



FCC RF Test Report

APPLICANT : Shenzhen Zolon Technology Co.,Ltd.
EQUIPMENT : Smart Computer
BRAND NAME : ZOLON
MODEL NAME : M11
FCC ID : 2AV5BM11
STANDARD : 47 CFR Part 27(M)
CLASSIFICATION : PCS Licensed Transmitter (PCB)
TEST DATE(S) : Jun. 12, 2025 ~ Jul. 10, 2025

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

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

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG552610D	Rev. 01	Initial issue of report	Sep. 08, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 7) (Band 38) (Band 41)	EIRP < 2Watt	PASS	-
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)	§27.53(m)(4)	PASS	-
3.8	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])	PASS	-
3.9	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])	PASS	Under limit 19.64 dB at 7752.00 MHz

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Applicant

Shenzhen Zolon Technology Co.,Ltd.

401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen City, Guangdong Province, P.R.C

1.2 Manufacturer

Shenzhen Zolon Technology Co.,Ltd.

401, Building 3, Shenzhen Software Park, Maling Community, Yuehai Sub-district, Nanshan District, Shenzhen City, Guangdong Province, P.R.C

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Computer
Brand Name	ZOLON
Model Name	M11
FCC ID	2AV5BM11
IMEI Code	Conducted: 869153080002831 Radiation: 869153080002196
HW Version	V02
SW Version	0.00.00.20250521
EUT Stage	Production Unit

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz
Rx Frequency	LTE Band 7: 2620 MHz ~ 2690 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz
Bandwidth	LTE Band 7: 5MHz/ 10MHz / 15MHz / 20MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<Ant.2> LTE Band 7: 22.86 dBm LTE Band 38: 22.78 dBm LTE Band 41: 21.88 dBm <Ant.3> LTE Band 7: 23.33 dBm LTE Band 38: 23.23 dBm LTE Band 41: 25.10 dBm LTE Band 7C: 22.90 dBm LTE Band 38C: 22.94 dBm LTE Band 41C: 21.92 dBm
Antenna Gain	<Ant.2> LTE Band 7/41: 0.94 dBi LTE Band 38: 0.78 dBi <Ant.3> LTE Band 7/38/41: 1.03 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

Note:

1. The maximum EIRP is calculated from max output power and max antenna gain, so only the maximum EIRP of Antenna 3 for LTE Band 7/38/41 is shown in the report.
2. The device supports two PAs for LTE Band 7/38/41 (main PA on Ant.3 and other PA on Ant.2), both the PAs are full tested, only the worst EIRP are shown.
3. The device supports HPUE mode for LTE Band 41 single carrier.

1.5 Modification of EUT

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

1.6 Maximum EIRP and Emission Designator

LTE Band 7		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2655	4M50G7D	0.2244	4M48W7D
10	2505.0 ~ 2565.0	0.2667	9M03G7D	0.2218	9M05W7D
15	2507.5 ~ 2562.5	0.2710	13M5G7D	0.2223	13M5W7D
20	2510.0 ~ 2560.0	0.2729	17M8G7D	0.2280	17M9W7D
LTE Band 38		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.2606	4M49G7D	0.2056	4M50W7D
10	2575.0 ~ 2615.0	0.2661	9M05G7D	0.2104	9M03W7D
15	2577.5 ~ 2612.5	0.2642	13M5G7D	0.2089	13M5W7D
20	2580.0 ~ 2610.0	0.2667	17M9G7D	0.2109	17M9W7D
LTE Band 41		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.3990	4M50G7D	0.3342	4M51W7D
10	2501.0 ~ 2685.0	0.4018	9M07G7D	0.3404	9M07W7D
15	2503.5 ~ 2682.5	0.3981	13M6G7D	0.3381	13M5W7D
20	2506.0 ~ 2680.0	0.4102	17M9G7D	0.3412	17M9W7D



LTE Band 7 CA	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10MHz+20MHz	0.2449	27M8G7D	0.2128	28M2W7D
15MHz+15MHz	0.2438	28M7G7D	0.2104	28M6W7D
15MHz+20MHz	0.2427	32M9G7D	0.2109	32M9W7D
15MHz+10MHz	0.2421	23M3G7D	0.2104	23M3W7D
20MHz+10MHz	0.2415	28M1G7D	0.2118	28M1W7D
20MHz+15MHz	0.2455	32M8G7D	0.2138	32M9W7D
20MHz+20MHz	0.2472	37M6G7D	0.2143	37M8W7D
LTE Band 38 CA	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
15MHz+15MHz	0.2495	28M7G7D	0.1977	28M6W7D
20MHz+20MHz	0.2421	37M6G7D	0.1932	37M6W7D
LTE Band 41 CA	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz	0.1968	23M3G7D	0.1581	23M3W7D
10MHz+20MHz	0.1932	27M8G7D	0.1574	28M0W7D
10MHz+15MHz	0.1945	23M6G7D	0.1578	23M4W7D
15MHz+15MHz	0.1954	28M7G7D	0.1596	29M0W7D
15MHz+20MHz	0.1932	32M8G7D	0.1567	33M0W7D
15MHz+10MHz	0.1950	23M5G7D	0.1574	23M4W7D
20MHz+5MHz	0.1941	23M3G7D	0.1596	23M,3W7D
20MHz+10MHz	0.1932	28M1G7D	0.1592	28M4W7D
20MHz+15MHz	0.1972	32M9G7D	0.1600	32M7W7D
20MHz+20MHz	0.1954	37M6G7D	0.1585	37M6W7D

Note: All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

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

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ 03CH02-SZ	CN1256	421272

1.8 Test Software

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

1.9 Applicable Standards

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

- ♦ 47 CFR Part 27(M)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

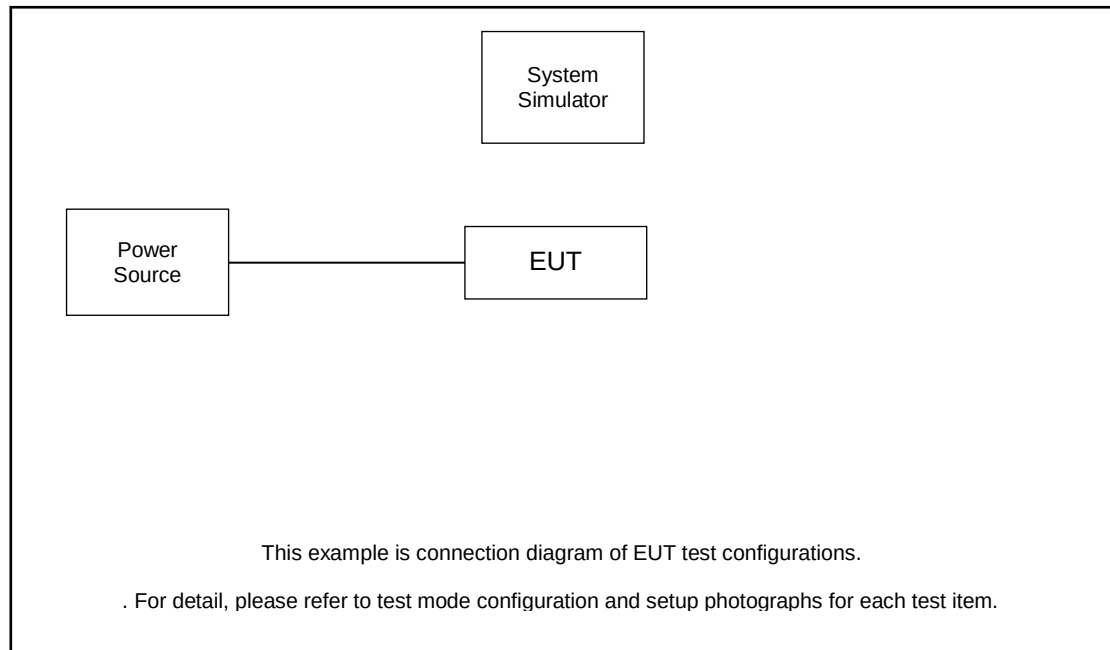
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

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	7	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
Peak-to-Average Ratio	7	-	-				v	v	v	v	-			v		v	
	38	-	-				v	v	v	v	-			v		v	
	41	-	-				v	v	v	v	-			v		v	
26dB and 99% Bandwidth	7	-	-	v	v	v	v	v	v		-			v		v	
	38			v	v	v	v	v	v		-			v		v	
	41	-	-	v	v	v	v	v	v		-			v		v	
Conducted Band Edge	7	-	-	v	v	v	v	v	v	v	-	v		v	v		v
	38	-	-	v	v	v	v	v	v	v	-	v		v	v		v
	41	-	-	v	v	v	v	v	v	v	-	v		v	v		v
Conducted Spurious Emission	7	-	-	v	v	v	v	v			-	v			v	v	v
	38	-	-	v	v	v	v	v			-	v			v	v	v
	41	-	-	v	v	v	v	v			-	v			v	v	v
Frequency Stability	7	-	-	v				v			-			v		v	
	38	-	-	v				v			-			v		v	
	41	-	-	v				v			-			v		v	
E.I.R.P	7	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
Radiated Spurious Emission	7	Worst Case													v	v	v
	38	Worst Case													v	v	v
	41	Worst Case													v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																



Test Items	Band	Bandwidth (MHz)										Modulation			RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v		v	v	v	v
	38C_CA	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
26dB and 99% Bandwidth	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v				v		v	
	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v				v		v	
	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v				v		v	
Conducted Band Edge	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v		v	v		v
	38C_CA	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
Conducted Spurious Emission	7C_CA	v	v	v	v	v	-	-	v	v	-	v			v			v	v	v
	38C_CA	v	-	-	-	-	-	-	v	-	-	v			v			v	v	v
	41C_CA	v	v	v	v	v	v	v	v	v	v	v			v			v	v	v
E.I.R.P.	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v		v	v	v	v
	38C_CA	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
Radiated Spurious Emission	7C_CA	Worst Case																v	v	v
	38C_CA	Worst Case																v	v	v
	41C_CA	Worst Case																v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																			

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.0 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 5.0 + 10 = 15.0 \text{ (dB)}
 \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

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

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



LTE Band 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



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

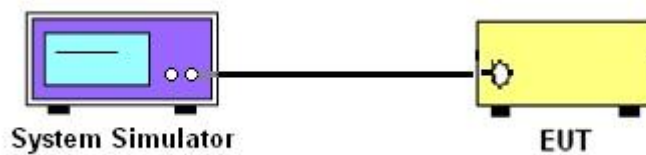
3 Conducted Test Items

3.1 Measuring Instruments

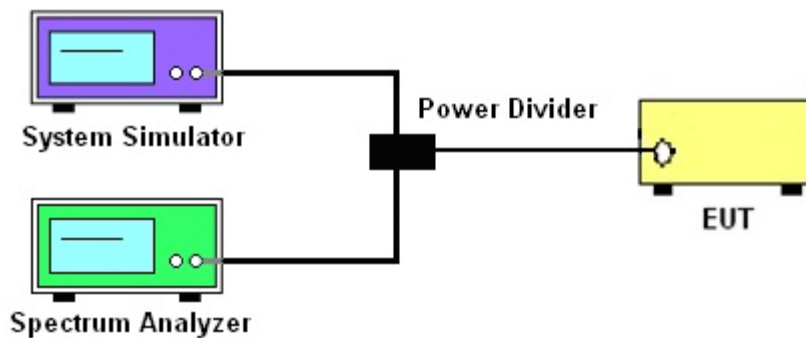
See list of measuring instruments of this test report.

3.2 Test Setup

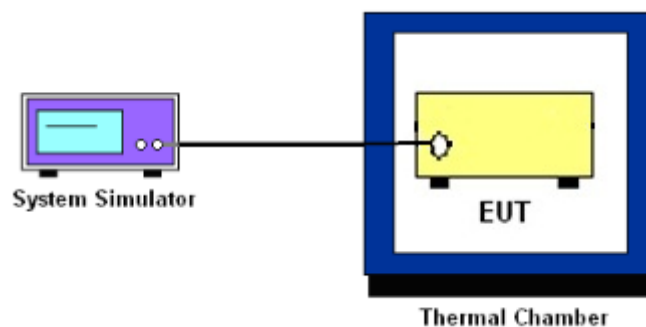
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and EIRP

3.4.1 Description of the Conducted Output Power Measurement and 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 EIRP of mobile transmitters must not exceed 2 Watts for Band 7 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

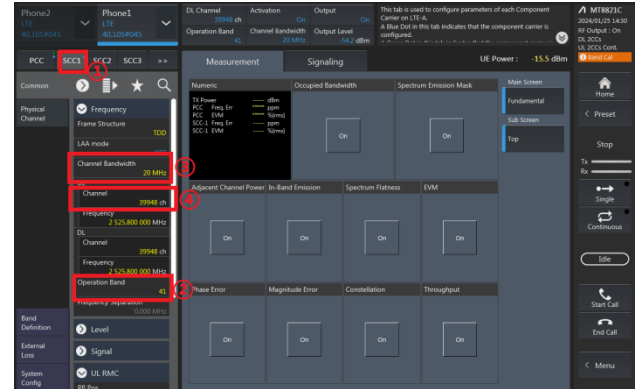
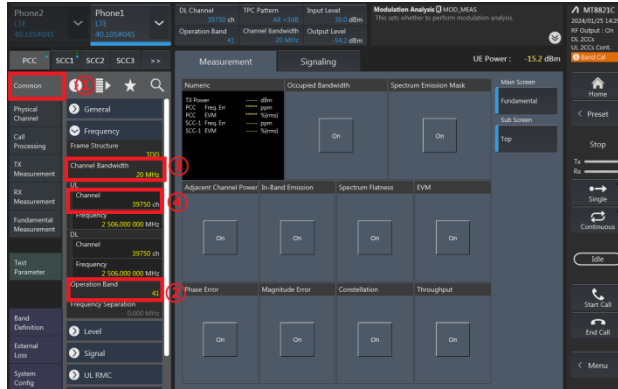
L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

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.

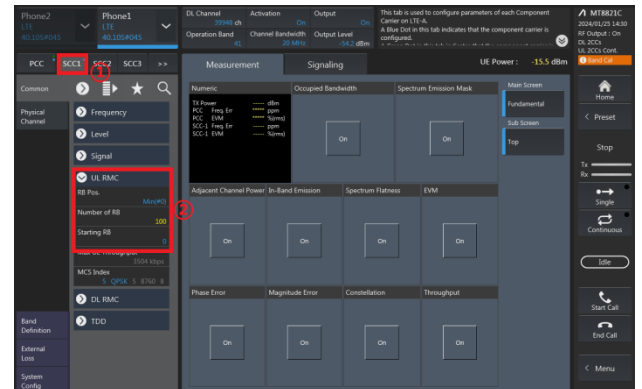
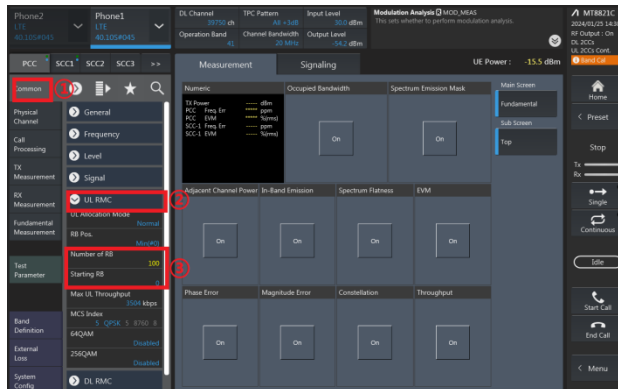
3.4.3 Test Procedures for LTE ULCA

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)

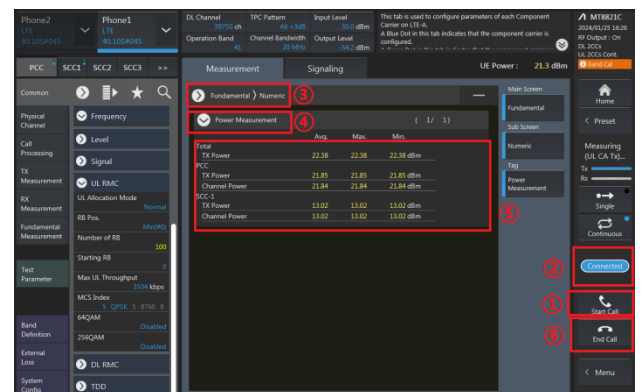
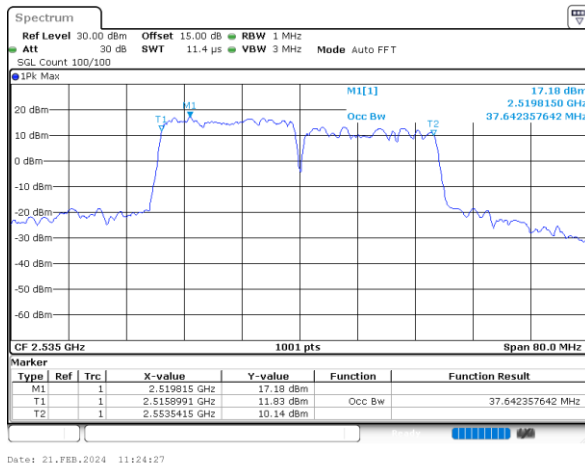
SCC config_(Number of RB / Starting RB)



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

27.53(m)(4)

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

3.7.2 Test Procedures

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

Example:

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

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

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

9. For LTE Band 7, 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.

When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

For Band 7,38,41:

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

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

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

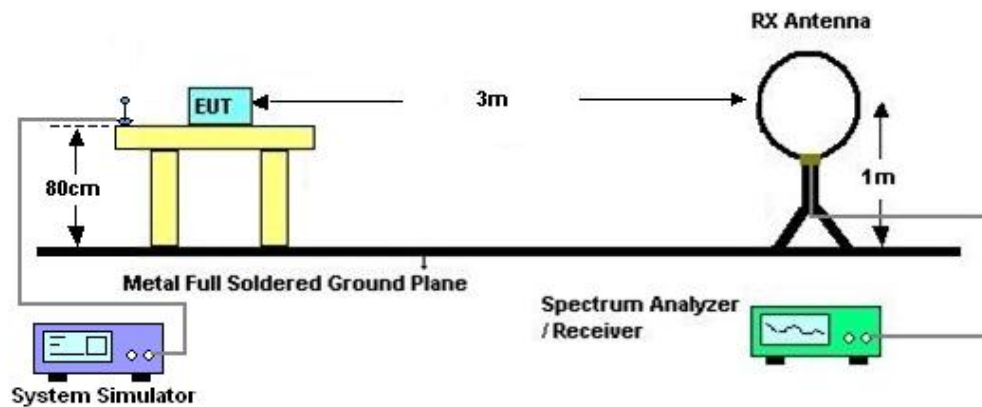
4 Radiated Test Items

4.1 Measuring Instruments

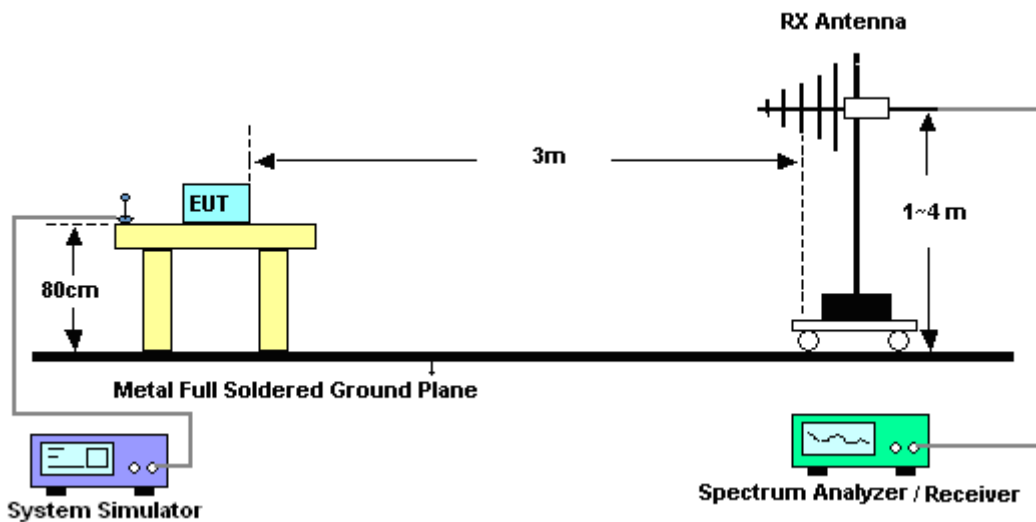
See list of measuring instruments of this test report.

4.2 Test Setup

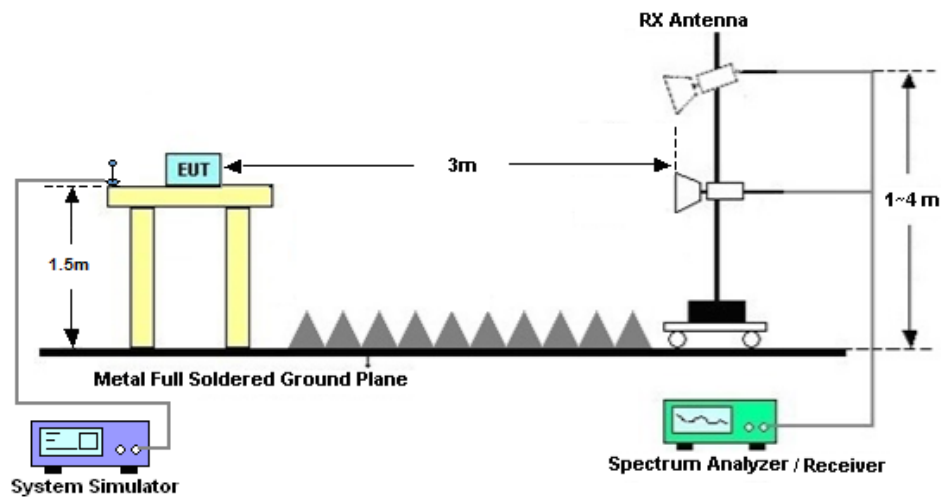
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For Band 7, 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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

13. For Band 7, 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
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Jul. 10, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 10, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2023	Jul. 10, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Jul. 10, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 10, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 03, 2025	Jul. 10, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz~3GHz	Dec. 25, 2024	Jul. 10, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jul. 10, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 14, 2024	Jul. 10, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Jul. 10, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Jul. 10, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Jul. 10, 2025	NCR	Radiation (03CH02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jun. 12, 2025~ Jun. 25, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct.14,2024	Jun. 12, 2025~ Jun. 25, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jun. 12, 2025~ Jun. 25, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Jun. 12, 2025~ Jun. 25, 2025	Jul. 01, 2026	Conducted (TH01-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47dB
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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))	3.31dB
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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))	3.72dB
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----- THE END -----



Appendix A. Test Results of Conducted Test

Test Engineer :	Lorenzo Liu	Temperature :	24~26℃
		Relative Humidity :	50~53%

Conducted Output Power(Average power) and EIRP

LTE Band 7_ANT3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	23.05	23.09	23.11	0.2559	0.2582	0.2594
20	QPSK	1	49	23.27	23.33	23.31	0.2692	0.2729	0.2716
20	QPSK	1	99	23.02	23.04	23.12	0.2541	0.2553	0.2600
20	QPSK	50	0	22.31	22.34	22.28	0.2158	0.2173	0.2143
20	QPSK	50	24	22.20	22.32	22.25	0.2104	0.2163	0.2128
20	QPSK	50	50	22.22	22.19	22.06	0.2113	0.2099	0.2037
20	QPSK	100	0	22.21	22.25	22.17	0.2109	0.2128	0.2089
20	16QAM	1	0	22.30	22.37	22.33	0.2153	0.2188	0.2168
20	16QAM	1	49	22.55	22.44	22.46	0.2280	0.2223	0.2234
20	16QAM	1	99	22.23	22.35	22.31	0.2118	0.2178	0.2158
20	16QAM	50	0	21.22	21.31	21.26	0.1679	0.1714	0.1694
20	16QAM	50	24	21.21	21.31	21.28	0.1675	0.1714	0.1702
20	16QAM	50	50	21.23	21.17	21.10	0.1683	0.1660	0.1633
20	16QAM	100	0	21.14	21.24	21.21	0.1648	0.1687	0.1675
20	64QAM	1	0	21.29	21.22	21.15	0.1706	0.1679	0.1652
20	64QAM	1	49	21.35	21.38	21.43	0.1730	0.1742	0.1762
20	64QAM	1	99	21.19	21.25	21.24	0.1667	0.1690	0.1687
20	64QAM	50	0	20.17	20.30	20.31	0.1318	0.1358	0.1361
20	64QAM	50	24	20.25	20.27	20.29	0.1343	0.1349	0.1355
20	64QAM	50	50	20.19	20.16	20.06	0.1324	0.1315	0.1285
20	64QAM	100	0	20.18	20.22	20.19	0.1321	0.1334	0.1324
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	23.03	22.95	22.97	0.2547	0.2500	0.2512
15	QPSK	1	37	23.23	23.30	23.30	0.2667	0.2710	0.2710
15	QPSK	1	74	22.90	22.96	22.99	0.2472	0.2506	0.2523
15	QPSK	36	0	22.18	22.32	22.14	0.2094	0.2163	0.2075
15	QPSK	36	20	22.13	22.21	22.19	0.2070	0.2109	0.2099
15	QPSK	36	39	22.11	22.11	21.93	0.2061	0.2061	0.1977
15	QPSK	75	0	22.12	22.19	22.03	0.2065	0.2099	0.2023



15	16QAM	1	0	22.15	22.25	22.19	0.2080	0.2128	0.2099
15	16QAM	1	37	22.44	22.31	22.43	0.2223	0.2158	0.2218
15	16QAM	1	74	22.08	22.20	22.17	0.2046	0.2104	0.2089
15	16QAM	36	0	21.15	21.20	21.17	0.1652	0.1671	0.1660
15	16QAM	36	20	21.13	21.30	21.20	0.1644	0.1710	0.1671
15	16QAM	36	39	21.12	21.14	20.96	0.1641	0.1648	0.1581
15	16QAM	75	0	21.08	21.09	21.06	0.1626	0.1629	0.1618
15	64QAM	1	0	21.28	21.13	21.09	0.1702	0.1644	0.1629
15	64QAM	1	37	21.26	21.24	21.33	0.1694	0.1687	0.1722
15	64QAM	1	74	21.05	21.12	21.16	0.1614	0.1641	0.1656
15	64QAM	36	0	20.10	20.29	20.24	0.1297	0.1355	0.1340
15	64QAM	36	20	20.21	20.14	20.25	0.1330	0.1309	0.1343
15	64QAM	36	39	20.07	20.03	20.00	0.1288	0.1276	0.1268
15	64QAM	75	0	20.17	20.18	20.15	0.1318	0.1321	0.1312
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	22.94	23.02	23.06	0.2495	0.2541	0.2564
10	QPSK	1	25	23.13	23.23	23.18	0.2606	0.2667	0.2636
10	QPSK	1	49	22.94	22.98	23.02	0.2495	0.2518	0.2541
10	QPSK	25	0	22.16	22.21	22.22	0.2084	0.2109	0.2113
10	QPSK	25	12	22.07	22.28	22.25	0.2042	0.2143	0.2128
10	QPSK	25	25	22.19	22.10	22.02	0.2099	0.2056	0.2018
10	QPSK	50	0	22.16	22.10	22.10	0.2084	0.2056	0.2056
10	16QAM	1	0	22.22	22.24	22.31	0.2113	0.2123	0.2158
10	16QAM	1	25	22.42	22.43	22.40	0.2213	0.2218	0.2203
10	16QAM	1	49	22.13	22.22	22.17	0.2070	0.2113	0.2089
10	16QAM	25	0	21.20	21.18	21.17	0.1671	0.1663	0.1660
10	16QAM	25	12	21.11	21.24	21.15	0.1637	0.1687	0.1652
10	16QAM	25	25	21.14	21.05	21.06	0.1648	0.1614	0.1618
10	16QAM	50	0	20.99	21.22	21.17	0.1592	0.1679	0.1660
10	64QAM	1	0	21.24	21.14	21.08	0.1687	0.1648	0.1626
10	64QAM	1	25	21.20	21.23	21.31	0.1671	0.1683	0.1714
10	64QAM	1	49	21.17	21.17	21.17	0.1660	0.1660	0.1660
10	64QAM	25	0	20.07	20.27	20.23	0.1288	0.1349	0.1337
10	64QAM	25	12	20.12	20.19	20.19	0.1303	0.1324	0.1324
10	64QAM	25	25	20.15	20.11	19.97	0.1312	0.1300	0.1259
10	64QAM	50	0	20.03	20.18	20.04	0.1276	0.1321	0.1279
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	23.04	23.06	23.06	0.2553	0.2564	0.2564
5	QPSK	1	12	23.21	23.21	23.17	0.2655	0.2655	0.2630
5	QPSK	1	24	22.91	22.89	23.06	0.2477	0.2466	0.2564
5	QPSK	12	0	22.21	22.23	22.12	0.2109	0.2118	0.2065
5	QPSK	12	7	22.17	22.25	22.24	0.2089	0.2128	0.2123
5	QPSK	12	13	22.18	22.14	22.02	0.2094	0.2075	0.2018
5	QPSK	25	0	22.14	22.16	22.10	0.2075	0.2084	0.2056
5	16QAM	1	0	22.26	22.28	22.32	0.2133	0.2143	0.2163



5	16QAM	1	12	22.48	22.40	22.41	0.2244	0.2203	0.2208
5	16QAM	1	24	22.11	22.33	22.27	0.2061	0.2168	0.2138
5	16QAM	12	0	21.10	21.24	21.25	0.1633	0.1687	0.1690
5	16QAM	12	7	21.13	21.16	21.23	0.1644	0.1656	0.1683
5	16QAM	12	13	21.15	21.09	21.05	0.1652	0.1629	0.1614
5	16QAM	25	0	21.08	21.12	21.14	0.1626	0.1641	0.1648
5	64QAM	1	0	21.19	21.10	21.07	0.1667	0.1633	0.1622
5	64QAM	1	12	21.23	21.37	21.28	0.1683	0.1738	0.1702
5	64QAM	1	24	21.06	21.15	21.20	0.1618	0.1652	0.1671
5	64QAM	12	0	20.12	20.24	20.24	0.1303	0.1340	0.1340
5	64QAM	12	7	20.15	20.26	20.27	0.1312	0.1346	0.1349
5	64QAM	12	13	20.10	20.01	19.97	0.1297	0.1271	0.1259
5	64QAM	25	0	20.17	20.13	20.11	0.1318	0.1306	0.1300

LTE Band 38_ANT3

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	22.92	22.93	23.01	0.2483	0.2489	0.2535
20	QPSK	1	49	23.16	23.23	23.21	0.2624	0.2667	0.2655
20	QPSK	1	99	23.05	23.06	23.13	0.2559	0.2564	0.2606
20	QPSK	50	0	22.15	22.18	22.14	0.2080	0.2094	0.2075
20	QPSK	50	24	22.10	22.13	22.10	0.2056	0.2070	0.2056
20	QPSK	50	50	22.12	22.14	22.12	0.2065	0.2075	0.2065
20	QPSK	100	0	22.12	22.17	22.15	0.2065	0.2089	0.2080
20	16QAM	1	0	21.91	21.94	21.99	0.1968	0.1982	0.2004
20	16QAM	1	49	22.12	22.21	22.20	0.2065	0.2109	0.2104
20	16QAM	1	99	22.02	22.02	22.12	0.2018	0.2018	0.2065
20	16QAM	50	0	21.20	21.19	21.20	0.1671	0.1667	0.1671
20	16QAM	50	24	21.26	21.21	21.25	0.1694	0.1675	0.1690
20	16QAM	50	50	21.20	21.22	21.30	0.1671	0.1679	0.1710
20	16QAM	100	0	21.21	21.19	21.21	0.1675	0.1667	0.1675
20	64QAM	1	0	20.76	20.78	20.84	0.1510	0.1517	0.1538
20	64QAM	1	49	20.98	20.99	21.00	0.1589	0.1592	0.1596
20	64QAM	1	99	20.87	20.86	20.93	0.1549	0.1545	0.1570
20	64QAM	50	0	20.19	20.14	20.19	0.1324	0.1309	0.1324
20	64QAM	50	24	20.20	20.17	20.22	0.1327	0.1318	0.1334
20	64QAM	50	50	20.19	20.20	20.24	0.1324	0.1327	0.1340
20	64QAM	100	0	20.19	20.13	20.19	0.1324	0.1306	0.1324
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	22.80	22.90	22.91	0.2415	0.2472	0.2477
15	QPSK	1	37	23.03	23.19	23.07	0.2547	0.2642	0.2570
15	QPSK	1	74	22.98	22.91	23.08	0.2518	0.2477	0.2576
15	QPSK	36	0	22.01	22.10	22.07	0.2014	0.2056	0.2042



15	QPSK	36	20	22.07	21.99	22.03	0.2042	0.2004	0.2023
15	QPSK	36	39	22.06	22.10	22.06	0.2037	0.2056	0.2037
15	QPSK	75	0	22.10	22.06	22.01	0.2056	0.2037	0.2014
15	16QAM	1	0	21.76	21.85	21.98	0.1901	0.1941	0.2000
15	16QAM	1	37	22.09	22.17	22.17	0.2051	0.2089	0.2089
15	16QAM	1	74	21.89	21.99	22.08	0.1959	0.2004	0.2046
15	16QAM	36	0	21.16	21.04	21.16	0.1656	0.1611	0.1656
15	16QAM	36	20	21.24	21.20	21.24	0.1687	0.1671	0.1687
15	16QAM	36	39	21.14	21.17	21.25	0.1648	0.1660	0.1690
15	16QAM	75	0	21.10	21.05	21.11	0.1633	0.1614	0.1637
15	64QAM	1	0	20.71	20.72	20.74	0.1493	0.1496	0.1503
15	64QAM	1	37	20.83	20.90	20.94	0.1535	0.1560	0.1574
15	64QAM	1	74	20.78	20.81	20.78	0.1517	0.1528	0.1517
15	64QAM	36	0	20.07	20.07	20.13	0.1288	0.1288	0.1306
15	64QAM	36	20	20.12	20.10	20.21	0.1303	0.1297	0.1330
15	64QAM	36	39	20.09	20.19	20.16	0.1294	0.1324	0.1315
15	64QAM	75	0	20.09	20.10	20.13	0.1294	0.1297	0.1306
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	22.79	22.90	22.95	0.2410	0.2472	0.2500
10	QPSK	1	25	23.15	23.22	23.15	0.2618	0.2661	0.2618
10	QPSK	1	49	22.99	22.93	23.12	0.2523	0.2489	0.2600
10	QPSK	25	0	22.03	22.17	22.03	0.2023	0.2089	0.2023
10	QPSK	25	12	22.01	21.99	21.99	0.2014	0.2004	0.2004
10	QPSK	25	25	22.07	22.01	21.99	0.2042	0.2014	0.2004
10	QPSK	50	0	22.05	22.11	22.04	0.2032	0.2061	0.2028
10	16QAM	1	0	21.81	21.90	21.87	0.1923	0.1963	0.1950
10	16QAM	1	25	22.08	22.20	22.08	0.2046	0.2104	0.2046
10	16QAM	1	49	21.93	21.89	22.04	0.1977	0.1959	0.2028
10	16QAM	25	0	21.06	21.10	21.12	0.1618	0.1633	0.1641
10	16QAM	25	12	21.12	21.19	21.19	0.1641	0.1667	0.1667
10	16QAM	25	25	21.10	21.15	21.29	0.1633	0.1652	0.1706
10	16QAM	50	0	21.08	21.05	21.09	0.1626	0.1614	0.1629
10	64QAM	1	0	20.72	20.71	20.75	0.1496	0.1493	0.1507
10	64QAM	1	25	20.87	20.91	20.87	0.1549	0.1563	0.1549
10	64QAM	1	49	20.85	20.77	20.91	0.1542	0.1514	0.1563
10	64QAM	25	0	20.17	20.09	20.11	0.1318	0.1294	0.1300
10	64QAM	25	12	20.06	20.15	20.15	0.1285	0.1312	0.1312
10	64QAM	25	25	20.14	20.12	20.13	0.1309	0.1303	0.1306
10	64QAM	50	0	20.08	20.12	20.05	0.1291	0.1303	0.1282
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	22.87	22.86	22.92	0.2455	0.2449	0.2483
5	QPSK	1	12	23.12	23.13	23.06	0.2600	0.2606	0.2564
5	QPSK	1	24	22.94	22.94	23.09	0.2495	0.2495	0.2582
5	QPSK	12	0	22.05	22.07	22.13	0.2032	0.2042	0.2070
5	QPSK	12	7	22.02	22.09	21.99	0.2018	0.2051	0.2004
5	QPSK	12	13	22.04	22.04	21.98	0.2028	0.2028	0.2000



5	QPSK	25	0	22.07	22.08	22.05	0.2042	0.2046	0.2032
5	16QAM	1	0	21.84	21.87	21.85	0.1936	0.1950	0.1941
5	16QAM	1	12	22.08	22.10	22.05	0.2046	0.2056	0.2032
5	16QAM	1	24	22.00	21.97	22.06	0.2009	0.1995	0.2037
5	16QAM	12	0	21.14	21.17	21.05	0.1648	0.1660	0.1614
5	16QAM	12	7	21.16	21.06	21.24	0.1656	0.1618	0.1687
5	16QAM	12	13	21.07	21.09	21.28	0.1622	0.1629	0.1702
5	16QAM	25	0	21.07	21.09	21.18	0.1622	0.1629	0.1663
5	64QAM	1	0	20.62	20.65	20.71	0.1462	0.1472	0.1493
5	64QAM	1	12	20.90	20.93	20.88	0.1560	0.1570	0.1552
5	64QAM	1	24	20.73	20.74	20.84	0.1500	0.1503	0.1538
5	64QAM	12	0	20.06	20.02	20.06	0.1285	0.1274	0.1285
5	64QAM	12	7	20.05	20.15	20.10	0.1282	0.1312	0.1297
5	64QAM	12	13	20.05	20.12	20.21	0.1282	0.1303	0.1330
5	64QAM	25	0	20.09	20.08	20.12	0.1294	0.1291	0.1303

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	24.76	24.77	24.80	0.3793	0.3802	0.3828
20	QPSK	1	49	24.88	25.10	24.96	0.3899	0.4102	0.3972
20	QPSK	1	99	24.75	24.94	24.86	0.3784	0.3954	0.3882
20	QPSK	50	0	23.97	24.08	24.06	0.3162	0.3243	0.3228
20	QPSK	50	24	24.08	24.20	24.09	0.3243	0.3334	0.3251
20	QPSK	50	50	24.03	24.13	24.06	0.3206	0.3281	0.3228
20	QPSK	100	0	23.98	24.15	24.04	0.3170	0.3296	0.3214
20	16QAM	1	0	23.98	23.99	24.01	0.3170	0.3177	0.3192
20	16QAM	1	49	24.11	24.30	24.14	0.3266	0.3412	0.3289
20	16QAM	1	99	23.99	24.15	24.01	0.3177	0.3296	0.3192
20	16QAM	50	0	22.96	23.14	23.09	0.2506	0.2612	0.2582
20	16QAM	50	24	23.07	23.17	23.12	0.2570	0.2630	0.2600
20	16QAM	50	50	23.03	23.16	23.10	0.2547	0.2624	0.2588
20	16QAM	100	0	23.01	23.09	23.07	0.2535	0.2582	0.2570
20	64QAM	1	0	22.84	22.86	22.88	0.2438	0.2449	0.2460
20	64QAM	1	49	22.95	23.16	23.03	0.2500	0.2624	0.2547
20	64QAM	1	99	22.83	23.00	22.90	0.2432	0.2529	0.2472
20	64QAM	50	0	21.92	22.08	22.05	0.1972	0.2046	0.2032
20	64QAM	50	24	22.02	22.14	22.10	0.2018	0.2075	0.2056
20	64QAM	50	50	22.03	22.14	22.07	0.2023	0.2075	0.2042
20	64QAM	100	0	21.98	22.08	22.06	0.2000	0.2046	0.2037
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	24.65	24.71	24.69	0.3698	0.3750	0.3733
15	QPSK	1	37	24.87	24.97	24.83	0.3890	0.3981	0.3855



15	QPSK	1	74	24.65	24.90	24.81	0.3698	0.3917	0.3837
15	QPSK	36	0	23.91	23.98	24.01	0.3119	0.3170	0.3192
15	QPSK	36	20	23.95	24.06	24.00	0.3148	0.3228	0.3184
15	QPSK	36	39	24.02	24.11	23.91	0.3199	0.3266	0.3119
15	QPSK	75	0	23.89	24.13	23.93	0.3105	0.3281	0.3133
15	16QAM	1	0	23.91	23.91	23.89	0.3119	0.3119	0.3105
15	16QAM	1	37	24.08	24.26	24.13	0.3243	0.3381	0.3281
15	16QAM	1	74	23.95	24.00	23.91	0.3148	0.3184	0.3119
15	16QAM	36	0	22.81	23.11	23.07	0.2421	0.2594	0.2570
15	16QAM	36	20	23.06	23.15	23.05	0.2564	0.2618	0.2559
15	16QAM	36	39	22.95	23.07	23.02	0.2500	0.2570	0.2541
15	16QAM	75	0	22.91	22.98	23.00	0.2477	0.2518	0.2529
15	64QAM	1	0	22.76	22.74	22.86	0.2393	0.2382	0.2449
15	64QAM	1	37	22.88	23.11	23.02	0.2460	0.2594	0.2541
15	64QAM	1	74	22.72	22.94	22.82	0.2371	0.2495	0.2427
15	64QAM	36	0	21.77	22.00	22.03	0.1905	0.2009	0.2023
15	64QAM	36	20	21.90	22.08	22.07	0.1963	0.2046	0.2042
15	64QAM	36	39	21.90	22.13	21.99	0.1963	0.2070	0.2004
15	64QAM	75	0	21.94	22.00	21.94	0.1982	0.2009	0.1982
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	24.69	24.69	24.75	0.3733	0.3733	0.3784
10	QPSK	1	25	24.73	25.01	24.93	0.3767	0.4018	0.3945
10	QPSK	1	49	24.61	24.79	24.78	0.3664	0.3819	0.3811
10	QPSK	25	0	23.89	24.02	24.05	0.3105	0.3199	0.3221
10	QPSK	25	12	23.97	24.12	24.07	0.3162	0.3273	0.3236
10	QPSK	25	25	23.88	23.99	24.05	0.3097	0.3177	0.3221
10	QPSK	50	0	23.93	24.04	23.90	0.3133	0.3214	0.3112
10	16QAM	1	0	23.92	23.97	23.98	0.3126	0.3162	0.3170
10	16QAM	1	25	24.06	24.29	24.07	0.3228	0.3404	0.3236
10	16QAM	1	49	23.91	24.10	23.95	0.3119	0.3258	0.3148
10	16QAM	25	0	22.93	23.10	23.00	0.2489	0.2588	0.2529
10	16QAM	25	12	22.92	23.15	23.06	0.2483	0.2618	0.2564
10	16QAM	25	25	22.95	23.03	22.99	0.2500	0.2547	0.2523
10	16QAM	50	0	22.95	22.97	23.06	0.2500	0.2512	0.2564
10	64QAM	1	0	22.80	22.75	22.82	0.2415	0.2388	0.2427
10	64QAM	1	25	22.83	23.12	22.93	0.2432	0.2600	0.2489
10	64QAM	1	49	22.80	22.87	22.85	0.2415	0.2455	0.2443
10	64QAM	25	0	21.84	22.04	22.02	0.1936	0.2028	0.2018
10	64QAM	25	12	21.93	22.08	21.99	0.1977	0.2046	0.2004
10	64QAM	25	25	21.97	22.02	22.04	0.1995	0.2018	0.2028
10	64QAM	50	0	21.90	22.02	21.99	0.1963	0.2018	0.2004
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	24.67	24.71	24.66	0.3715	0.3750	0.3707
5	QPSK	1	12	24.73	24.98	24.86	0.3767	0.3990	0.3882
5	QPSK	1	24	24.67	24.85	24.79	0.3715	0.3873	0.3819
5	QPSK	12	0	23.85	24.00	24.01	0.3076	0.3184	0.3192



5	QPSK	12	7	23.94	24.14	23.94	0.3141	0.3289	0.3141
5	QPSK	12	13	23.93	24.11	23.91	0.3133	0.3266	0.3119
5	QPSK	25	0	23.87	24.01	23.95	0.3090	0.3192	0.3148
5	16QAM	1	0	23.84	23.87	23.94	0.3069	0.3090	0.3141
5	16QAM	1	12	24.10	24.21	24.11	0.3258	0.3342	0.3266
5	16QAM	1	24	23.84	24.03	23.96	0.3069	0.3206	0.3155
5	16QAM	12	0	22.84	23.02	23.04	0.2438	0.2541	0.2553
5	16QAM	12	7	22.95	23.13	23.06	0.2500	0.2606	0.2564
5	16QAM	12	13	22.90	23.04	23.08	0.2472	0.2553	0.2576
5	16QAM	25	0	22.89	22.94	22.97	0.2466	0.2495	0.2512
5	64QAM	1	0	22.72	22.84	22.74	0.2371	0.2438	0.2382
5	64QAM	1	12	22.85	23.11	22.91	0.2443	0.2594	0.2477
5	64QAM	1	24	22.73	22.91	22.85	0.2377	0.2477	0.2443
5	64QAM	12	0	21.83	21.94	22.03	0.1932	0.1982	0.2023
5	64QAM	12	7	21.89	22.01	22.06	0.1959	0.2014	0.2037
5	64QAM	12	13	21.99	22.12	21.98	0.2004	0.2065	0.2000
5	64QAM	25	0	21.97	22.04	22.01	0.1995	0.2028	0.2014

LTE CA 7C_ANT3

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_21048	QPSK	Max	0	Max	0	20.84	0.1538
	QPSK	1	0	1	Max	13.65	0.0294
	QPSK	1	Max	1	0	22.90	0.2472
M 21001_21199	QPSK	Max	0	Max	0	20.85	0.1542
	QPSK	1	0	1	Max	13.67	0.0295
	QPSK	1	Max	1	0	22.85	0.2443
H 21152_21350	QPSK	Max	0	Max	0	20.91	0.1563
	QPSK	1	0	1	Max	13.62	0.0292
	QPSK	1	Max	1	0	22.76	0.2393
L 20850_21048	16QAM	Max	0	Max	0	19.85	0.1225
	16QAM	1	0	1	Max	14.19	0.0333
	16QAM	1	Max	1	0	22.10	0.2056
M 21001_21199	16QAM	Max	0	Max	0	19.88	0.1233
	16QAM	1	0	1	Max	14.21	0.0334
	16QAM	1	Max	1	0	22.28	0.2143
H 21152_21350	16QAM	Max	0	Max	0	19.92	0.1245
	16QAM	1	0	1	Max	14.24	0.0337
	16QAM	1	Max	1	0	22.18	0.2094
L 20850_21048	64QAM	Max	0	Max	0	19.82	0.1216
	64QAM	1	0	1	Max	14.09	0.0325
	64QAM	1	Max	1	0	20.20	0.1327
M 21001_21199	64QAM	Max	0	Max	0	19.87	0.1230
	64QAM	1	0	1	Max	13.94	0.0314
	64QAM	1	Max	1	0	20.11	0.1300
H	64QAM	Max	0	Max	0	19.89	0.1236



21152_21350	64QAM	1	0	1	Max	13.92	0.0313
	64QAM	1	Max	1	0	20.07	0.1288
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_21021	QPSK	Max	0	Max	0	20.76	0.1510
	QPSK	1	0	1	Max	13.60	0.0290
	QPSK	1	Max	1	0	22.87	0.2455
M 21026_21197	QPSK	Max	0	Max	0	20.80	0.1524
	QPSK	1	0	1	Max	13.64	0.0293
	QPSK	1	Max	1	0	22.75	0.2388
H 21201_21372	QPSK	Max	0	Max	0	20.82	0.1531
	QPSK	1	0	1	Max	13.59	0.0290
	QPSK	1	Max	1	0	22.67	0.2344
L 20850_21021	16QAM	Max	0	Max	0	19.78	0.1205
	16QAM	1	0	1	Max	14.17	0.0331
	16QAM	1	Max	1	0	22.05	0.2032
M 21026_21197	16QAM	Max	0	Max	0	19.87	0.1230
	16QAM	1	0	1	Max	14.17	0.0331
	16QAM	1	Max	1	0	22.27	0.2138
H 21201_21372	16QAM	Max	0	Max	0	19.87	0.1230
	16QAM	1	0	1	Max	14.19	0.0333
	16QAM	1	Max	1	0	22.14	0.2075
L 20850_21021	64QAM	Max	0	Max	0	19.79	0.1208
	64QAM	1	0	1	Max	14.08	0.0324
	64QAM	1	Max	1	0	20.17	0.1318
M 21026_21197	64QAM	Max	0	Max	0	19.85	0.1225
	64QAM	1	0	1	Max	13.84	0.0307
	64QAM	1	Max	1	0	20.03	0.1276
H 21201_21372	64QAM	Max	0	Max	0	19.84	0.1222
	64QAM	1	0	1	Max	13.86	0.0308
	64QAM	1	Max	1	0	19.99	0.1265
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20828_20999	QPSK	Max	0	Max	0	20.74	0.1503
	QPSK	1	0	1	Max	13.62	0.0292
	QPSK	1	Max	1	0	22.82	0.2427
M 21003_21174	QPSK	Max	0	Max	0	20.75	0.1507
	QPSK	1	0	1	Max	13.62	0.0292
	QPSK	1	Max	1	0	22.81	0.2421
H 21179_21350	QPSK	Max	0	Max	0	20.87	0.1549
	QPSK	1	0	1	Max	13.57	0.0288
	QPSK	1	Max	1	0	22.68	0.2350
L 20828_20999	16QAM	Max	0	Max	0	19.75	0.1197
	16QAM	1	0	1	Max	14.11	0.0327
	16QAM	1	Max	1	0	22.07	0.2042
M	16QAM	Max	0	Max	0	19.81	0.1213



21003_21174	16QAM	1	0	1	Max	14.11	0.0327
	16QAM	1	Max	1	0	22.21	0.2109
H 21179_21350	16QAM	Max	0	Max	0	19.88	0.1233
	16QAM	1	0	1	Max	14.16	0.0330
	16QAM	1	Max	1	0	22.12	0.2065
L 20828_20999	64QAM	Max	0	Max	0	19.75	0.1197
	64QAM	1	0	1	Max	14.02	0.0320
	64QAM	1	Max	1	0	20.11	0.1300
M 21003_21174	64QAM	Max	0	Max	0	19.84	0.1222
	64QAM	1	0	1	Max	13.86	0.0308
	64QAM	1	Max	1	0	20.01	0.1271
H 21179_21350	64QAM	Max	0	Max	0	19.86	0.1227
	64QAM	1	0	1	Max	13.83	0.0306
	64QAM	1	Max	1	0	19.97	0.1259
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20825_20975	QPSK	Max	0	Max	0	20.74	0.1503
	QPSK	1	0	1	Max	13.62	0.0292
	QPSK	1	Max	1	0	22.84	0.2438
M 21025_21175	QPSK	Max	0	Max	0	20.77	0.1514
	QPSK	1	0	1	Max	13.63	0.0292
	QPSK	1	Max	1	0	22.82	0.2427
H 21225_21375	QPSK	Max	0	Max	0	20.86	0.1545
	QPSK	1	0	1	Max	13.54	0.0286
	QPSK	1	Max	1	0	22.75	0.2388
L 20825_20975	16QAM	Max	0	Max	0	19.81	0.1213
	16QAM	1	0	1	Max	14.10	0.0326
	16QAM	1	Max	1	0	22.06	0.2037
M 21025_21175	16QAM	Max	0	Max	0	19.81	0.1213
	16QAM	1	0	1	Max	14.11	0.0327
	16QAM	1	Max	1	0	22.20	0.2104
H 21225_21375	16QAM	Max	0	Max	0	19.89	0.1236
	16QAM	1	0	1	Max	14.18	0.0332
	16QAM	1	Max	1	0	22.15	0.2080
L 20825_20975	64QAM	Max	0	Max	0	19.81	0.1213
	64QAM	1	0	1	Max	14.07	0.0324
	64QAM	1	Max	1	0	20.17	0.1318
M 21025_21175	64QAM	Max	0	Max	0	19.81	0.1213
	64QAM	1	0	1	Max	13.92	0.0313
	64QAM	1	Max	1	0	20.05	0.1282
H 21225_21375	64QAM	Max	0	Max	0	19.85	0.1225
	64QAM	1	0	1	Max	13.88	0.0310
	64QAM	1	Max	1	0	20.05	0.1282
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_20994	QPSK	Max	0	Max	0	20.79	0.1521
	QPSK	1	0	1	Max	13.57	0.0288
	QPSK	1	Max	1	0	22.80	0.2415
M 21051_21195	QPSK	Max	0	Max	0	20.79	0.1521
	QPSK	1	0	1	Max	13.57	0.0288
	QPSK	1	Max	1	0	22.78	0.2404
H	QPSK	Max	0	Max	0	20.86	0.1545



21251_21395	QPSK	1	0	1	Max	13.58	0.0289
	QPSK	1	Max	1	0	22.74	0.2382
L 20850_20994	16QAM	Max	0	Max	0	19.75	0.1197
	16QAM	1	0	1	Max	14.12	0.0327
	16QAM	1	Max	1	0	22.00	0.2009
M 21051_21195	16QAM	Max	0	Max	0	19.81	0.1213
	16QAM	1	0	1	Max	14.17	0.0331
	16QAM	1	Max	1	0	22.23	0.2118
H 21251_21395	16QAM	Max	0	Max	0	19.86	0.1227
	16QAM	1	0	1	Max	14.20	0.0333
	16QAM	1	Max	1	0	22.13	0.2070
L 20850_20994	64QAM	Max	0	Max	0	19.72	0.1189
	64QAM	1	0	1	Max	14.03	0.0321
	64QAM	1	Max	1	0	20.17	0.1318
M 21051_21195	64QAM	Max	0	Max	0	19.79	0.1208
	64QAM	1	0	1	Max	13.93	0.0313
	64QAM	1	Max	1	0	20.05	0.1282
H 21251_21395	64QAM	Max	0	Max	0	19.79	0.1208
	64QAM	1	0	1	Max	13.84	0.0307
	64QAM	1	Max	1	0	19.99	0.1265
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20805_20949	QPSK	Max	0	Max	0	20.77	0.1514
	QPSK	1	0	1	Max	13.59	0.0290
	QPSK	1	Max	1	0	22.86	0.2449
M 21006_21150	QPSK	Max	0	Max	0	20.76	0.1510
	QPSK	1	0	1	Max	13.66	0.0294
	QPSK	1	Max	1	0	22.75	0.2388
H 21206_21350	QPSK	Max	0	Max	0	20.89	0.1556
	QPSK	1	0	1	Max	13.56	0.0288
	QPSK	1	Max	1	0	22.74	0.2382
L 20805_20949	16QAM	Max	0	Max	0	19.81	0.1213
	16QAM	1	0	1	Max	14.18	0.0332
	16QAM	1	Max	1	0	22.00	0.2009
M 21006_21150	16QAM	Max	0	Max	0	19.83	0.1219
	16QAM	1	0	1	Max	14.14	0.0329
	16QAM	1	Max	1	0	22.25	0.2128
H 21206_21350	16QAM	Max	0	Max	0	19.88	0.1233
	16QAM	1	0	1	Max	14.19	0.0333
	16QAM	1	Max	1	0	22.08	0.2046
L 20805_20949	64QAM	Max	0	Max	0	19.72	0.1189
	64QAM	1	0	1	Max	14.02	0.0320
	64QAM	1	Max	1	0	20.12	0.1303
M 21006_21150	64QAM	Max	0	Max	0	19.80	0.1211
	64QAM	1	0	1	Max	13.88	0.0310
	64QAM	1	Max	1	0	20.03	0.1276
H 21206_21350	64QAM	Max	0	Max	0	19.86	0.1227
	64QAM	1	0	1	Max	13.88	0.0310
	64QAM	1	Max	1	0	20.02	0.1274
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20825_20945	QPSK	Max	0	Max	0	20.82	0.1531
	QPSK	1	0	1	Max	13.57	0.0288
	QPSK	1	Max	1	0	22.81	0.2421



M 21051_21171	QPSK	Max	0	Max	0	20.75	0.1507
	QPSK	1	0	1	Max	13.58	0.0289
	QPSK	1	Max	1	0	22.78	0.2404
H 21277_21397	QPSK	Max	0	Max	0	20.83	0.1535
	QPSK	1	0	1	Max	13.54	0.0286
	QPSK	1	Max	1	0	22.67	0.2344
L 20825_20945	16QAM	Max	0	Max	0	19.75	0.1197
	16QAM	1	0	1	Max	14.11	0.0327
	16QAM	1	Max	1	0	22.00	0.2009
M 21051_21171	16QAM	Max	0	Max	0	19.85	0.1225
	16QAM	1	0	1	Max	14.13	0.0328
	16QAM	1	Max	1	0	22.20	0.2104
H 21277_21397	16QAM	Max	0	Max	0	19.82	0.1216
	16QAM	1	0	1	Max	14.15	0.0330
	16QAM	1	Max	1	0	22.16	0.2084
L 20825_20945	64QAM	Max	0	Max	0	19.77	0.1202
	64QAM	1	0	1	Max	14.03	0.0321
	64QAM	1	Max	1	0	20.16	0.1315
M 21051_21171	64QAM	Max	0	Max	0	19.77	0.1202
	64QAM	1	0	1	Max	13.90	0.0311
	64QAM	1	Max	1	0	20.04	0.1279
H 21277_21397	64QAM	Max	0	Max	0	19.86	0.1227
	64QAM	1	0	1	Max	13.88	0.0310
	64QAM	1	Max	1	0	19.98	0.1262

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Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 37850_38048	QPSK	Max	0	Max	0	20.85	0.1542
	QPSK	1	0	1	Max	13.65	0.0294
	QPSK	1	Max	1	0	22.81	0.2421
M 37901_38099	QPSK	Max	0	Max	0	20.86	0.1545
	QPSK	1	0	1	Max	13.68	0.0296
	QPSK	1	Max	1	0	22.79	0.2410
H 37952_38150	QPSK	Max	0	Max	0	20.88	0.1552
	QPSK	1	0	1	Max	13.64	0.0293
	QPSK	1	Max	1	0	22.75	0.2388
L 37850_38048	16QAM	Max	0	Max	0	19.99	0.1265
	16QAM	1	0	1	Max	13.76	0.0301
	16QAM	1	Max	1	0	21.83	0.1932
M 37901_38099	16QAM	Max	0	Max	0	19.97	0.1259
	16QAM	1	0	1	Max	13.76	0.0301
	16QAM	1	Max	1	0	21.80	0.1919
H 37952_38150	16QAM	Max	0	Max	0	19.95	0.1253
	16QAM	1	0	1	Max	13.75	0.0301
	16QAM	1	Max	1	0	21.77	0.1905
L 37850_38048	64QAM	Max	0	Max	0	19.98	0.1262
	64QAM	1	0	1	Max	13.51	0.0284
	64QAM	1	Max	1	0	19.74	0.1194
M	64QAM	Max	0	Max	0	19.96	0.1256



37901_38099	64QAM	1	0	1	Max	13.53	0.0286
	64QAM	1	Max	1	0	19.72	0.1189
H 37952_38150	64QAM	Max	0	Max	0	19.98	0.1262
	64QAM	1	0	1	Max	13.51	0.0284
	64QAM	1	Max	1	0	19.69	0.1180
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 37825_37975	QPSK	Max	0	Max	0	20.86	0.1545
	QPSK	1	0	1	Max	13.99	0.0318
	QPSK	1	Max	1	0	22.94	0.2495
M 37925_38075	QPSK	Max	0	Max	0	20.82	0.1531
	QPSK	1	0	1	Max	13.93	0.0313
	QPSK	1	Max	1	0	22.82	0.2427
H 38025_38175	QPSK	Max	0	Max	0	20.93	0.1570
	QPSK	1	0	1	Max	14.04	0.0321
	QPSK	1	Max	1	0	22.91	0.2477
L 37825_37975	16QAM	Max	0	Max	0	20.02	0.1274
	16QAM	1	0	1	Max	14.10	0.0326
	16QAM	1	Max	1	0	21.86	0.1945
M 37925_38075	16QAM	Max	0	Max	0	19.96	0.1256
	16QAM	1	0	1	Max	14.02	0.0320
	16QAM	1	Max	1	0	21.88	0.1954
H 38025_38175	16QAM	Max	0	Max	0	20.07	0.1288
	16QAM	1	0	1	Max	14.15	0.0330
	16QAM	1	Max	1	0	21.93	0.1977
L 37825_37975	64QAM	Max	0	Max	0	20.03	0.1276
	64QAM	1	0	1	Max	13.83	0.0306
	64QAM	1	Max	1	0	19.78	0.1205
M 37925_38075	64QAM	Max	0	Max	0	19.95	0.1253
	64QAM	1	0	1	Max	13.79	0.0303
	64QAM	1	Max	1	0	19.80	0.1211
H 38025_38175	64QAM	Max	0	Max	0	20.06	0.1285
	64QAM	1	0	1	Max	13.95	0.0315
	64QAM	1	Max	1	0	19.87	0.1230



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Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39948	QPSK	Max	0	Max	0	19.91	0.1242
	QPSK	1	0	1	Max	12.77	0.0240
	QPSK	1	Max	1	0	21.82	0.1928
M 40521_40719	QPSK	Max	0	Max	0	19.99	0.1265
	QPSK	1	0	1	Max	12.73	0.0238
	QPSK	1	Max	1	0	21.88	0.1954
H 41292_41490	QPSK	Max	0	Max	0	19.82	0.1216
	QPSK	1	0	1	Max	12.65	0.0233
	QPSK	1	Max	1	0	21.77	0.1905
L 39750_39948	16QAM	Max	0	Max	0	19.06	0.1021
	16QAM	1	0	1	Max	12.85	0.0244
	16QAM	1	Max	1	0	20.91	0.1563
M 40521_40719	16QAM	Max	0	Max	0	19.02	0.1012
	16QAM	1	0	1	Max	12.84	0.0244
	16QAM	1	Max	1	0	20.97	0.1585
H 41292_41490	16QAM	Max	0	Max	0	18.96	0.0998
	16QAM	1	0	1	Max	12.74	0.0238
	16QAM	1	Max	1	0	20.83	0.1535
L 39750_39948	64QAM	Max	0	Max	0	19.05	0.1019
	64QAM	1	0	1	Max	12.65	0.0233
	64QAM	1	Max	1	0	18.78	0.0957
M 40521_40719	64QAM	Max	0	Max	0	19.01	0.1009
	64QAM	1	0	1	Max	12.60	0.0231
	64QAM	1	Max	1	0	18.84	0.0971
H 41292_41490	64QAM	Max	0	Max	0	18.95	0.0995
	64QAM	1	0	1	Max	12.51	0.0226
	64QAM	1	Max	1	0	18.73	0.0946
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39921	QPSK	Max	0	Max	0	20.01	0.1271
	QPSK	1	0	1	Max	13.05	0.0256
	QPSK	1	Max	1	0	21.92	0.1972
M 40546_40717	QPSK	Max	0	Max	0	20.08	0.1291
	QPSK	1	0	1	Max	12.99	0.0252
	QPSK	1	Max	1	0	21.90	0.1963
H 41341_41512	QPSK	Max	0	Max	0	19.98	0.1262
	QPSK	1	0	1	Max	12.92	0.0248
	QPSK	1	Max	1	0	21.87	0.1950
L 39750_39921	16QAM	Max	0	Max	0	19.14	0.1040
	16QAM	1	0	1	Max	13.11	0.0259
	16QAM	1	Max	1	0	21.01	0.1600
M 40546_40717	16QAM	Max	0	Max	0	19.11	0.1033
	16QAM	1	0	1	Max	13.09	0.0258



	16QAM	1	Max	1	0	20.97	0.1585
H 41341_41512	16QAM	Max	0	Max	0	19.04	0.1016
	16QAM	1	0	1	Max	13.01	0.0254
	16QAM	1	Max	1	0	20.90	0.1560
	16QAM	1	Max	1	0	20.90	0.1560
L 39750_39921	64QAM	Max	0	Max	0	19.13	0.1038
	64QAM	1	0	1	Max	12.94	0.0249
	64QAM	1	Max	1	0	18.89	0.0982
	64QAM	1	Max	1	0	18.89	0.0982
M 40546_40717	64QAM	Max	0	Max	0	19.12	0.1035
	64QAM	1	0	1	Max	12.86	0.0245
	64QAM	1	Max	1	0	18.87	0.0977
	64QAM	1	Max	1	0	18.87	0.0977
H 41341_41512	64QAM	Max	0	Max	0	18.98	0.1002
	64QAM	1	0	1	Max	12.76	0.0239
	64QAM	1	Max	1	0	18.84	0.0971
	64QAM	1	Max	1	0	18.84	0.0971
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39728_39899	QPSK	Max	0	Max	0	19.97	0.1259
	QPSK	1	0	1	Max	13.04	0.0255
	QPSK	1	Max	1	0	21.83	0.1932
	QPSK	1	Max	1	0	21.83	0.1932
M 40523_40694	QPSK	Max	0	Max	0	20.04	0.1279
	QPSK	1	0	1	Max	12.93	0.0249
	QPSK	1	Max	1	0	21.81	0.1923
	QPSK	1	Max	1	0	21.81	0.1923
H 41319_41490	QPSK	Max	0	Max	0	19.96	0.1256
	QPSK	1	0	1	Max	12.88	0.0246
	QPSK	1	Max	1	0	21.77	0.1905
	QPSK	1	Max	1	0	21.77	0.1905
L 39728_39899	16QAM	Max	0	Max	0	19.08	0.1026
	16QAM	1	0	1	Max	13.05	0.0256
	16QAM	1	Max	1	0	20.92	0.1567
	16QAM	1	Max	1	0	20.92	0.1567
M 40523_40694	16QAM	Max	0	Max	0	19.02	0.1012
	16QAM	1	0	1	Max	12.99	0.0252
	16QAM	1	Max	1	0	20.88	0.1552
	16QAM	1	Max	1	0	20.88	0.1552
H 41319_41490	16QAM	Max	0	Max	0	18.96	0.0998
	16QAM	1	0	1	Max	12.99	0.0252
	16QAM	1	Max	1	0	20.85	0.1542
	16QAM	1	Max	1	0	20.85	0.1542
L 39728_39899	64QAM	Max	0	Max	0	19.06	0.1021
	64QAM	1	0	1	Max	12.88	0.0246
	64QAM	1	Max	1	0	18.80	0.0962
	64QAM	1	Max	1	0	18.80	0.0962
M 40523_40694	64QAM	Max	0	Max	0	19.02	0.1012
	64QAM	1	0	1	Max	12.81	0.0242
	64QAM	1	Max	1	0	18.80	0.0962
	64QAM	1	Max	1	0	18.80	0.0962
H 41319_41490	64QAM	Max	0	Max	0	18.94	0.0993
	64QAM	1	0	1	Max	12.70	0.0236
	64QAM	1	Max	1	0	18.81	0.0964
	64QAM	1	Max	1	0	18.81	0.0964
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39725_39875	QPSK	Max	0	Max	0	19.96	0.1256
	QPSK	1	0	1	Max	13.00	0.0253
	QPSK	1	Max	1	0	21.87	0.1950
	QPSK	1	Max	1	0	21.87	0.1950



M 40545_40695	QPSK	Max	0	Max	0	20.07	0.1288
	QPSK	1	0	1	Max	12.97	0.0251
	QPSK	1	Max	1	0	21.88	0.1954
H 41365_41515	QPSK	Max	0	Max	0	19.93	0.1247
	QPSK	1	0	1	Max	12.91	0.0248
	QPSK	1	Max	1	0	21.85	0.1941
L 39725_39875	16QAM	Max	0	Max	0	19.08	0.1026
	16QAM	1	0	1	Max	13.03	0.0255
	16QAM	1	Max	1	0	21.00	0.1596
M 40545_40695	16QAM	Max	0	Max	0	19.09	0.1028
	16QAM	1	0	1	Max	13.02	0.0254
	16QAM	1	Max	1	0	20.94	0.1574
H 41365_41515	16QAM	Max	0	Max	0	19.01	0.1009
	16QAM	1	0	1	Max	12.97	0.0251
	16QAM	1	Max	1	0	20.80	0.1524
L 39725_39875	64QAM	Max	0	Max	0	19.04	0.1016
	64QAM	1	0	1	Max	12.92	0.0248
	64QAM	1	Max	1	0	18.84	0.0971
M 40545_40695	64QAM	Max	0	Max	0	19.08	0.1026
	64QAM	1	0	1	Max	12.81	0.0242
	64QAM	1	Max	1	0	18.81	0.0964
H 41365_41515	64QAM	Max	0	Max	0	18.95	0.0995
	64QAM	1	0	1	Max	12.73	0.0238
	64QAM	1	Max	1	0	18.79	0.0959
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39894	QPSK	Max	0	Max	0	19.92	0.1245
	QPSK	1	0	1	Max	13.02	0.0254
	QPSK	1	Max	1	0	21.83	0.1932
M 40571_40715	QPSK	Max	0	Max	0	20.03	0.1276
	QPSK	1	0	1	Max	12.92	0.0248
	QPSK	1	Max	1	0	21.80	0.1919
H 41391_41535	QPSK	Max	0	Max	0	19.97	0.1259
	QPSK	1	0	1	Max	12.85	0.0244
	QPSK	1	Max	1	0	21.82	0.1928
L 39750_39894	16QAM	Max	0	Max	0	19.04	0.1016
	16QAM	1	0	1	Max	13.03	0.0255
	16QAM	1	Max	1	0	20.99	0.1592
M 40571_40715	16QAM	Max	0	Max	0	19.08	0.1026
	16QAM	1	0	1	Max	13.02	0.0254
	16QAM	1	Max	1	0	20.93	0.1570
H 41391_41535	16QAM	Max	0	Max	0	18.99	0.1005
	16QAM	1	0	1	Max	12.99	0.0252
	16QAM	1	Max	1	0	20.89	0.1556
L 39750_39894	64QAM	Max	0	Max	0	19.03	0.1014
	64QAM	1	0	1	Max	12.90	0.0247
	64QAM	1	Max	1	0	18.84	0.0971
M 40571_40715	64QAM	Max	0	Max	0	19.02	0.1012
	64QAM	1	0	1	Max	12.76	0.0239
	64QAM	1	Max	1	0	18.81	0.0964
H 41391_41535	64QAM	Max	0	Max	0	18.95	0.0995
	64QAM	1	0	1	Max	12.75	0.0239
	64QAM	1	Max	1	0	18.82	0.0966
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured	EIRP(W)



		RB Size	RB offset	RB Size	RB offset		
L 39705_39849	QPSK	Max	0	Max	0	19.95	0.1253
	QPSK	1	0	1	Max	12.96	0.0251
	QPSK	1	Max	1	0	21.83	0.1932
M 40526_40670	QPSK	Max	0	Max	0	20.06	0.1285
	QPSK	1	0	1	Max	12.94	0.0249
	QPSK	1	Max	1	0	21.80	0.1919
H 41346_41490	QPSK	Max	0	Max	0	19.97	0.1259
	QPSK	1	0	1	Max	12.91	0.0248
	QPSK	1	Max	1	0	21.82	0.1928
L 39705_39849	16QAM	Max	0	Max	0	19.11	0.1033
	16QAM	1	0	1	Max	13.01	0.0254
	16QAM	1	Max	1	0	20.94	0.1574
M 40526_40670	16QAM	Max	0	Max	0	19.02	0.1012
	16QAM	1	0	1	Max	13.03	0.0255
	16QAM	1	Max	1	0	20.87	0.1549
H 41346_41490	16QAM	Max	0	Max	0	19.00	0.1007
	16QAM	1	0	1	Max	12.98	0.0252
	16QAM	1	Max	1	0	20.83	0.1535
L 39705_39849	64QAM	Max	0	Max	0	19.08	0.1026
	64QAM	1	0	1	Max	12.86	0.0245
	64QAM	1	Max	1	0	18.85	0.0973
M 40526_40670	64QAM	Max	0	Max	0	19.11	0.1033
	64QAM	1	0	1	Max	12.81	0.0242
	64QAM	1	Max	1	0	18.83	0.0968
H 41346_41490	64QAM	Max	0	Max	0	18.88	0.0979
	64QAM	1	0	1	Max	12.67	0.0234
	64QAM	1	Max	1	0	18.82	0.0966
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39725_39845	QPSK	Max	0	Max	0	19.98	0.1262
	QPSK	1	0	1	Max	13.04	0.0255
	QPSK	1	Max	1	0	21.87	0.1950
M 40571_40691	QPSK	Max	0	Max	0	20.05	0.1282
	QPSK	1	0	1	Max	12.92	0.0248
	QPSK	1	Max	1	0	21.83	0.1932
H 41417_41537	QPSK	Max	0	Max	0	19.90	0.1239
	QPSK	1	0	1	Max	12.83	0.0243
	QPSK	1	Max	1	0	21.78	0.1910
L 39725_39845	16QAM	Max	0	Max	0	19.12	0.1035
	16QAM	1	0	1	Max	13.02	0.0254
	16QAM	1	Max	1	0	20.94	0.1574
M 40571_40691	16QAM	Max	0	Max	0	19.07	0.1023
	16QAM	1	0	1	Max	12.99	0.0252
	16QAM	1	Max	1	0	20.91	0.1563
H 41417_41537	16QAM	Max	0	Max	0	19.01	0.1009
	16QAM	1	0	1	Max	12.94	0.0249
	16QAM	1	Max	1	0	20.88	0.1552
L 39725_39845	64QAM	Max	0	Max	0	19.10	0.1030
	64QAM	1	0	1	Max	12.87	0.0245
	64QAM	1	Max	1	0	18.86	0.0975
M 40571_40691	64QAM	Max	0	Max	0	19.06	0.1021
	64QAM	1	0	1	Max	12.80	0.0242
	64QAM	1	Max	1	0	18.83	0.0968
H	64QAM	Max	0	Max	0	18.95	0.0995



41417_41537	64QAM	1	0	1	Max	12.69	0.0236
	64QAM	1	Max	1	0	18.81	0.0964
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39703_39823	QPSK	Max	0	Max	0	19.98	0.1262
	QPSK	1	0	1	Max	13.04	0.0255
	QPSK	1	Max	1	0	21.85	0.1941
M 40549_40669	QPSK	Max	0	Max	0	19.98	0.1262
	QPSK	1	0	1	Max	12.92	0.0248
	QPSK	1	Max	1	0	21.86	0.1945
H 41395_41515	QPSK	Max	0	Max	0	19.91	0.1242
	QPSK	1	0	1	Max	12.83	0.0243
	QPSK	1	Max	1	0	21.86	0.1945
L 39703_39823	16QAM	Max	0	Max	0	19.06	0.1021
	16QAM	1	0	1	Max	13.02	0.0254
	16QAM	1	Max	1	0	20.95	0.1578
M 40549_40669	16QAM	Max	0	Max	0	19.03	0.1014
	16QAM	1	0	1	Max	13.04	0.0255
	16QAM	1	Max	1	0	20.92	0.1567
H 41395_41515	16QAM	Max	0	Max	0	18.98	0.1002
	16QAM	1	0	1	Max	12.95	0.0250
	16QAM	1	Max	1	0	20.81	0.1528
L 39703_39823	64QAM	Max	0	Max	0	19.09	0.1028
	64QAM	1	0	1	Max	12.87	0.0245
	64QAM	1	Max	1	0	18.83	0.0968
M 40549_40669	64QAM	Max	0	Max	0	19.07	0.1023
	64QAM	1	0	1	Max	12.80	0.0242
	64QAM	1	Max	1	0	18.83	0.0968
H 41395_41515	64QAM	Max	0	Max	0	18.93	0.0991
	64QAM	1	0	1	Max	12.69	0.0236
	64QAM	1	Max	1	0	18.77	0.0955
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39867	QPSK	Max	0	Max	0	19.93	0.1247
	QPSK	1	0	1	Max	13.02	0.0254
	QPSK	1	Max	1	0	21.85	0.1941
M 40595_40712	QPSK	Max	0	Max	0	20.01	0.1271
	QPSK	1	0	1	Max	12.95	0.0250
	QPSK	1	Max	1	0	21.85	0.1941
H 41440_41557	QPSK	Max	0	Max	0	19.89	0.1236
	QPSK	1	0	1	Max	12.83	0.0243
	QPSK	1	Max	1	0	21.83	0.1932
L 39750_39867	16QAM	Max	0	Max	0	19.05	0.1019
	16QAM	1	0	1	Max	13.01	0.0254
	16QAM	1	Max	1	0	21.00	0.1596
M 40595_40712	16QAM	Max	0	Max	0	19.05	0.1019
	16QAM	1	0	1	Max	13.00	0.0253
	16QAM	1	Max	1	0	20.95	0.1578
H 41440_41557	16QAM	Max	0	Max	0	18.97	0.1000
	16QAM	1	0	1	Max	12.98	0.0252
	16QAM	1	Max	1	0	20.80	0.1524
L 39750_39867	64QAM	Max	0	Max	0	19.03	0.1014
	64QAM	1	0	1	Max	12.92	0.0248
	64QAM	1	Max	1	0	18.84	0.0971



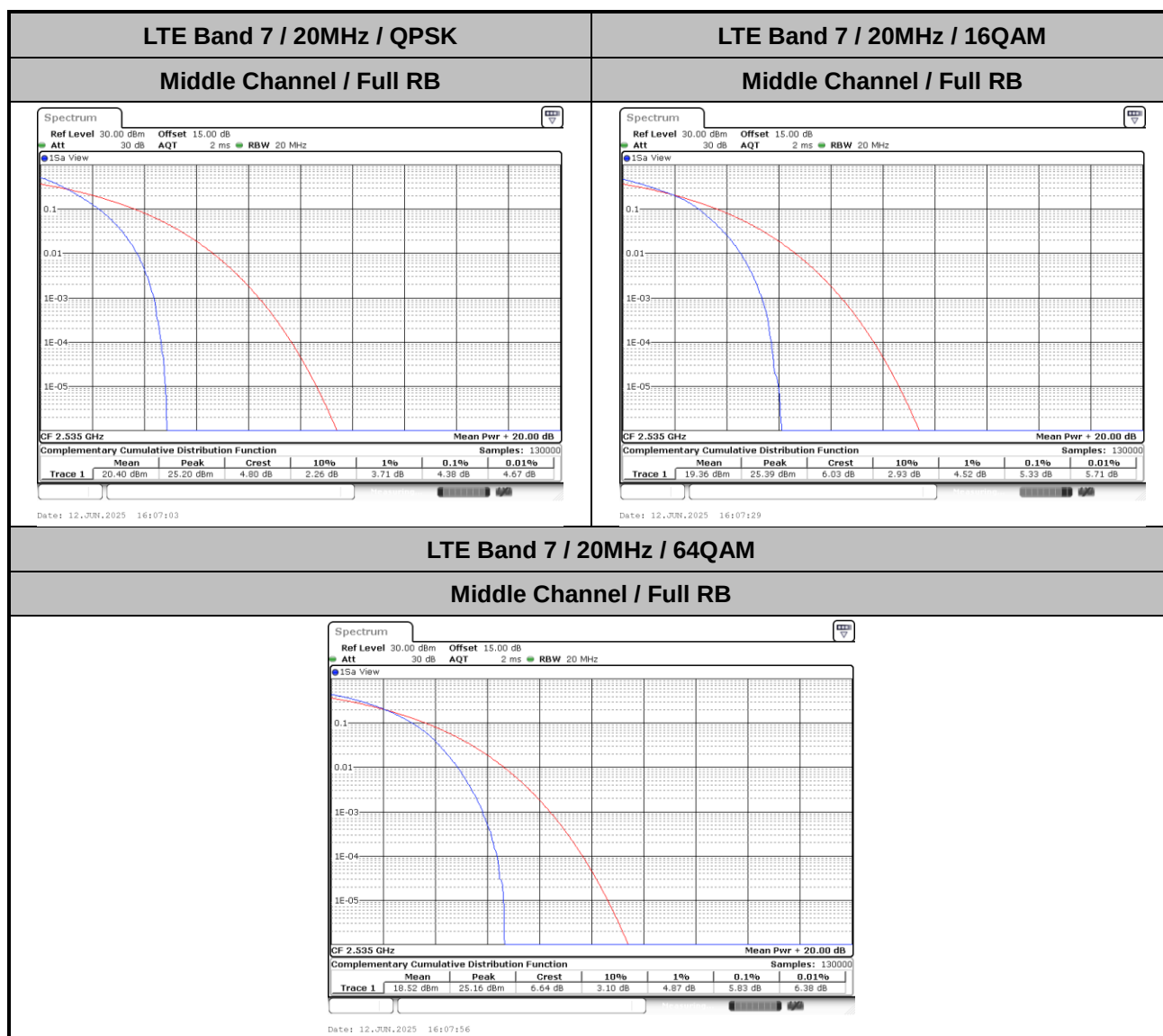
M 40595_40712	64QAM	Max	0	Max	0	19.09	0.1028
	64QAM	1	0	1	Max	12.85	0.0244
	64QAM	1	Max	1	0	18.81	0.0964
H 41440_41557	64QAM	Max	0	Max	0	18.89	0.0982
	64QAM	1	0	1	Max	12.74	0.0238
	64QAM	1	Max	1	0	18.77	0.0955
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39683_39800	QPSK	Max	0	Max	0	19.97	0.1259
	QPSK	1	0	1	Max	12.96	0.0251
	QPSK	1	Max	1	0	21.91	0.1968
M 40528_40645	QPSK	Max	0	Max	0	19.98	0.1262
	QPSK	1	0	1	Max	12.96	0.0251
	QPSK	1	Max	1	0	21.89	0.1959
H 41373_41490	QPSK	Max	0	Max	0	19.93	0.1247
	QPSK	1	0	1	Max	12.88	0.0246
	QPSK	1	Max	1	0	21.82	0.1928
L 39683_39800	16QAM	Max	0	Max	0	19.05	0.1019
	16QAM	1	0	1	Max	13.05	0.0256
	16QAM	1	Max	1	0	20.96	0.1581
M 40528_40645	16QAM	Max	0	Max	0	19.10	0.1030
	16QAM	1	0	1	Max	13.08	0.0258
	16QAM	1	Max	1	0	20.91	0.1563
H 41373_41490	16QAM	Max	0	Max	0	18.95	0.0995
	16QAM	1	0	1	Max	12.94	0.0249
	16QAM	1	Max	1	0	20.83	0.1535
L 39683_39800	64QAM	Max	0	Max	0	19.03	0.1014
	64QAM	1	0	1	Max	12.93	0.0249
	64QAM	1	Max	1	0	18.86	0.0975
M 40528_40645	64QAM	Max	0	Max	0	19.03	0.1014
	64QAM	1	0	1	Max	12.85	0.0244
	64QAM	1	Max	1	0	18.77	0.0955
H 41373_41490	64QAM	Max	0	Max	0	18.97	0.1000
	64QAM	1	0	1	Max	12.73	0.0238
	64QAM	1	Max	1	0	18.80	0.0962



LTE Band 7

Peak-to-Average Ratio

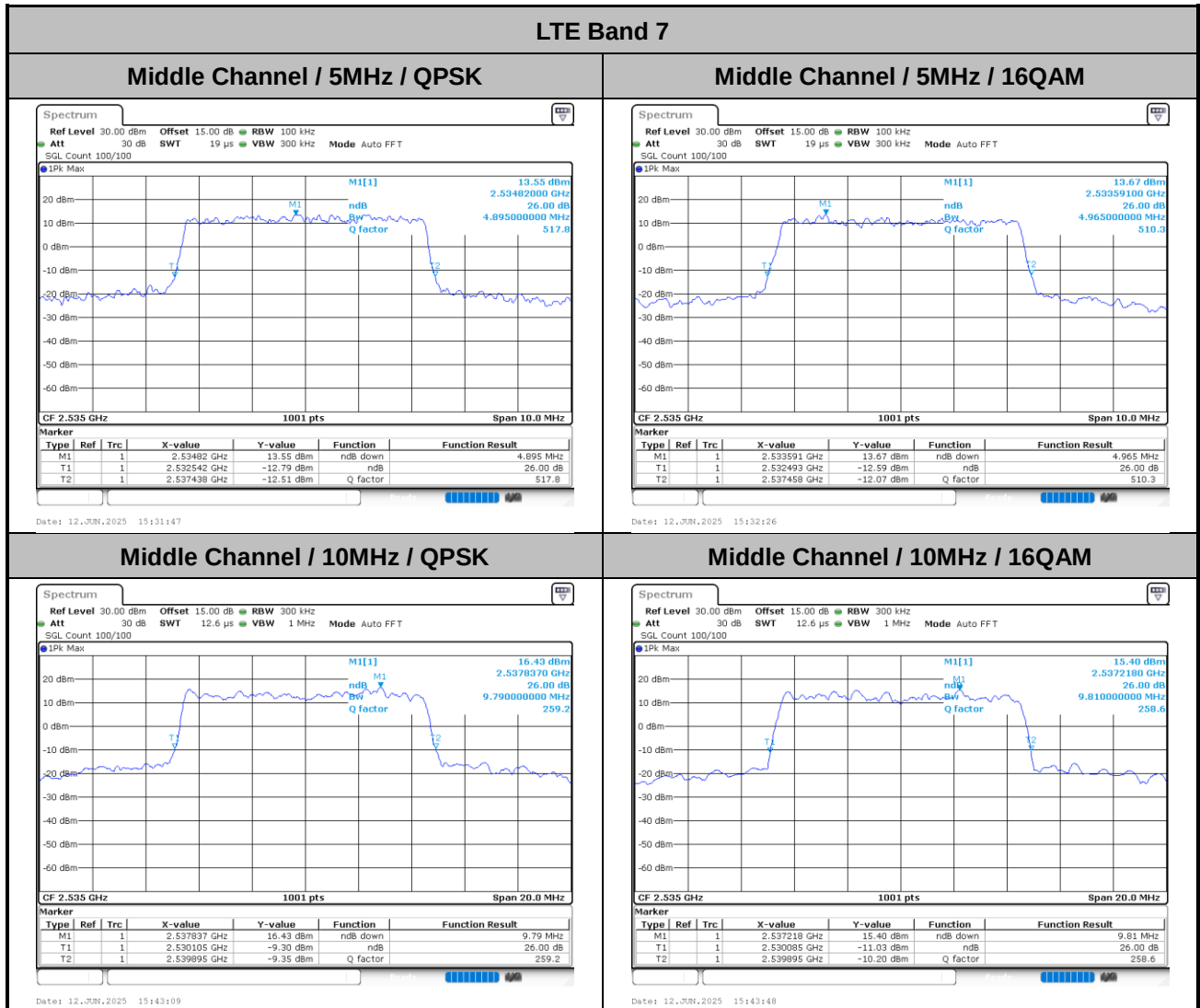
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.33	5.83	PASS





26dB Bandwidth

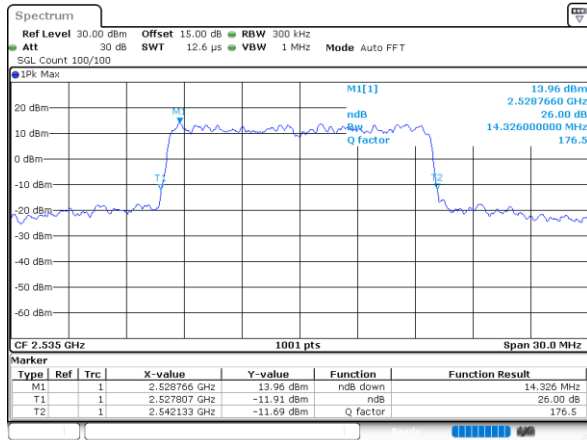
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.90	4.97	9.79	9.81	14.33	14.54	19.14	18.94





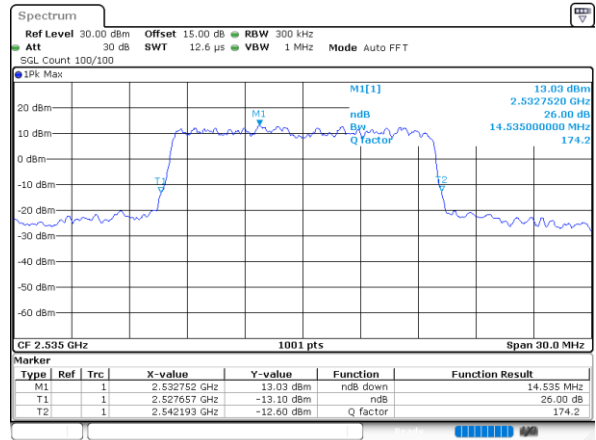
LTE Band 7

Middle Channel / 15MHz / QPSK



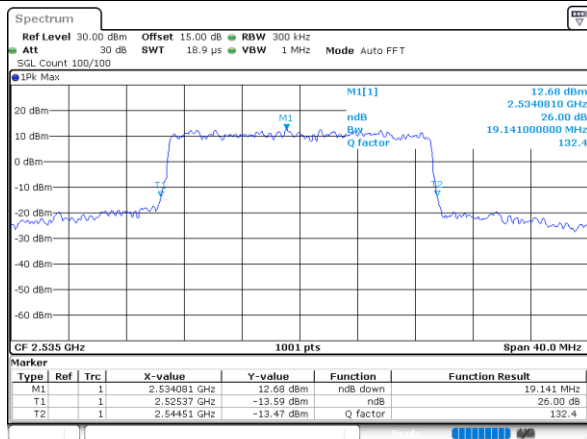
Date: 12 JUN 2025 15:54:33

Middle Channel / 15MHz / 16QAM



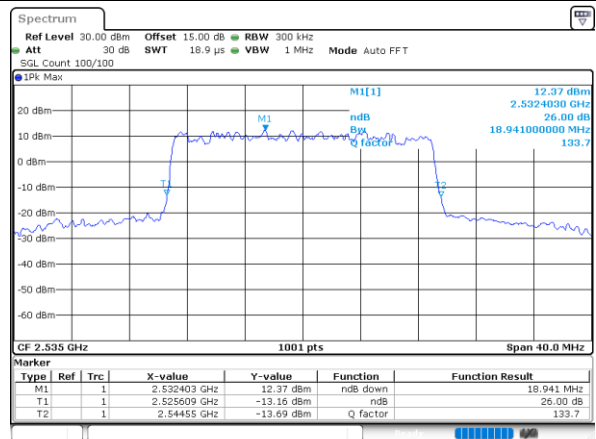
Date: 12 JUN 2025 15:55:12

Middle Channel / 20MHz / QPSK



Date: 12 JUN 2025 16:05:57

Middle Channel / 20MHz / 16QAM

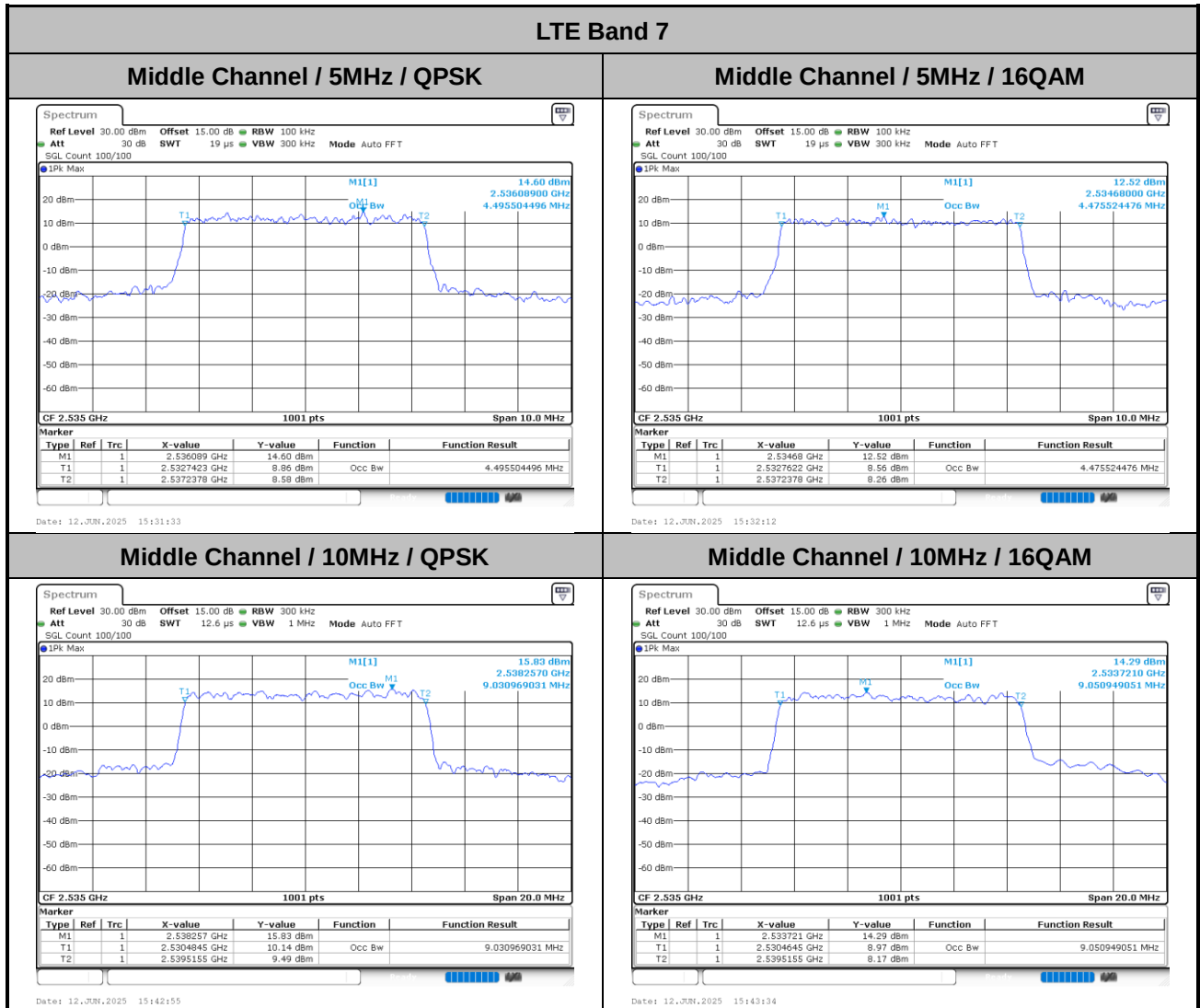


Date: 12 JUN 2025 16:06:36



Occupied Bandwidth

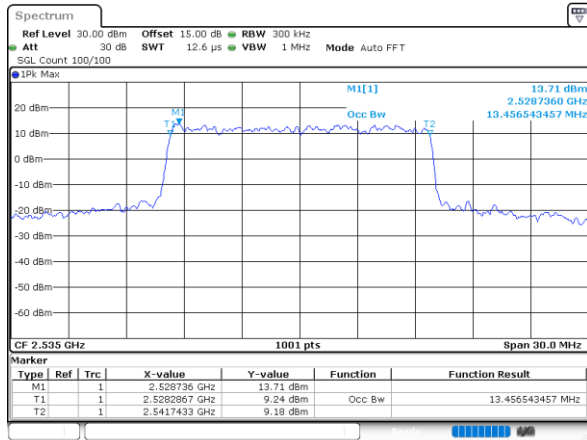
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.48	9.03	9.05	13.46	13.49	17.82	17.86



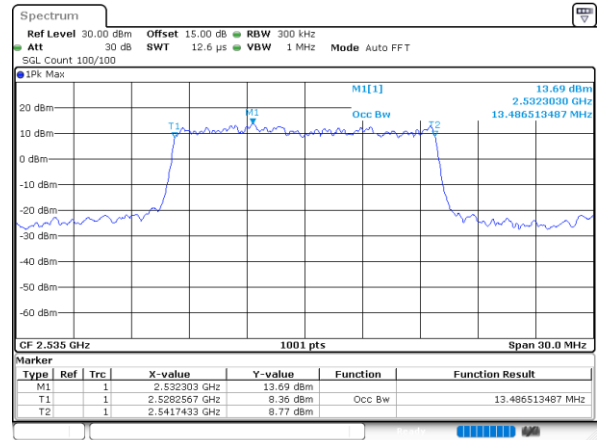


LTE Band 7

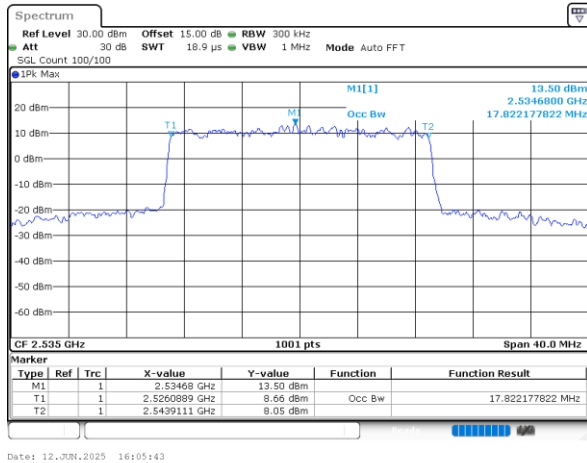
Middle Channel / 15MHz / QPSK



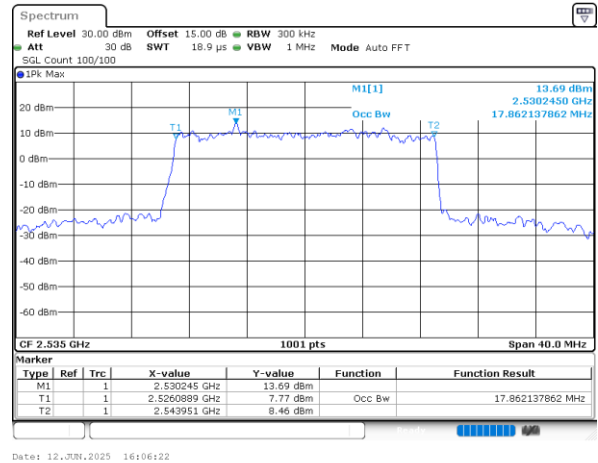
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

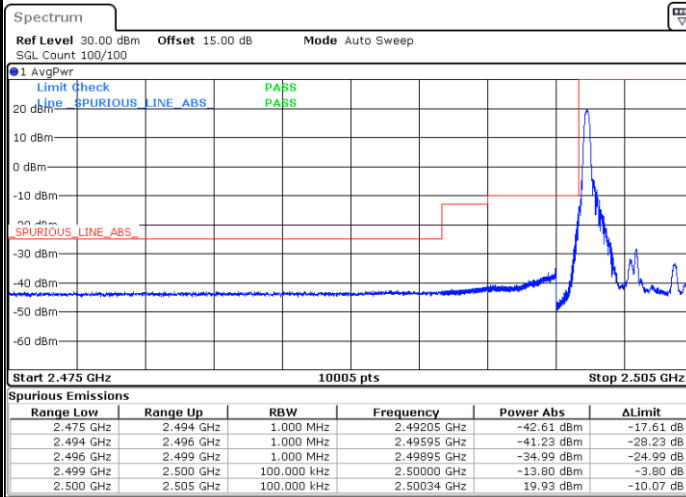




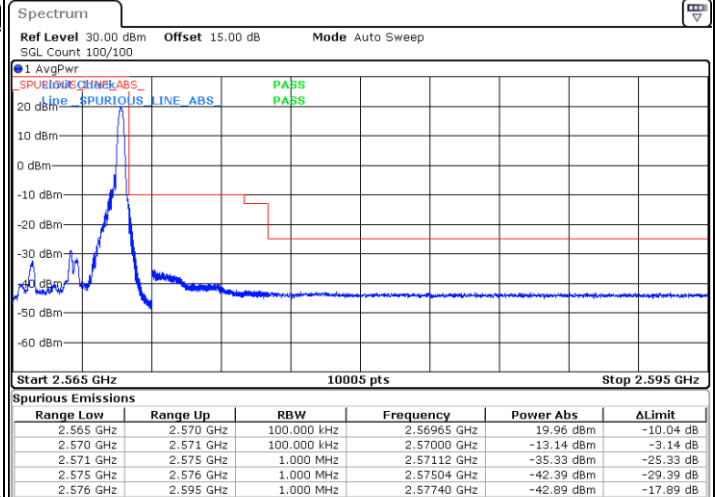
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

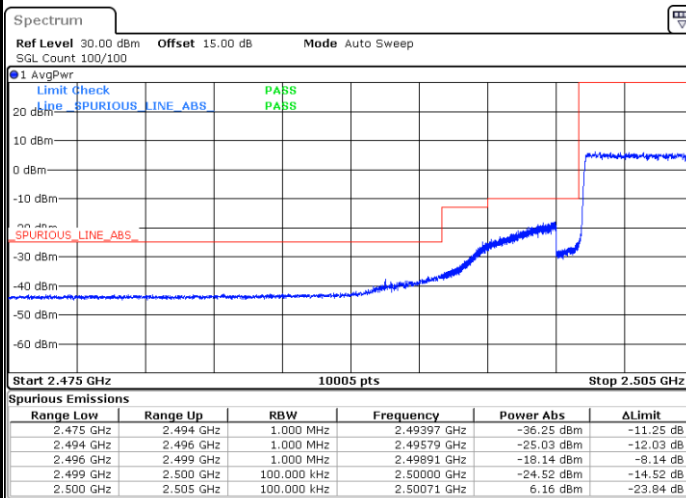
Lowest Band Edge / 1 RB



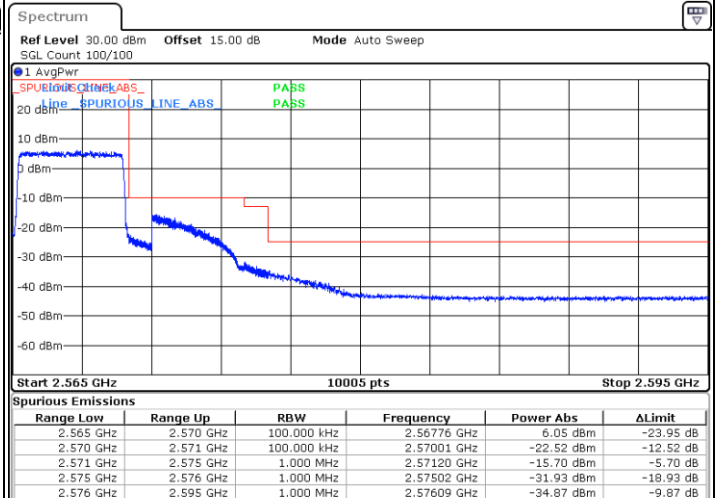
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



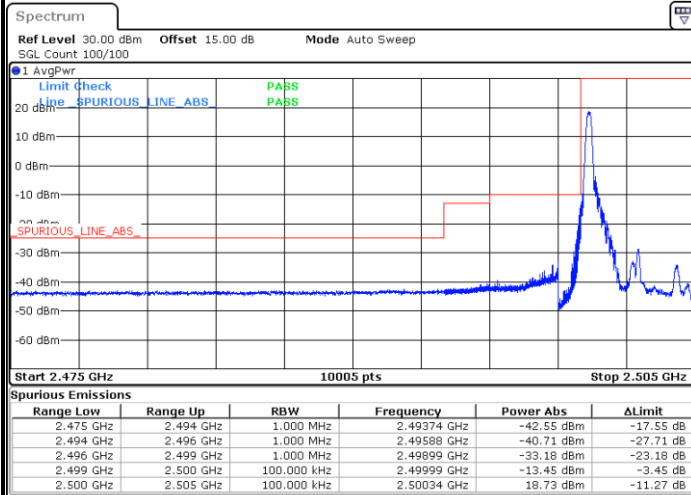
Highest Band Edge / Full RB



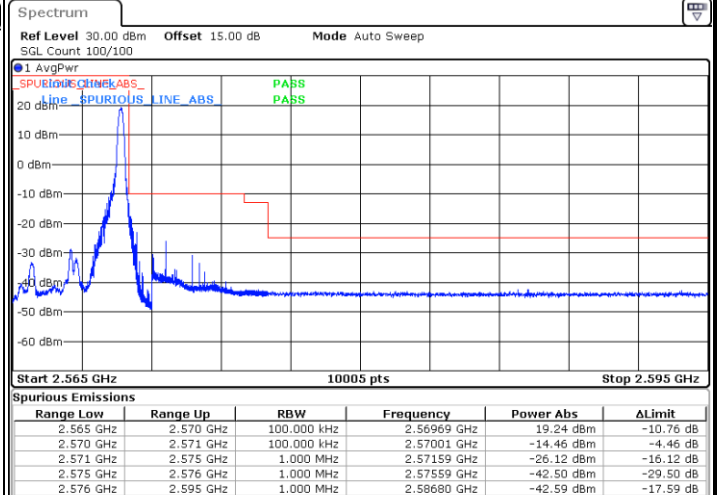


LTE Band 7 / 5MHz / 16QAM

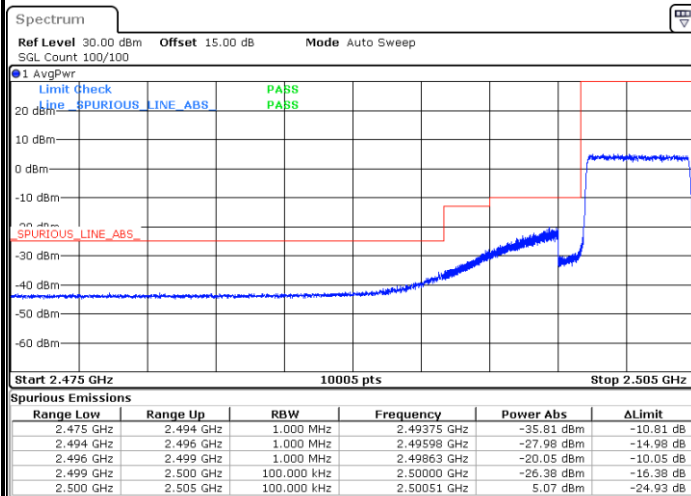
Lowest Band Edge / 1RB



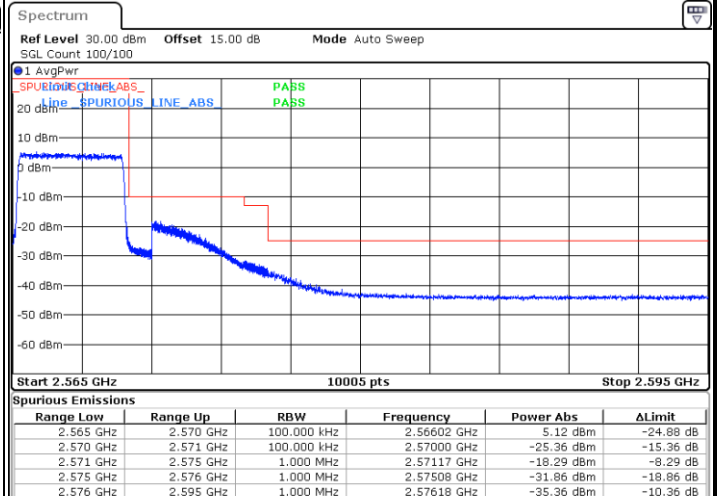
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



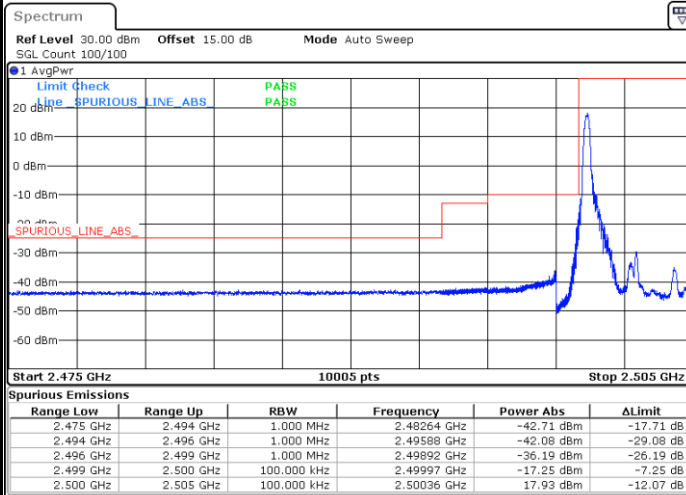
Highest Band Edge / Full RB



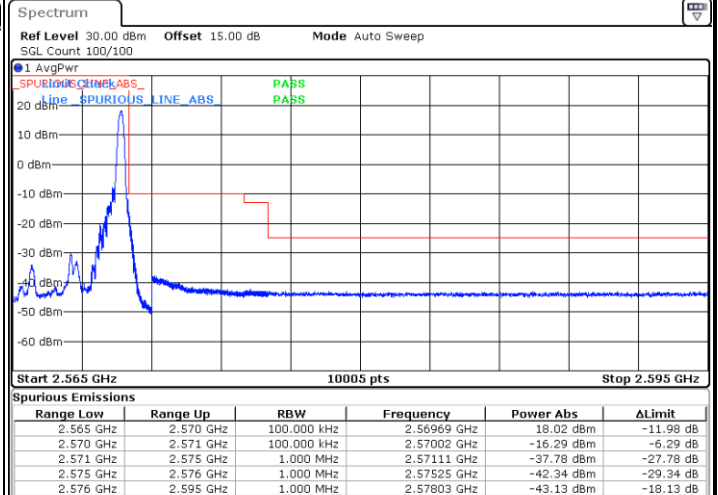


LTE Band 7 / 5MHz / 64QAM

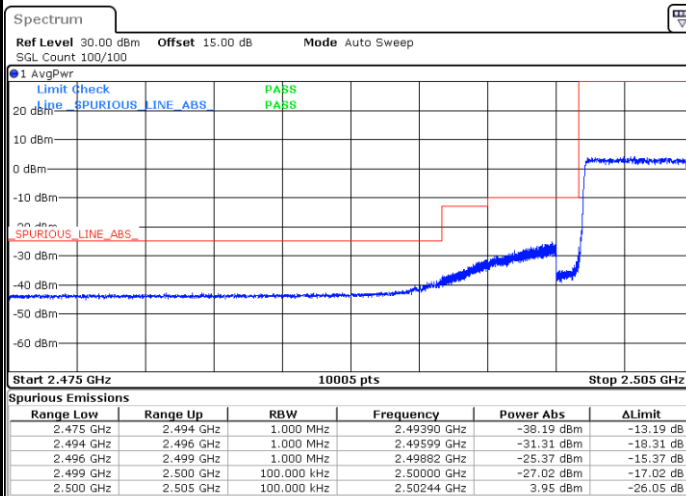
Lowest Band Edge / 1RB



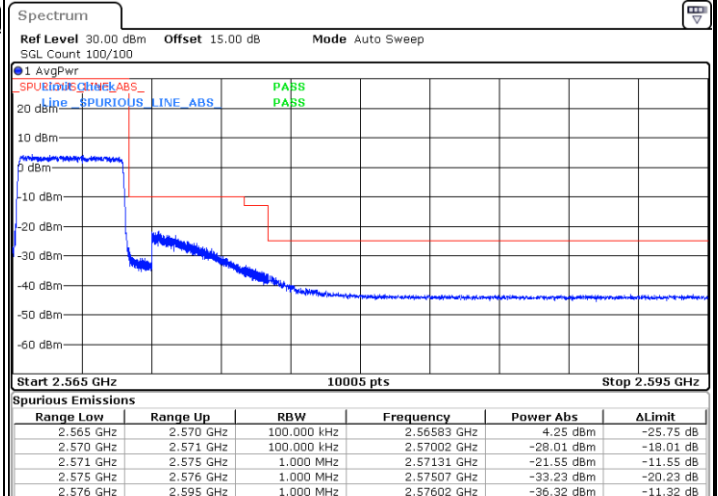
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



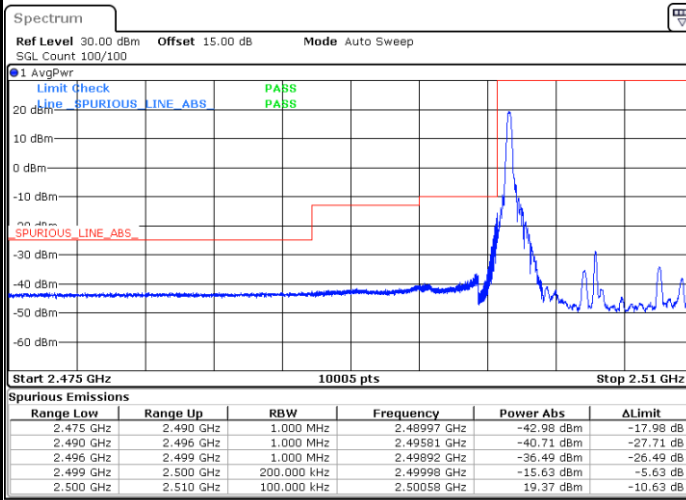
Highest Band Edge / Full RB



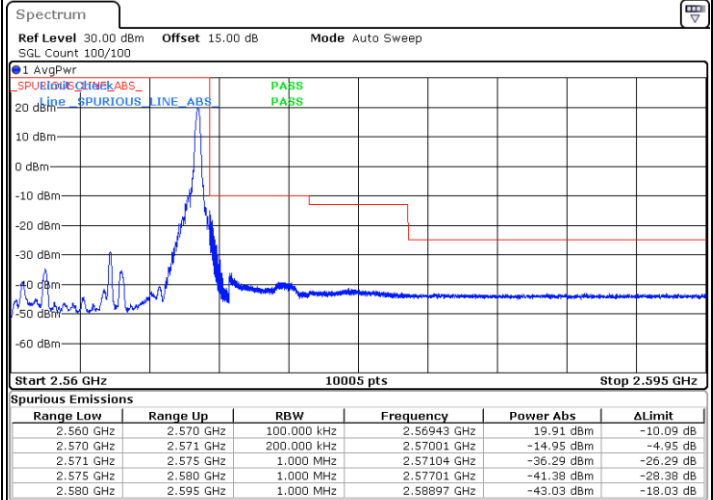


LTE Band 7 / 10MHz / QPSK

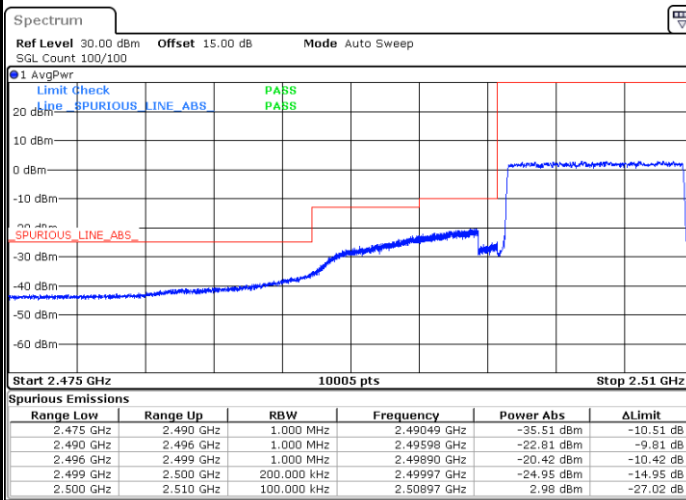
Lowest Band Edge / 1 RB



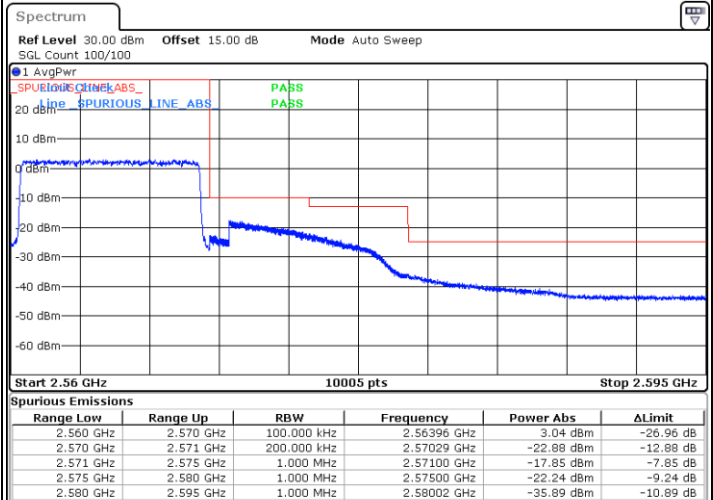
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



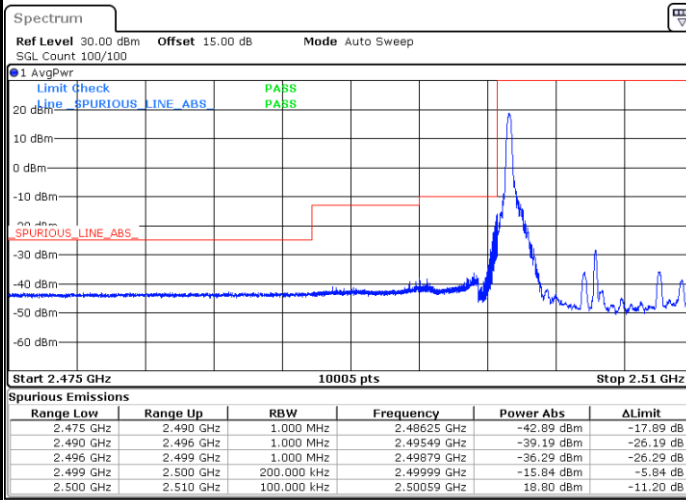
Highest Band Edge / Full RB



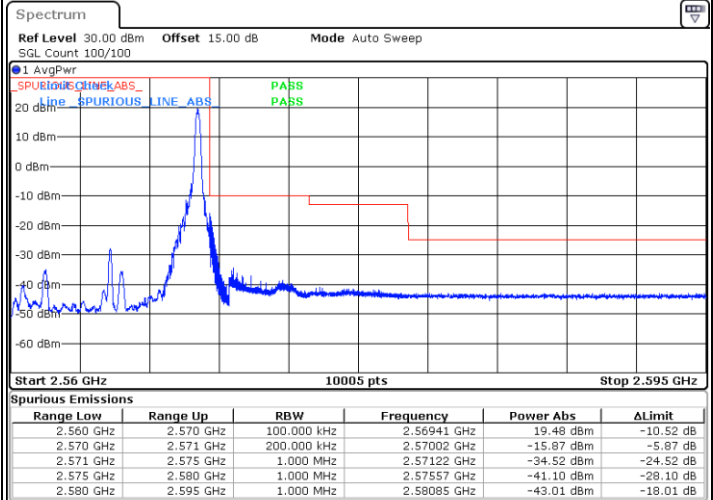


LTE Band 7 / 10MHz / 16QAM

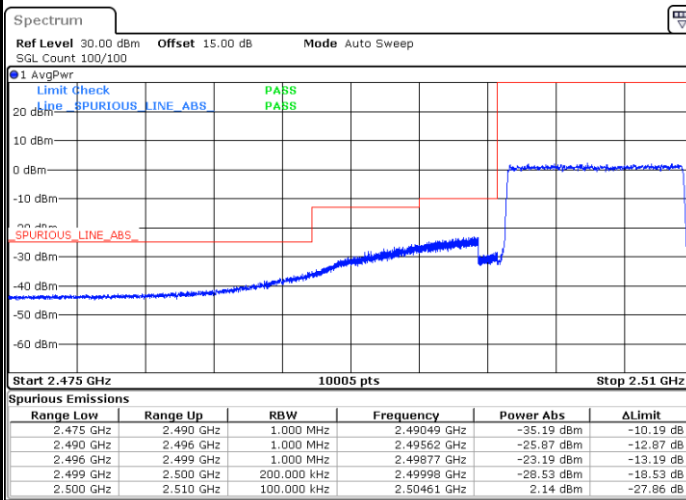
Lowest Band Edge / 1RB



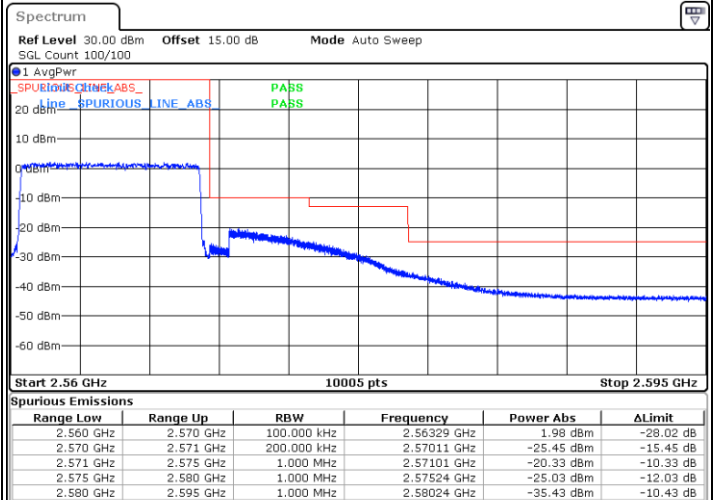
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



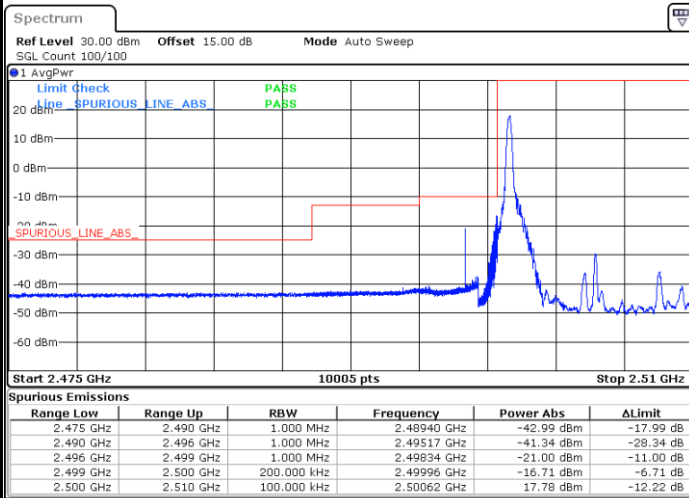
Highest Band Edge / Full RB



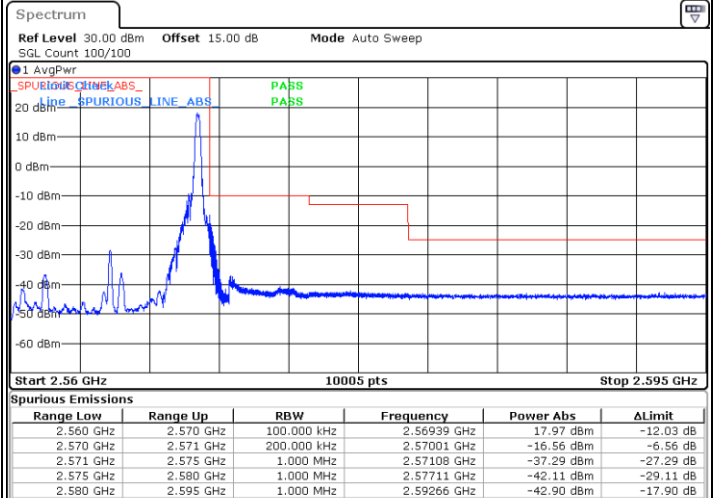


LTE Band 7 / 10MHz / 64QAM

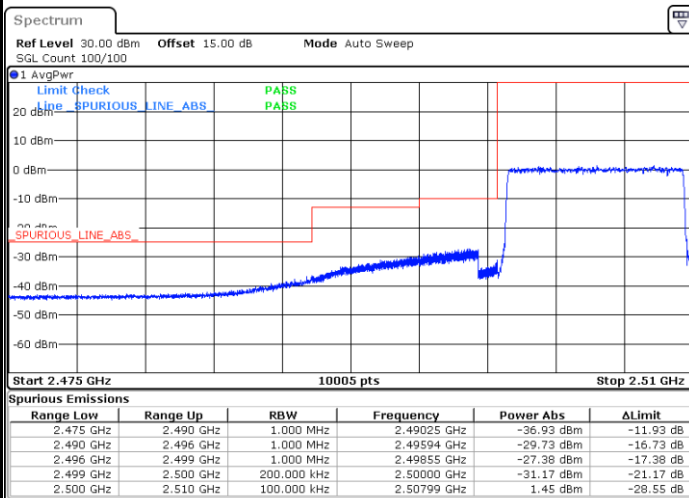
Lowest Band Edge / 1RB



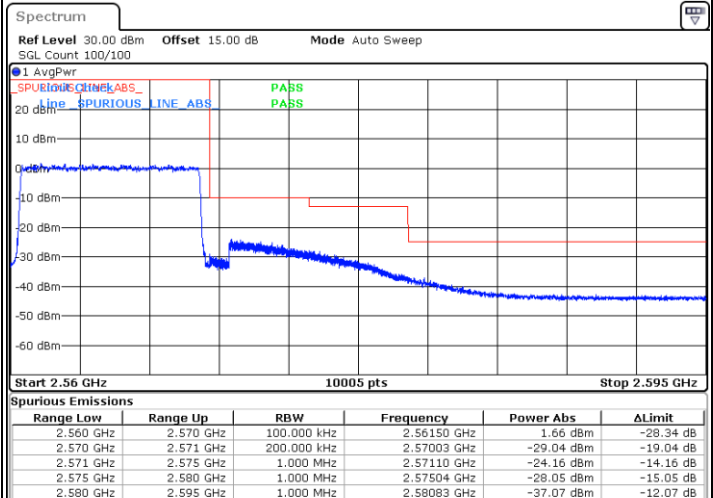
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



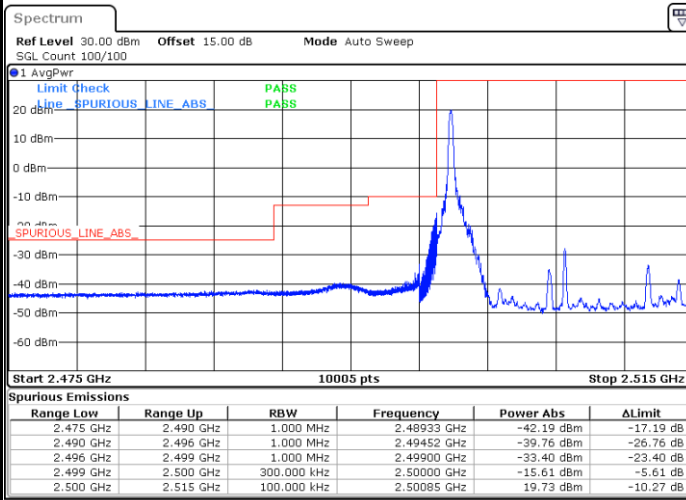
Highest Band Edge / Full RB



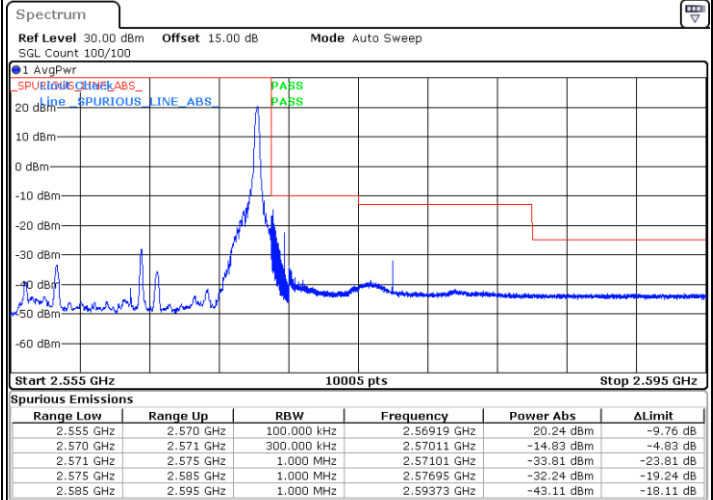


LTE Band 7 / 15MHz / QPSK

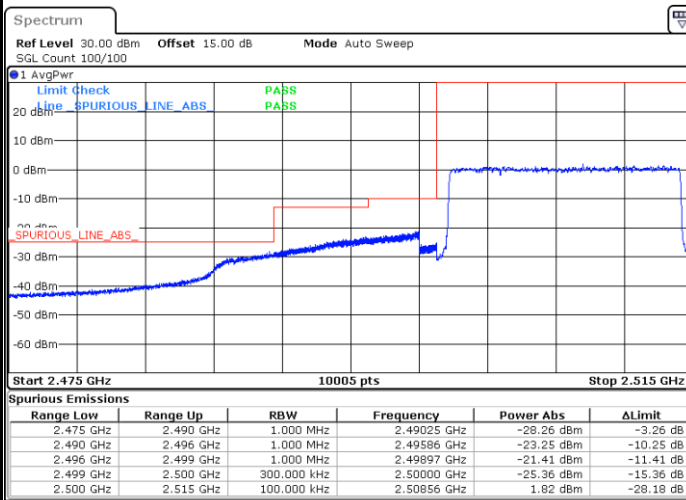
Lowest Band Edge / 1 RB



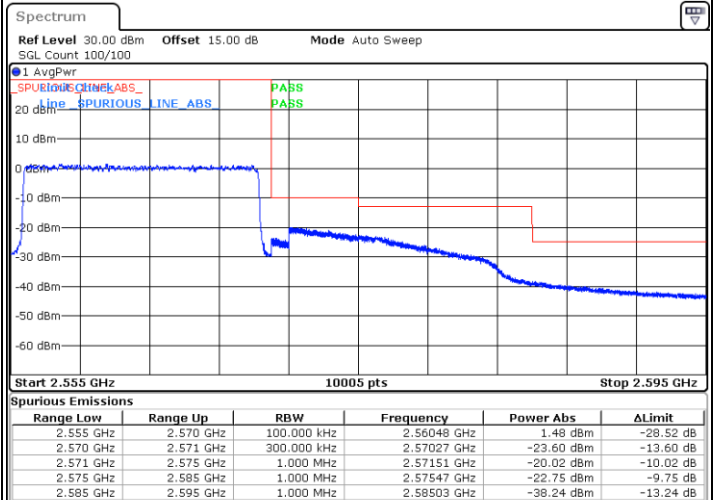
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



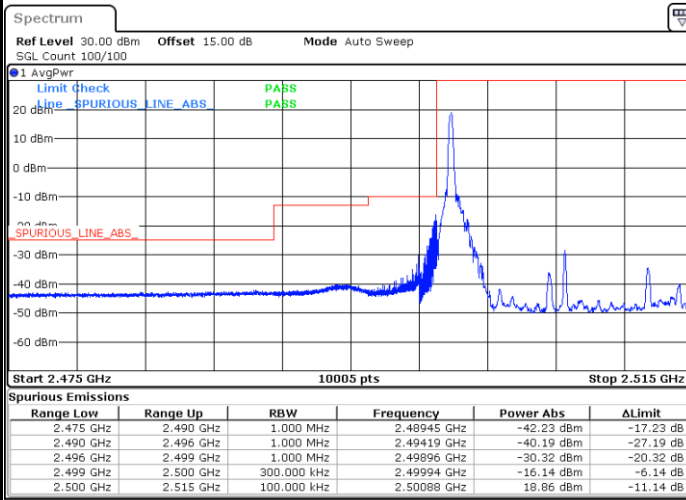
Highest Band Edge / Full RB



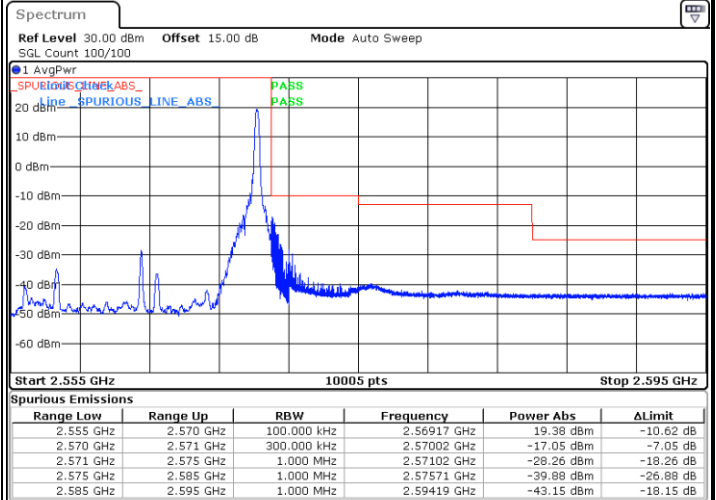


LTE Band 7 / 15MHz / 16QAM

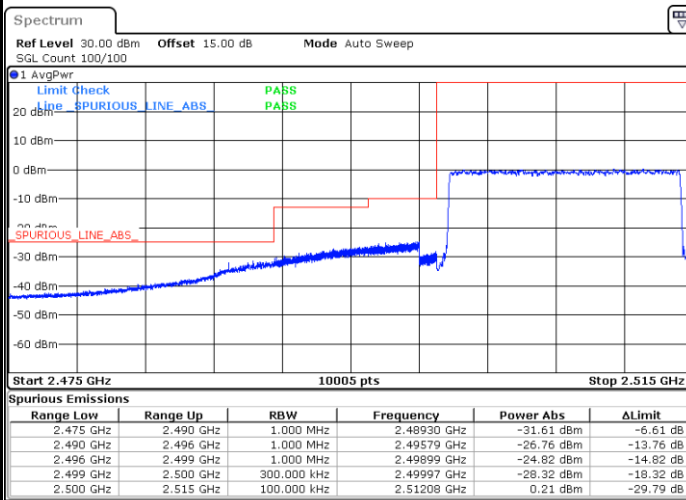
Lowest Band Edge / 1RB



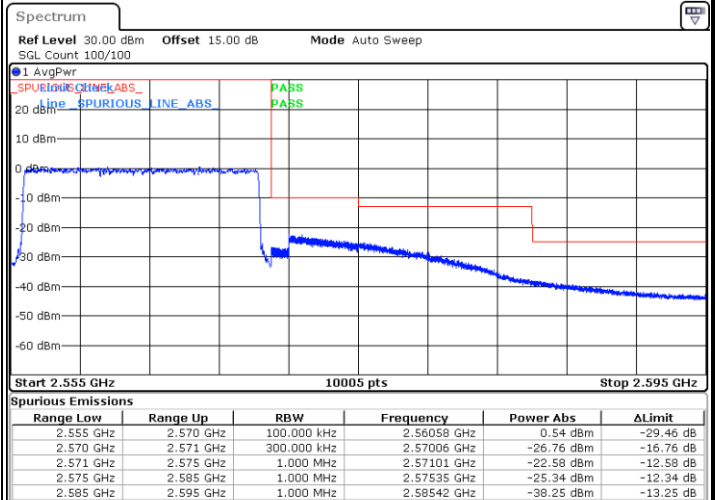
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



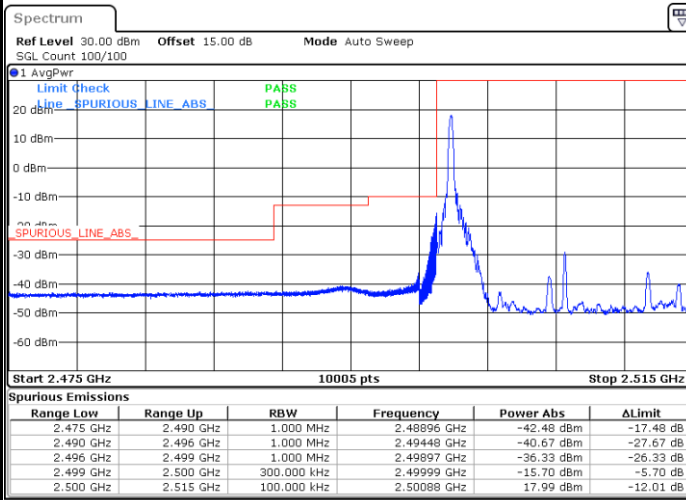
Highest Band Edge / Full RB



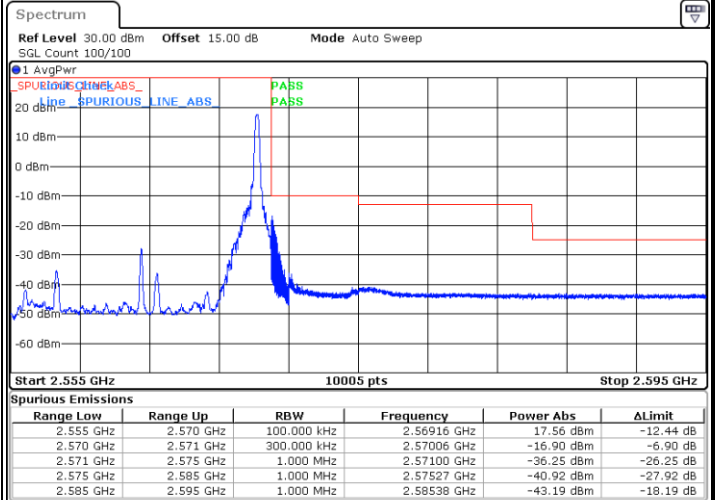


LTE Band 7 / 15MHz / 64QAM

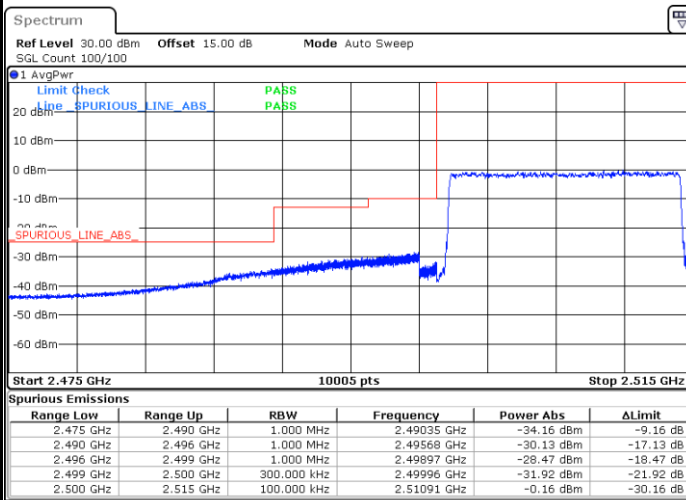
Lowest Band Edge / 1RB



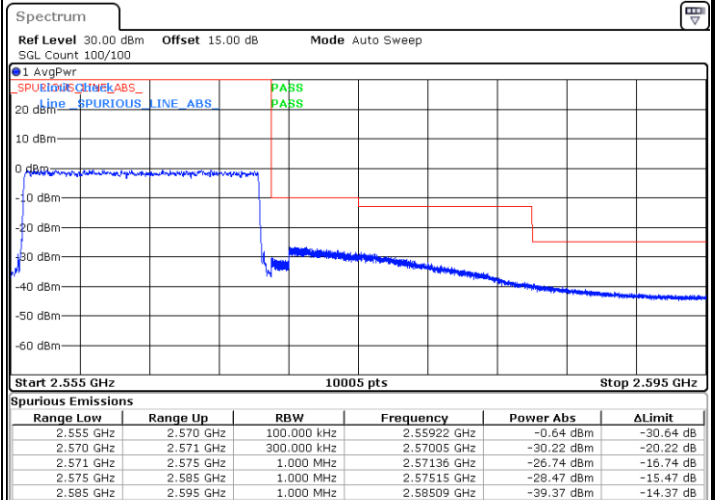
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



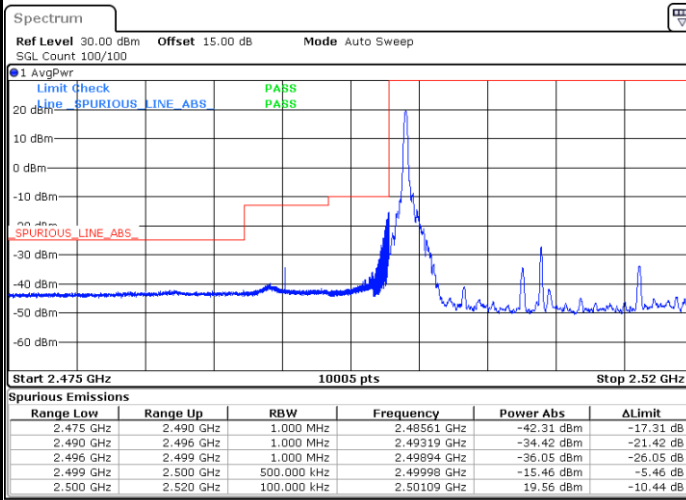
Highest Band Edge / Full RB



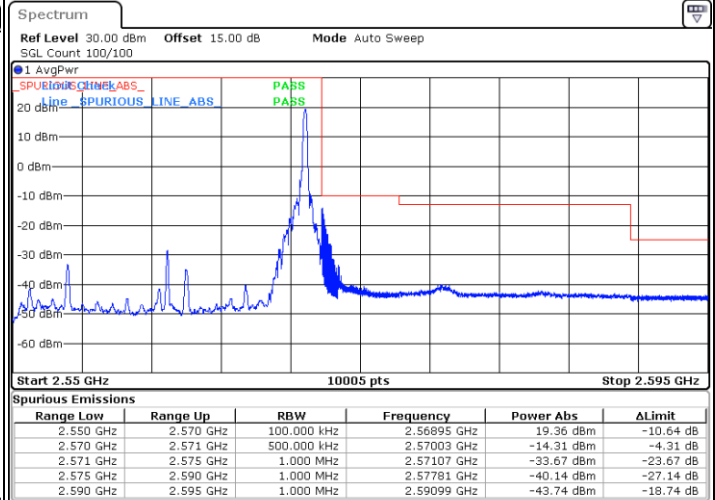


LTE Band 7 / 20MHz / QPSK

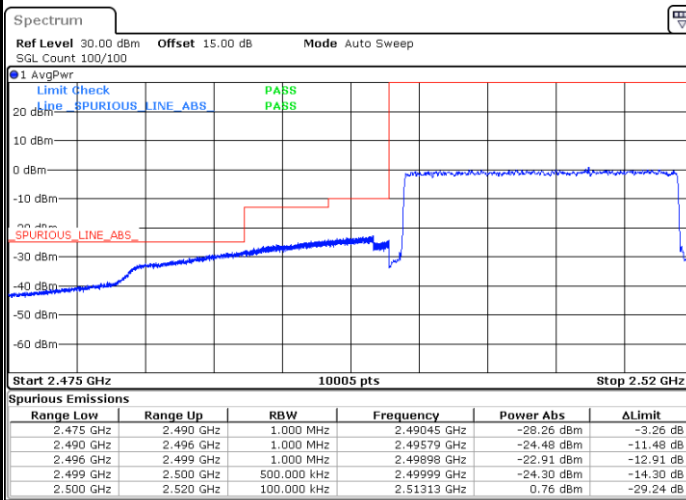
Lowest Band Edge / 1 RB



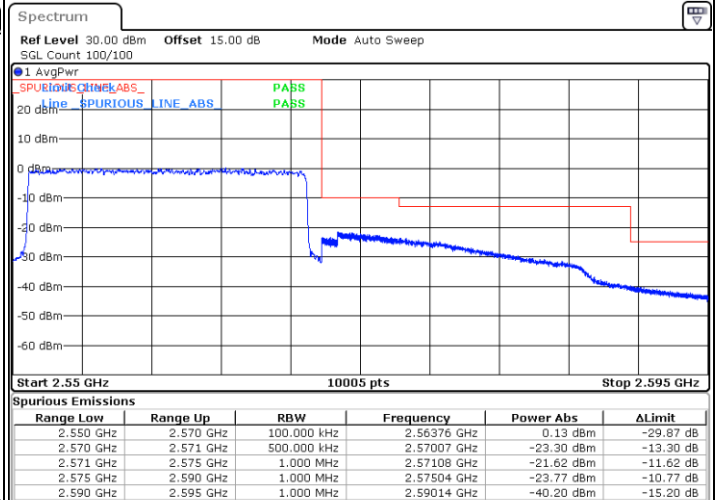
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



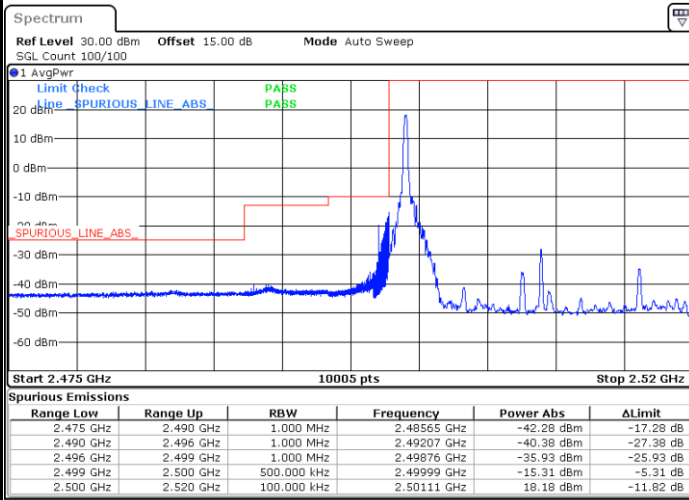
Highest Band Edge / Full RB



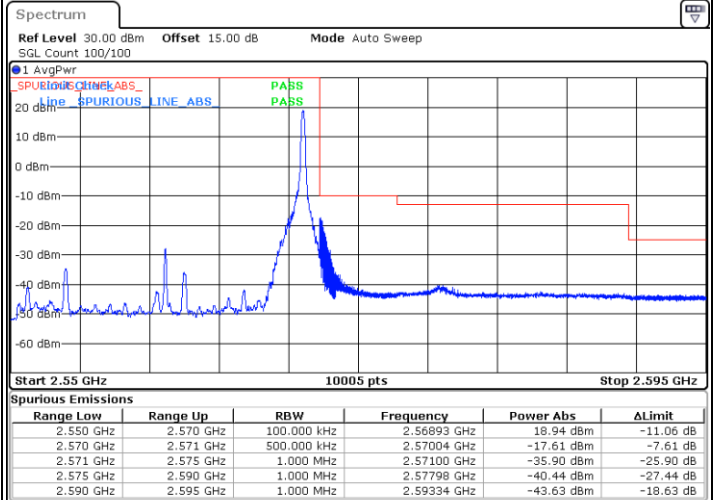


LTE Band 7 / 20MHz / 16QAM

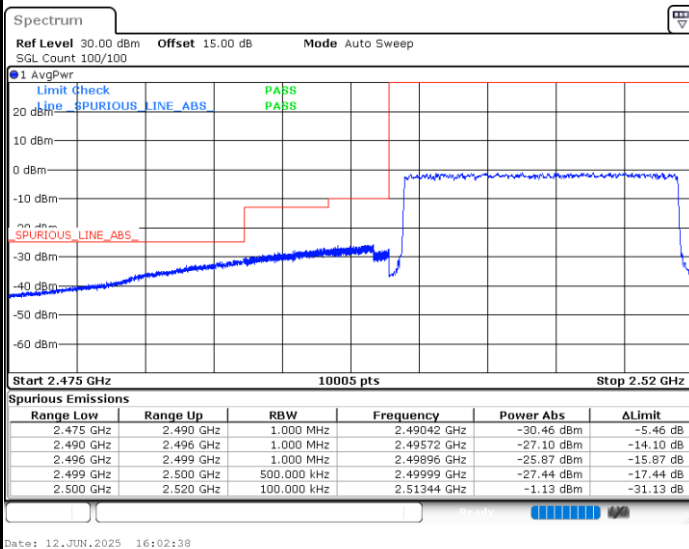
Lowest Band Edge / 1RB



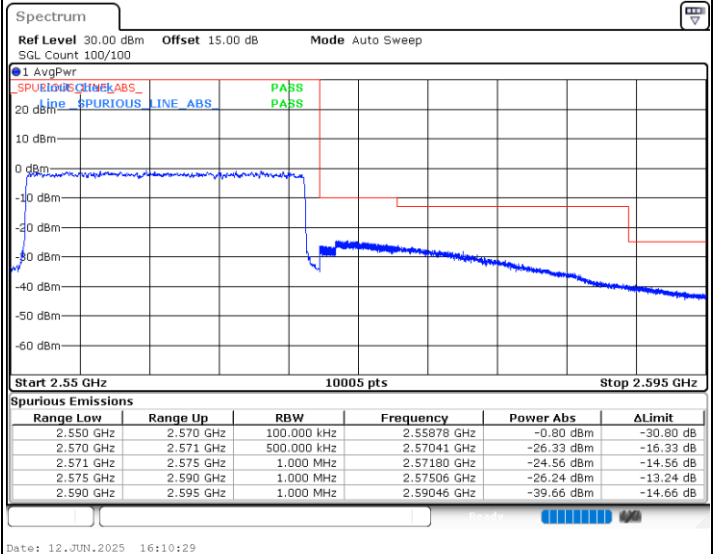
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



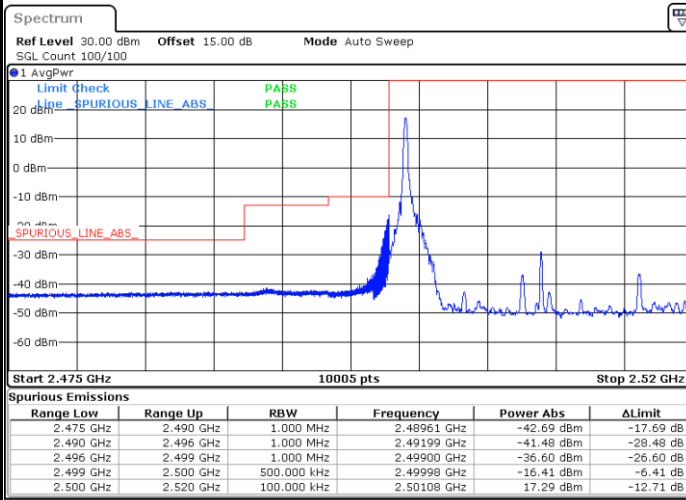
Highest Band Edge / Full RB



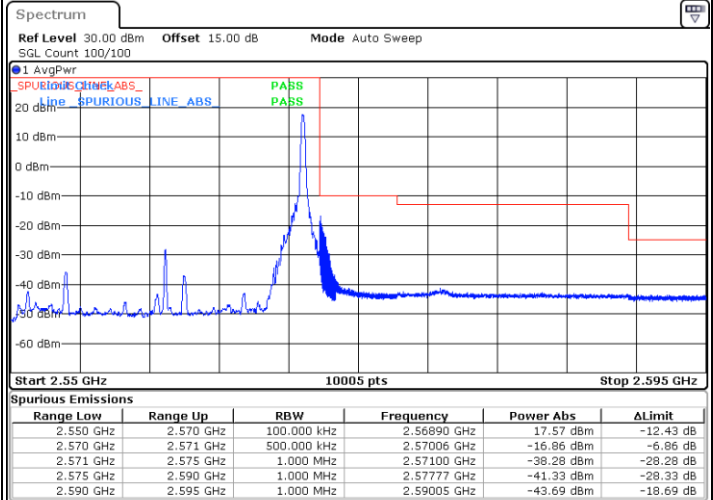


LTE Band 7 / 20MHz / 64QAM

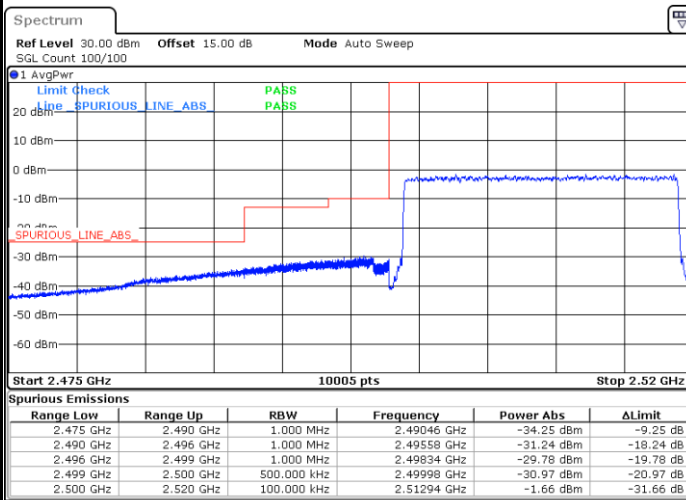
Lowest Band Edge / 1RB



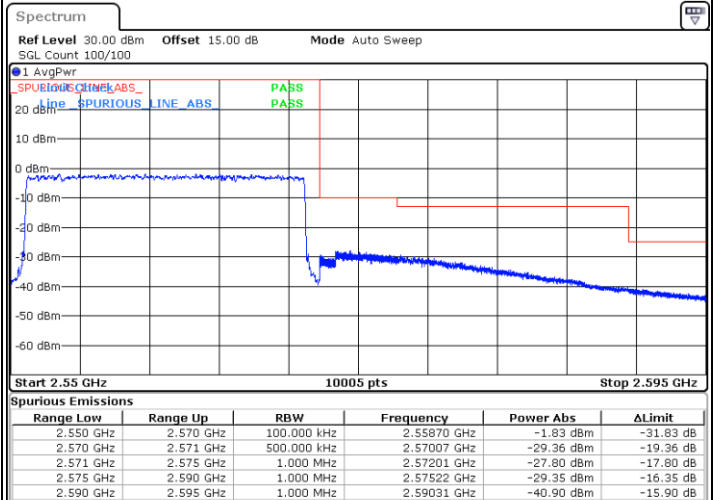
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

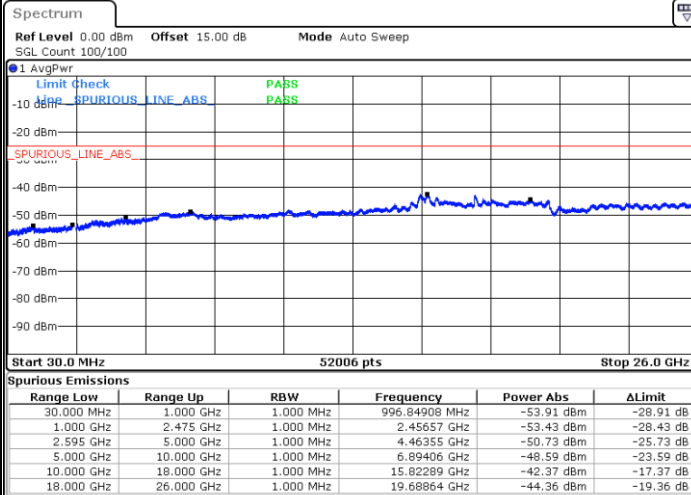




Conducted Spurious Emission

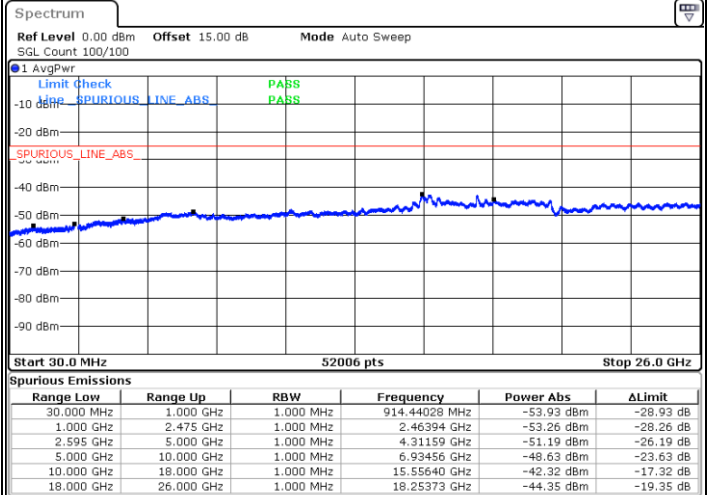
LTE Band 7 / 5MHz

Lowest Channel / QPSK



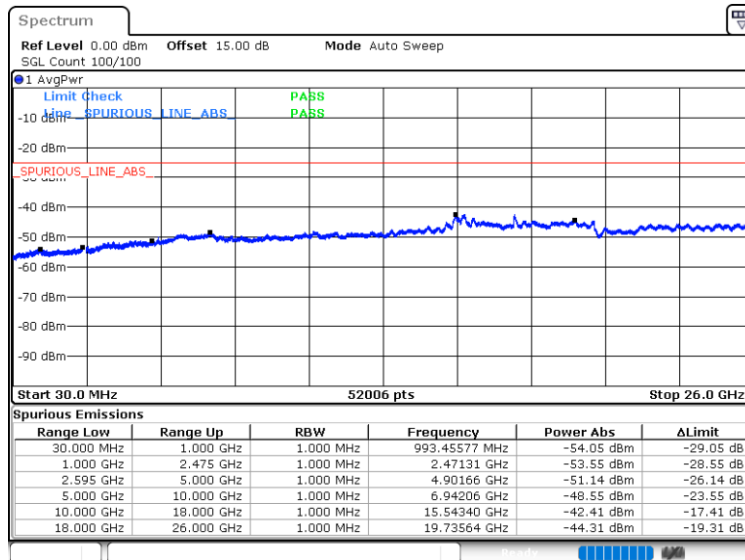
Date: 12 JUN 2025 15:30:03

Middle Channel / QPSK



Date: 12 JUN 2025 15:31:07

Highest Channel / QPSK



Date: 12 JUN 2025 15:36:34