	Smile Wang	Temperature :	22~23°C
		Relative Humidity :	40~42%

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 2_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	EIRP(W)		
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	L	M	H
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	22.80	22.87	22.74	0.0933	0.0948	0.0920
20	QPSK	1	49	22.85	22.77	22.79	0.0944	0.0927	0.0931
20	QPSK	1	99	22.70	22.78	22.76	0.0912	0.0929	0.0925
20	QPSK	50	0	21.88	21.91	21.80	0.0755	0.0760	0.0741
20	QPSK	50	24	21.84	21.89	21.90	0.0748	0.0757	0.0759
20	QPSK	50	50	21.81	21.84	21.77	0.0743	0.0748	0.0736
20	QPSK	100	0	21.87	21.90	21.73	0.0753	0.0759	0.0729
20	16QAM	1	0	22.11	22.17	22.16	0.0796	0.0807	0.0805
20	16QAM	1	49	22.21	22.26	22.13	0.0815	0.0824	0.0800
20	16QAM	1	99	22.07	22.20	22.26	0.0789	0.0813	0.0824
20	16QAM	50	0	20.74	20.86	20.89	0.0581	0.0597	0.0601
20	16QAM	50	24	20.73	20.94	20.81	0.0579	0.0608	0.0590
20	16QAM	50	50	20.76	20.84	20.95	0.0583	0.0594	0.0610
20	16QAM	100	0	20.89	20.85	20.88	0.0601	0.0596	0.0600
20	64QAM	1	0	20.68	20.83	20.83	0.0573	0.0593	0.0593
20	64QAM	1	49	20.79	20.97	20.72	0.0587	0.0612	0.0578
20	64QAM	1	99	20.67	20.79	21.02	0.0571	0.0587	0.0619
20	64QAM	50	0	19.74	19.85	19.83	0.0461	0.0473	0.0471
20	64QAM	50	24	19.70	19.90	19.90	0.0457	0.0479	0.0479
20	64QAM	50	50	19.82	19.74	20.00	0.0470	0.0461	0.0490
20	64QAM	100	0	19.88	19.79	19.93	0.0476	0.0467	0.0482
20	256QAM	1	0	17.77	17.87	18.00	0.0293	0.0300	0.0309
20	256QAM	1	49	17.78	17.92	17.73	0.0294	0.0303	0.0290
20	256QAM	1	99	17.64	17.94	17.91	0.0284	0.0305	0.0303
20	256QAM	50	0	17.80	17.86	17.76	0.0295	0.0299	0.0292
20	256QAM	50	24	17.88	17.84	17.91	0.0301	0.0298	0.0303
20	256QAM	50	50	17.88	17.84	17.91	0.0301	0.0298	0.0303
20	256QAM	100	0	17.84	17.76	17.98	0.0298	0.0292	0.0308
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H



15	QPSK	1	0	22.74	22.77	22.75	0.0920	0.0927	0.0923
15	QPSK	1	37	22.78	22.82	22.77	0.0929	0.0938	0.0927
15	QPSK	1	74	22.78	22.76	22.62	0.0929	0.0925	0.0895
15	QPSK	36	0	21.97	21.79	21.66	0.0771	0.0740	0.0718
15	QPSK	36	20	21.73	21.96	21.89	0.0729	0.0769	0.0757
15	QPSK	36	39	21.69	21.81	21.64	0.0723	0.0743	0.0714
15	QPSK	75	0	21.75	21.93	21.62	0.0733	0.0764	0.0711
15	16QAM	1	0	21.99	22.04	22.03	0.0774	0.0783	0.0782
15	16QAM	1	37	22.14	22.26	22.13	0.0802	0.0824	0.0800
15	16QAM	1	74	22.15	22.08	22.31	0.0804	0.0791	0.0834
15	16QAM	36	0	20.71	20.88	20.82	0.0577	0.0600	0.0592
15	16QAM	36	20	20.63	20.81	20.83	0.0566	0.0590	0.0593
15	16QAM	36	39	20.68	20.85	20.81	0.0573	0.0596	0.0590
15	16QAM	75	0	20.85	20.85	20.89	0.0596	0.0596	0.0601
15	64QAM	1	0	20.77	20.73	20.76	0.0585	0.0579	0.0583
15	64QAM	1	37	20.78	20.95	20.60	0.0586	0.0610	0.0562
15	64QAM	1	74	20.70	20.72	21.06	0.0575	0.0578	0.0625
15	64QAM	36	0	19.82	19.73	19.77	0.0470	0.0460	0.0465
15	64QAM	36	20	19.69	19.94	19.98	0.0456	0.0483	0.0488
15	64QAM	36	39	19.89	19.76	19.93	0.0478	0.0463	0.0482
15	64QAM	75	0	19.85	19.68	19.82	0.0473	0.0455	0.0470
15	256QAM	1	0	17.76	17.83	17.94	0.0292	0.0297	0.0305
15	256QAM	1	37	17.83	17.82	17.66	0.0297	0.0296	0.0286
15	256QAM	1	74	17.56	17.96	17.96	0.0279	0.0306	0.0306
15	256QAM	36	0	17.73	17.81	17.71	0.0290	0.0296	0.0289
15	256QAM	36	20	17.91	17.88	17.91	0.0303	0.0301	0.0303
15	256QAM	36	39	17.75	17.89	17.90	0.0292	0.0301	0.0302
15	256QAM	75	0	17.81	17.79	18.01	0.0296	0.0294	0.0310
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.66	22.82	22.74	0.0904	0.0938	0.0920
10	QPSK	1	25	22.85	22.69	22.85	0.0944	0.0910	0.0944
10	QPSK	1	49	22.72	22.68	22.64	0.0916	0.0908	0.0899
10	QPSK	25	0	21.81	21.88	21.76	0.0743	0.0755	0.0735
10	QPSK	25	12	21.81	21.83	21.87	0.0743	0.0746	0.0753
10	QPSK	25	25	21.80	21.87	21.64	0.0741	0.0753	0.0714
10	QPSK	50	0	21.82	21.88	21.76	0.0745	0.0755	0.0735
10	16QAM	1	0	22.07	22.13	22.06	0.0789	0.0800	0.0787
10	16QAM	1	25	22.19	22.32	22.07	0.0811	0.0836	0.0789
10	16QAM	1	49	21.98	22.11	22.16	0.0773	0.0796	0.0805
10	16QAM	25	0	20.81	20.83	20.79	0.0590	0.0593	0.0587
10	16QAM	25	12	20.69	20.90	20.87	0.0574	0.0603	0.0598
10	16QAM	25	25	20.73	20.76	20.91	0.0579	0.0583	0.0604
10	16QAM	50	0	20.85	20.82	20.95	0.0596	0.0592	0.0610
10	64QAM	1	0	20.64	20.74	20.79	0.0568	0.0581	0.0587
10	64QAM	1	25	20.84	20.83	20.58	0.0594	0.0593	0.0560
10	64QAM	1	49	20.64	20.87	21.05	0.0568	0.0598	0.0624



10	64QAM	25	0	19.78	19.76	19.86	0.0466	0.0463	0.0474
10	64QAM	25	12	19.71	19.75	19.86	0.0458	0.0462	0.0474
10	64QAM	25	25	19.90	19.61	20.07	0.0479	0.0448	0.0498
10	64QAM	50	0	19.87	19.80	19.78	0.0475	0.0468	0.0466
10	256QAM	1	0	17.83	17.85	17.87	0.0297	0.0299	0.0300
10	256QAM	1	25	17.82	17.88	17.68	0.0296	0.0301	0.0287
10	256QAM	1	49	17.62	17.90	17.92	0.0283	0.0302	0.0303
10	256QAM	25	0	17.74	17.71	17.80	0.0291	0.0289	0.0295
10	256QAM	25	12	17.95	17.85	17.82	0.0305	0.0299	0.0296
10	256QAM	25	25	17.73	17.78	17.84	0.0290	0.0294	0.0298
10	256QAM	50	0	17.75	17.75	18.05	0.0292	0.0292	0.0313
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.66	22.83	22.79	0.0904	0.0940	0.0931
5	QPSK	1	12	22.85	22.71	22.83	0.0944	0.0914	0.0940
5	QPSK	1	24	22.72	22.73	22.63	0.0916	0.0918	0.0897
5	QPSK	12	0	21.81	21.78	21.76	0.0743	0.0738	0.0735
5	QPSK	12	7	21.71	21.97	21.77	0.0726	0.0771	0.0736
5	QPSK	12	13	21.72	21.70	21.68	0.0728	0.0724	0.0721
5	QPSK	25	0	21.72	21.85	21.70	0.0728	0.0750	0.0724
5	16QAM	1	0	21.99	22.16	22.15	0.0774	0.0805	0.0804
5	16QAM	1	12	22.17	22.18	22.18	0.0807	0.0809	0.0809
5	16QAM	1	24	22.11	22.11	22.20	0.0796	0.0796	0.0813
5	16QAM	12	0	20.66	20.82	20.92	0.0570	0.0592	0.0605
5	16QAM	12	7	20.68	20.91	20.70	0.0573	0.0604	0.0575
5	16QAM	12	13	20.72	20.70	20.82	0.0578	0.0575	0.0592
5	16QAM	25	0	20.84	20.71	20.90	0.0594	0.0577	0.0603
5	64QAM	1	0	20.72	20.76	20.68	0.0578	0.0583	0.0573
5	64QAM	1	12	20.87	20.86	20.78	0.0598	0.0597	0.0586
5	64QAM	1	24	20.67	20.80	20.99	0.0571	0.0589	0.0615
5	64QAM	12	0	19.73	19.94	19.82	0.0460	0.0483	0.0470
5	64QAM	12	7	19.78	19.94	19.80	0.0466	0.0483	0.0468
5	64QAM	12	13	19.89	19.82	19.87	0.0478	0.0470	0.0475
5	64QAM	25	0	19.89	19.85	19.93	0.0478	0.0473	0.0482
5	256QAM	1	0	17.68	17.81	17.93	0.0287	0.0296	0.0304
5	256QAM	1	12	17.84	17.81	17.61	0.0298	0.0296	0.0282
5	256QAM	1	24	17.58	18.02	17.80	0.0281	0.0310	0.0295
5	256QAM	12	0	17.85	17.78	17.62	0.0299	0.0294	0.0283
5	256QAM	12	7	17.89	17.86	17.82	0.0301	0.0299	0.0296
5	256QAM	12	13	17.78	17.83	17.82	0.0294	0.0297	0.0296
5	256QAM	25	0	17.86	17.74	17.98	0.0299	0.0291	0.0308
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	22.82	22.85	22.83	0.0938	0.0944	0.0940
3	QPSK	1	8	22.74	22.76	22.66	0.0920	0.0925	0.0904
3	QPSK	1	14	22.78	22.80	22.66	0.0929	0.0933	0.0904
3	QPSK	8	0	21.76	22.00	21.77	0.0735	0.0776	0.0736



3	QPSK	8	4	21.72	21.91	21.98	0.0728	0.0760	0.0773
3	QPSK	8	7	21.75	21.82	21.65	0.0733	0.0745	0.0716
3	QPSK	15	0	21.73	21.86	21.78	0.0729	0.0752	0.0738
3	16QAM	1	0	22.18	22.04	22.13	0.0809	0.0783	0.0800
3	16QAM	1	8	22.10	22.21	22.01	0.0794	0.0815	0.0778
3	16QAM	1	14	22.14	22.17	22.23	0.0802	0.0807	0.0818
3	16QAM	8	0	20.66	20.87	20.86	0.0570	0.0598	0.0597
3	16QAM	8	4	20.60	21.03	20.84	0.0562	0.0621	0.0594
3	16QAM	8	7	20.85	20.77	20.89	0.0596	0.0585	0.0601
3	16QAM	15	0	20.85	20.80	20.97	0.0596	0.0589	0.0612
3	64QAM	1	0	20.77	20.91	20.78	0.0585	0.0604	0.0586
3	64QAM	1	8	20.65	20.95	20.69	0.0569	0.0610	0.0574
3	64QAM	1	14	20.71	20.86	20.88	0.0577	0.0597	0.0600
3	64QAM	8	0	19.78	19.78	19.70	0.0466	0.0466	0.0457
3	64QAM	8	4	19.64	19.98	19.90	0.0451	0.0488	0.0479
3	64QAM	8	7	19.87	19.68	19.94	0.0475	0.0455	0.0483
3	64QAM	15	0	19.81	19.79	19.90	0.0469	0.0467	0.0479
3	256QAM	1	0	17.71	17.76	18.00	0.0289	0.0292	0.0309
3	256QAM	1	8	17.63	17.94	17.63	0.0284	0.0305	0.0284
3	256QAM	1	14	17.66	17.99	17.93	0.0286	0.0308	0.0304
3	256QAM	8	0	17.88	17.80	17.71	0.0301	0.0295	0.0289
3	256QAM	8	4	17.75	17.75	17.95	0.0292	0.0292	0.0305
3	256QAM	8	7	17.84	17.73	17.81	0.0298	0.0290	0.0296
3	256QAM	15	0	17.84	17.73	17.99	0.0298	0.0290	0.0308
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.69	22.82	22.63	0.0910	0.0938	0.0897
1.4	QPSK	1	3	22.84	22.75	22.71	0.0942	0.0923	0.0914
1.4	QPSK	1	5	22.74	22.67	22.69	0.0920	0.0906	0.0910
1.4	QPSK	3	0	22.73	22.79	22.77	0.0918	0.0931	0.0927
1.4	QPSK	3	1	22.72	22.67	22.79	0.0916	0.0906	0.0931
1.4	QPSK	3	3	22.64	22.70	22.64	0.0899	0.0912	0.0899
1.4	QPSK	6	0	21.74	21.85	21.62	0.0731	0.0750	0.0711
1.4	16QAM	1	0	21.58	21.82	21.56	0.0705	0.0745	0.0701
1.4	16QAM	1	3	21.84	21.83	21.66	0.0748	0.0746	0.0718
1.4	16QAM	1	5	21.82	21.58	21.68	0.0745	0.0705	0.0721
1.4	16QAM	3	0	21.66	21.81	21.72	0.0718	0.0743	0.0728
1.4	16QAM	3	1	21.77	21.70	21.82	0.0736	0.0724	0.0745
1.4	16QAM	3	3	21.63	21.82	21.63	0.0713	0.0745	0.0713
1.4	16QAM	6	0	20.80	20.71	20.61	0.0589	0.0577	0.0564
1.4	64QAM	1	0	20.78	20.87	20.61	0.0586	0.0598	0.0564
1.4	64QAM	1	3	20.84	20.66	20.82	0.0594	0.0570	0.0592
1.4	64QAM	1	5	20.72	20.59	20.65	0.0578	0.0561	0.0569
1.4	64QAM	3	0	20.74	20.81	20.80	0.0581	0.0590	0.0589
1.4	64QAM	3	1	20.60	20.77	20.76	0.0562	0.0585	0.0583
1.4	64QAM	3	3	20.53	20.70	20.74	0.0553	0.0575	0.0581
1.4	64QAM	6	0	19.55	19.65	19.70	0.0442	0.0452	0.0457



1.4	256QAM	1	0	17.62	17.76	17.57	0.0283	0.0292	0.0280
1.4	256QAM	1	3	17.78	17.81	17.72	0.0294	0.0296	0.0290
1.4	256QAM	1	5	17.76	17.57	17.68	0.0292	0.0280	0.0287
1.4	256QAM	3	0	17.81	17.83	17.68	0.0296	0.0297	0.0287
1.4	256QAM	3	1	17.73	17.74	17.73	0.0290	0.0291	0.0290
1.4	256QAM	3	3	17.63	17.72	17.61	0.0284	0.0290	0.0282
1.4	256QAM	6	0	17.71	17.78	17.74	0.0289	0.0294	0.0291

LTE Band 38_ ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	22.80	22.96	22.91	0.1175	0.1219	0.1205
20	QPSK	1	49	22.71	22.75	22.80	0.1151	0.1161	0.1175
20	QPSK	1	99	22.68	22.85	22.87	0.1143	0.1189	0.1194
20	QPSK	50	0	21.80	22.08	21.94	0.0933	0.0995	0.0964
20	QPSK	50	24	21.76	22.05	21.80	0.0925	0.0989	0.0933
20	QPSK	50	50	21.83	21.90	21.83	0.0940	0.0955	0.0940
20	QPSK	100	0	21.75	21.86	21.78	0.0923	0.0946	0.0929
20	16QAM	1	0	21.73	21.94	21.88	0.0918	0.0964	0.0951
20	16QAM	1	49	21.78	21.63	21.89	0.0929	0.0897	0.0953
20	16QAM	1	99	21.75	21.75	21.86	0.0923	0.0923	0.0946
20	16QAM	50	0	20.85	20.86	20.96	0.0750	0.0752	0.0769
20	16QAM	50	24	20.74	20.67	20.83	0.0731	0.0719	0.0746
20	16QAM	50	50	20.67	20.76	20.97	0.0719	0.0735	0.0771
20	16QAM	100	0	20.73	20.90	20.84	0.0729	0.0759	0.0748
20	64QAM	1	0	20.85	21.08	20.82	0.0750	0.0791	0.0745
20	64QAM	1	49	20.66	20.71	20.85	0.0718	0.0726	0.0750
20	64QAM	1	99	20.66	20.88	20.81	0.0718	0.0755	0.0743
20	64QAM	50	0	19.80	20.02	19.98	0.0589	0.0619	0.0614
20	64QAM	50	24	19.84	20.02	19.81	0.0594	0.0619	0.0590
20	64QAM	50	50	19.68	19.75	19.82	0.0573	0.0582	0.0592
20	64QAM	100	0	19.57	19.80	19.86	0.0558	0.0589	0.0597
20	256QAM	1	0	17.70	17.89	18.02	0.0363	0.0379	0.0391
20	256QAM	1	49	17.66	17.83	17.71	0.0360	0.0374	0.0364
20	256QAM	1	99	17.62	17.75	17.77	0.0356	0.0367	0.0369
20	256QAM	50	0	17.88	17.96	17.79	0.0378	0.0385	0.0371
20	256QAM	50	24	17.88	17.88	17.90	0.0378	0.0378	0.0380
20	256QAM	50	50	17.73	17.71	17.73	0.0366	0.0364	0.0366
20	256QAM	100	0	17.78	17.80	17.87	0.0370	0.0372	0.0378
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	22.66	22.90	22.73	0.1138	0.1202	0.1156
15	QPSK	1	37	22.64	22.53	22.67	0.1132	0.1104	0.1140
15	QPSK	1	74	22.53	22.76	22.84	0.1104	0.1164	0.1186



15	QPSK	36	0	21.60	21.94	21.93	0.0891	0.0964	0.0962
15	QPSK	36	20	21.72	21.91	21.63	0.0916	0.0957	0.0897
15	QPSK	36	39	21.76	21.86	21.80	0.0925	0.0946	0.0933
15	QPSK	75	0	21.71	21.69	21.62	0.0914	0.0910	0.0895
15	16QAM	1	0	21.51	21.77	21.67	0.0873	0.0927	0.0906
15	16QAM	1	37	21.65	21.55	21.74	0.0902	0.0881	0.0920
15	16QAM	1	74	21.53	21.58	21.83	0.0877	0.0887	0.0940
15	16QAM	36	0	20.65	20.81	20.87	0.0716	0.0743	0.0753
15	16QAM	36	20	20.72	20.49	20.67	0.0728	0.0690	0.0719
15	16QAM	36	39	20.63	20.59	20.84	0.0713	0.0706	0.0748
15	16QAM	75	0	20.71	20.76	20.79	0.0726	0.0735	0.0740
15	64QAM	1	0	20.66	20.91	20.70	0.0718	0.0760	0.0724
15	64QAM	1	37	20.68	20.57	20.74	0.0721	0.0703	0.0731
15	64QAM	1	74	20.64	20.84	20.73	0.0714	0.0748	0.0729
15	64QAM	36	0	19.79	20.03	19.83	0.0587	0.0621	0.0593
15	64QAM	36	20	19.80	19.83	19.80	0.0589	0.0593	0.0589
15	64QAM	36	39	19.53	19.56	19.64	0.0553	0.0557	0.0568
15	64QAM	75	0	19.41	19.70	19.82	0.0538	0.0575	0.0592
15	256QAM	1	0	17.62	17.76	17.86	0.0356	0.0368	0.0377
15	256QAM	1	37	17.49	17.65	17.62	0.0346	0.0359	0.0356
15	256QAM	1	74	17.50	17.60	17.64	0.0347	0.0355	0.0358
15	256QAM	36	0	17.79	17.81	17.77	0.0371	0.0372	0.0369
15	256QAM	36	20	17.82	17.79	17.88	0.0373	0.0371	0.0378
15	256QAM	36	39	17.55	17.54	17.73	0.0351	0.0350	0.0366
15	256QAM	75	0	17.57	17.79	17.80	0.0352	0.0371	0.0372
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	22.82	22.93	22.88	0.1180	0.1211	0.1197
10	QPSK	1	25	22.61	22.64	22.64	0.1125	0.1132	0.1132
10	QPSK	1	49	22.48	22.71	22.84	0.1091	0.1151	0.1186
10	QPSK	25	0	21.64	21.90	21.85	0.0899	0.0955	0.0944
10	QPSK	25	12	21.73	22.00	21.80	0.0918	0.0977	0.0933
10	QPSK	25	25	21.71	21.91	21.82	0.0914	0.0957	0.0938
10	QPSK	50	0	21.75	21.69	21.58	0.0923	0.0910	0.0887
10	16QAM	1	0	21.57	21.75	21.83	0.0885	0.0923	0.0940
10	16QAM	1	25	21.73	21.57	21.74	0.0918	0.0885	0.0920
10	16QAM	1	49	21.73	21.54	21.81	0.0918	0.0879	0.0935
10	16QAM	25	0	20.84	20.66	20.81	0.0748	0.0718	0.0743
10	16QAM	25	12	20.69	20.67	20.80	0.0723	0.0719	0.0741
10	16QAM	25	25	20.47	20.67	20.92	0.0687	0.0719	0.0762
10	16QAM	50	0	20.75	20.68	20.72	0.0733	0.0721	0.0728
10	64QAM	1	0	20.71	20.96	20.62	0.0726	0.0769	0.0711
10	64QAM	1	25	20.47	20.52	20.83	0.0687	0.0695	0.0746
10	64QAM	1	49	20.67	20.84	20.64	0.0719	0.0748	0.0714
10	64QAM	25	0	19.58	19.84	19.82	0.0560	0.0594	0.0592
10	64QAM	25	12	19.78	19.99	19.70	0.0586	0.0615	0.0575
10	64QAM	25	25	19.64	19.53	19.83	0.0568	0.0553	0.0593
10	64QAM	50	0	19.56	19.81	19.64	0.0557	0.0590	0.0568



10	256QAM	1	0	17.51	17.74	17.86	0.0348	0.0366	0.0377
10	256QAM	1	25	17.44	17.62	17.50	0.0342	0.0356	0.0347
10	256QAM	1	49	17.53	17.57	17.72	0.0349	0.0352	0.0365
10	256QAM	25	0	17.81	17.79	17.69	0.0372	0.0371	0.0362
10	256QAM	25	12	17.80	17.89	17.70	0.0372	0.0379	0.0363
10	256QAM	25	25	17.55	17.50	17.55	0.0351	0.0347	0.0351
10	256QAM	50	0	17.62	17.65	17.83	0.0356	0.0359	0.0374
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	22.72	22.85	22.70	0.1153	0.1189	0.1148
5	QPSK	1	12	22.67	22.58	22.73	0.1140	0.1117	0.1156
5	QPSK	1	24	22.60	22.86	22.67	0.1122	0.1191	0.1140
5	QPSK	12	0	21.77	22.04	21.95	0.0927	0.0986	0.0966
5	QPSK	12	7	21.71	22.02	21.65	0.0914	0.0982	0.0902
5	QPSK	12	13	21.81	21.72	21.61	0.0935	0.0916	0.0893
5	QPSK	25	0	21.70	21.87	21.75	0.0912	0.0948	0.0923
5	16QAM	1	0	21.55	21.88	21.67	0.0881	0.0951	0.0906
5	16QAM	1	12	21.61	21.54	21.77	0.0893	0.0879	0.0927
5	16QAM	1	24	21.53	21.65	21.85	0.0877	0.0902	0.0944
5	16QAM	12	0	20.80	20.77	20.94	0.0741	0.0736	0.0766
5	16QAM	12	7	20.66	20.52	20.74	0.0718	0.0695	0.0731
5	16QAM	12	13	20.49	20.75	20.83	0.0690	0.0733	0.0746
5	16QAM	25	0	20.69	20.80	20.64	0.0723	0.0741	0.0714
5	64QAM	1	0	20.80	20.86	20.81	0.0741	0.0752	0.0743
5	64QAM	1	12	20.64	20.71	20.78	0.0714	0.0726	0.0738
5	64QAM	1	24	20.67	20.82	20.80	0.0719	0.0745	0.0741
5	64QAM	12	0	19.75	19.93	19.92	0.0582	0.0607	0.0605
5	64QAM	12	7	19.72	19.95	19.68	0.0578	0.0610	0.0573
5	64QAM	12	13	19.60	19.71	19.77	0.0562	0.0577	0.0585
5	64QAM	25	0	19.46	19.71	19.67	0.0545	0.0577	0.0571
5	256QAM	1	0	17.51	17.89	17.97	0.0348	0.0379	0.0386
5	256QAM	1	12	17.63	17.76	17.55	0.0357	0.0368	0.0351
5	256QAM	1	24	17.49	17.58	17.64	0.0346	0.0353	0.0358
5	256QAM	12	0	17.71	17.88	17.76	0.0364	0.0378	0.0368
5	256QAM	12	7	17.71	17.67	17.81	0.0364	0.0361	0.0372
5	256QAM	12	13	17.51	17.61	17.70	0.0348	0.0356	0.0363
5	256QAM	25	0	17.74	17.66	17.71	0.0366	0.0360	0.0364



LTE Band 41_ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490	EIRP(W)		
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	25.84	25.91	25.51	0.2366	0.2404	0.2193
20	QPSK	1	49	25.75	25.75	25.47	0.2317	0.2317	0.2173
20	QPSK	1	99	25.60	25.61	25.46	0.2239	0.2244	0.2168
20	QPSK	50	0	24.71	24.94	24.60	0.1824	0.1923	0.1778
20	QPSK	50	24	24.73	24.81	24.54	0.1832	0.1866	0.1754
20	QPSK	50	50	24.66	24.66	24.55	0.1803	0.1803	0.1758
20	QPSK	100	0	24.67	24.74	24.49	0.1807	0.1837	0.1734
20	16QAM	1	0	24.82	24.65	24.41	0.1871	0.1799	0.1702
20	16QAM	1	49	24.82	24.56	24.43	0.1871	0.1762	0.1710
20	16QAM	1	99	24.71	24.57	24.41	0.1824	0.1766	0.1702
20	16QAM	50	0	23.86	23.72	23.50	0.1500	0.1452	0.1380
20	16QAM	50	24	23.75	23.66	23.62	0.1462	0.1432	0.1419
20	16QAM	50	50	23.73	23.70	23.60	0.1455	0.1445	0.1413
20	16QAM	100	0	23.60	23.71	23.50	0.1413	0.1449	0.1380
20	64QAM	1	0	23.70	23.67	23.50	0.1445	0.1435	0.1380
20	64QAM	1	49	23.58	23.67	23.41	0.1406	0.1435	0.1352
20	64QAM	1	99	23.72	23.68	23.35	0.1452	0.1439	0.1334
20	64QAM	50	0	22.64	22.89	22.60	0.1132	0.1199	0.1122
20	64QAM	50	24	22.80	22.91	22.67	0.1175	0.1205	0.1140
20	64QAM	50	50	22.78	22.74	22.53	0.1169	0.1159	0.1104
20	64QAM	100	0	22.72	22.71	22.46	0.1153	0.1151	0.1086
20	256QAM	1	0	20.81	20.67	20.45	0.0743	0.0719	0.0684
20	256QAM	1	49	20.77	20.77	20.36	0.0736	0.0736	0.0670
20	256QAM	1	99	20.56	20.74	20.41	0.0701	0.0731	0.0678
20	256QAM	50	0	20.69	20.74	20.57	0.0723	0.0731	0.0703
20	256QAM	50	24	20.82	20.69	20.45	0.0745	0.0723	0.0684
20	256QAM	50	50	20.69	20.54	20.55	0.0723	0.0698	0.0700
20	256QAM	100	0	20.56	20.73	20.48	0.0701	0.0729	0.0689
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	25.66	25.78	25.55	0.2270	0.2333	0.2213
15	QPSK	1	37	25.78	25.73	25.33	0.2333	0.2307	0.2104
15	QPSK	1	74	25.54	25.67	25.40	0.2208	0.2275	0.2138
15	QPSK	36	0	24.66	24.77	24.55	0.1803	0.1849	0.1758
15	QPSK	36	20	24.80	24.68	24.57	0.1862	0.1811	0.1766
15	QPSK	36	39	24.65	24.64	24.43	0.1799	0.1795	0.1710
15	QPSK	75	0	24.54	24.65	24.39	0.1754	0.1799	0.1694
15	16QAM	1	0	24.86	24.69	24.47	0.1888	0.1816	0.1726
15	16QAM	1	37	24.80	24.64	24.44	0.1862	0.1795	0.1714
15	16QAM	1	74	24.66	24.56	24.45	0.1803	0.1762	0.1718
15	16QAM	36	0	23.91	23.71	23.48	0.1517	0.1449	0.1374
15	16QAM	36	20	23.59	23.66	23.62	0.1409	0.1432	0.1419



15	16QAM	36	39	23.61	23.49	23.51	0.1416	0.1377	0.1384
15	16QAM	75	0	23.48	23.65	23.53	0.1374	0.1429	0.1390
15	64QAM	1	0	23.71	23.64	23.36	0.1449	0.1426	0.1337
15	64QAM	1	37	23.52	23.63	23.49	0.1387	0.1422	0.1377
15	64QAM	1	74	23.59	23.50	23.32	0.1409	0.1380	0.1324
15	64QAM	36	0	22.55	22.69	22.58	0.1109	0.1146	0.1117
15	64QAM	36	20	22.61	22.84	22.51	0.1125	0.1186	0.1099
15	64QAM	36	39	22.76	22.61	22.44	0.1164	0.1125	0.1081
15	64QAM	75	0	22.71	22.64	22.39	0.1151	0.1132	0.1069
15	256QAM	1	0	20.77	20.68	20.33	0.0736	0.0721	0.0665
15	256QAM	1	37	20.60	20.71	20.42	0.0708	0.0726	0.0679
15	256QAM	1	74	20.44	20.74	20.43	0.0682	0.0731	0.0681
15	256QAM	36	0	20.55	20.69	20.56	0.0700	0.0723	0.0701
15	256QAM	36	20	20.85	20.71	20.43	0.0750	0.0726	0.0681
15	256QAM	36	39	20.62	20.50	20.37	0.0711	0.0692	0.0671
15	256QAM	75	0	20.56	20.58	20.43	0.0701	0.0705	0.0681
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	25.78	25.71	25.43	0.2333	0.2296	0.2153
10	QPSK	1	25	25.72	25.53	25.41	0.2301	0.2203	0.2143
10	QPSK	1	49	25.54	25.66	25.34	0.2208	0.2270	0.2109
10	QPSK	25	0	24.62	24.78	24.48	0.1786	0.1854	0.1730
10	QPSK	25	12	24.74	24.80	24.58	0.1837	0.1862	0.1770
10	QPSK	25	25	24.64	24.63	24.35	0.1795	0.1791	0.1679
10	QPSK	50	0	24.56	24.63	24.48	0.1762	0.1791	0.1730
10	16QAM	1	0	24.68	24.67	24.34	0.1811	0.1807	0.1675
10	16QAM	1	25	24.72	24.66	24.44	0.1828	0.1803	0.1714
10	16QAM	1	49	24.65	24.60	24.30	0.1799	0.1778	0.1660
10	16QAM	25	0	23.65	23.73	23.42	0.1429	0.1455	0.1355
10	16QAM	25	12	23.58	23.70	23.58	0.1406	0.1445	0.1406
10	16QAM	25	25	23.63	23.49	23.48	0.1422	0.1377	0.1374
10	16QAM	50	0	23.52	23.65	23.30	0.1387	0.1429	0.1318
10	64QAM	1	0	23.67	23.60	23.49	0.1435	0.1413	0.1377
10	64QAM	1	25	23.47	23.51	23.33	0.1371	0.1384	0.1327
10	64QAM	1	49	23.62	23.52	23.24	0.1419	0.1387	0.1300
10	64QAM	25	0	22.75	22.76	22.61	0.1161	0.1164	0.1125
10	64QAM	25	12	22.58	22.79	22.65	0.1117	0.1172	0.1135
10	64QAM	25	25	22.74	22.61	22.36	0.1159	0.1125	0.1062
10	64QAM	50	0	22.65	22.63	22.40	0.1135	0.1130	0.1072
10	256QAM	1	0	20.71	20.68	20.52	0.0726	0.0721	0.0695
10	256QAM	1	25	20.68	20.73	20.43	0.0721	0.0729	0.0681
10	256QAM	1	49	20.59	20.60	20.43	0.0706	0.0708	0.0681
10	256QAM	25	0	20.61	20.67	20.60	0.0710	0.0719	0.0708
10	256QAM	25	12	20.83	20.57	20.51	0.0746	0.0703	0.0693
10	256QAM	25	25	20.62	20.56	20.50	0.0711	0.0701	0.0692
10	256QAM	50	0	20.58	20.72	20.43	0.0705	0.0728	0.0681
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H



5	QPSK	1	0	25.69	25.75	25.41	0.2286	0.2317	0.2143
5	QPSK	1	12	25.78	25.58	25.33	0.2333	0.2228	0.2104
5	QPSK	1	24	25.58	25.49	25.42	0.2228	0.2183	0.2148
5	QPSK	12	0	24.67	24.73	24.70	0.1807	0.1832	0.1820
5	QPSK	12	7	24.71	24.82	24.44	0.1824	0.1871	0.1714
5	QPSK	12	13	24.65	24.59	24.43	0.1799	0.1774	0.1710
5	QPSK	25	0	24.60	24.57	24.28	0.1778	0.1766	0.1652
5	16QAM	1	0	24.84	24.57	24.42	0.1879	0.1766	0.1706
5	16QAM	1	12	24.64	24.56	24.45	0.1795	0.1762	0.1718
5	16QAM	1	24	24.72	24.56	24.42	0.1828	0.1762	0.1706
5	16QAM	12	0	23.87	23.71	23.45	0.1503	0.1449	0.1365
5	16QAM	12	7	23.82	23.63	23.46	0.1486	0.1422	0.1368
5	16QAM	12	13	23.50	23.69	23.52	0.1380	0.1442	0.1387
5	16QAM	25	0	23.46	23.70	23.44	0.1368	0.1445	0.1361
5	64QAM	1	0	23.53	23.58	23.41	0.1390	0.1406	0.1352
5	64QAM	1	12	23.55	23.68	23.34	0.1396	0.1439	0.1330
5	64QAM	1	24	23.69	23.48	23.25	0.1442	0.1374	0.1303
5	64QAM	12	0	22.56	22.60	22.43	0.1112	0.1122	0.1079
5	64QAM	12	7	22.65	22.71	22.67	0.1135	0.1151	0.1140
5	64QAM	12	13	22.68	22.63	22.33	0.1143	0.1130	0.1054
5	64QAM	25	0	22.78	22.71	22.42	0.1169	0.1151	0.1076
5	256QAM	1	0	20.79	20.58	20.45	0.0740	0.0705	0.0684
5	256QAM	1	12	20.63	20.79	20.35	0.0713	0.0740	0.0668
5	256QAM	1	24	20.48	20.73	20.30	0.0689	0.0729	0.0661
5	256QAM	12	0	20.65	20.67	20.61	0.0716	0.0719	0.0710
5	256QAM	12	7	20.79	20.51	20.39	0.0740	0.0693	0.0675
5	256QAM	12	13	20.65	20.43	20.54	0.0716	0.0681	0.0698
5	256QAM	25	0	20.53	20.64	20.46	0.0697	0.0714	0.0685



LTE Band 71_ ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688	L	M	H
20	QPSK	1	0	22.63	22.82	22.66	0.0301	0.0314	0.0303
20	QPSK	1	49	22.70	22.69	22.57	0.0305	0.0305	0.0296
20	QPSK	1	99	22.59	22.63	22.65	0.0298	0.0301	0.0302
20	QPSK	50	0	21.81	21.87	21.68	0.0249	0.0252	0.0242
20	QPSK	50	24	21.76	21.80	21.79	0.0246	0.0248	0.0248
20	QPSK	50	50	21.75	21.77	21.78	0.0245	0.0247	0.0247
20	QPSK	100	0	21.70	21.79	21.65	0.0243	0.0248	0.0240
20	16QAM	1	0	21.97	22.12	22.05	0.0258	0.0267	0.0263
20	16QAM	1	49	22.09	22.15	22.11	0.0265	0.0269	0.0267
20	16QAM	1	99	21.99	22.02	22.21	0.0259	0.0261	0.0273
20	16QAM	50	0	20.66	20.85	20.77	0.0191	0.0200	0.0196
20	16QAM	50	24	20.56	20.79	20.74	0.0187	0.0197	0.0195
20	16QAM	50	50	20.65	20.71	20.77	0.0191	0.0193	0.0196
20	16QAM	100	0	20.89	20.82	20.84	0.0201	0.0198	0.0199
20	64QAM	1	0	20.53	20.71	20.66	0.0185	0.0193	0.0191
20	64QAM	1	49	20.76	20.88	20.55	0.0195	0.0201	0.0186
20	64QAM	1	99	20.53	20.72	20.93	0.0185	0.0194	0.0203
20	64QAM	50	0	19.70	19.75	19.76	0.0153	0.0155	0.0155
20	64QAM	50	24	19.61	19.90	19.87	0.0150	0.0160	0.0159
20	64QAM	50	50	19.74	19.67	19.85	0.0155	0.0152	0.0158
20	64QAM	100	0	19.78	19.69	19.93	0.0156	0.0153	0.0161
20	256QAM	1	0	17.72	17.84	17.88	0.0097	0.0100	0.0101
20	256QAM	1	49	17.65	17.74	17.55	0.0095	0.0097	0.0093
20	256QAM	1	99	17.66	17.73	17.91	0.0096	0.0097	0.0101
20	256QAM	50	0	17.68	17.81	17.64	0.0096	0.0099	0.0095
20	256QAM	50	24	17.81	17.69	17.72	0.0099	0.0096	0.0097
20	256QAM	50	50	17.71	17.86	17.69	0.0097	0.0100	0.0096
20	256QAM	100	0	17.88	17.70	17.90	0.0101	0.0097	0.0101
Channel				133197	133297	133397	EIRP(W)		
Frequency (MHz)				670.5	680.5	690.5	L	M	H
15	QPSK	1	0	22.48	22.73	22.52	0.0290	0.0308	0.0293
15	QPSK	1	37	22.55	22.62	22.49	0.0295	0.0300	0.0291
15	QPSK	1	74	22.52	22.54	22.60	0.0293	0.0294	0.0299
15	QPSK	36	0	21.65	21.82	21.60	0.0240	0.0249	0.0237
15	QPSK	36	20	21.64	21.67	21.74	0.0239	0.0241	0.0245
15	QPSK	36	39	21.65	21.70	21.71	0.0240	0.0243	0.0243
15	QPSK	75	0	21.62	21.63	21.50	0.0238	0.0239	0.0232
15	16QAM	1	0	21.86	22.04	21.99	0.0252	0.0262	0.0259
15	16QAM	1	37	21.97	22.04	21.99	0.0258	0.0262	0.0259
15	16QAM	1	74	21.95	21.88	22.08	0.0257	0.0253	0.0265



15	16QAM	36	0	20.60	20.77	20.69	0.0188	0.0196	0.0192
15	16QAM	36	20	20.48	20.72	20.69	0.0183	0.0194	0.0192
15	16QAM	36	39	20.49	20.59	20.73	0.0184	0.0188	0.0194
15	16QAM	75	0	20.73	20.76	20.76	0.0194	0.0195	0.0195
15	64QAM	1	0	20.45	20.62	20.55	0.0182	0.0189	0.0186
15	64QAM	1	37	20.69	20.78	20.44	0.0192	0.0196	0.0182
15	64QAM	1	74	20.46	20.65	20.79	0.0182	0.0191	0.0197
15	64QAM	36	0	19.61	19.64	19.69	0.0150	0.0151	0.0153
15	64QAM	36	20	19.47	19.78	19.78	0.0145	0.0156	0.0156
15	64QAM	36	39	19.63	19.52	19.73	0.0151	0.0147	0.0154
15	64QAM	75	0	19.68	19.55	19.86	0.0152	0.0148	0.0159
15	256QAM	1	0	17.62	17.78	17.75	0.0095	0.0098	0.0098
15	256QAM	1	37	17.60	17.64	17.39	0.0094	0.0095	0.0090
15	256QAM	1	74	17.60	17.60	17.87	0.0094	0.0094	0.0100
15	256QAM	36	0	17.55	17.76	17.51	0.0093	0.0098	0.0092
15	256QAM	36	20	17.67	17.60	17.58	0.0096	0.0094	0.0094
15	256QAM	36	39	17.59	17.81	17.61	0.0094	0.0099	0.0095
15	256QAM	75	0	17.76	17.59	17.77	0.0098	0.0094	0.0098
Channel				133172	133272	133422	EIRP(W)		
Frequency (MHz)				668	678	693	L	M	H
10	QPSK	1	0	22.53	22.71	22.61	0.0294	0.0306	0.0299
10	QPSK	1	25	22.58	22.57	22.52	0.0297	0.0296	0.0293
10	QPSK	1	49	22.48	22.53	22.52	0.0290	0.0294	0.0293
10	QPSK	25	0	21.75	21.82	21.62	0.0245	0.0249	0.0238
10	QPSK	25	12	21.69	21.66	21.74	0.0242	0.0240	0.0245
10	QPSK	25	25	21.61	21.69	21.65	0.0238	0.0242	0.0240
10	QPSK	50	0	21.59	21.67	21.61	0.0237	0.0241	0.0238
10	16QAM	1	0	21.83	22.01	21.92	0.0250	0.0261	0.0255
10	16QAM	1	25	22.03	22.02	22.06	0.0262	0.0261	0.0264
10	16QAM	1	49	21.89	21.97	22.06	0.0254	0.0258	0.0264
10	16QAM	25	0	20.61	20.78	20.66	0.0189	0.0196	0.0191
10	16QAM	25	12	20.46	20.64	20.66	0.0182	0.0190	0.0191
10	16QAM	25	25	20.51	20.57	20.66	0.0185	0.0187	0.0191
10	16QAM	50	0	20.76	20.75	20.72	0.0195	0.0195	0.0194
10	64QAM	1	0	20.43	20.63	20.54	0.0181	0.0190	0.0186
10	64QAM	1	25	20.62	20.76	20.49	0.0189	0.0195	0.0184
10	64QAM	1	49	20.44	20.58	20.83	0.0182	0.0187	0.0199
10	64QAM	25	0	19.63	19.68	19.60	0.0151	0.0152	0.0150
10	64QAM	25	12	19.55	19.81	19.82	0.0148	0.0157	0.0157
10	64QAM	25	25	19.60	19.54	19.75	0.0150	0.0148	0.0155
10	64QAM	50	0	19.72	19.54	19.82	0.0154	0.0148	0.0157
10	256QAM	1	0	17.62	17.77	17.74	0.0095	0.0098	0.0097
10	256QAM	1	25	17.57	17.69	17.49	0.0094	0.0096	0.0092
10	256QAM	1	49	17.50	17.62	17.83	0.0092	0.0095	0.0100
10	256QAM	25	0	17.58	17.65	17.51	0.0094	0.0095	0.0092
10	256QAM	25	12	17.73	17.55	17.62	0.0097	0.0093	0.0095
10	256QAM	25	25	17.64	17.79	17.65	0.0095	0.0099	0.0095



10	256QAM	50	0	17.83	17.65	17.77	0.0100	0.0095	0.0098
Channel				133147	133247	133447	EIRP(W)		
Frequency (MHz)				665.5	675.5	695.5	L	M	H
5	QPSK	1	0	22.56	22.69	22.57	0.0296	0.0305	0.0296
5	QPSK	1	12	22.55	22.55	22.47	0.0295	0.0295	0.0290
5	QPSK	1	24	22.46	22.50	22.58	0.0289	0.0292	0.0297
5	QPSK	12	0	21.77	21.73	21.58	0.0247	0.0244	0.0236
5	QPSK	12	7	21.72	21.73	21.75	0.0244	0.0244	0.0245
5	QPSK	12	13	21.69	21.64	21.63	0.0242	0.0239	0.0239
5	QPSK	25	0	21.55	21.65	21.60	0.0234	0.0240	0.0237
5	16QAM	1	0	21.81	22.08	21.96	0.0249	0.0265	0.0258
5	16QAM	1	12	22.01	22.04	22.02	0.0261	0.0262	0.0261
5	16QAM	1	24	21.90	21.96	22.09	0.0254	0.0258	0.0265
5	16QAM	12	0	20.56	20.78	20.64	0.0187	0.0196	0.0190
5	16QAM	12	7	20.41	20.70	20.60	0.0180	0.0193	0.0188
5	16QAM	12	13	20.51	20.56	20.66	0.0185	0.0187	0.0191
5	16QAM	25	0	20.84	20.77	20.75	0.0199	0.0196	0.0195
5	64QAM	1	0	20.46	20.67	20.53	0.0182	0.0191	0.0185
5	64QAM	1	12	20.68	20.84	20.48	0.0192	0.0199	0.0183
5	64QAM	1	24	20.46	20.59	20.84	0.0182	0.0188	0.0199
5	64QAM	12	0	19.60	19.68	19.71	0.0150	0.0152	0.0153
5	64QAM	12	7	19.55	19.80	19.80	0.0148	0.0157	0.0157
5	64QAM	12	13	19.64	19.56	19.77	0.0151	0.0148	0.0156
5	64QAM	25	0	19.69	19.65	19.85	0.0153	0.0151	0.0158
5	256QAM	1	0	17.61	17.79	17.77	0.0095	0.0099	0.0098
5	256QAM	1	12	17.60	17.69	17.47	0.0094	0.0096	0.0092
5	256QAM	1	24	17.60	17.69	17.85	0.0094	0.0096	0.0100
5	256QAM	12	0	17.54	17.76	17.54	0.0093	0.0098	0.0093
5	256QAM	12	7	17.67	17.62	17.67	0.0096	0.0095	0.0096
5	256QAM	12	13	17.58	17.71	17.61	0.0094	0.0097	0.0095
5	256QAM	25	0	17.73	17.64	17.84	0.0097	0.0095	0.0100



LTE CA_38C_ANT4:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.89	0.1199
M	QPSK	1	Max	1	0	22.88	0.1197
H	QPSK	1	Max	1	0	22.99	0.1227
L	16QAM	1	Max	1	0	22.18	0.1019
M	16QAM	1	Max	1	0	22.32	0.1052
H	16QAM	1	Max	1	0	22.19	0.1021
L	64QAM	1	Max	1	0	21.01	0.0778
M	64QAM	1	Max	1	0	20.75	0.0733
H	64QAM	1	Max	1	0	20.97	0.0771
L	256QAM	1	Max	1	0	17.87	0.0378
M	256QAM	1	Max	1	0	18.02	0.0391
H	256QAM	1	Max	1	0	17.80	0.0372
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	22.77	0.1167
M	16QAM	1	Max	1	0	22.82	0.1180

LTE CA_41C_ANT4:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	25.64	0.2259
M	QPSK	1	Max	1	0	25.65	0.2265
H	QPSK	1	Max	1	0	25.77	0.2328
L	16QAM	1	Max	1	0	25.16	0.2023
M	16QAM	1	Max	1	0	25.25	0.2065
H	16QAM	1	Max	1	0	25.26	0.2070
L	64QAM	1	Max	1	0	24.35	0.1679
M	64QAM	1	Max	1	0	24.37	0.1687
H	64QAM	1	Max	1	0	24.34	0.1675
L	256QAM	1	Max	1	0	21.12	0.0798
M	256QAM	1	Max	1	0	21.05	0.0785
H	256QAM	1	Max	1	0	20.98	0.0773
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.52	0.2198
H	16QAM	1	Max	1	0	25.04	0.1968
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.57	0.2223



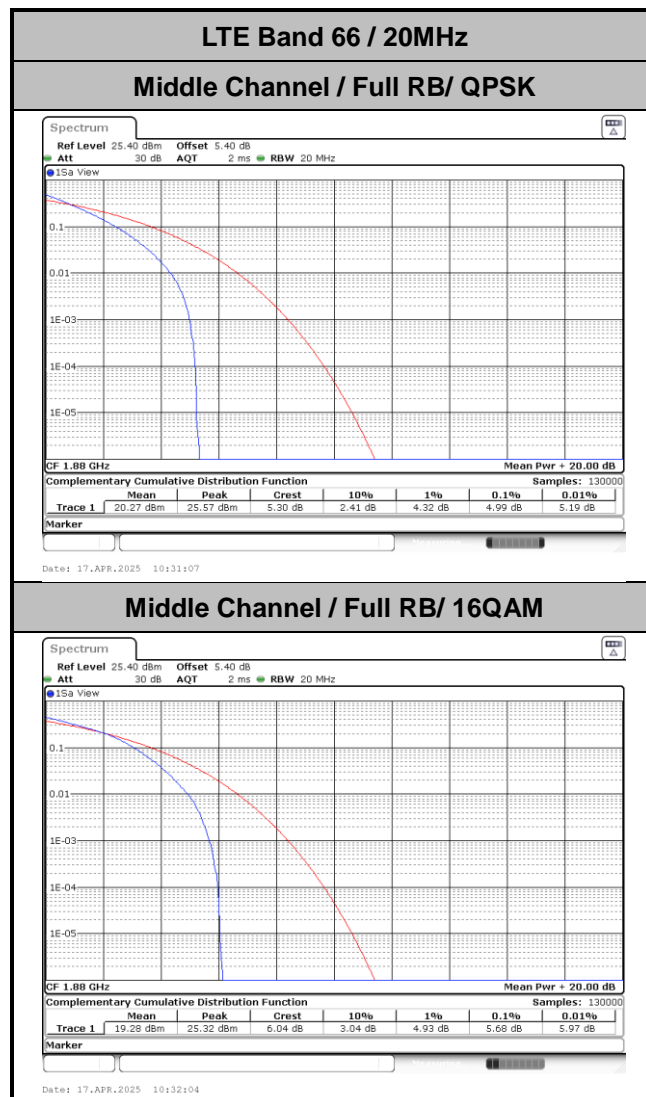
H	16QAM	1	Max	1	0	25.02	0.1959
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.54	0.2208
H	16QAM	1	Max	1	0	25.08	0.1986
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.56	0.2218
H	16QAM	1	Max	1	0	25.03	0.1963
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.52	0.2198
H	16QAM	1	Max	1	0	25.04	0.1968
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.52	0.2198
H	16QAM	1	Max	1	0	25.03	0.1963
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.57	0.2223
H	16QAM	1	Max	1	0	25.06	0.1977
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.57	0.2223
H	16QAM	1	Max	1	0	25.05	0.1972
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	25.52	0.2198
H	16QAM	1	Max	1	0	25.03	0.1963

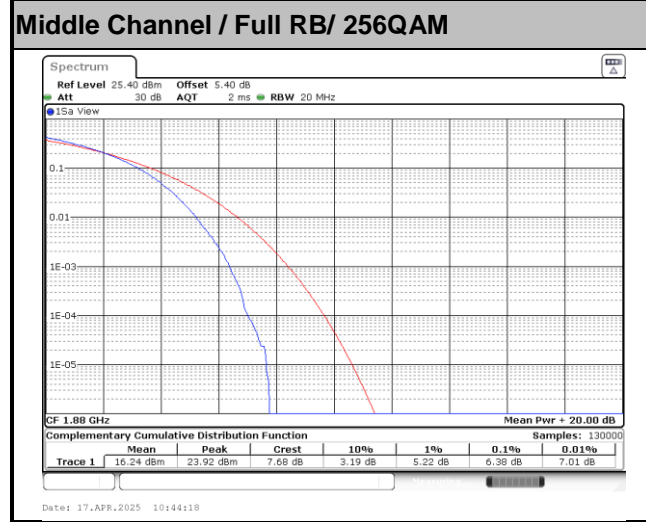
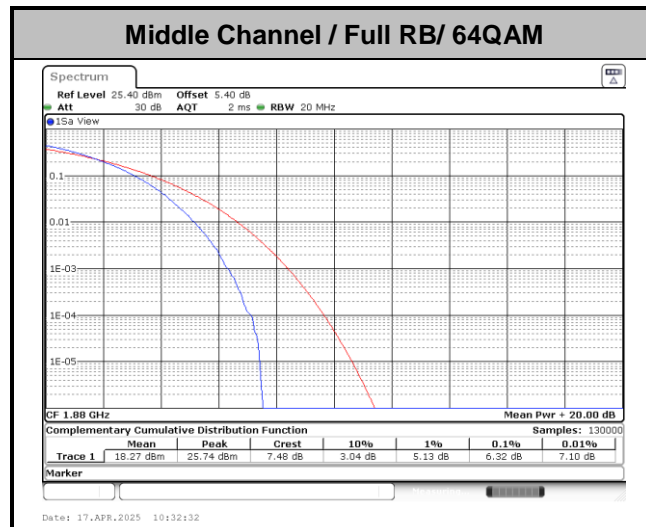


LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.68	6.32	6.38	PASS







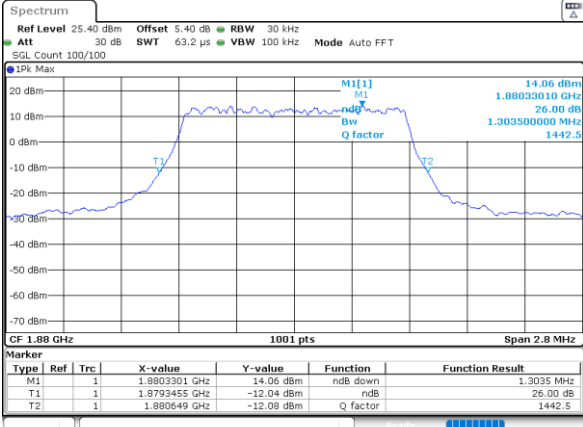
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.30	1.28
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.97	2.95
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.83	4.80
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.93	9.67
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.51	14.27
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.02	19.06



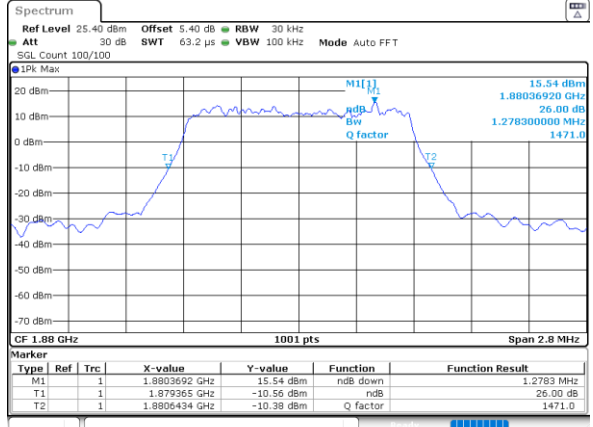
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 17.APR.2025 05:08:37

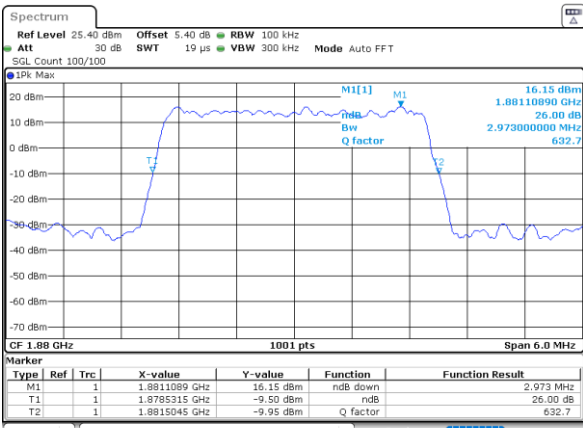
Middle Channel / 1.4MHz / 16QAM



Date: 17.APR.2025 05:10:31

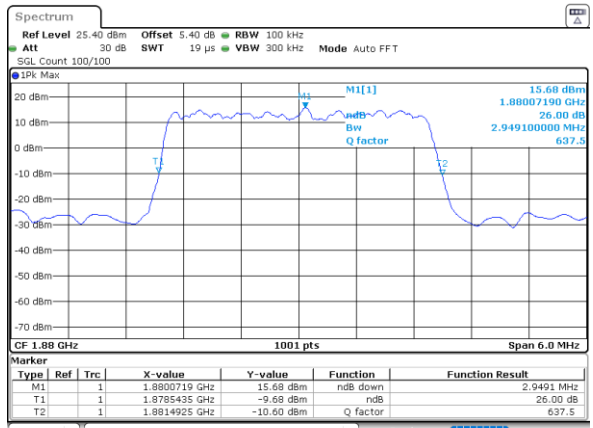
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 17.APR.2025 05:52:13

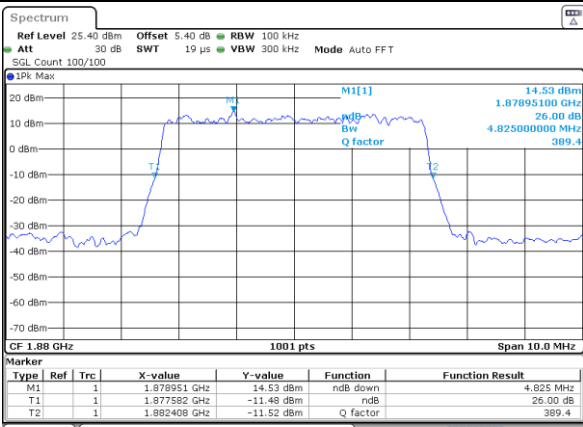
Middle Channel / 3MHz / 16QAM



Date: 17.APR.2025 05:52:19

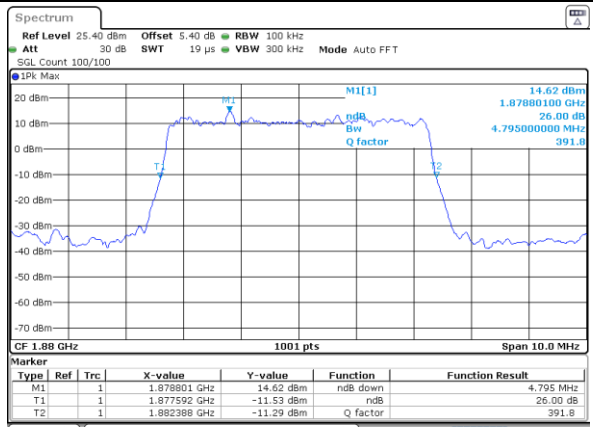
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 17.APR.2025 09:17:26

Middle Channel / 5MHz / 16QAM



Date: 17.APR.2025 09:18:21



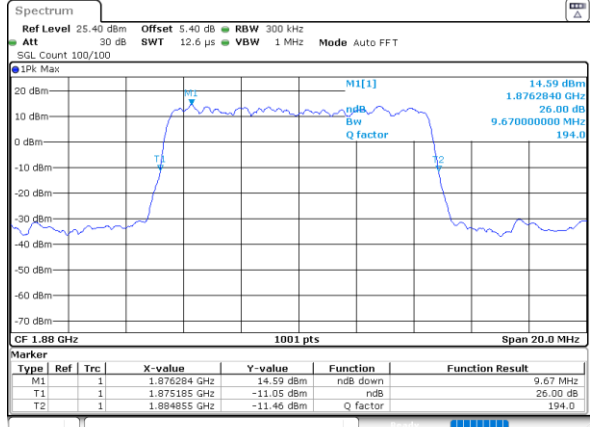
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 17.APR.2025 09:42:01

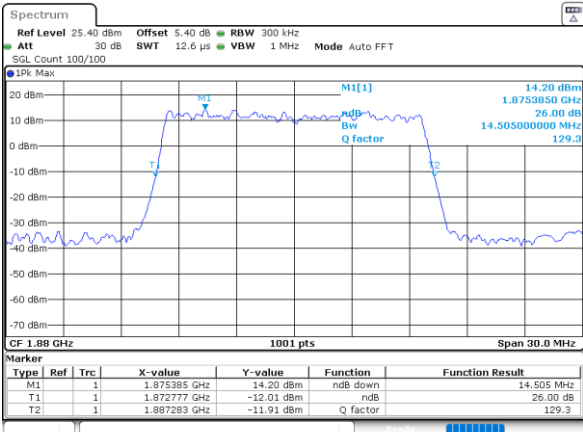
Middle Channel / 10MHz / 16QAM



Date: 17.APR.2025 09:42:55

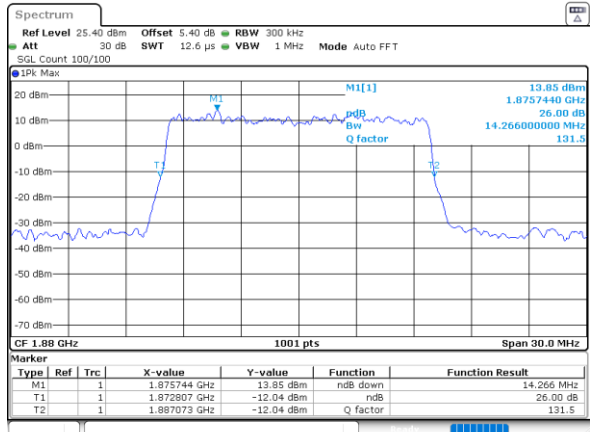
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 17.APR.2025 10:05:15

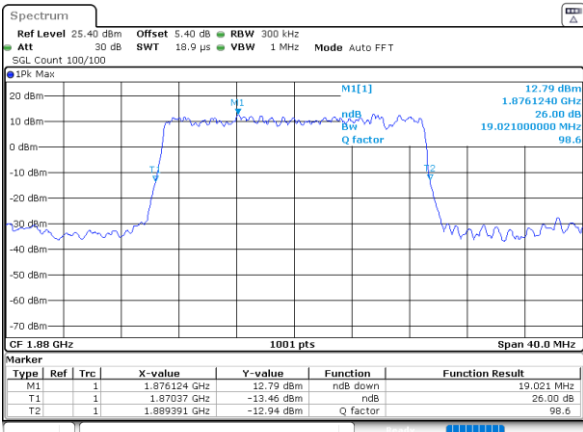
Middle Channel / 15MHz / 16QAM



Date: 17.APR.2025 10:06:09

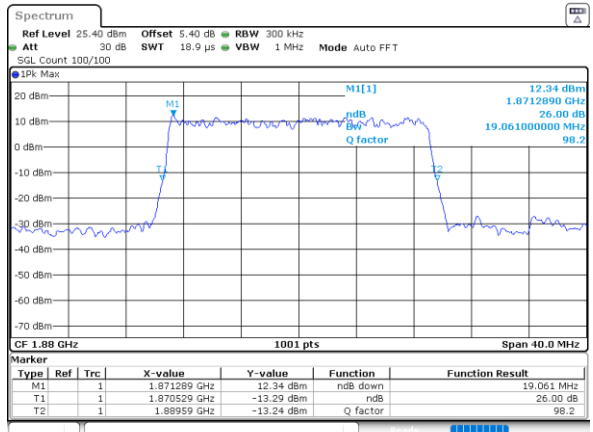
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 17.APR.2025 10:30:38

Middle Channel / 20MHz / 16QAM



Date: 17.APR.2025 10:31:35



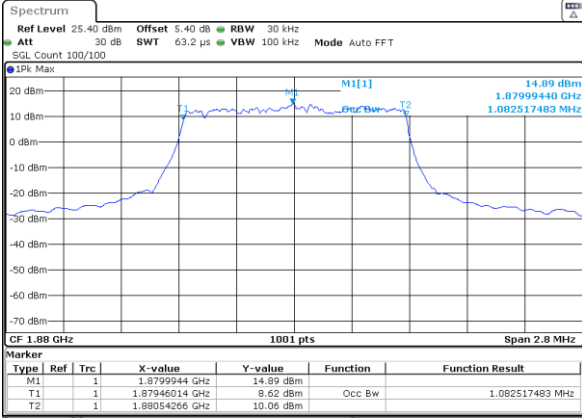
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.08
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.71
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.50
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.03
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.55	13.46
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86



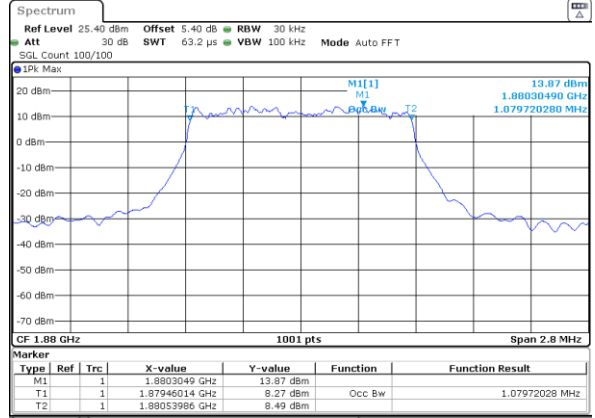
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 17_APR_2025 05:08:51

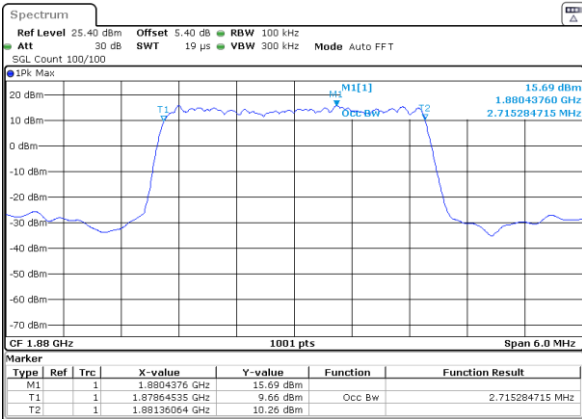
Middle Channel / 1.4MHz / 16QAM



Date: 17_APR_2025 05:10:17

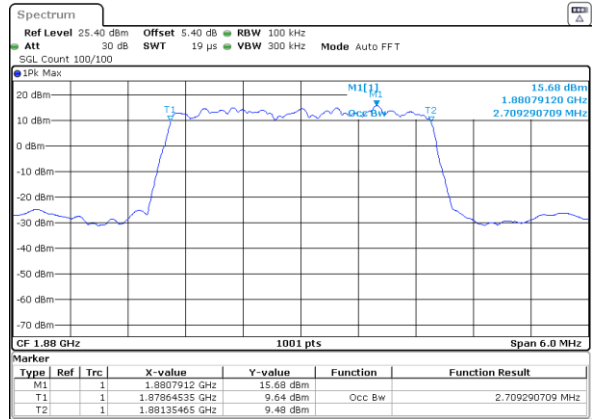
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 17_APR_2025 05:51:59

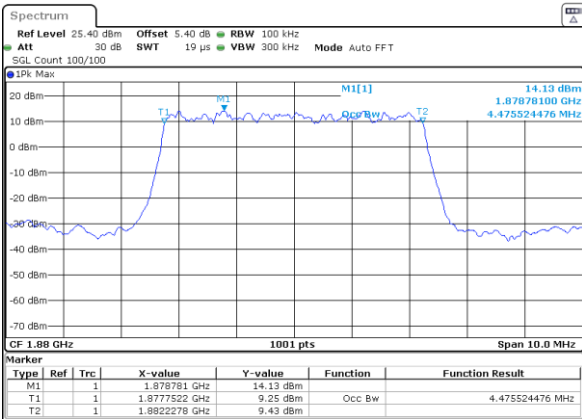
Middle Channel / 3MHz / 16QAM



Date: 17_APR_2025 05:52:53

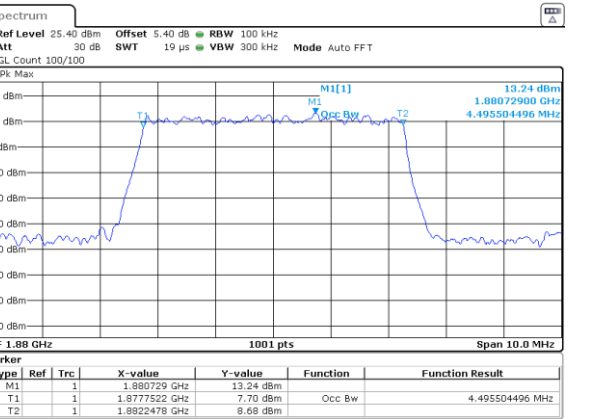
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 17_APR_2025 09:17:41

Middle Channel / 5MHz / 16QAM

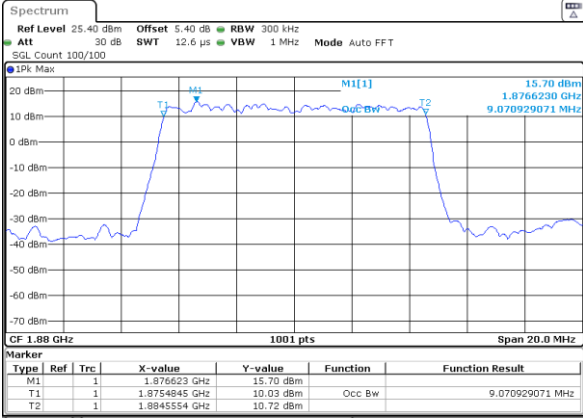


Date: 17_APR_2025 09:18:06



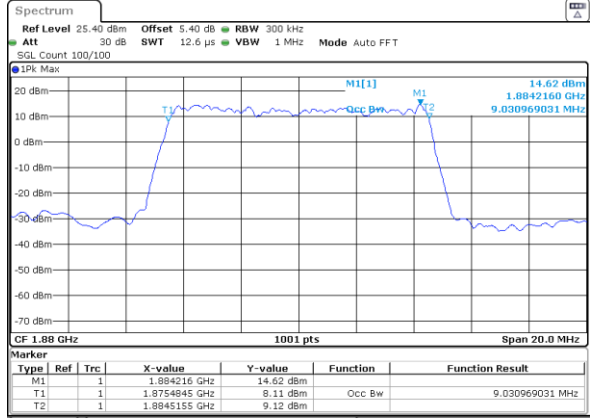
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 17.APR.2025 09:42:15

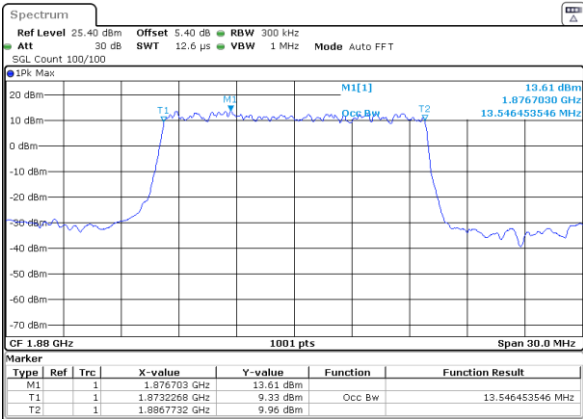
Middle Channel / 10MHz / 16QAM



Date: 17.APR.2025 09:42:41

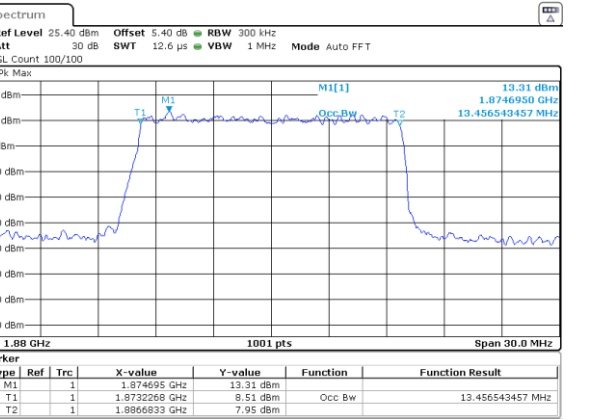
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 17.APR.2025 10:05:29

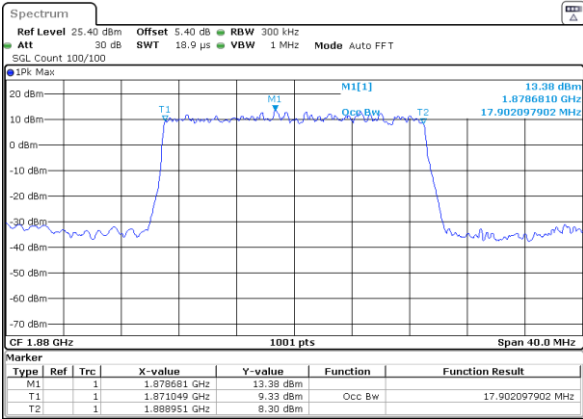
Middle Channel / 15MHz / 16QAM



Date: 17.APR.2025 10:05:55

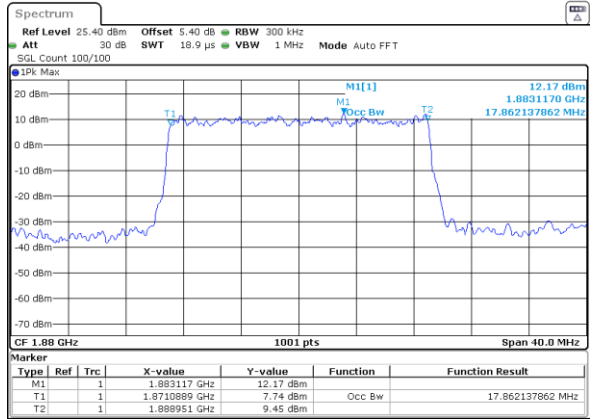
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 17.APR.2025 10:30:52

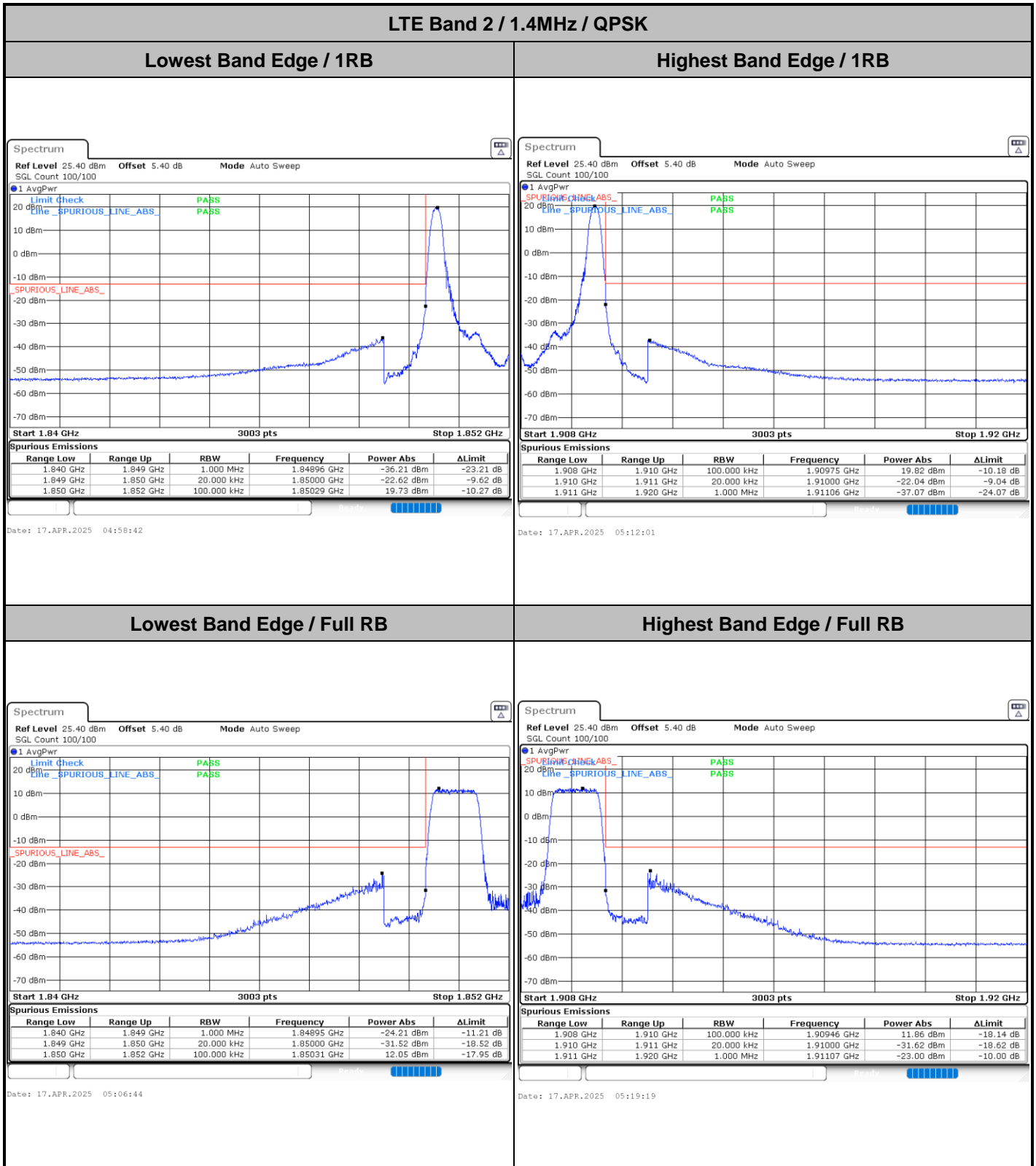
Middle Channel / 20MHz / 16QAM



Date: 17.APR.2025 10:31:49



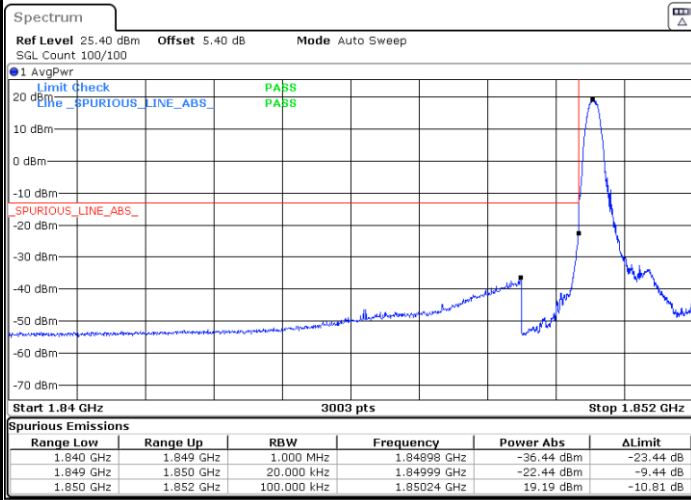
Conducted Band Edge





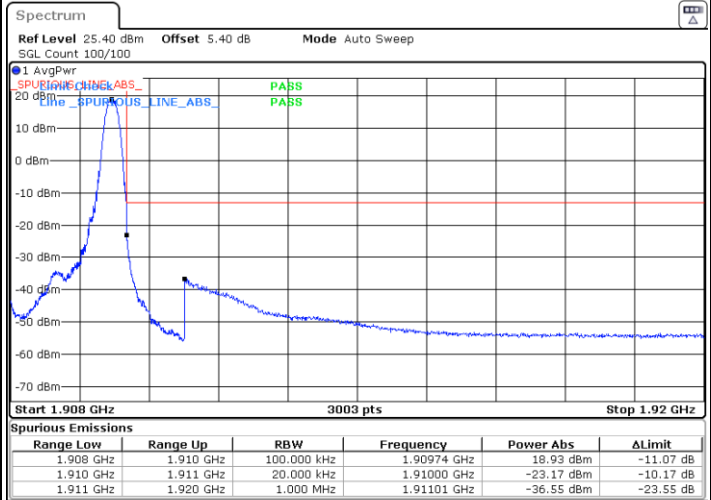
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



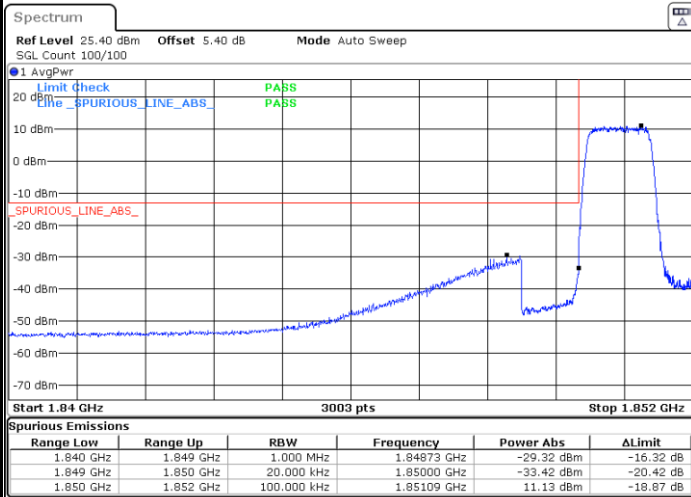
Date: 17.APR.2025 04:59:44

Highest Band Edge / 1 RB



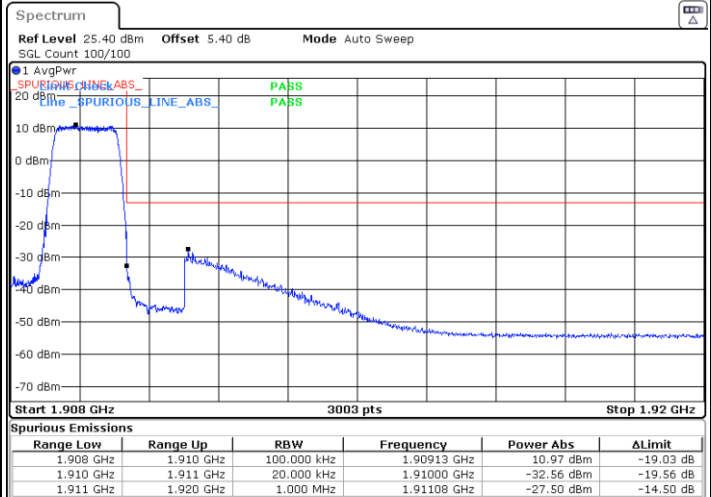
Date: 17.APR.2025 05:13:06

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:05:42

Highest Band Edge / Full RB

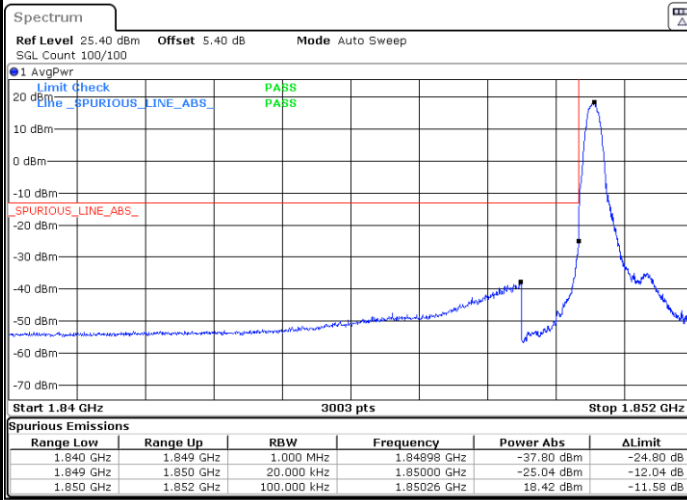


Date: 17.APR.2025 05:18:17



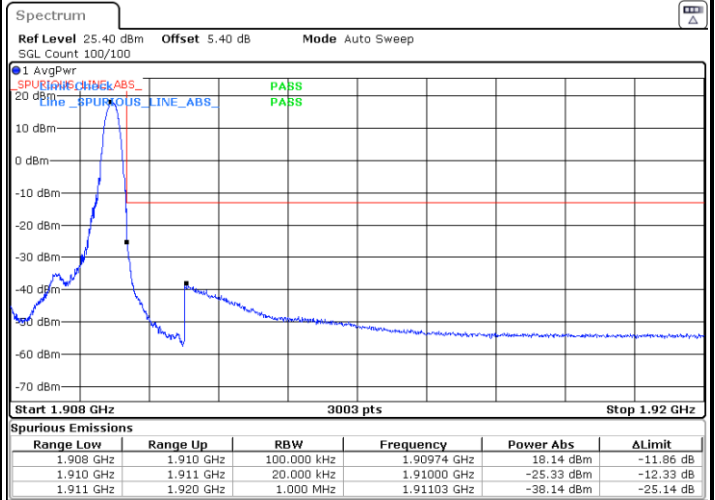
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



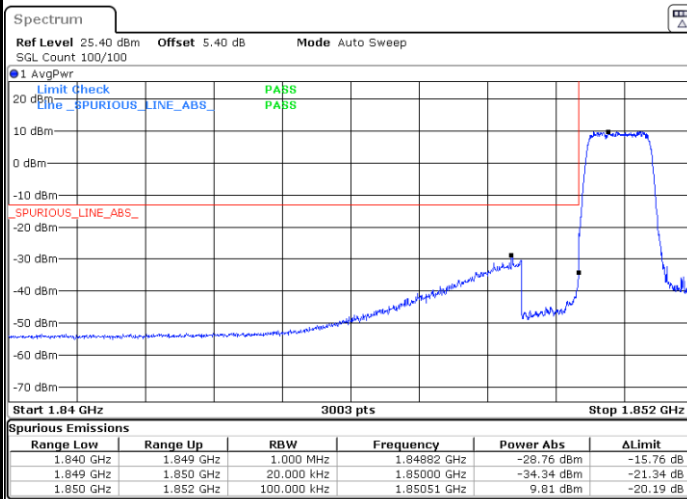
Date: 17.APR.2025 05:00:47

Highest Band Edge / 1 RB



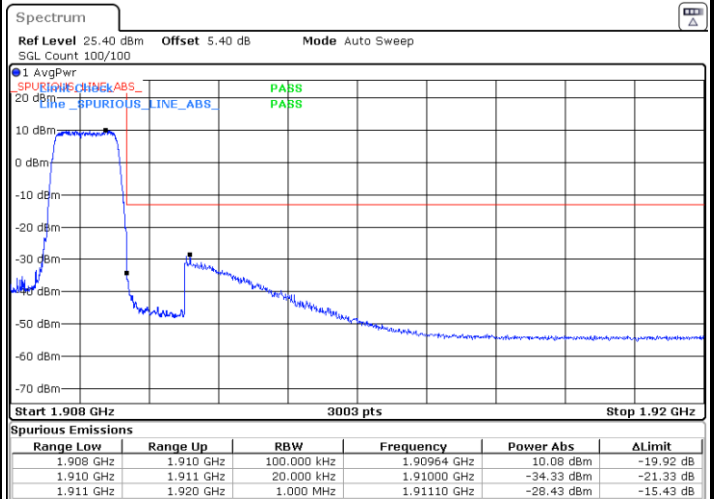
Date: 17.APR.2025 05:14:08

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:04:40

Highest Band Edge / Full RB

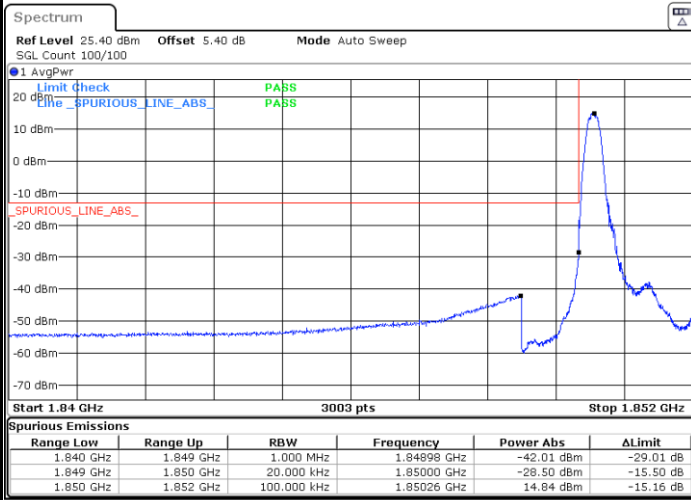


Date: 17.APR.2025 05:17:15



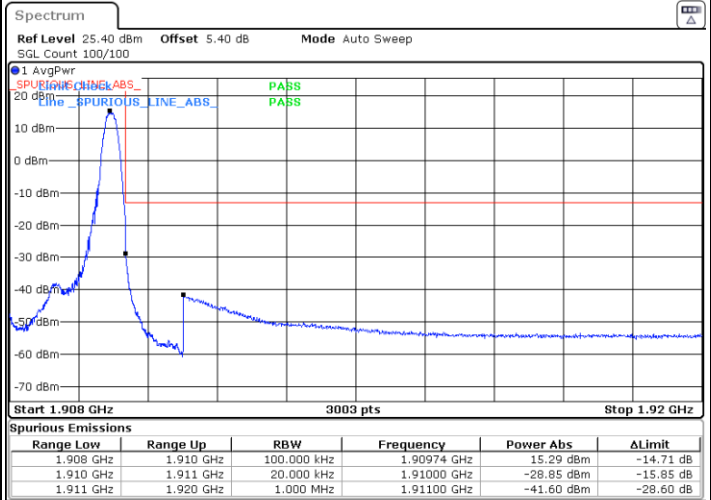
LTE Band 2 / 1.4MHz /256QAM

Lowest Band Edge / 1 RB



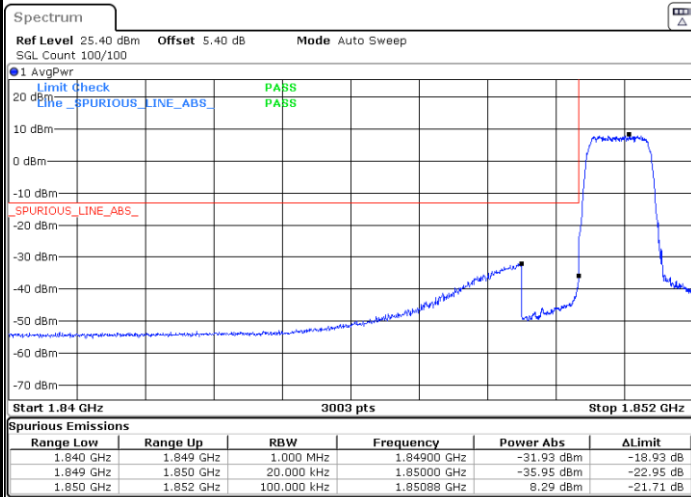
Date: 17.APR.2025 05:01:49

Highest Band Edge / 1 RB



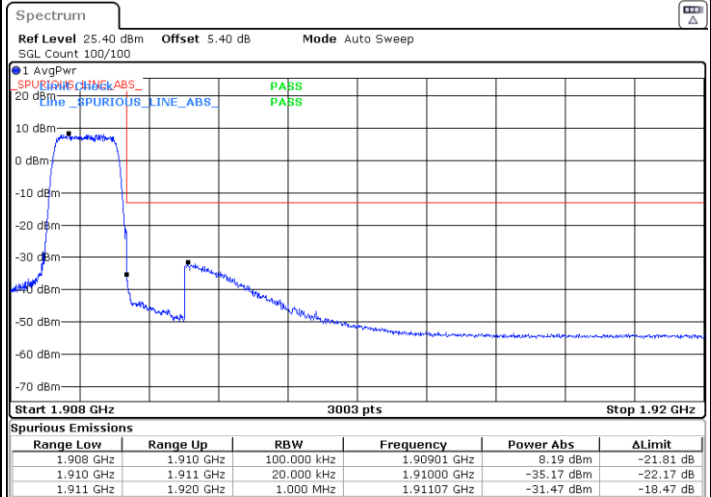
Date: 17.APR.2025 05:15:10

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:03:38

Highest Band Edge / Full RB

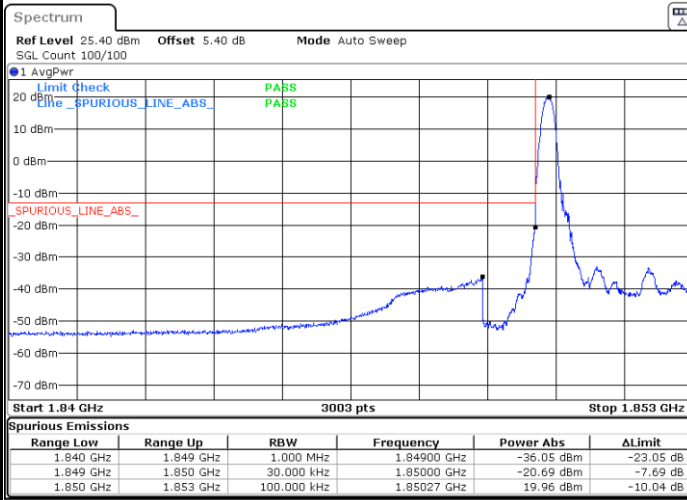


Date: 17.APR.2025 05:16:13



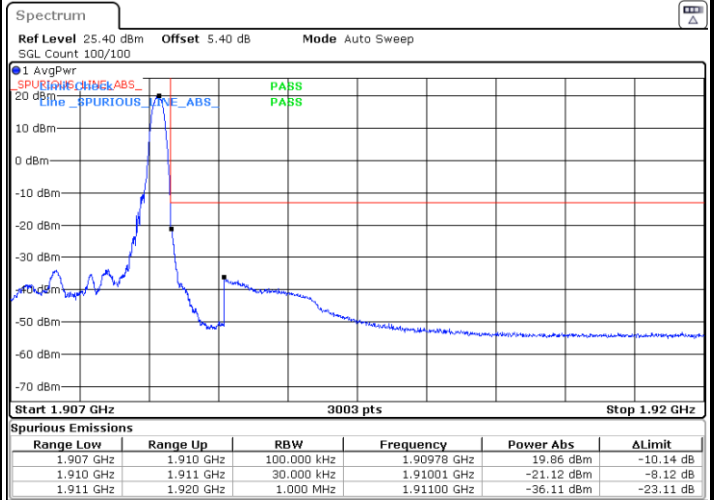
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



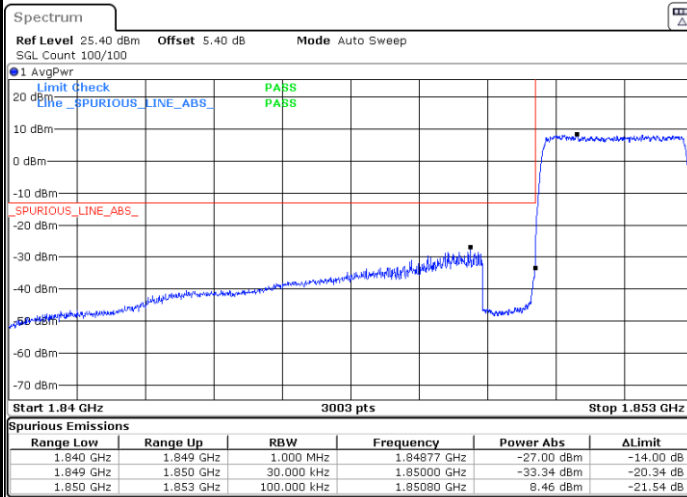
Date: 17.APR.2025 05:42:01

Highest Band Edge / 1 RB



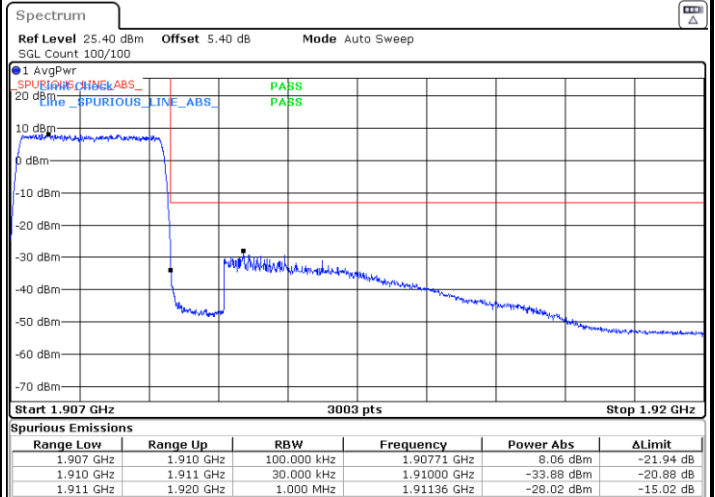
Date: 17.APR.2025 05:55:23

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:50:05

Highest Band Edge / Full RB

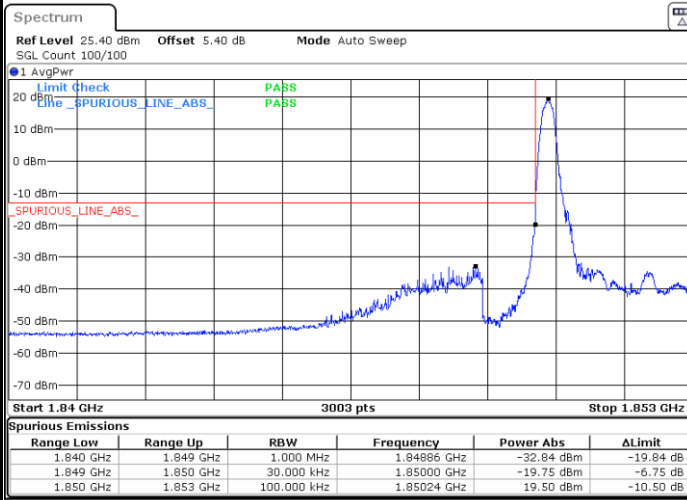


Date: 17.APR.2025 06:02:42



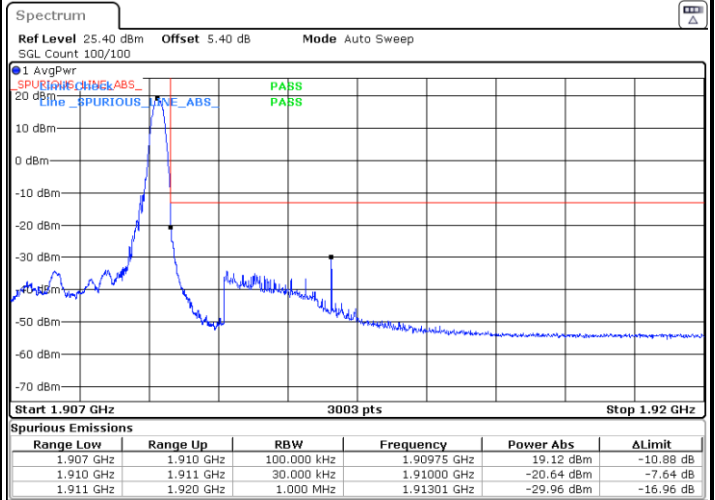
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



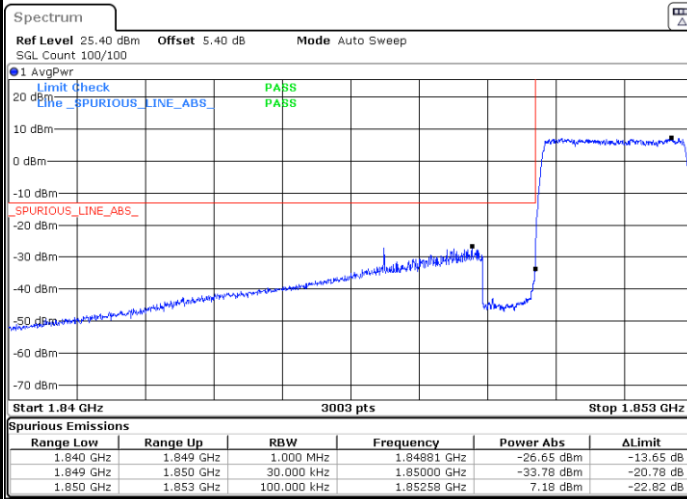
Date: 17.APR.2025 05:43:06

Highest Band Edge / 1 RB



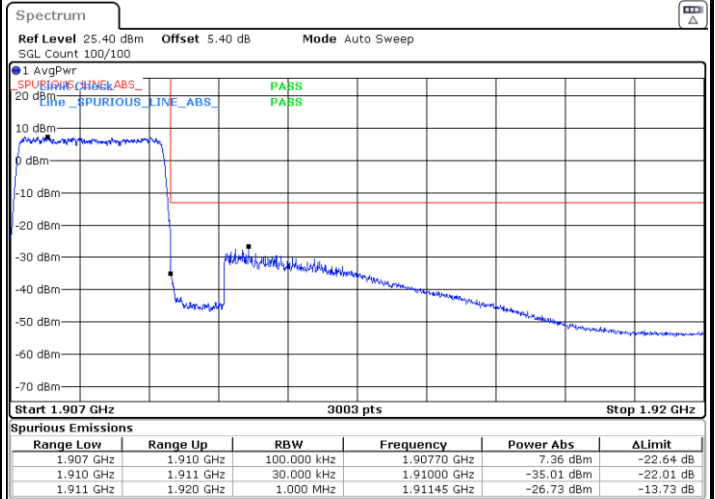
Date: 17.APR.2025 05:56:28

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:49:03

Highest Band Edge / Full RB

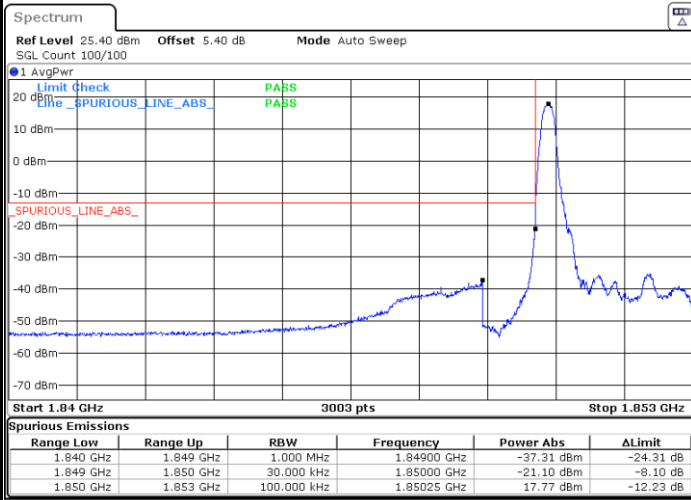


Date: 17.APR.2025 06:01:40



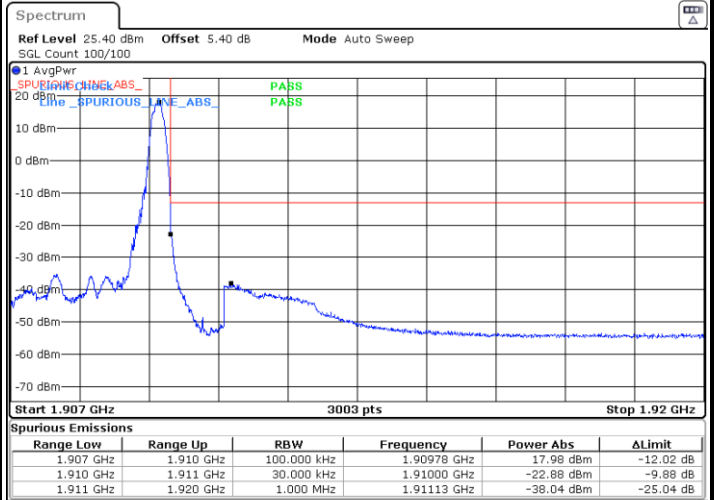
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



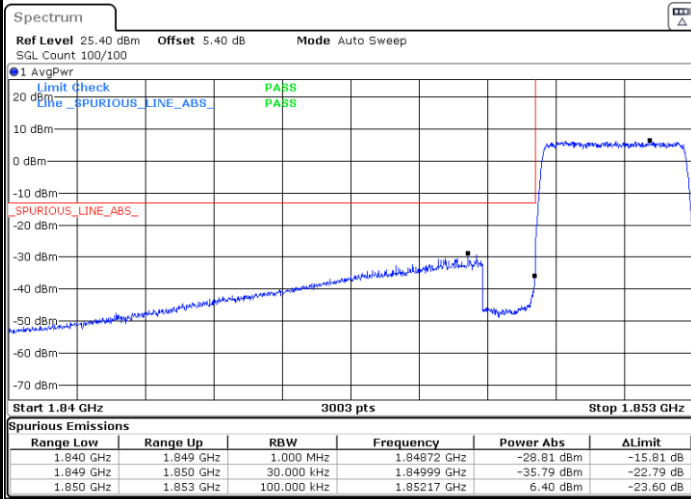
Date: 17.APR.2025 05:44:08

Highest Band Edge / 1 RB



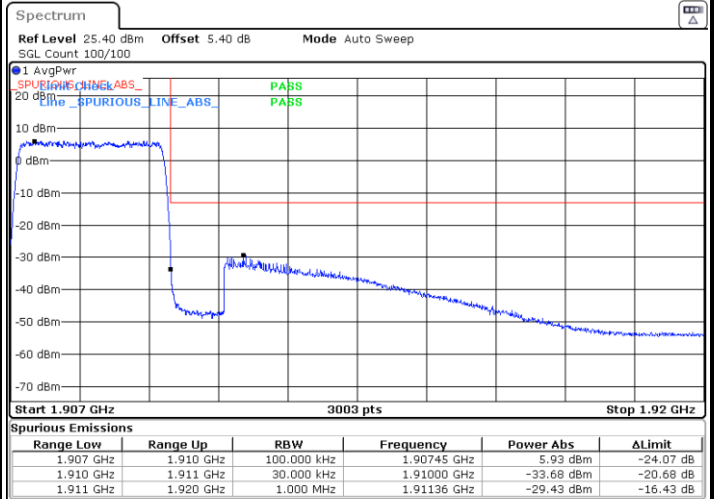
Date: 17.APR.2025 05:57:31

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:48:01

Highest Band Edge / Full RB

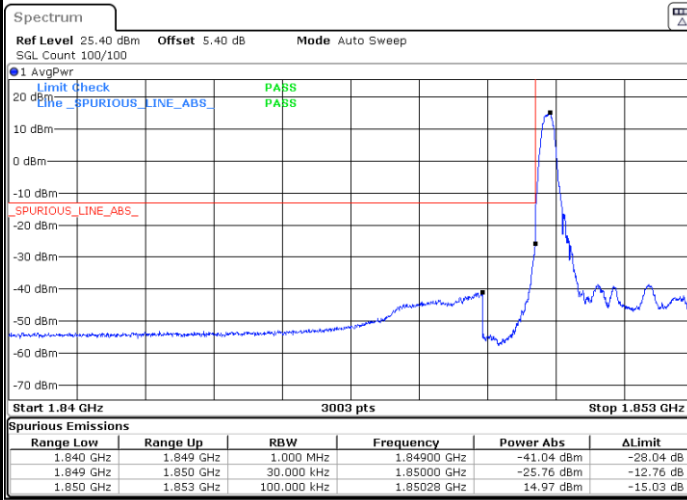


Date: 17.APR.2025 06:00:38



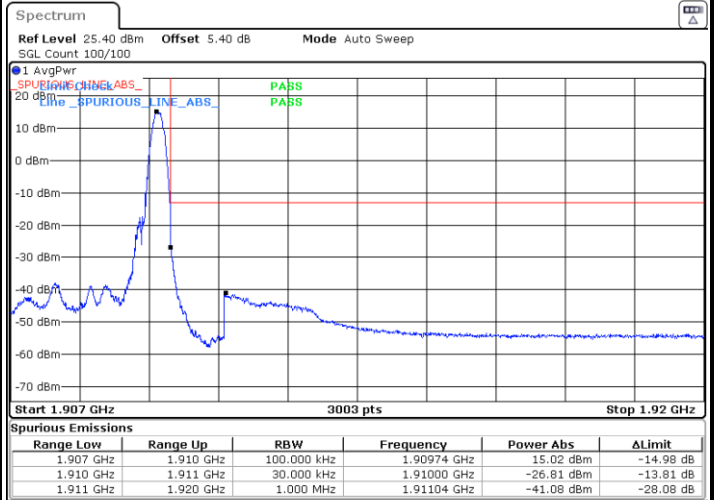
LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



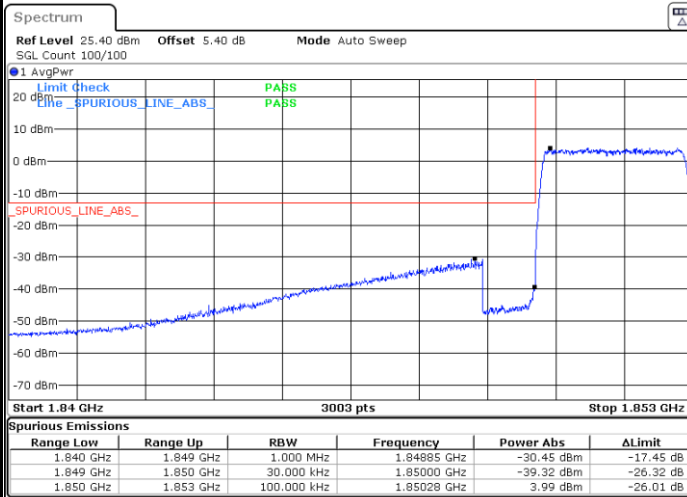
Date: 17.APR.2025 05:45:10

Highest Band Edge / 1 RB



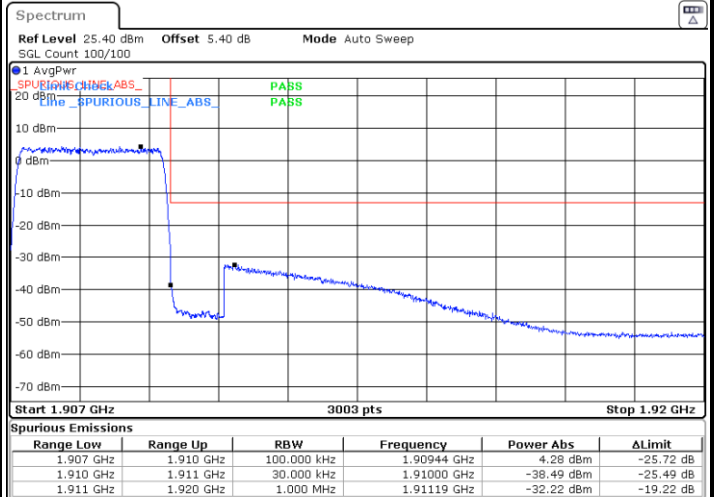
Date: 17.APR.2025 05:58:33

Lowest Band Edge / Full RB



Date: 17.APR.2025 05:46:59

Highest Band Edge / Full RB

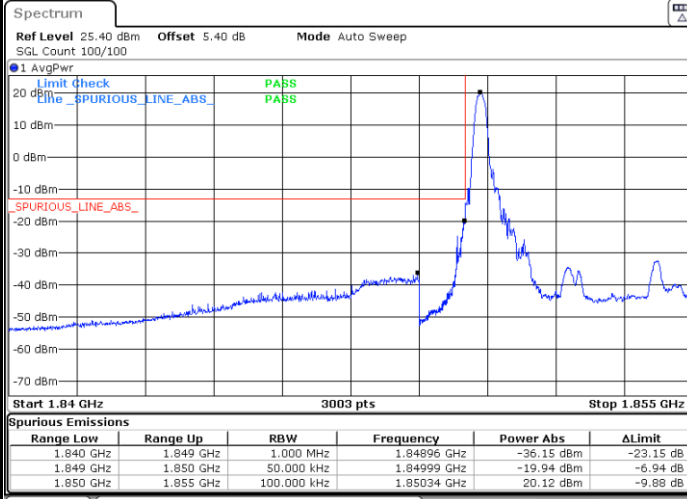


Date: 17.APR.2025 05:59:35



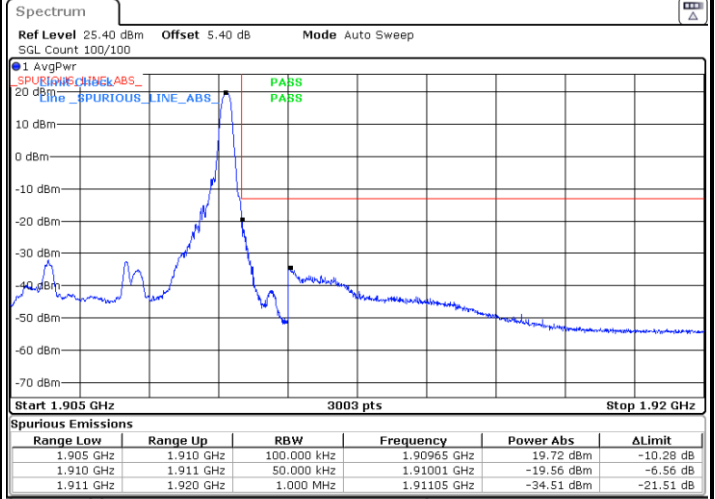
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



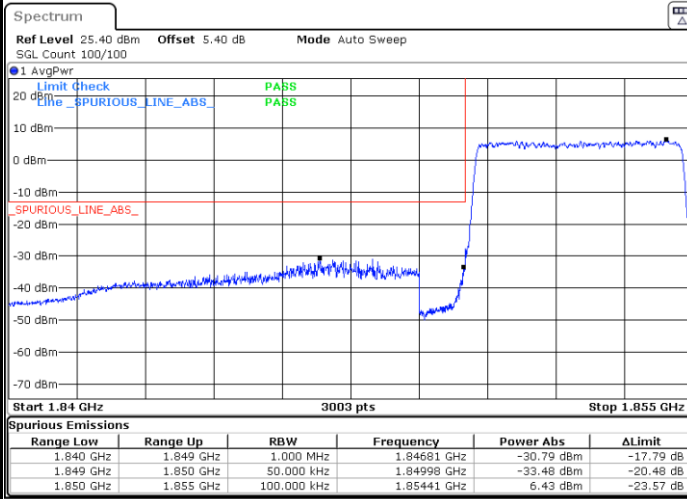
Date: 17.APR.2025 09:07:28

Highest Band Edge / 1 RB



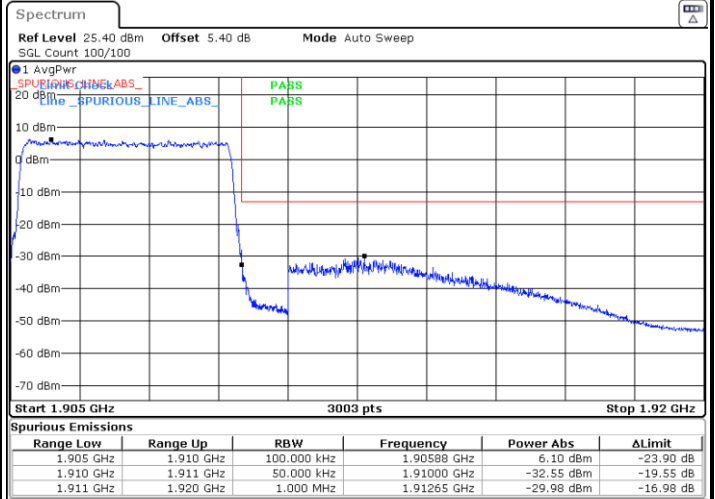
Date: 17.APR.2025 09:20:50

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:15:33

Highest Band Edge / Full RB

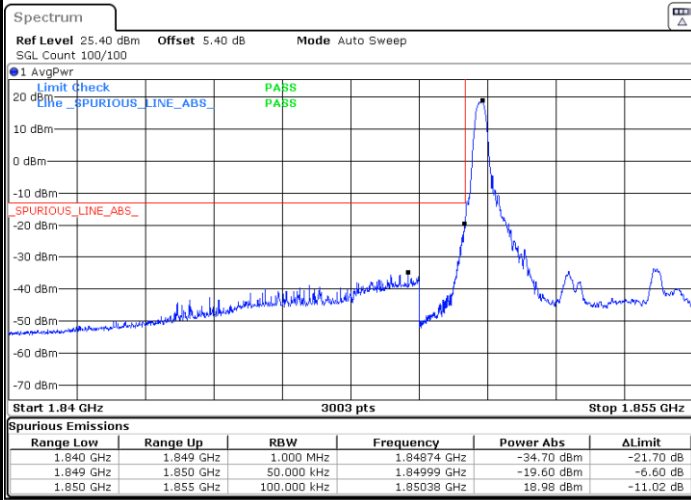


Date: 17.APR.2025 09:28:12



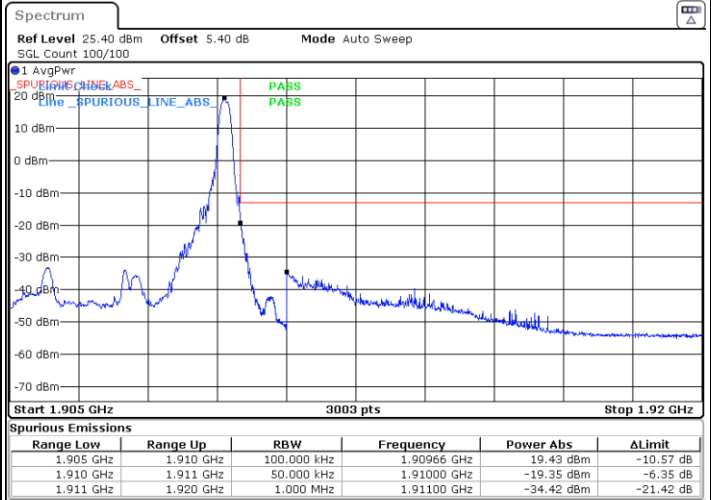
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



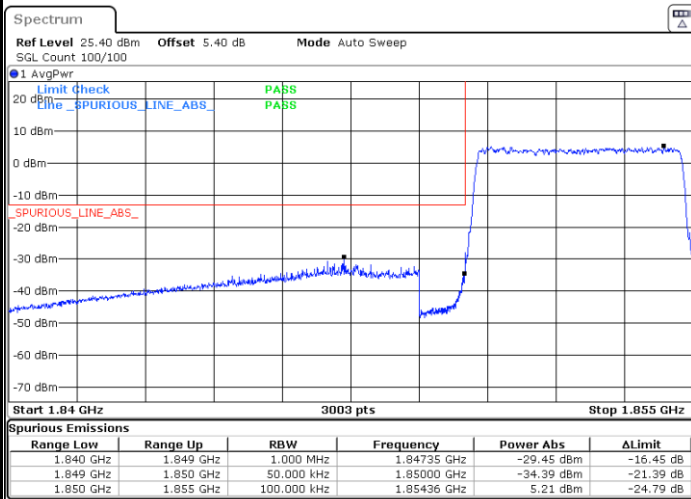
Date: 17.APR.2025 09:08:33

Highest Band Edge / 1 RB



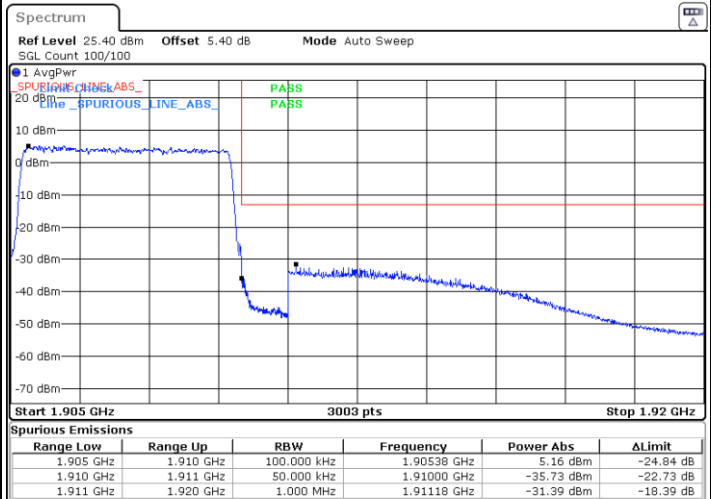
Date: 17.APR.2025 09:21:56

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:14:31

Highest Band Edge / Full RB

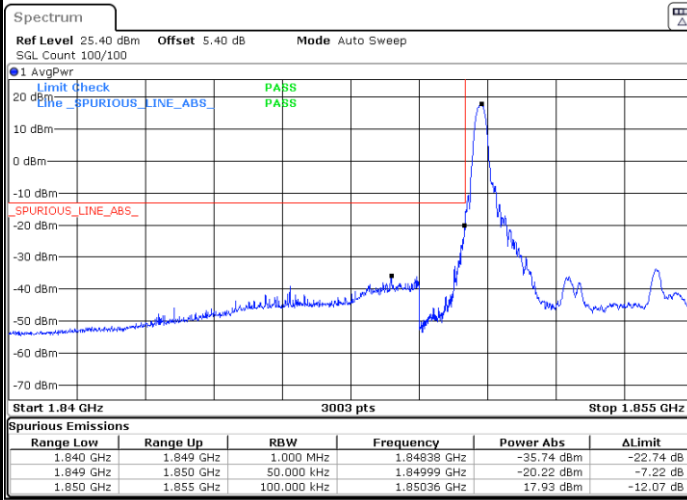


Date: 17.APR.2025 09:27:09



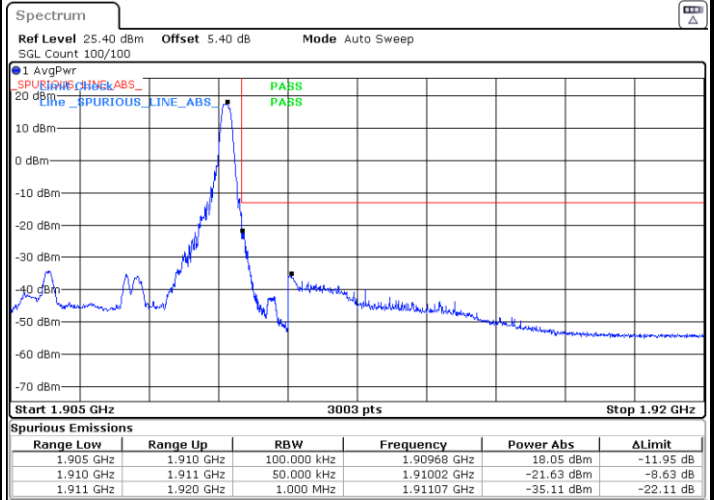
LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1RB



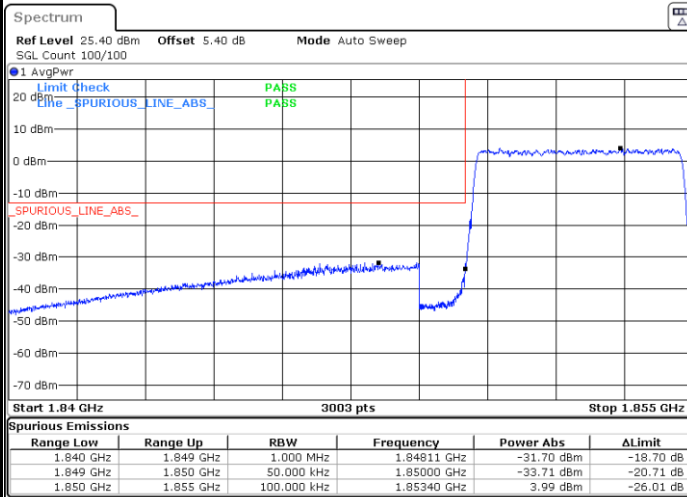
Date: 17.APR.2025 09:09:35

Highest Band Edge / 1 RB



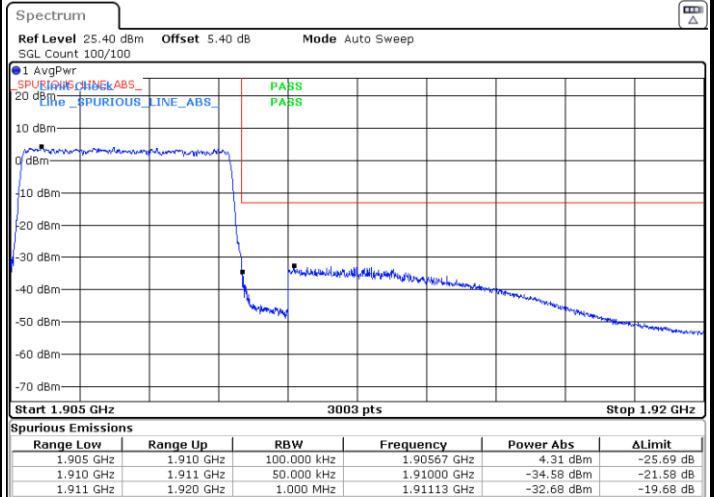
Date: 17.APR.2025 09:22:58

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:13:28

Highest Band Edge / Full RB

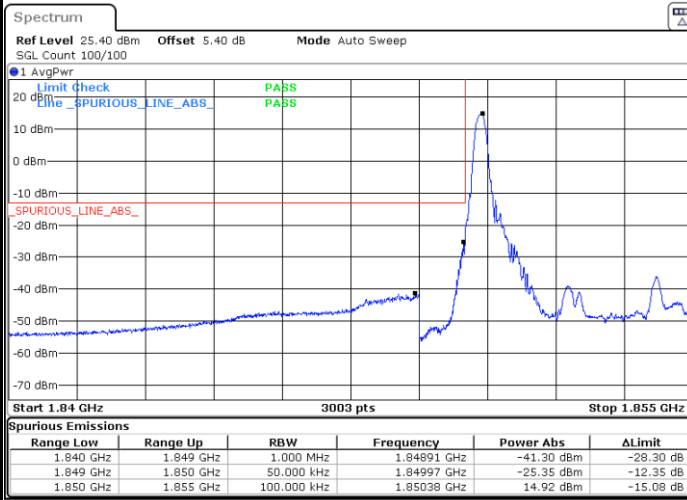


Date: 17.APR.2025 09:26:07



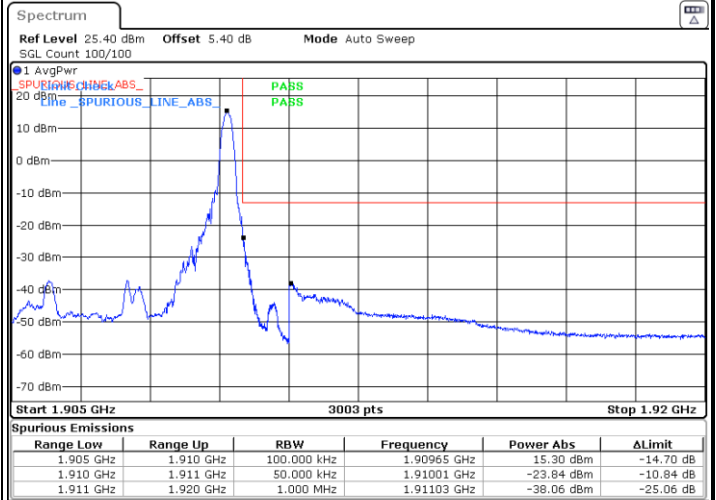
LTE Band 2 / 5MHz / 256QAM

Lowest Band Edge / 1RB



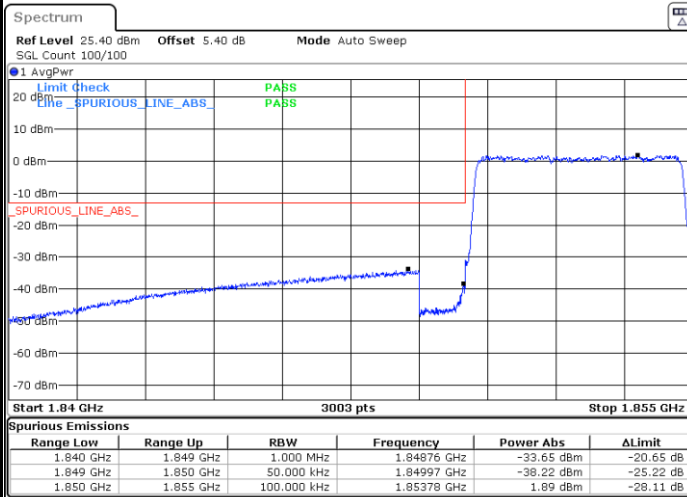
Date: 17.APR.2025 09:10:37

Highest Band Edge / 1 RB



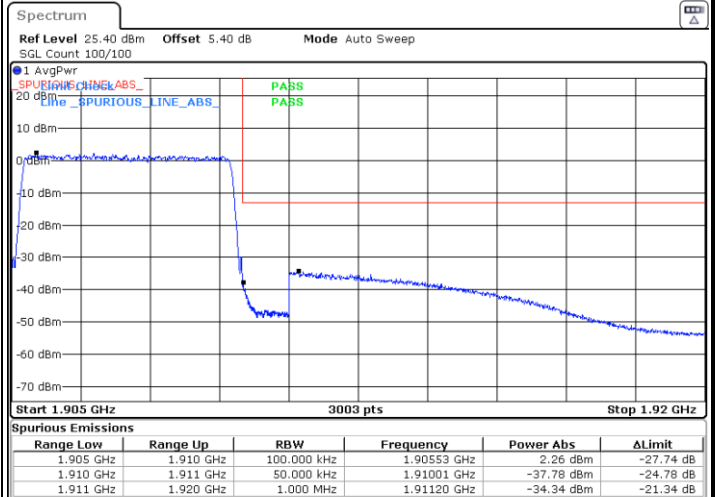
Date: 17.APR.2025 09:24:00

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:12:26

Highest Band Edge / Full RB

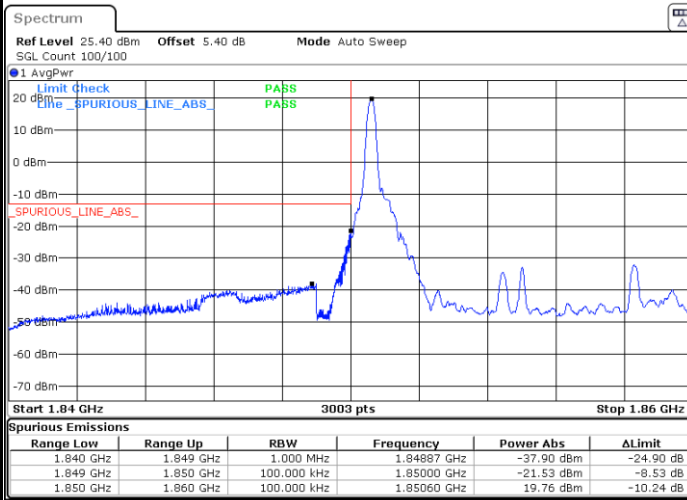


Date: 17.APR.2025 09:25:02



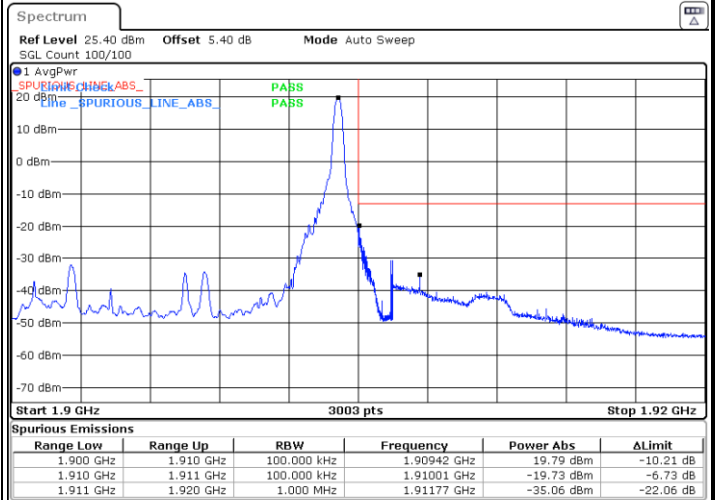
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



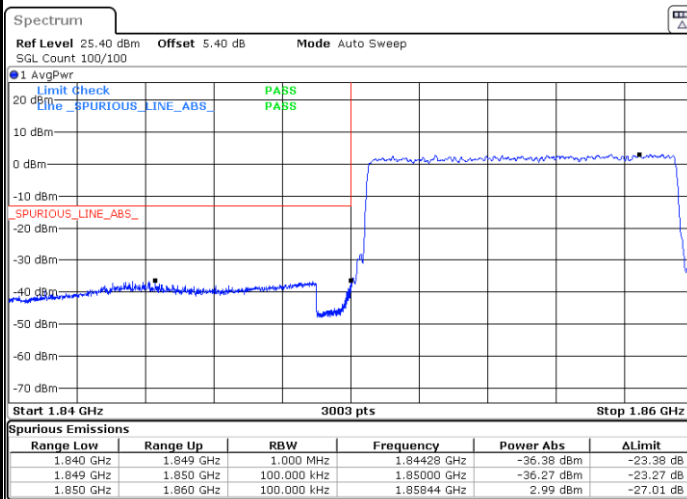
Date: 17.APR.2025 09:32:49

Highest Band Edge / 1 RB



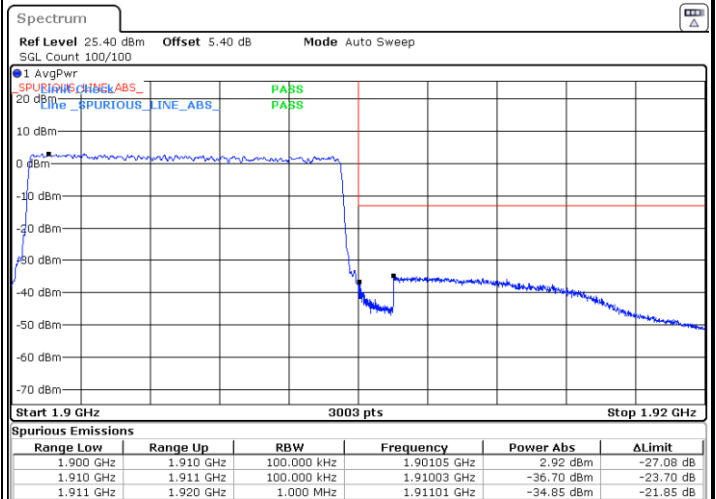
Date: 17.APR.2025 09:45:18

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:40:07

Highest Band Edge / Full RB

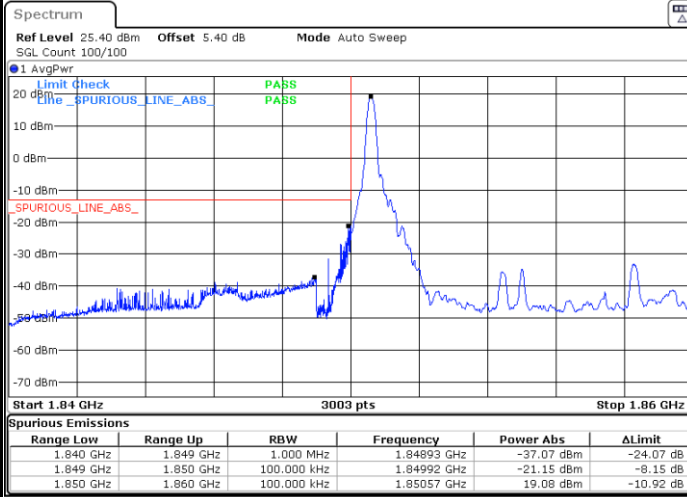


Date: 17.APR.2025 09:51:47



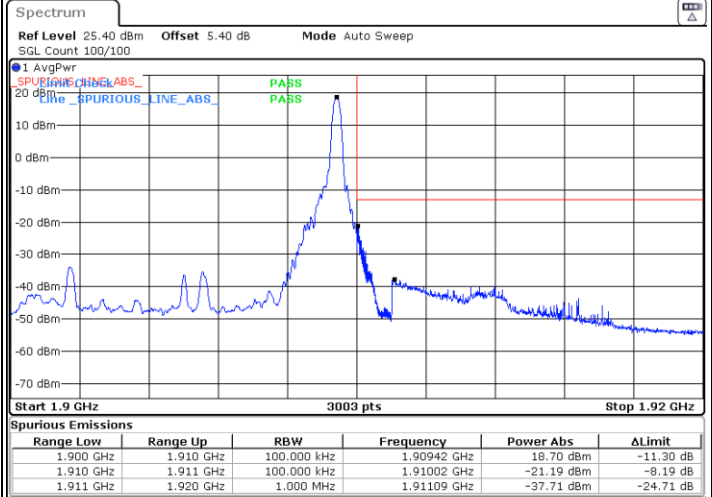
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



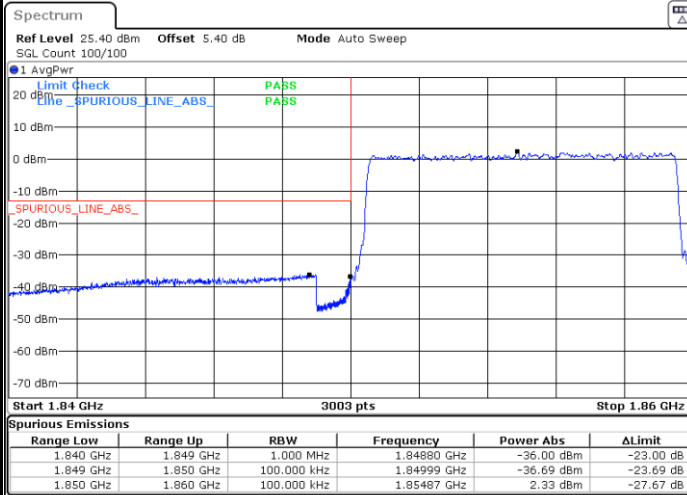
Date: 17.APR.2025 09:33:54

Highest Band Edge / 1 RB



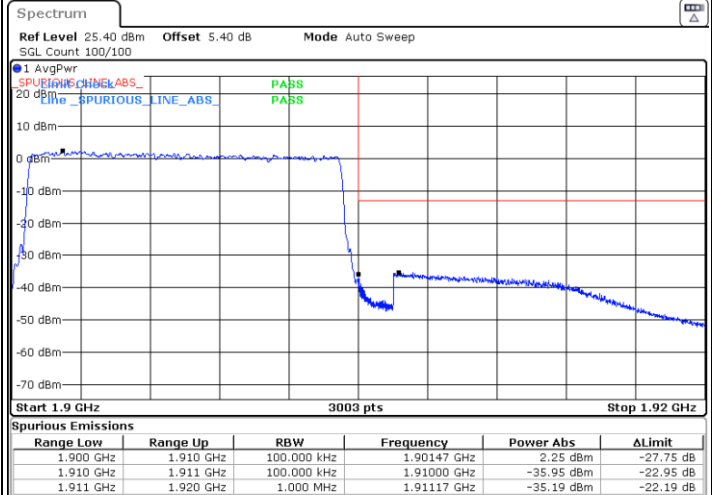
Date: 17.APR.2025 09:46:16

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:39:05

Highest Band Edge / Full RB



Date: 17.APR.2025 09:50:52