



FCC RF Test Report

APPLICANT : Realme Chongqing Mobile Telecommunications Corp., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : realme
MODEL NAME : RMX5111
FCC ID : 2AUYFRMX5111
STANDARD : 47 CFR Part 27(M)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Jun. 17, 2025 ~ Jun. 30, 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
FG551908D	Rev. 01	Initial issue of report	Jul. 29, 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 25.36 dB at 10336.00 MHz

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/manufacturer 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

Realme Chongqing Mobile Telecommunications Corp., Ltd.
No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2 Manufacturer

Realme Chongqing Mobile Telecommunications Corp., Ltd.
No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	realme
Model Name	RMX5111
FCC ID	2AUYFRMX5111
IMEI Code	Conducted: 865838080031831/865838080031823 Radiation: 865838080030494/865838080030486
HW Version	11
SW Version	realme UI 6.0
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.1> LTE Band 7 : 22.33 dBm LTE Band 38 : 22.88 dBm LTE Band 41 : 23.38 dBm LTE CA_7B : 22.25 dBm LTE CA_7C : 22.29 dBm LTE CA_38C : 22.86 dBm LTE CA_41C: 23.30 dBm <Ant.3> LTE Band 7 : 23.08 dBm LTE Band 38 : 23.40 dBm LTE Band 41 : 23.75 dBm LTE CA_7B : 22.76 dBm LTE CA_7C : 22.94 dBm LTE CA_38C : 23.34 dBm LTE CA_41C: 23.72 dBm <Ant.4> LTE Band 7 : 23.60 dBm LTE Band 38 : 23.77 dBm LTE Band 41 : 24.50 dBm LTE CA_7B : 23.14 dBm LTE CA_7C : 23.21 dBm LTE CA_38C : 23.80 dBm LTE CA_41C: 24.11 dBm
Antenna Gain	<Ant.1> LTE Band 7 : -14.38 dBi LTE Band 38 : -14.38 dBi LTE Band 41 : -12.67 dBi <Ant.3> LTE Band 7 : -0.55 dBi LTE Band 38 : -1.58 dBi LTE Band 41 : -0.55 dBi <Ant.4> LTE Band 7 : -1.40 dBi LTE Band 38 : -1.40 dBi LTE Band 41 : -1.40 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 7/7B/7C/41/41C and Antenna 4 for LTE Band 38/38C

are shown in the report.

2. For LTE Band7/7B/7C/38/38C/41/41C, only the test data of Ant.4 is showed in the report according to the maximum conducted power for conducted test items.

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	0.1758	4M49G7D	0.1409	4M50W7D
10	2505.0 ~ 2565.0	0.1770	9M03G7D	0.1429	9M03W7D
15	2507.5 ~ 2562.5	0.1778	13M5G7D	0.1419	13M4W7D
20	2510.0 ~ 2560.0	0.1791	17M9G7D	0.1435	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	0.1702	4M49G7D	0.1368	4M51W7D
10	2575.0 ~ 2615.0	0.1710	9M03G7D	0.1374	9M01W7D
15	2577.5 ~ 2612.5	0.1683	13M5G7D	0.1374	13M4W7D
20	2580.0 ~ 2610.0	0.1726	17M9G7D	0.1393	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	0.2065	4M49G7D	0.1493	4M51W7D
10	2501.0 ~ 2685.0	0.2051	9M03G7D	0.1503	9M01W7D
15	2503.5 ~ 2682.5	0.2065	13M5G7D	0.1496	13M4W7D
20	2506.0 ~ 2680.0	0.2089	17M9G7D	0.1524	17M9W7D



LTE Band CA_7C	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10MHz+20MHz	0.1706	28M3G7D	0.1496	28M0W7D
15MHz+15MHz	0.1698	28M7G7D	0.1535	28M5W7D
15MHz+20MHz	0.1722	32M9G7D	0.1524	32M9W7D
15MHz+10MHz	0.1718	23M6G7D	0.1503	23M4W7D
20MHz+10MHz	0.1734	28M1G7D	0.1514	28M1W7D
20MHz+15MHz	0.1710	32M8G7D	0.1493	33M0W7D
20MHz+20MHz	0.1734	37M6G7D	0.1535	37M6W7D
LTE Band CA_7B	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
15MHz+5MHz	0.1663	18M2G7D	0.1343	18M3W7D
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	0.1726	28M8G7D	0.1346	28M7W7D
20MHz+20MHz	0.1738	37M8G7D	0.1371	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	0.2056	23M1G7D	0.1648	23M2W7D
10MHz+20MHz	0.2061	28M1G7D	0.1633	28M3W7D
10MHz+15MHz	0.2037	23M5G7D	0.1644	23M5W7D
15MHz+15MHz	0.2051	28M8G7D	0.1607	28M7W7D
15MHz+20MHz	0.2032	33M0G7D	0.1641	32M9W7D
15MHz+10MHz	0.2037	23M5G7D	0.1611	23M6W7D
20MHz+5MHz	0.2046	23M4G7D	0.1626	23M2W7D
20MHz+10MHz	0.2018	27M9G7D	0.1626	27M9W7D
20MHz+15MHz	0.2014	32M8G7D	0.1629	32M8W7D
20MHz+20MHz	0.2075	37M8G7D	0.1656	37M6W7D

Note:

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

1.7 Testing Location

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

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

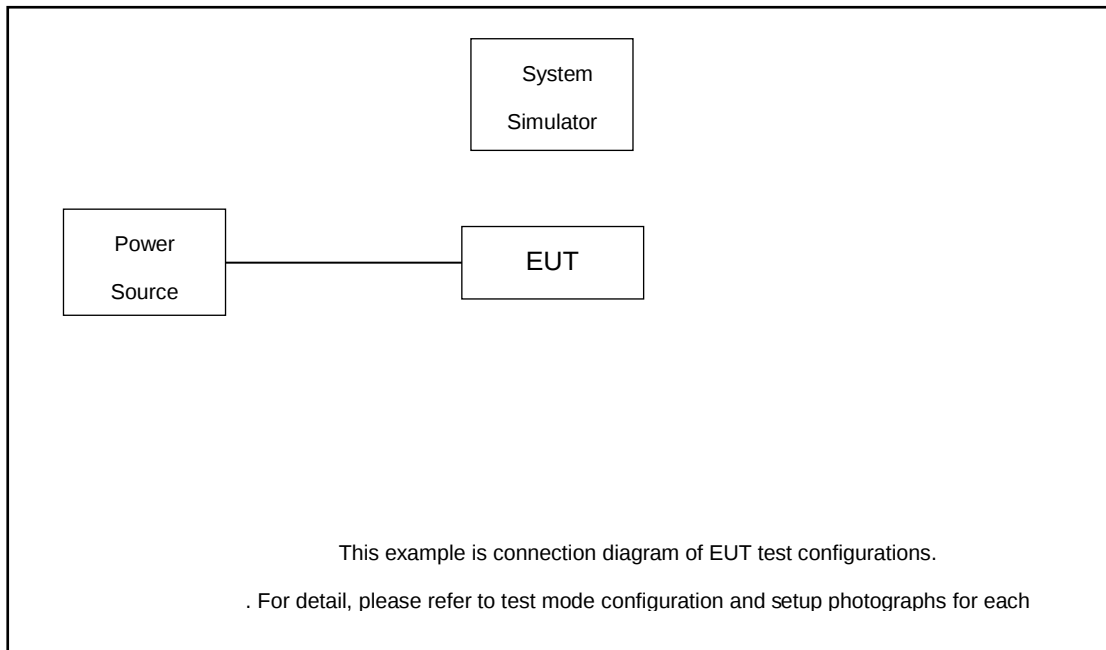
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	7	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	-	v	v	v	v	v	v
Peak-to-Average Ratio	7	-	-				v	v	v	v	-			v		v	
	41	-	-				v	v	v	v	-			v		v	
26dB and 99% Bandwidth	7	-	-	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
	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
	41	-	-	v	v	v	v	v			-	v			v	v	v
Frequency Stability	7	-	-		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	
	41	Worst Case														v	
Note	1. The mark "v " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																



Test Items	Band	Bandwidth (MHz)										Modulation			RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	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	
	41C_CA	Worst Case																	v	
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																			

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

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

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

LTE Band 7B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
15 + 5	PCC	Channel	20825	21076	21327
		Frequency	2507.5	2532.6	2557.7
	SCC	Channel	20918	21169	21420
		Frequency	2516.8	2541.9	2567.0

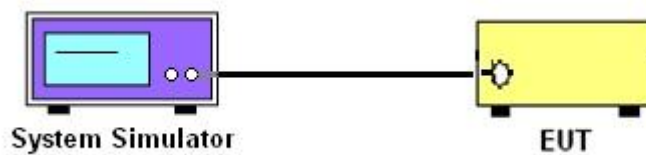
3 Conducted Test Items

3.1 Measuring Instruments

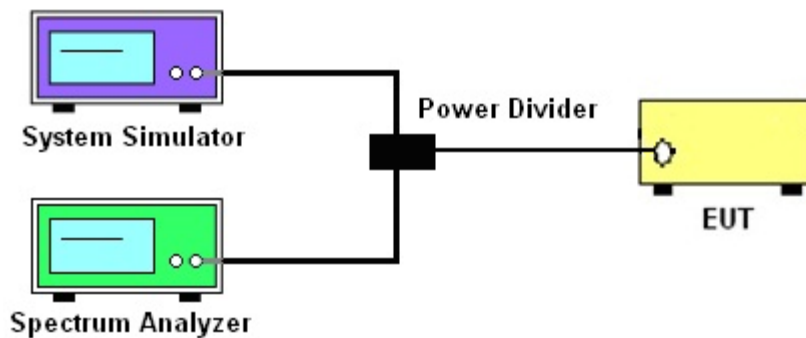
See list of measuring instruments of this test report.

3.2 Test Setup

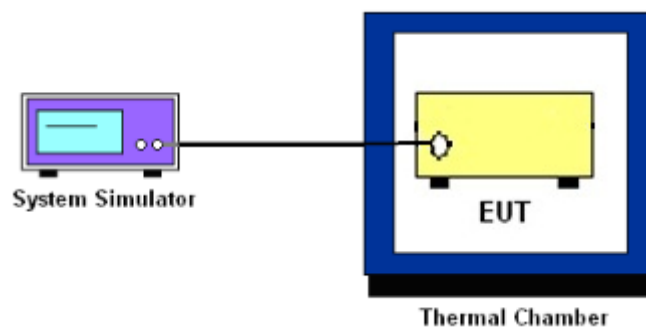
3.2.1 Conducted Output Power



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

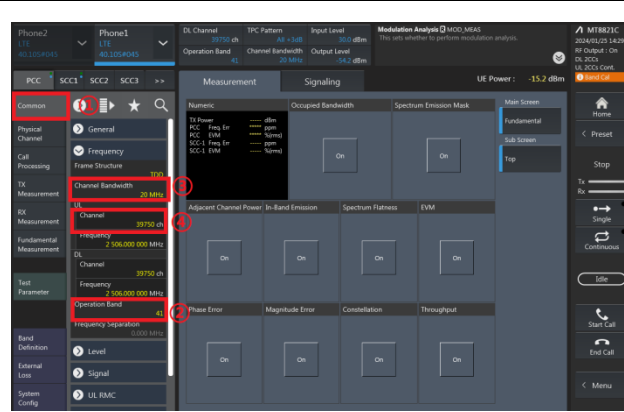
3.4.2 Test Procedures

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.

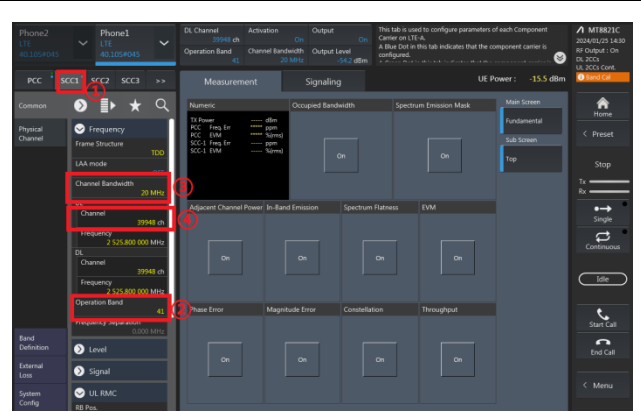
3.4.3 Test Procedures for LTE ULCA

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.

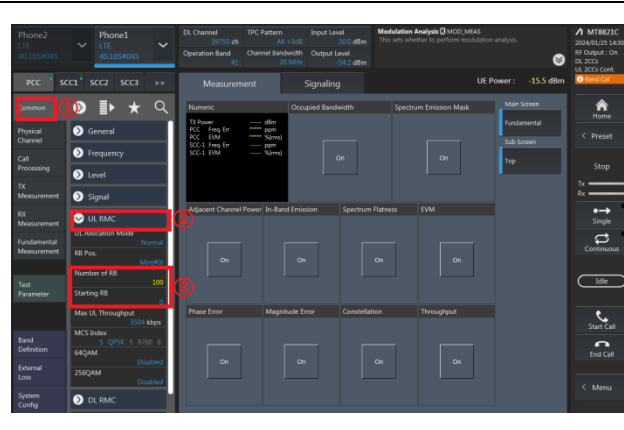
PCC config_ (Channel Bandwidth / Channel / Band)



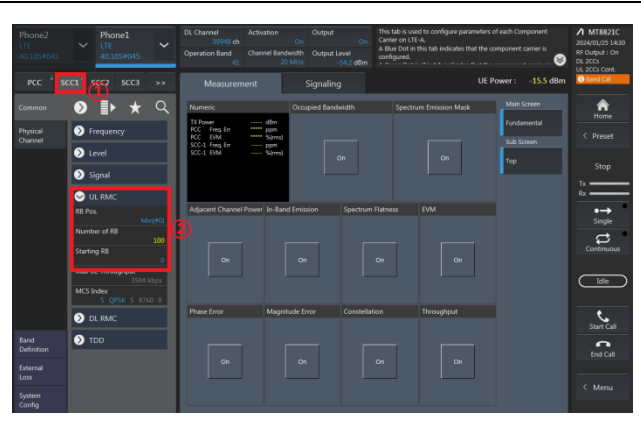
SCC config_ (Channel Bandwidth / Channel / Band)



PCC config_ (Number of RB / Starting RB)

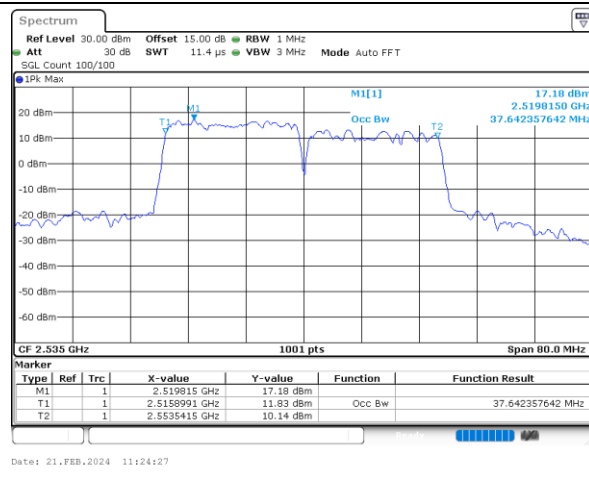


SCC config_ (Number of RB / Starting RB)

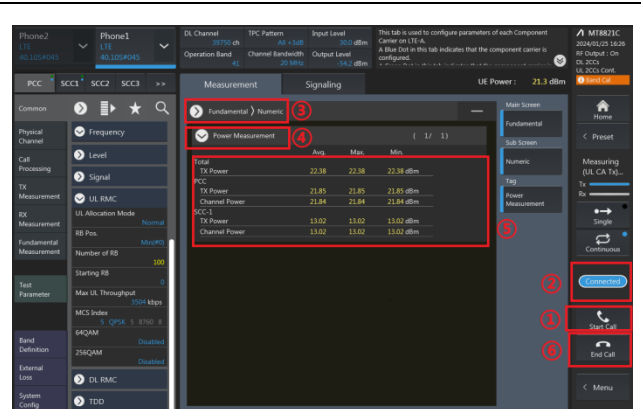


4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

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 $\geq 1\%$ 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.
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 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.

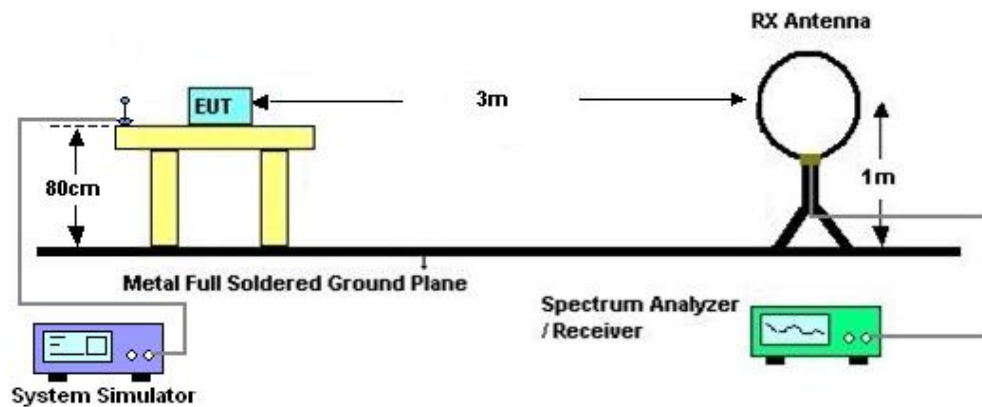
4 Radiated Test Items

4.1 Measuring Instruments

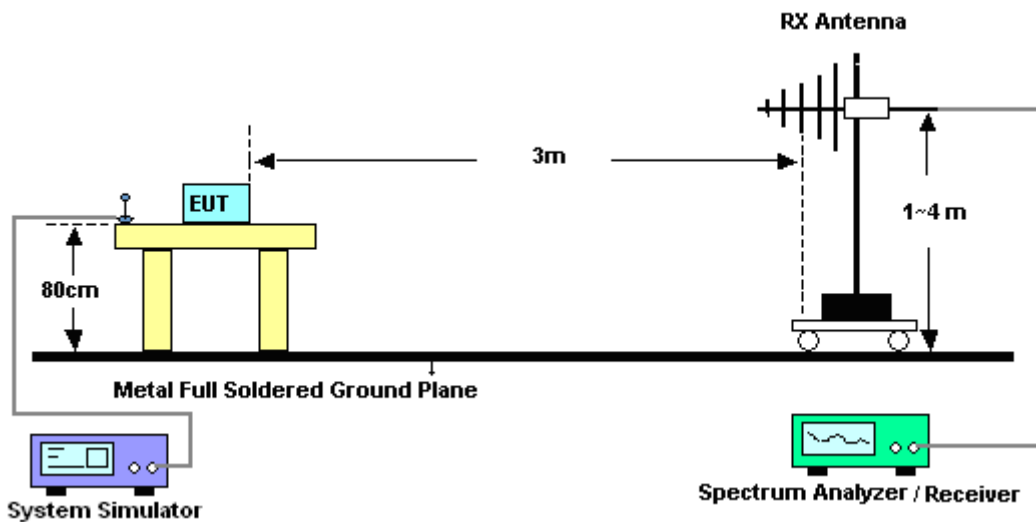
See list of measuring instruments of this test report.

4.2 Test Setup

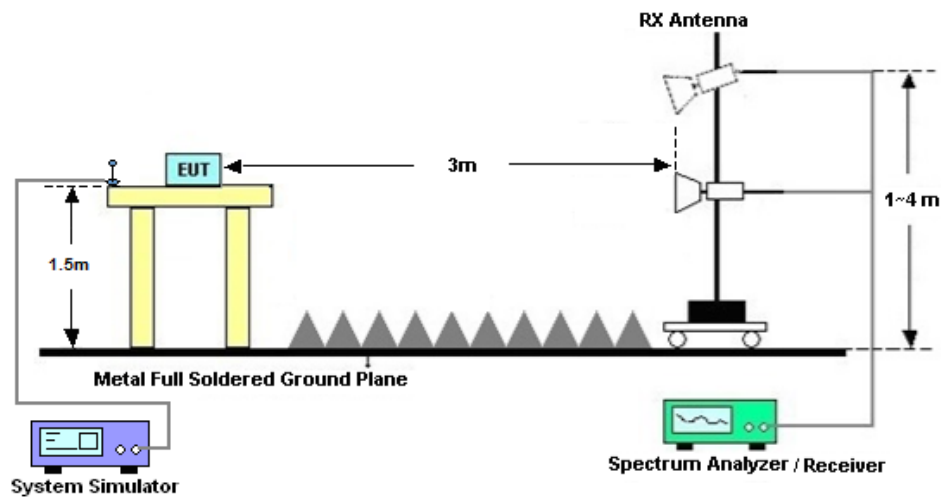
4.2.1 For radiated test below 30MHz



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	Jun. 30, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Jun. 30, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jun. 30, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Jun. 30, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jun. 30, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz-40GHz	Apr. 03, 2025	Jun. 30, 2025	Apr. 02, 2026	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Jun. 30, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 14, 2024	Jun. 30, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Jun. 30, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Jun. 30, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Jun. 30, 2025	NCR	Radiation (03CH02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jun. 17, 2025~Jun. 23, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct.14,2024	Jun. 17, 2025~Jun. 23, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jun. 17, 2025~Jun. 23, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Jun. 17, 2025~Jun. 23, 2025	Jul. 02, 2025	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 (9 KHz ~ 30 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 (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (1 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 :	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	23.00	23.08	23.06	0.1758	0.1791	0.1782
20	QPSK	1	49	22.90	23.04	23.04	0.1718	0.1774	0.1774
20	QPSK	1	99	22.91	23.00	23.05	0.1722	0.1758	0.1778
20	QPSK	50	0	21.88	21.98	21.95	0.1358	0.1390	0.1380
20	QPSK	50	24	21.78	21.85	21.89	0.1327	0.1349	0.1361
20	QPSK	50	50	21.71	21.85	21.87	0.1306	0.1349	0.1355
20	QPSK	100	0	21.80	21.90	21.85	0.1334	0.1365	0.1349
20	16QAM	1	0	21.90	22.03	22.03	0.1365	0.1406	0.1406
20	16QAM	1	49	21.97	22.10	22.12	0.1387	0.1429	0.1435
20	16QAM	1	99	22.02	22.12	22.11	0.1403	0.1435	0.1432
20	16QAM	50	0	20.61	20.77	20.83	0.1014	0.1052	0.1067
20	16QAM	50	24	20.67	20.81	20.91	0.1028	0.1062	0.1086
20	16QAM	50	50	20.71	20.85	20.88	0.1038	0.1072	0.1079
20	16QAM	100	0	20.65	20.80	20.84	0.1023	0.1059	0.1069
20	64QAM	1	0	20.90	20.87	20.93	0.1084	0.1076	0.1091
20	64QAM	1	49	20.86	20.98	21.03	0.1074	0.1104	0.1117
20	64QAM	1	99	20.93	20.99	21.04	0.1091	0.1107	0.1119
20	64QAM	50	0	19.61	19.79	19.83	0.0805	0.0839	0.0847
20	64QAM	50	24	19.68	19.84	19.88	0.0818	0.0849	0.0857
20	64QAM	50	50	19.71	19.83	19.86	0.0824	0.0847	0.0853
20	64QAM	100	0	19.66	19.82	19.85	0.0815	0.0845	0.0851
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	22.96	23.05	23.00	0.1742	0.1778	0.1758
15	QPSK	1	37	22.83	22.94	22.93	0.1690	0.1734	0.1730
15	QPSK	1	74	22.76	22.90	22.93	0.1663	0.1718	0.1730
15	QPSK	36	0	21.73	21.93	21.87	0.1312	0.1374	0.1355
15	QPSK	36	20	21.65	21.78	21.88	0.1288	0.1327	0.1358
15	QPSK	36	39	21.62	21.82	21.80	0.1279	0.1340	0.1334
15	QPSK	75	0	21.67	21.83	21.80	0.1294	0.1343	0.1334
15	16QAM	1	0	21.79	21.88	21.98	0.1330	0.1358	0.1390
15	16QAM	1	37	21.85	22.07	22.04	0.1349	0.1419	0.1409
15	16QAM	1	74	21.99	21.97	22.01	0.1393	0.1387	0.1400
15	16QAM	36	0	20.60	20.64	20.78	0.1012	0.1021	0.1054
15	16QAM	36	20	20.66	20.74	20.84	0.1026	0.1045	0.1069



15	16QAM	36	39	20.63	20.79	20.87	0.1019	0.1057	0.1076
15	16QAM	75	0	20.61	20.67	20.76	0.1014	0.1028	0.1050
15	64QAM	1	0	20.89	20.82	20.79	0.1081	0.1064	0.1057
15	64QAM	1	37	20.83	20.87	20.88	0.1067	0.1076	0.1079
15	64QAM	1	74	20.79	20.86	20.99	0.1057	0.1074	0.1107
15	64QAM	36	0	19.60	19.77	19.72	0.0804	0.0836	0.0826
15	64QAM	36	20	19.60	19.71	19.77	0.0804	0.0824	0.0836
15	64QAM	36	39	19.66	19.78	19.84	0.0815	0.0838	0.0849
15	64QAM	75	0	19.63	19.74	19.73	0.0809	0.0830	0.0828
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	22.98	23.03	22.96	0.1750	0.1770	0.1742
10	QPSK	1	25	22.89	23.03	22.91	0.1714	0.1770	0.1722
10	QPSK	1	49	22.83	22.97	22.98	0.1690	0.1746	0.1750
10	QPSK	25	0	21.78	21.86	21.91	0.1327	0.1352	0.1368
10	QPSK	25	12	21.67	21.77	21.75	0.1294	0.1324	0.1318
10	QPSK	25	25	21.56	21.80	21.72	0.1262	0.1334	0.1309
10	QPSK	50	0	21.69	21.87	21.78	0.1300	0.1355	0.1327
10	16QAM	1	0	21.89	21.93	22.01	0.1361	0.1374	0.1400
10	16QAM	1	25	21.94	22.04	22.08	0.1377	0.1409	0.1422
10	16QAM	1	49	22.01	21.99	22.10	0.1400	0.1393	0.1429
10	16QAM	25	0	20.49	20.64	20.78	0.0986	0.1021	0.1054
10	16QAM	25	12	20.64	20.75	20.81	0.1021	0.1047	0.1062
10	16QAM	25	25	20.68	20.83	20.79	0.1030	0.1067	0.1057
10	16QAM	50	0	20.56	20.70	20.83	0.1002	0.1035	0.1067
10	64QAM	1	0	20.79	20.79	20.84	0.1057	0.1057	0.1069
10	64QAM	1	25	20.79	20.93	20.89	0.1057	0.1091	0.1081
10	64QAM	1	49	20.92	20.88	20.94	0.1089	0.1079	0.1094
10	64QAM	25	0	19.55	19.68	19.78	0.0794	0.0818	0.0838
10	64QAM	25	12	19.63	19.80	19.75	0.0809	0.0841	0.0832
10	64QAM	25	25	19.70	19.70	19.76	0.0822	0.0822	0.0834
10	64QAM	50	0	19.55	19.75	19.81	0.0794	0.0832	0.0843
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	22.86	23.00	23.00	0.1702	0.1758	0.1758
5	QPSK	1	12	22.88	22.91	22.97	0.1710	0.1722	0.1746
5	QPSK	1	24	22.76	22.88	22.91	0.1663	0.1710	0.1722
5	QPSK	12	0	21.84	21.93	21.93	0.1346	0.1374	0.1374
5	QPSK	12	7	21.75	21.81	21.84	0.1318	0.1337	0.1346
5	QPSK	12	13	21.56	21.76	21.81	0.1262	0.1321	0.1337
5	QPSK	25	0	21.73	21.86	21.76	0.1312	0.1352	0.1321
5	16QAM	1	0	21.78	21.94	22.02	0.1327	0.1377	0.1403
5	16QAM	1	12	21.91	22.01	22.04	0.1368	0.1400	0.1409
5	16QAM	1	24	21.87	22.00	22.03	0.1355	0.1396	0.1406
5	16QAM	12	0	20.52	20.67	20.72	0.0993	0.1028	0.1040
5	16QAM	12	7	20.62	20.69	20.80	0.1016	0.1033	0.1059
5	16QAM	12	13	20.62	20.84	20.83	0.1016	0.1069	0.1067
5	16QAM	25	0	20.58	20.74	20.82	0.1007	0.1045	0.1064
5	64QAM	1	0	20.80	20.72	20.88	0.1059	0.1040	0.1079
5	64QAM	1	12	20.72	20.90	20.92	0.1040	0.1084	0.1089



5	64QAM	1	24	20.92	20.87	20.98	0.1089	0.1076	0.1104
5	64QAM	12	0	19.59	19.70	19.79	0.0802	0.0822	0.0839
5	64QAM	12	7	19.58	19.73	19.80	0.0800	0.0828	0.0841
5	64QAM	12	13	19.62	19.74	19.82	0.0807	0.0830	0.0845
5	64QAM	25	0	19.57	19.71	19.74	0.0798	0.0824	0.0830

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	23.72	23.77	23.70	0.1706	0.1726	0.1698
20	QPSK	1	49	23.66	23.75	23.69	0.1683	0.1718	0.1694
20	QPSK	1	99	23.62	23.72	23.65	0.1667	0.1706	0.1679
20	QPSK	50	0	22.72	22.75	22.73	0.1355	0.1365	0.1358
20	QPSK	50	24	22.70	22.68	22.71	0.1349	0.1343	0.1352
20	QPSK	50	50	22.71	22.70	22.72	0.1352	0.1349	0.1355
20	QPSK	100	0	22.71	22.74	22.69	0.1352	0.1361	0.1346
20	16QAM	1	0	22.70	22.64	22.67	0.1349	0.1330	0.1340
20	16QAM	1	49	22.84	22.83	22.81	0.1393	0.1390	0.1384
20	16QAM	1	99	22.77	22.79	22.77	0.1371	0.1377	0.1371
20	16QAM	50	0	21.77	21.73	21.74	0.1089	0.1079	0.1081
20	16QAM	50	24	21.80	21.77	21.79	0.1096	0.1089	0.1094
20	16QAM	50	50	21.78	21.78	21.78	0.1091	0.1091	0.1091
20	16QAM	100	0	21.77	21.75	21.77	0.1089	0.1084	0.1089
20	64QAM	1	0	21.48	21.43	21.44	0.1019	0.1007	0.1009
20	64QAM	1	49	21.56	21.52	21.56	0.1038	0.1028	0.1038
20	64QAM	1	99	21.55	21.52	21.56	0.1035	0.1028	0.1038
20	64QAM	50	0	20.74	20.69	20.74	0.0859	0.0849	0.0859
20	64QAM	50	24	20.78	20.77	20.77	0.0867	0.0865	0.0865
20	64QAM	50	50	20.79	20.76	20.77	0.0869	0.0863	0.0865
20	64QAM	100	0	20.77	20.73	20.76	0.0865	0.0857	0.0863
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	23.64	23.65	23.62	0.1675	0.1679	0.1667
15	QPSK	1	37	23.62	23.66	23.63	0.1667	0.1683	0.1671
15	QPSK	1	74	23.61	23.65	23.59	0.1663	0.1679	0.1656
15	QPSK	36	0	22.65	22.67	22.67	0.1334	0.1340	0.1340
15	QPSK	36	20	22.56	22.60	22.60	0.1306	0.1318	0.1318
15	QPSK	36	39	22.60	22.67	22.66	0.1318	0.1340	0.1337
15	QPSK	75	0	22.69	22.67	22.66	0.1346	0.1340	0.1337
15	16QAM	1	0	22.60	22.58	22.59	0.1318	0.1312	0.1315
15	16QAM	1	37	22.72	22.68	22.78	0.1355	0.1343	0.1374
15	16QAM	1	74	22.64	22.76	22.75	0.1330	0.1368	0.1365
15	16QAM	36	0	21.74	21.60	21.71	0.1081	0.1047	0.1074
15	16QAM	36	20	21.70	21.64	21.77	0.1072	0.1057	0.1089
15	16QAM	36	39	21.64	21.73	21.68	0.1057	0.1079	0.1067
15	16QAM	75	0	21.75	21.60	21.73	0.1084	0.1047	0.1079
15	64QAM	1	0	21.33	21.35	21.39	0.0984	0.0989	0.0998



15	64QAM	1	37	21.50	21.42	21.43	0.1023	0.1005	0.1007
15	64QAM	1	74	21.50	21.45	21.44	0.1023	0.1012	0.1009
15	64QAM	36	0	20.71	20.55	20.63	0.0853	0.0822	0.0838
15	64QAM	36	20	20.64	20.72	20.65	0.0839	0.0855	0.0841
15	64QAM	36	39	20.73	20.61	20.73	0.0857	0.0834	0.0857
15	64QAM	75	0	20.72	20.59	20.66	0.0855	0.0830	0.0843
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	23.62	23.73	23.56	0.1667	0.1710	0.1644
10	QPSK	1	25	23.55	23.64	23.59	0.1641	0.1675	0.1656
10	QPSK	1	49	23.52	23.68	23.50	0.1629	0.1690	0.1622
10	QPSK	25	0	22.70	22.72	22.71	0.1349	0.1355	0.1352
10	QPSK	25	12	22.55	22.67	22.70	0.1303	0.1340	0.1349
10	QPSK	25	25	22.61	22.56	22.68	0.1321	0.1306	0.1343
10	QPSK	50	0	22.57	22.70	22.67	0.1309	0.1349	0.1340
10	16QAM	1	0	22.55	22.57	22.57	0.1303	0.1309	0.1309
10	16QAM	1	25	22.78	22.72	22.68	0.1374	0.1355	0.1343
10	16QAM	1	49	22.69	22.70	22.73	0.1346	0.1349	0.1358
10	16QAM	25	0	21.66	21.61	21.66	0.1062	0.1050	0.1062
10	16QAM	25	12	21.79	21.67	21.75	0.1094	0.1064	0.1084
10	16QAM	25	25	21.68	21.67	21.65	0.1067	0.1064	0.1059
10	16QAM	50	0	21.75	21.73	21.72	0.1084	0.1079	0.1076
10	64QAM	1	0	21.35	21.31	21.32	0.0989	0.0979	0.0982
10	64QAM	1	25	21.44	21.48	21.44	0.1009	0.1019	0.1009
10	64QAM	1	49	21.52	21.39	21.53	0.1028	0.0998	0.1030
10	64QAM	25	0	20.60	20.57	20.61	0.0832	0.0826	0.0834
10	64QAM	25	12	20.75	20.73	20.75	0.0861	0.0857	0.0861
10	64QAM	25	25	20.66	20.75	20.68	0.0843	0.0861	0.0847
10	64QAM	50	0	20.75	20.67	20.61	0.0861	0.0845	0.0834
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	23.60	23.69	23.55	0.1660	0.1694	0.1641
5	QPSK	1	12	23.51	23.61	23.57	0.1626	0.1663	0.1648
5	QPSK	1	24	23.57	23.71	23.61	0.1648	0.1702	0.1663
5	QPSK	12	0	22.67	22.69	22.59	0.1340	0.1346	0.1315
5	QPSK	12	7	22.57	22.58	22.62	0.1309	0.1312	0.1324
5	QPSK	12	13	22.59	22.59	22.62	0.1315	0.1315	0.1324
5	QPSK	25	0	22.58	22.71	22.68	0.1312	0.1352	0.1343
5	16QAM	1	0	22.59	22.56	22.55	0.1315	0.1306	0.1303
5	16QAM	1	12	22.76	22.72	22.67	0.1368	0.1355	0.1340
5	16QAM	1	24	22.76	22.67	22.65	0.1368	0.1340	0.1334
5	16QAM	12	0	21.76	21.70	21.70	0.1086	0.1072	0.1072
5	16QAM	12	7	21.76	21.68	21.76	0.1086	0.1067	0.1086
5	16QAM	12	13	21.76	21.65	21.77	0.1086	0.1059	0.1089
5	16QAM	25	0	21.75	21.60	21.66	0.1084	0.1047	0.1062
5	64QAM	1	0	21.42	21.36	21.41	0.1005	0.0991	0.1002
5	64QAM	1	12	21.47	21.44	21.41	0.1016	0.1009	0.1002
5	64QAM	1	24	21.53	21.50	21.43	0.1030	0.1023	0.1007
5	64QAM	12	0	20.67	20.65	20.67	0.0845	0.0841	0.0845
5	64QAM	12	7	20.72	20.70	20.74	0.0855	0.0851	0.0859



5	64QAM	12	13	20.74	20.61	20.72	0.0859	0.0834	0.0855
5	64QAM	25	0	20.71	20.69	20.71	0.0853	0.0849	0.0853

LTE Band 41_ANT3

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	23.75	23.74	23.65	0.2089	0.2084	0.2042
20	QPSK	1	49	23.69	23.70	23.60	0.2061	0.2065	0.2018
20	QPSK	1	99	23.70	23.72	23.62	0.2065	0.2075	0.2028
20	QPSK	50	0	21.43	21.42	21.30	0.1225	0.1222	0.1189
20	QPSK	50	24	21.27	21.40	21.25	0.1180	0.1216	0.1175
20	QPSK	50	50	21.32	21.38	21.22	0.1194	0.1211	0.1167
20	QPSK	100	0	21.38	21.36	21.28	0.1211	0.1205	0.1183
20	16QAM	1	0	22.02	22.28	22.04	0.1403	0.1489	0.1409
20	16QAM	1	49	22.28	22.38	22.15	0.1489	0.1524	0.1445
20	16QAM	1	99	22.31	22.32	22.09	0.1500	0.1503	0.1426
20	16QAM	50	0	21.16	21.37	21.15	0.1151	0.1208	0.1148
20	16QAM	50	24	21.29	21.42	21.18	0.1186	0.1222	0.1156
20	16QAM	50	50	21.34	21.39	21.16	0.1199	0.1213	0.1151
20	16QAM	100	0	21.26	21.39	21.15	0.1178	0.1213	0.1148
20	64QAM	1	0	20.81	21.11	20.83	0.1062	0.1138	0.1067
20	64QAM	1	49	21.03	21.18	20.93	0.1117	0.1156	0.1091
20	64QAM	1	99	21.12	21.14	20.86	0.1140	0.1146	0.1074
20	64QAM	50	0	20.17	20.36	20.15	0.0916	0.0957	0.0912
20	64QAM	50	24	20.28	20.37	20.15	0.0940	0.0959	0.0912
20	64QAM	50	50	20.33	20.39	20.15	0.0951	0.0964	0.0912
20	64QAM	100	0	20.27	20.36	20.15	0.0938	0.0957	0.0912
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	23.57	23.70	23.59	0.2004	0.2065	0.2014
15	QPSK	1	37	23.68	23.64	23.51	0.2056	0.2037	0.1977
15	QPSK	1	74	23.57	23.63	23.54	0.2004	0.2032	0.1991
15	QPSK	36	0	21.31	21.30	21.24	0.1191	0.1189	0.1172
15	QPSK	36	20	21.19	21.30	21.15	0.1159	0.1189	0.1148
15	QPSK	36	39	21.29	21.29	21.19	0.1186	0.1186	0.1159
15	QPSK	75	0	21.23	21.27	21.17	0.1169	0.1180	0.1153
15	16QAM	1	0	21.99	22.26	22.00	0.1393	0.1483	0.1396
15	16QAM	1	37	22.23	22.30	22.13	0.1472	0.1496	0.1439
15	16QAM	1	74	22.20	22.20	22.08	0.1462	0.1462	0.1422
15	16QAM	36	0	21.11	21.25	21.04	0.1138	0.1175	0.1119
15	16QAM	36	20	21.19	21.35	21.07	0.1159	0.1202	0.1127
15	16QAM	36	39	21.23	21.37	21.11	0.1169	0.1208	0.1138
15	16QAM	75	0	21.19	21.34	21.10	0.1159	0.1199	0.1135
15	64QAM	1	0	20.74	21.07	20.76	0.1045	0.1127	0.1050
15	64QAM	1	37	20.97	21.06	20.79	0.1102	0.1125	0.1057
15	64QAM	1	74	21.02	21.05	20.78	0.1114	0.1122	0.1054
15	64QAM	36	0	20.09	20.35	20.03	0.0899	0.0955	0.0887



15	64QAM	36	20	20.24	20.27	20.04	0.0931	0.0938	0.0889
15	64QAM	36	39	20.21	20.34	20.14	0.0925	0.0953	0.0910
15	64QAM	75	0	20.24	20.33	20.09	0.0931	0.0951	0.0899
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	23.59	23.67	23.56	0.2014	0.2051	0.2000
10	QPSK	1	25	23.54	23.62	23.55	0.1991	0.2028	0.1995
10	QPSK	1	49	23.57	23.58	23.57	0.2004	0.2009	0.2004
10	QPSK	25	0	21.25	21.32	21.27	0.1175	0.1194	0.1180
10	QPSK	25	12	21.26	21.28	21.10	0.1178	0.1183	0.1135
10	QPSK	25	25	21.26	21.28	21.07	0.1178	0.1183	0.1127
10	QPSK	50	0	21.25	21.34	21.23	0.1175	0.1199	0.1169
10	16QAM	1	0	21.92	22.15	21.97	0.1371	0.1445	0.1387
10	16QAM	1	25	22.26	22.32	22.08	0.1483	0.1503	0.1422
10	16QAM	1	49	22.26	22.29	21.94	0.1483	0.1493	0.1377
10	16QAM	25	0	21.01	21.26	21.14	0.1112	0.1178	0.1146
10	16QAM	25	12	21.14	21.38	21.10	0.1146	0.1211	0.1135
10	16QAM	25	25	21.26	21.28	21.11	0.1178	0.1183	0.1138
10	16QAM	50	0	21.25	21.28	21.01	0.1175	0.1183	0.1112
10	64QAM	1	0	20.74	20.98	20.78	0.1045	0.1104	0.1054
10	64QAM	1	25	20.98	21.05	20.84	0.1104	0.1122	0.1069
10	64QAM	1	49	21.11	21.03	20.76	0.1138	0.1117	0.1050
10	64QAM	25	0	20.14	20.27	20.14	0.0910	0.0938	0.0910
10	64QAM	25	12	20.15	20.32	20.14	0.0912	0.0948	0.0910
10	64QAM	25	25	20.19	20.30	20.01	0.0920	0.0944	0.0883
10	64QAM	50	0	20.19	20.32	20.00	0.0920	0.0948	0.0881
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	23.70	23.67	23.51	0.2065	0.2051	0.1977
5	QPSK	1	12	23.64	23.68	23.52	0.2037	0.2056	0.1982
5	QPSK	1	24	23.67	23.60	23.48	0.2051	0.2018	0.1963
5	QPSK	12	0	21.25	21.28	21.29	0.1175	0.1183	0.1186
5	QPSK	12	7	21.14	21.25	21.15	0.1146	0.1175	0.1148
5	QPSK	12	13	21.26	21.28	21.12	0.1178	0.1183	0.1140
5	QPSK	25	0	21.20	21.25	21.19	0.1161	0.1175	0.1159
5	16QAM	1	0	21.89	22.17	21.90	0.1361	0.1452	0.1365
5	16QAM	1	12	22.13	22.28	22.02	0.1439	0.1489	0.1403
5	16QAM	1	24	22.16	22.29	21.95	0.1449	0.1493	0.1380
5	16QAM	12	0	21.01	21.31	21.09	0.1112	0.1191	0.1132
5	16QAM	12	7	21.21	21.34	21.04	0.1164	0.1199	0.1119
5	16QAM	12	13	21.24	21.32	21.08	0.1172	0.1194	0.1130
5	16QAM	25	0	21.22	21.33	21.03	0.1167	0.1197	0.1117
5	64QAM	1	0	20.75	21.09	20.72	0.1047	0.1132	0.1040
5	64QAM	1	12	21.02	21.09	20.83	0.1114	0.1132	0.1067
5	64QAM	1	24	20.99	21.01	20.80	0.1107	0.1112	0.1059
5	64QAM	12	0	20.15	20.21	20.14	0.0912	0.0925	0.0910
5	64QAM	12	7	20.23	20.33	20.14	0.0929	0.0951	0.0910
5	64QAM	12	13	20.19	20.24	20.05	0.0920	0.0931	0.0891
5	64QAM	25	0	20.19	20.23	20.11	0.0920	0.0929	0.0904



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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 20850_21048	QPSK	Max	0	Max	0	20.97	0.1102
	QPSK	1	0	1	Max	14.43	0.0244
	QPSK	1	Max	1	0	22.92	0.1726
M 21001_21199	QPSK	Max	0	Max	0	21.06	0.1125
	QPSK	1	0	1	Max	14.51	0.0249
	QPSK	1	Max	1	0	22.94	0.1734
H 21152_21350	QPSK	Max	0	Max	0	20.97	0.1102
	QPSK	1	0	1	Max	14.52	0.0249
	QPSK	1	Max	1	0	22.89	0.1714
L 20850_21048	16QAM	Max	0	Max	0	19.83	0.0847
	16QAM	1	0	1	Max	14.63	0.0256
	16QAM	1	Max	1	0	22.32	0.1503
M 21001_21199	16QAM	Max	0	Max	0	19.77	0.0836
	16QAM	1	0	1	Max	14.62	0.0255
	16QAM	1	Max	1	0	22.34	0.1510
H 21152_21350	16QAM	Max	0	Max	0	19.71	0.0824
	16QAM	1	0	1	Max	14.63	0.0256
	16QAM	1	Max	1	0	22.41	0.1535
L 20850_21048	64QAM	Max	0	Max	0	18.97	0.0695
	64QAM	1	0	1	Max	14.50	0.0248
	64QAM	1	Max	1	0	19.26	0.0743
M 21001_21199	64QAM	Max	0	Max	0	18.89	0.0682
	64QAM	1	0	1	Max	14.45	0.0245
	64QAM	1	Max	1	0	19.23	0.0738
H 21152_21350	64QAM	Max	0	Max	0	18.96	0.0693
	64QAM	1	0	1	Max	14.39	0.0242
	64QAM	1	Max	1	0	19.22	0.0736
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	20.92	0.1089
	QPSK	1	0	1	Max	14.32	0.0238
	QPSK	1	Max	1	0	22.83	0.1690
M 21026_21197	QPSK	Max	0	Max	0	21.01	0.1112
	QPSK	1	0	1	Max	14.46	0.0246
	QPSK	1	Max	1	0	22.83	0.1690
H 21201_21372	QPSK	Max	0	Max	0	20.89	0.1081
	QPSK	1	0	1	Max	14.43	0.0244
	QPSK	1	Max	1	0	22.88	0.1710
L 20850_21021	16QAM	Max	0	Max	0	19.68	0.0818
	16QAM	1	0	1	Max	14.58	0.0253
	16QAM	1	Max	1	0	22.24	0.1476
M 21026_21197	16QAM	Max	0	Max	0	19.68	0.0818
	16QAM	1	0	1	Max	14.60	0.0254
	16QAM	1	Max	1	0	22.28	0.1489
H	16QAM	Max	0	Max	0	19.64	0.0811



21201_21372	16QAM	1	0	1	Max	14.61	0.0255
	16QAM	1	Max	1	0	22.29	0.1493
L 20850_21021	64QAM	Max	0	Max	0	18.95	0.0692
	64QAM	1	0	1	Max	14.41	0.0243
	64QAM	1	Max	1	0	19.14	0.0723
M 21026_21197	64QAM	Max	0	Max	0	18.79	0.0667
	64QAM	1	0	1	Max	14.40	0.0243
	64QAM	1	Max	1	0	19.21	0.0735
H 21201_21372	64QAM	Max	0	Max	0	18.82	0.0671
	64QAM	1	0	1	Max	14.34	0.0239
	64QAM	1	Max	1	0	19.12	0.0719
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	20.97	0.1102
	QPSK	1	0	1	Max	14.32	0.0238
	QPSK	1	Max	1	0	22.91	0.1722
M 21003_21174	QPSK	Max	0	Max	0	20.97	0.1102
	QPSK	1	0	1	Max	14.37	0.0241
	QPSK	1	Max	1	0	22.86	0.1702
H 21179_21350	QPSK	Max	0	Max	0	20.93	0.1091
	QPSK	1	0	1	Max	14.45	0.0245
	QPSK	1	Max	1	0	22.78	0.1671
L 20828_20999	16QAM	Max	0	Max	0	19.79	0.0839
	16QAM	1	0	1	Max	14.58	0.0253
	16QAM	1	Max	1	0	22.27	0.1486
M 21003_21174	16QAM	Max	0	Max	0	19.75	0.0832
	16QAM	1	0	1	Max	14.58	0.0253
	16QAM	1	Max	1	0	22.27	0.1486
H 21179_21350	16QAM	Max	0	Max	0	19.56	0.0796
	16QAM	1	0	1	Max	14.48	0.0247
	16QAM	1	Max	1	0	22.38	0.1524
L 20828_20999	64QAM	Max	0	Max	0	18.86	0.0678
	64QAM	1	0	1	Max	14.40	0.0243
	64QAM	1	Max	1	0	19.20	0.0733
M 21003_21174	64QAM	Max	0	Max	0	18.88	0.0681
	64QAM	1	0	1	Max	14.41	0.0243
	64QAM	1	Max	1	0	19.23	0.0738
H 21179_21350	64QAM	Max	0	Max	0	18.83	0.0673
	64QAM	1	0	1	Max	14.29	0.0237
	64QAM	1	Max	1	0	19.07	0.0711
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	20.95	0.1096
	QPSK	1	0	1	Max	14.41	0.0243
	QPSK	1	Max	1	0	22.85	0.1698
M 21025_21175	QPSK	Max	0	Max	0	20.99	0.1107
	QPSK	1	0	1	Max	14.48	0.0247
	QPSK	1	Max	1	0	22.82	0.1687



H 21225_21375	QPSK	Max	0	Max	0	20.97	0.1102
	QPSK	1	0	1	Max	14.44	0.0245
	QPSK	1	Max	1	0	22.79	0.1675
L 20825_20975	16QAM	Max	0	Max	0	19.71	0.0824
	16QAM	1	0	1	Max	14.57	0.0252
	16QAM	1	Max	1	0	22.30	0.1496
M 21025_21175	16QAM	Max	0	Max	0	19.69	0.0820
	16QAM	1	0	1	Max	14.57	0.0252
	16QAM	1	Max	1	0	22.32	0.1503
H 21225_21375	16QAM	Max	0	Max	0	19.64	0.0811
	16QAM	1	0	1	Max	14.50	0.0248
	16QAM	1	Max	1	0	22.41	0.1535
L 20825_20975	64QAM	Max	0	Max	0	18.97	0.0695
	64QAM	1	0	1	Max	14.41	0.0243
	64QAM	1	Max	1	0	19.14	0.0723
M 21025_21175	64QAM	Max	0	Max	0	18.87	0.0679
	64QAM	1	0	1	Max	14.43	0.0244
	64QAM	1	Max	1	0	19.13	0.0721
H 21225_21375	64QAM	Max	0	Max	0	18.82	0.0671
	64QAM	1	0	1	Max	14.38	0.0242
	64QAM	1	Max	1	0	19.15	0.0724
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	20.84	0.1069
	QPSK	1	0	1	Max	14.38	0.0242
	QPSK	1	Max	1	0	22.87	0.1706
M 21051_21195	QPSK	Max	0	Max	0	21.06	0.1125
	QPSK	1	0	1	Max	14.40	0.0243
	QPSK	1	Max	1	0	22.94	0.1734
H 21251_21395	QPSK	Max	0	Max	0	20.95	0.1096
	QPSK	1	0	1	Max	14.44	0.0245
	QPSK	1	Max	1	0	22.79	0.1675
L 20850_20994	16QAM	Max	0	Max	0	19.73	0.0828
	16QAM	1	0	1	Max	14.52	0.0249
	16QAM	1	Max	1	0	22.31	0.1500
M 21051_21195	16QAM	Max	0	Max	0	19.74	0.0830
	16QAM	1	0	1	Max	14.54	0.0251
	16QAM	1	Max	1	0	22.34	0.1510
H 21251_21395	16QAM	Max	0	Max	0	19.61	0.0805
	16QAM	1	0	1	Max	14.56	0.0252
	16QAM	1	Max	1	0	22.35	0.1514
L 20850_20994	64QAM	Max	0	Max	0	18.87	0.0679
	64QAM	1	0	1	Max	14.49	0.0248
	64QAM	1	Max	1	0	19.22	0.0736
M 21051_21195	64QAM	Max	0	Max	0	18.81	0.0670
	64QAM	1	0	1	Max	14.33	0.0239
	64QAM	1	Max	1	0	19.18	0.0729
H 21251_21395	64QAM	Max	0	Max	0	18.88	0.0681
	64QAM	1	0	1	Max	14.36	0.0240



	64QAM	1	Max	1	0	19.10	0.0716
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	20.95	0.1096
	QPSK	1	0	1	Max	14.35	0.0240
	QPSK	1	Max	1	0	22.81	0.1683
M 21006_21150	QPSK	Max	0	Max	0	20.98	0.1104
	QPSK	1	0	1	Max	14.36	0.0240
	QPSK	1	Max	1	0	22.87	0.1706
H 21206_21350	QPSK	Max	0	Max	0	20.82	0.1064
	QPSK	1	0	1	Max	14.39	0.0242
	QPSK	1	Max	1	0	22.87	0.1706
L 20805_20949	16QAM	Max	0	Max	0	19.75	0.0832
	16QAM	1	0	1	Max	14.54	0.0251
	16QAM	1	Max	1	0	22.26	0.1483
M 21006_21150	16QAM	Max	0	Max	0	19.63	0.0809
	16QAM	1	0	1	Max	14.60	0.0254
	16QAM	1	Max	1	0	22.19	0.1459
H 21206_21350	16QAM	Max	0	Max	0	19.67	0.0817
	16QAM	1	0	1	Max	14.57	0.0252
	16QAM	1	Max	1	0	22.30	0.1496
L 20805_20949	64QAM	Max	0	Max	0	18.96	0.0693
	64QAM	1	0	1	Max	14.48	0.0247
	64QAM	1	Max	1	0	19.15	0.0724
M 21006_21150	64QAM	Max	0	Max	0	18.79	0.0667
	64QAM	1	0	1	Max	14.41	0.0243
	64QAM	1	Max	1	0	19.14	0.0723
H 21206_21350	64QAM	Max	0	Max	0	18.85	0.0676
	64QAM	1	0	1	Max	14.32	0.0238
	64QAM	1	Max	1	0	19.18	0.0729
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	20.96	0.1099
	QPSK	1	0	1	Max	14.32	0.0238
	QPSK	1	Max	1	0	22.84	0.1694
M 21051_21171	QPSK	Max	0	Max	0	20.94	0.1094
	QPSK	1	0	1	Max	14.38	0.0242
	QPSK	1	Max	1	0	22.90	0.1718
H 21277_21397	QPSK	Max	0	Max	0	20.92	0.1089
	QPSK	1	0	1	Max	14.52	0.0249
	QPSK	1	Max	1	0	22.84	0.1694
L 20825_20945	16QAM	Max	0	Max	0	19.82	0.0845
	16QAM	1	0	1	Max	14.61	0.0255
	16QAM	1	Max	1	0	22.26	0.1483
M 21051_21171	16QAM	Max	0	Max	0	19.69	0.0820
	16QAM	1	0	1	Max	14.48	0.0247
	16QAM	1	Max	1	0	22.19	0.1459
H	16QAM	Max	0	Max	0	19.63	0.0809



21277_21397	16QAM	1	0	1	Max	14.60	0.0254
	16QAM	1	Max	1	0	22.32	0.1503
L 20825_20945	64QAM	Max	0	Max	0	18.96	0.0693
	64QAM	1	0	1	Max	14.49	0.0248
	64QAM	1	Max	1	0	19.20	0.0733
M 21051_21171	64QAM	Max	0	Max	0	18.85	0.0676
	64QAM	1	0	1	Max	14.36	0.0240
	64QAM	1	Max	1	0	19.08	0.0713
H 21277_21397	64QAM	Max	0	Max	0	18.94	0.0690
	64QAM	1	0	1	Max	14.35	0.0240
	64QAM	1	Max	1	0	19.10	0.0716

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Combination 15MHz+5MHz (75RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20825_20918	QPSK	Max	0	Max	0	20.68	0.1030
	QPSK	1	0	1	Max	14.22	0.0233
	QPSK	1	Max	1	0	22.76	0.1663
M 21076_21169	QPSK	Max	0	Max	0	20.68	0.1030
	QPSK	1	0	1	Max	14.12	0.0228
	QPSK	1	Max	1	0	22.67	0.1629
H 21327_21420	QPSK	Max	0	Max	0	20.59	0.1009
	QPSK	1	0	1	Max	14.02	0.0222
	QPSK	1	Max	1	0	22.58	0.1596
L 20825_20918	16QAM	Max	0	Max	0	19.74	0.0830
	16QAM	1	0	1	Max	14.26	0.0235
	16QAM	1	Max	1	0	21.79	0.1330
M 21076_21169	16QAM	Max	0	Max	0	19.68	0.0818
	16QAM	1	0	1	Max	14.31	0.0238
	16QAM	1	Max	1	0	21.76	0.1321
H 21327_21420	16QAM	Max	0	Max	0	19.69	0.0820
	16QAM	1	0	1	Max	14.26	0.0235
	16QAM	1	Max	1	0	21.83	0.1343
L 20825_20918	64QAM	Max	0	Max	0	19.78	0.0838
	64QAM	1	0	1	Max	14.16	0.0230
	64QAM	1	Max	1	0	19.74	0.0830
M 21076_21169	64QAM	Max	0	Max	0	19.71	0.0824
	64QAM	1	0	1	Max	14.22	0.0233
	64QAM	1	Max	1	0	19.82	0.0845
H 21327_21420	64QAM	Max	0	Max	0	19.79	0.0839
	64QAM	1	0	1	Max	14.28	0.0236
	64QAM	1	Max	1	0	19.81	0.0843



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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	21.72	0.1076
	QPSK	1	0	1	Max	15.15	0.0237
	QPSK	1	Max	1	0	23.70	0.1698
M 37901_38099	QPSK	Max	0	Max	0	21.80	0.1096
	QPSK	1	0	1	Max	15.05	0.0232
	QPSK	1	Max	1	0	23.80	0.1738
H 37952_38150	QPSK	Max	0	Max	0	21.72	0.1076
	QPSK	1	0	1	Max	15.14	0.0237
	QPSK	1	Max	1	0	23.79	0.1734
L 37850_38048	16QAM	Max	0	Max	0	20.75	0.0861
	16QAM	1	0	1	Max	15.28	0.0244
	16QAM	1	Max	1	0	22.71	0.1352
M 37901_38099	16QAM	Max	0	Max	0	20.83	0.0877
	16QAM	1	0	1	Max	15.19	0.0239
	16QAM	1	Max	1	0	22.77	0.1371
H 37952_38150	16QAM	Max	0	Max	0	20.79	0.0869
	16QAM	1	0	1	Max	15.19	0.0239
	16QAM	1	Max	1	0	22.67	0.1340
L 37850_38048	64QAM	Max	0	Max	0	20.78	0.0867
	64QAM	1	0	1	Max	15.16	0.0238
	64QAM	1	Max	1	0	20.68	0.0847
M 37901_38099	64QAM	Max	0	Max	0	20.83	0.0877
	64QAM	1	0	1	Max	15.20	0.0240
	64QAM	1	Max	1	0	20.72	0.0855
H 37952_38150	64QAM	Max	0	Max	0	20.88	0.0887
	64QAM	1	0	1	Max	15.23	0.0242
	64QAM	1	Max	1	0	20.62	0.0836
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	21.60	0.1047
	QPSK	1	0	1	Max	15.02	0.0230
	QPSK	1	Max	1	0	23.55	0.1641
M 37925_38075	QPSK	Max	0	Max	0	21.66	0.1062
	QPSK	1	0	1	Max	14.96	0.0227
	QPSK	1	Max	1	0	23.65	0.1679
H 38025_38175	QPSK	Max	0	Max	0	21.67	0.1064
	QPSK	1	0	1	Max	15.09	0.0234
	QPSK	1	Max	1	0	23.77	0.1726
L 37825_37975	16QAM	Max	0	Max	0	20.69	0.0849
	16QAM	1	0	1	Max	15.24	0.0242
	16QAM	1	Max	1	0	22.62	0.1324
M 37925_38075	16QAM	Max	0	Max	0	20.73	0.0857
	16QAM	1	0	1	Max	15.08	0.0233
	16QAM	1	Max	1	0	22.69	0.1346
H	16QAM	Max	0	Max	0	20.66	0.0843



38025_38175	16QAM	1	0	1	Max	15.18	0.0239
	16QAM	1	Max	1	0	22.64	0.1330
L 37825_37975	64QAM	Max	0	Max	0	20.66	0.0843
	64QAM	1	0	1	Max	15.14	0.0237
	64QAM	1	Max	1	0	20.62	0.0836
M 37925_38075	64QAM	Max	0	Max	0	20.75	0.0861
	64QAM	1	0	1	Max	15.10	0.0234
	64QAM	1	Max	1	0	20.57	0.0826
H 38025_38175	64QAM	Max	0	Max	0	20.73	0.0857
	64QAM	1	0	1	Max	15.13	0.0236
	64QAM	1	Max	1	0	20.50	0.0813

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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	21.82	0.1340
	QPSK	1	0	1	Max	15.21	0.0292
	QPSK	1	Max	1	0	23.72	0.2075
M 40521_40719	QPSK	Max	0	Max	0	21.76	0.1321
	QPSK	1	0	1	Max	15.27	0.0296
	QPSK	1	Max	1	0	23.71	0.2070
H 41292_41490	QPSK	Max	0	Max	0	21.73	0.1312
	QPSK	1	0	1	Max	15.28	0.0297
	QPSK	1	Max	1	0	23.61	0.2023
L 39750_39948	16QAM	Max	0	Max	0	20.82	0.1064
	16QAM	1	0	1	Max	15.07	0.0283
	16QAM	1	Max	1	0	22.74	0.1656
M 40521_40719	16QAM	Max	0	Max	0	20.87	0.1076
	16QAM	1	0	1	Max	15.12	0.0286
	16QAM	1	Max	1	0	22.65	0.1622
H 41292_41490	16QAM	Max	0	Max	0	20.86	0.1074
	16QAM	1	0	1	Max	15.08	0.0284
	16QAM	1	Max	1	0	22.73	0.1652
L 39750_39948	64QAM	Max	0	Max	0	20.81	0.1062
	64QAM	1	0	1	Max	15.16	0.0289
	64QAM	1	Max	1	0	20.98	0.1104
M 40521_40719	64QAM	Max	0	Max	0	20.77	0.1052
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.94	0.1094
H 41292_41490	64QAM	Max	0	Max	0	20.78	0.1054
	64QAM	1	0	1	Max	15.12	0.0286
	64QAM	1	Max	1	0	20.93	0.1091
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	21.74	0.1315
	QPSK	1	0	1	Max	15.11	0.0286
	QPSK	1	Max	1	0	23.59	0.2014



M 40546_40717	QPSK	Max	0	Max	0	21.69	0.1300
	QPSK	1	0	1	Max	15.20	0.0292
	QPSK	1	Max	1	0	23.59	0.2014
H 41341_41512	QPSK	Max	0	Max	0	21.65	0.1288
	QPSK	1	0	1	Max	15.16	0.0289
	QPSK	1	Max	1	0	23.47	0.1959
L 39750_39921	16QAM	Max	0	Max	0	20.69	0.1033
	16QAM	1	0	1	Max	14.94	0.0275
	16QAM	1	Max	1	0	22.67	0.1629
M 40546_40717	16QAM	Max	0	Max	0	20.83	0.1067
	16QAM	1	0	1	Max	15.10	0.0285
	16QAM	1	Max	1	0	22.54	0.1581
H 41341_41512	16QAM	Max	0	Max	0	20.79	0.1057
	16QAM	1	0	1	Max	15.07	0.0283
	16QAM	1	Max	1	0	22.61	0.1607
L 39750_39921	64QAM	Max	0	Max	0	20.78	0.1054
	64QAM	1	0	1	Max	15.13	0.0287
	64QAM	1	Max	1	0	20.91	0.1086
M 40546_40717	64QAM	Max	0	Max	0	20.75	0.1047
	64QAM	1	0	1	Max	14.95	0.0275
	64QAM	1	Max	1	0	20.92	0.1089
H 41341_41512	64QAM	Max	0	Max	0	20.76	0.1050
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.79	0.1057
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	21.70	0.1303
	QPSK	1	0	1	Max	15.18	0.0290
	QPSK	1	Max	1	0	23.63	0.2032
M 40523_40694	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.26	0.0296
	QPSK	1	Max	1	0	23.56	0.2000
H 41319_41490	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.19	0.0291
	QPSK	1	Max	1	0	23.47	0.1959
L 39728_39899	16QAM	Max	0	Max	0	20.75	0.1047
	16QAM	1	0	1	Max	15.03	0.0281
	16QAM	1	Max	1	0	22.70	0.1641
M 40523_40694	16QAM	Max	0	Max	0	20.86	0.1074
	16QAM	1	0	1	Max	15.06	0.0282
	16QAM	1	Max	1	0	22.53	0.1578
H 41319_41490	16QAM	Max	0	Max	0	20.75	0.1047
	16QAM	1	0	1	Max	15.01	0.0279
	16QAM	1	Max	1	0	22.66	0.1626
L 39728_39899	64QAM	Max	0	Max	0	20.81	0.1062
	64QAM	1	0	1	Max	15.10	0.0285
	64QAM	1	Max	1	0	20.89	0.1081
M 40523_40694	64QAM	Max	0	Max	0	20.63	0.1019
	64QAM	1	0	1	Max	15.05	0.0282



	64QAM	1	Max	1	0	20.79	0.1057
H 41319_41490	64QAM	Max	0	Max	0	20.67	0.1028
	64QAM	1	0	1	Max	15.07	0.0283
	64QAM	1	Max	1	0	20.82	0.1064
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	21.80	0.1334
	QPSK	1	0	1	Max	15.10	0.0285
	QPSK	1	Max	1	0	23.67	0.2051
M 40545_40695	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.18	0.0290
	QPSK	1	Max	1	0	23.58	0.2009
H 41365_41515	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.28	0.0297
	QPSK	1	Max	1	0	23.57	0.2004
L 39725_39875	16QAM	Max	0	Max	0	20.67	0.1028
	16QAM	1	0	1	Max	15.06	0.0282
	16QAM	1	Max	1	0	22.60	0.1603
M 40545_40695	16QAM	Max	0	Max	0	20.87	0.1076
	16QAM	1	0	1	Max	15.11	0.0286
	16QAM	1	Max	1	0	22.50	0.1567
H 41365_41515	16QAM	Max	0	Max	0	20.74	0.1045
	16QAM	1	0	1	Max	15.02	0.0280
	16QAM	1	Max	1	0	22.61	0.1607
L 39725_39875	64QAM	Max	0	Max	0	20.69	0.1033
	64QAM	1	0	1	Max	15.04	0.0281
	64QAM	1	Max	1	0	20.83	0.1067
M 40545_40695	64QAM	Max	0	Max	0	20.65	0.1023
	64QAM	1	0	1	Max	14.93	0.0274
	64QAM	1	Max	1	0	20.94	0.1094
H 41365_41515	64QAM	Max	0	Max	0	20.68	0.1030
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.84	0.1069
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	21.70	0.1303
	QPSK	1	0	1	Max	15.10	0.0285
	QPSK	1	Max	1	0	23.60	0.2018
M 40571_40715	QPSK	Max	0	Max	0	21.74	0.1315
	QPSK	1	0	1	Max	15.12	0.0286
	QPSK	1	Max	1	0	23.58	0.2009
H 41391_41535	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.20	0.0292
	QPSK	1	Max	1	0	23.55	0.1995
L 39750_39894	16QAM	Max	0	Max	0	20.82	0.1064
	16QAM	1	0	1	Max	14.97	0.0277
	16QAM	1	Max	1	0	22.64	0.1618
M	16QAM	Max	0	Max	0	20.77	0.1052



40571_40715	16QAM	1	0	1	Max	14.98	0.0277
	16QAM	1	Max	1	0	22.50	0.1567
H 41391_41535	16QAM	Max	0	Max	0	20.74	0.1045
	16QAM	1	0	1	Max	14.95	0.0275
	16QAM	1	Max	1	0	22.66	0.1626
L 39750_39894	64QAM	Max	0	Max	0	20.69	0.1033
	64QAM	1	0	1	Max	15.09	0.0284
	64QAM	1	Max	1	0	20.84	0.1069
M 40571_40715	64QAM	Max	0	Max	0	20.72	0.1040
	64QAM	1	0	1	Max	15.02	0.0280
	64QAM	1	Max	1	0	20.83	0.1067
H 41391_41535	64QAM	Max	0	Max	0	20.76	0.1050
	64QAM	1	0	1	Max	14.97	0.0277
	64QAM	1	Max	1	0	20.79	0.1057
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39705_39849	QPSK	Max	0	Max	0	21.77	0.1324
	QPSK	1	0	1	Max	15.09	0.0284
	QPSK	1	Max	1	0	23.69	0.2061
M 40526_40670	QPSK	Max	0	Max	0	21.68	0.1297
	QPSK	1	0	1	Max	15.16	0.0289
	QPSK	1	Max	1	0	23.61	0.2023
H 41346_41490	QPSK	Max	0	Max	0	21.59	0.1271
	QPSK	1	0	1	Max	15.13	0.0287
	QPSK	1	Max	1	0	23.48	0.1963
L 39705_39849	16QAM	Max	0	Max	0	20.68	0.1030
	16QAM	1	0	1	Max	15.07	0.0283
	16QAM	1	Max	1	0	22.63	0.1614
M 40526_40670	16QAM	Max	0	Max	0	20.85	0.1072
	16QAM	1	0	1	Max	15.06	0.0282
	16QAM	1	Max	1	0	22.56	0.1589
H 41346_41490	16QAM	Max	0	Max	0	20.86	0.1074
	16QAM	1	0	1	Max	14.95	0.0275
	16QAM	1	Max	1	0	22.68	0.1633
L 39705_39849	64QAM	Max	0	Max	0	20.77	0.1052
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.84	0.1069
M 40526_40670	64QAM	Max	0	Max	0	20.65	0.1023
	64QAM	1	0	1	Max	15.01	0.0279
	64QAM	1	Max	1	0	20.94	0.1094
H 41346_41490	64QAM	Max	0	Max	0	20.75	0.1047
	64QAM	1	0	1	Max	15.07	0.0283
	64QAM	1	Max	1	0	20.93	0.1091
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	21.73	0.1312
	QPSK	1	0	1	Max	15.16	0.0289
	QPSK	1	Max	1	0	23.64	0.2037



M 40571_40691	QPSK	Max	0	Max	0	21.62	0.1279
	QPSK	1	0	1	Max	15.16	0.0289
	QPSK	1	Max	1	0	23.57	0.2004
H 41417_41537	QPSK	Max	0	Max	0	21.58	0.1268
	QPSK	1	0	1	Max	15.25	0.0295
	QPSK	1	Max	1	0	23.47	0.1959
L 39725_39845	16QAM	Max	0	Max	0	20.81	0.1062
	16QAM	1	0	1	Max	15.03	0.0281
	16QAM	1	Max	1	0	22.61	0.1607
M 40571_40691	16QAM	Max	0	Max	0	20.81	0.1062
	16QAM	1	0	1	Max	15.00	0.0279
	16QAM	1	Max	1	0	22.58	0.1596
H 41417_41537	16QAM	Max	0	Max	0	20.72	0.1040
	16QAM	1	0	1	Max	15.08	0.0284
	16QAM	1	Max	1	0	22.62	0.1611
L 39725_39845	64QAM	Max	0	Max	0	20.76	0.1050
	64QAM	1	0	1	Max	15.12	0.0286
	64QAM	1	Max	1	0	20.97	0.1102
M 40571_40691	64QAM	Max	0	Max	0	20.68	0.1030
	64QAM	1	0	1	Max	14.98	0.0277
	64QAM	1	Max	1	0	20.86	0.1074
H 41417_41537	64QAM	Max	0	Max	0	20.75	0.1047
	64QAM	1	0	1	Max	15.03	0.0281
	64QAM	1	Max	1	0	20.87	0.1076
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	21.79	0.1330
	QPSK	1	0	1	Max	15.20	0.0292
	QPSK	1	Max	1	0	23.64	0.2037
M 40549_40669	QPSK	Max	0	Max	0	21.67	0.1294
	QPSK	1	0	1	Max	15.21	0.0292
	QPSK	1	Max	1	0	23.63	0.2032
H 41395_41515	QPSK	Max	0	Max	0	21.70	0.1303
	QPSK	1	0	1	Max	15.14	0.0288
	QPSK	1	Max	1	0	23.59	0.2014
L 39703_39823	16QAM	Max	0	Max	0	20.77	0.1052
	16QAM	1	0	1	Max	15.02	0.0280
	16QAM	1	Max	1	0	22.59	0.1600
M 40549_40669	16QAM	Max	0	Max	0	20.82	0.1064
	16QAM	1	0	1	Max	15.02	0.0280
	16QAM	1	Max	1	0	22.55	0.1585
H 41395_41515	16QAM	Max	0	Max	0	20.83	0.1067
	16QAM	1	0	1	Max	15.08	0.0284
	16QAM	1	Max	1	0	22.71	0.1644
L 39703_39823	64QAM	Max	0	Max	0	20.69	0.1033
	64QAM	1	0	1	Max	15.07	0.0283
	64QAM	1	Max	1	0	20.85	0.1072
M 40549_40669	64QAM	Max	0	Max	0	20.64	0.1021
	64QAM	1	0	1	Max	15.04	0.0281



	64QAM	1	Max	1	0	20.84	0.1069
H 41395_41515	64QAM	Max	0	Max	0	20.76	0.1050
	64QAM	1	0	1	Max	15.12	0.0286
	64QAM	1	Max	1	0	20.81	0.1062
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	21.73	0.1312
	QPSK	1	0	1	Max	15.19	0.0291
	QPSK	1	Max	1	0	23.57	0.2004
M 40595_40712	QPSK	Max	0	Max	0	21.67	0.1294
	QPSK	1	0	1	Max	15.12	0.0286
	QPSK	1	Max	1	0	23.66	0.2046
H 41440_41557	QPSK	Max	0	Max	0	21.65	0.1288
	QPSK	1	0	1	Max	15.20	0.0292
	QPSK	1	Max	1	0	23.52	0.1982
L 39750_39867	16QAM	Max	0	Max	0	20.69	0.1033
	16QAM	1	0	1	Max	15.01	0.0279
	16QAM	1	Max	1	0	22.60	0.1603
M 40595_40712	16QAM	Max	0	Max	0	20.72	0.1040
	16QAM	1	0	1	Max	15.11	0.0286
	16QAM	1	Max	1	0	22.65	0.1622
H 41440_41557	16QAM	Max	0	Max	0	20.79	0.1057
	16QAM	1	0	1	Max	15.06	0.0282
	16QAM	1	Max	1	0	22.66	0.1626
L 39750_39867	64QAM	Max	0	Max	0	20.78	0.1054
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.96	0.1099
M 40595_40712	64QAM	Max	0	Max	0	20.64	0.1021
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.88	0.1079
H 41440_41557	64QAM	Max	0	Max	0	20.70	0.1035
	64QAM	1	0	1	Max	15.08	0.0284
	64QAM	1	Max	1	0	20.88	0.1079
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	21.74	0.1315
	QPSK	1	0	1	Max	15.10	0.0285
	QPSK	1	Max	1	0	23.61	0.2023
M 40528_40645	QPSK	Max	0	Max	0	21.72	0.1309
	QPSK	1	0	1	Max	15.27	0.0296
	QPSK	1	Max	1	0	23.68	0.2056
H 41373_41490	QPSK	Max	0	Max	0	21.73	0.1312
	QPSK	1	0	1	Max	15.14	0.0288
	QPSK	1	Max	1	0	23.51	0.1977
L 39683_39800	16QAM	Max	0	Max	0	20.80	0.1059
	16QAM	1	0	1	Max	14.93	0.0274
	16QAM	1	Max	1	0	22.68	0.1633
M	16QAM	Max	0	Max	0	20.82	0.1064



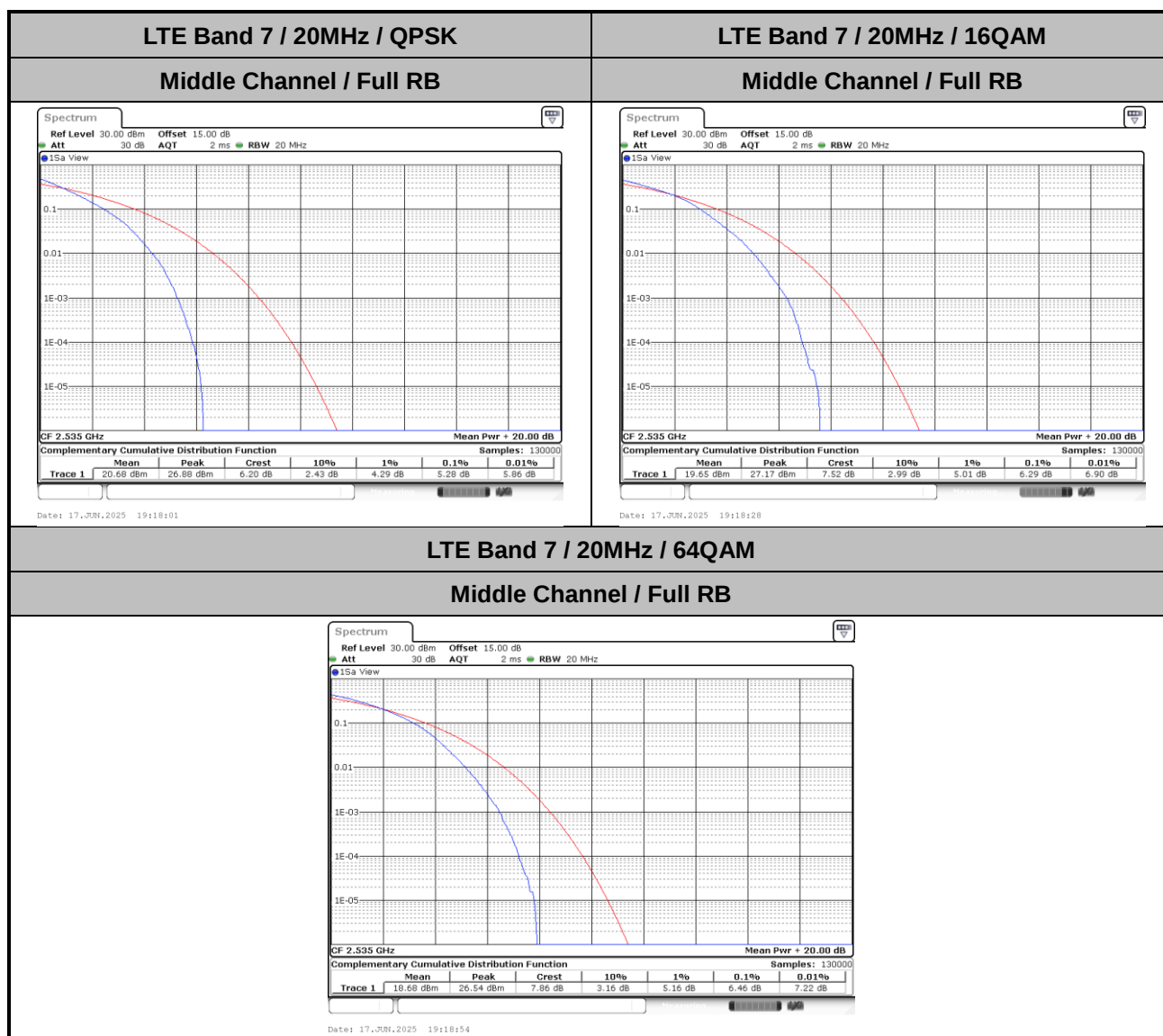
40528_40645	16QAM	1	0	1	Max	15.12	0.0286
	16QAM	1	Max	1	0	22.54	0.1581
H 41373_41490	16QAM	Max	0	Max	0	20.77	0.1052
	16QAM	1	0	1	Max	14.96	0.0276
	16QAM	1	Max	1	0	22.72	0.1648
L 39683_39800	64QAM	Max	0	Max	0	20.73	0.1042
	64QAM	1	0	1	Max	15.09	0.0284
	64QAM	1	Max	1	0	20.94	0.1094
M 40528_40645	64QAM	Max	0	Max	0	20.74	0.1045
	64QAM	1	0	1	Max	14.97	0.0277
	64QAM	1	Max	1	0	20.94	0.1094
H 41373_41490	64QAM	Max	0	Max	0	20.71	0.1038
	64QAM	1	0	1	Max	15.06	0.0282
	64QAM	1	Max	1	0	20.83	0.1067



LTE Band 7

Peak-to-Average Ratio

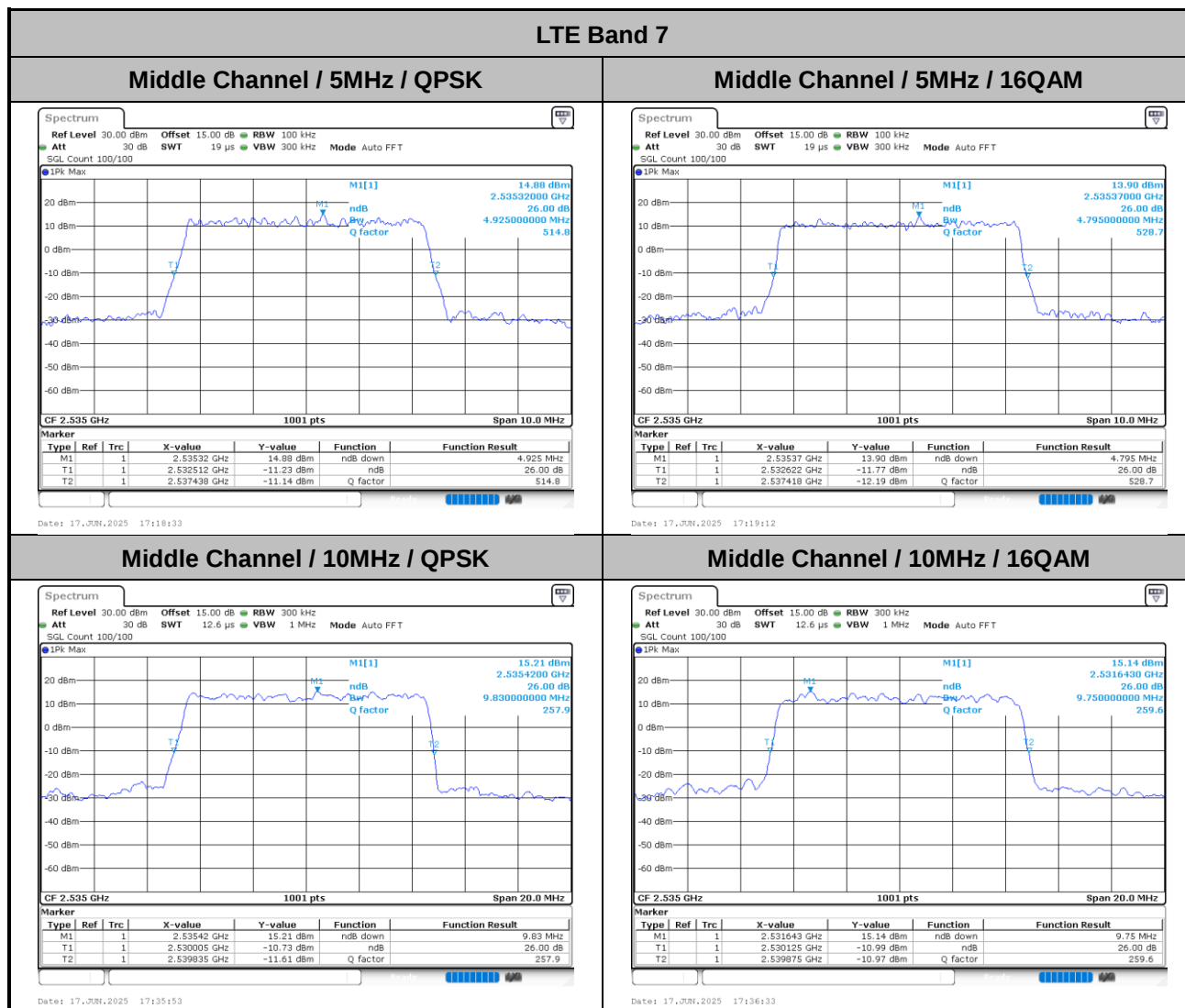
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.28	6.29	6.46	PASS





26dB Bandwidth

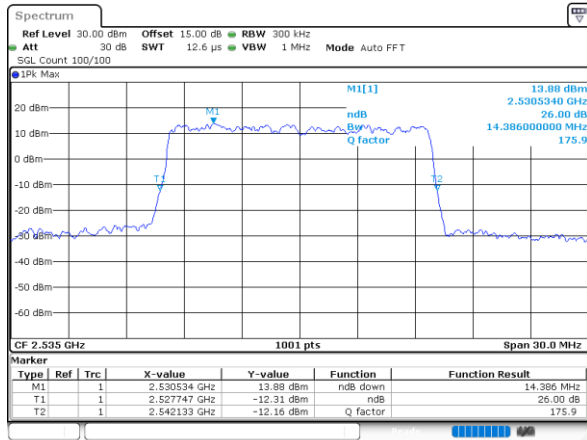
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.93	4.80	9.83	9.75	14.39	14.51	19.14	19.02



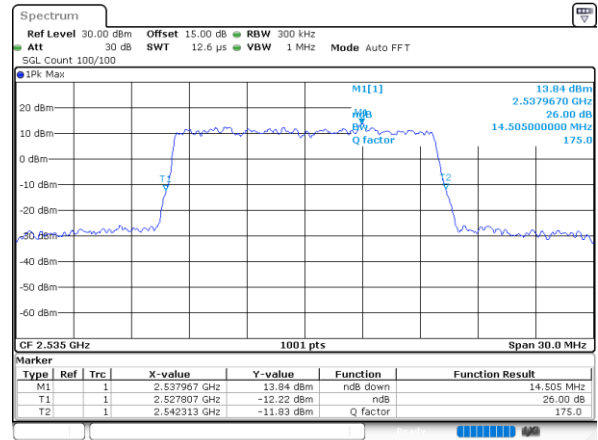


LTE Band 7

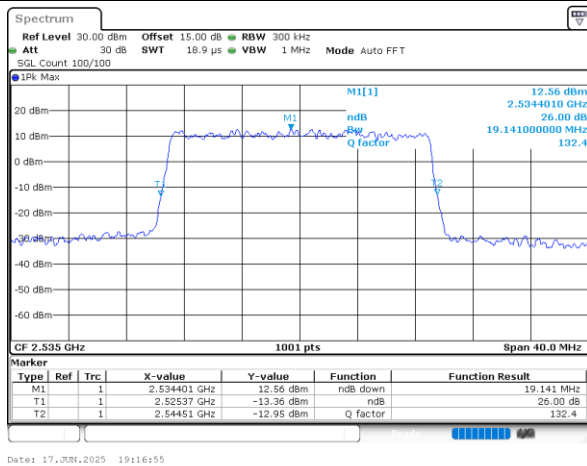
Middle Channel / 15MHz / QPSK



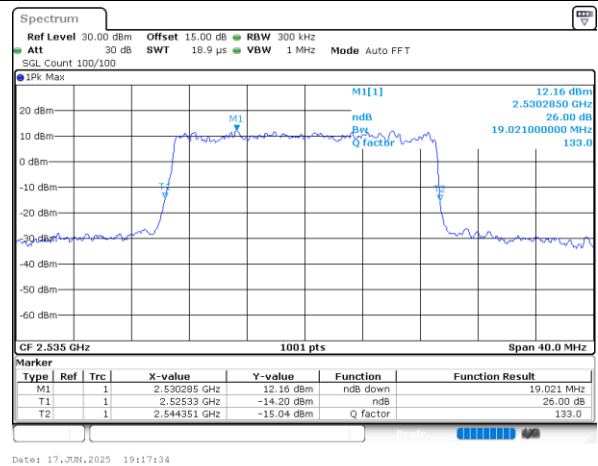
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



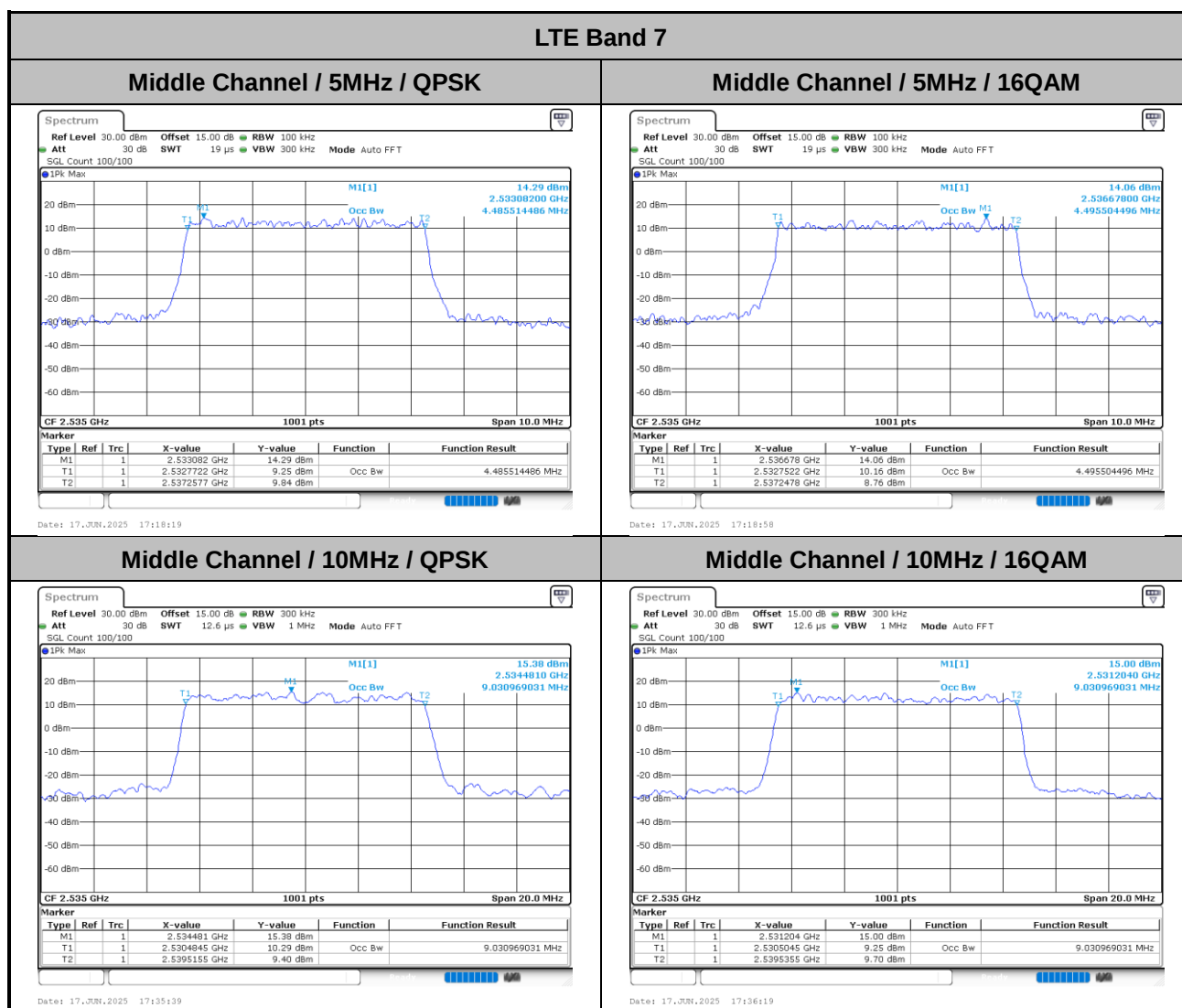
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

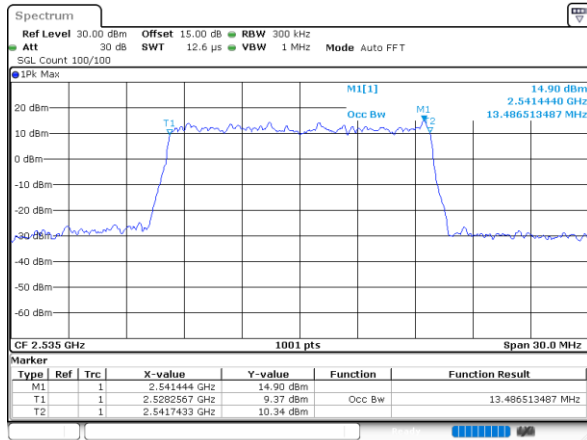
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.50	9.03	9.03	13.49	13.46	17.86	17.90



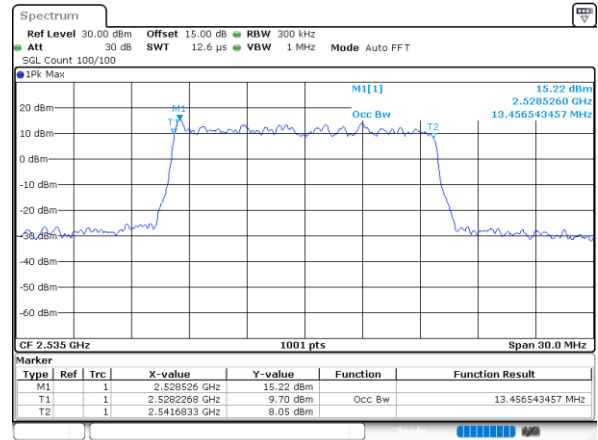


LTE Band 7

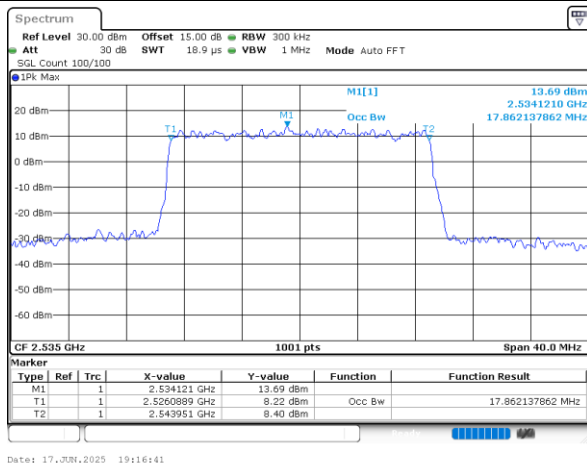
Middle Channel / 15MHz / QPSK



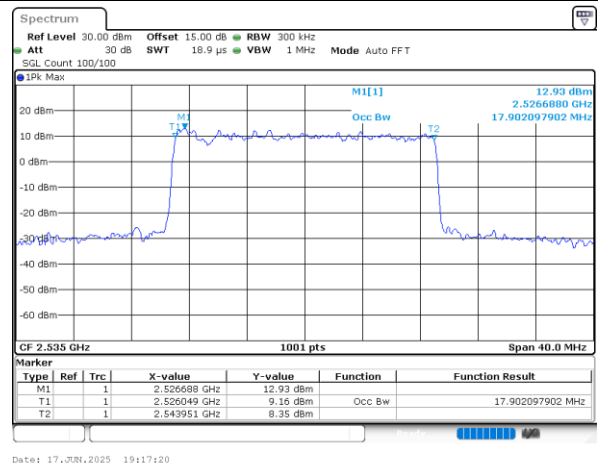
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

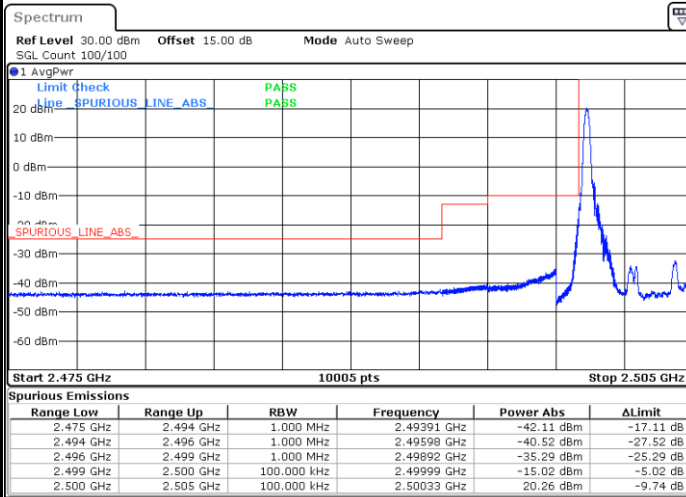




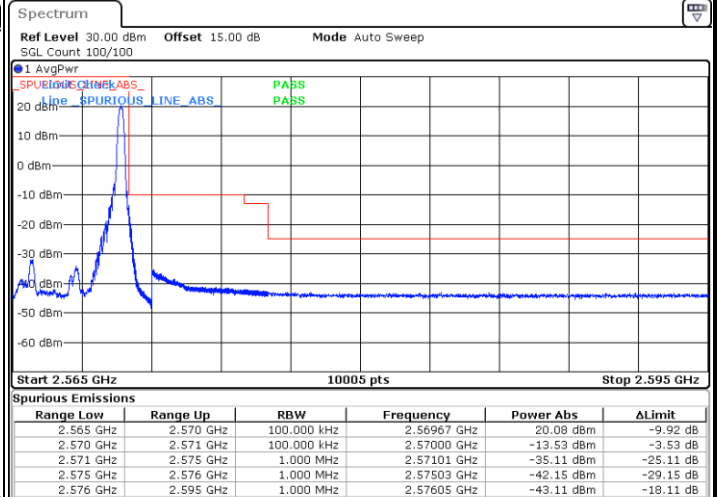
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

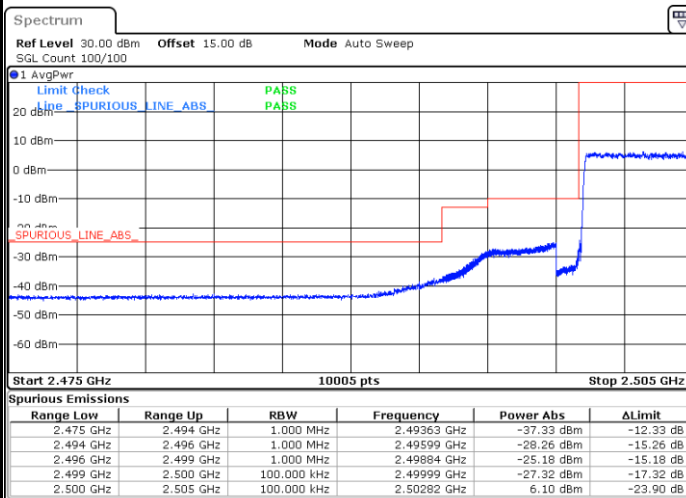
Lowest Band Edge / 1 RB



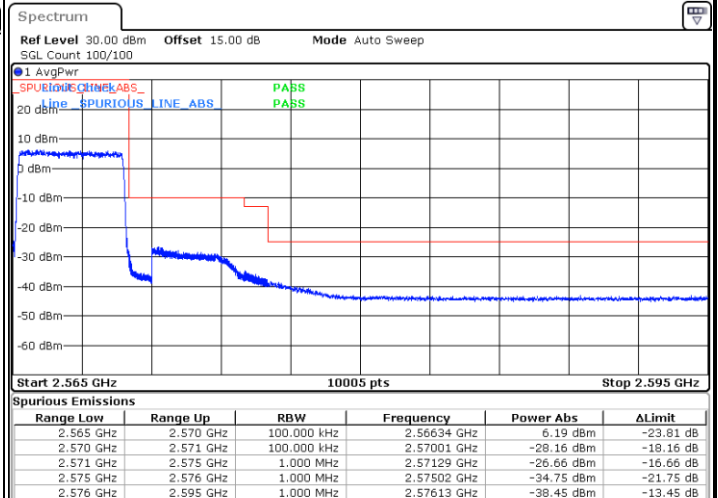
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



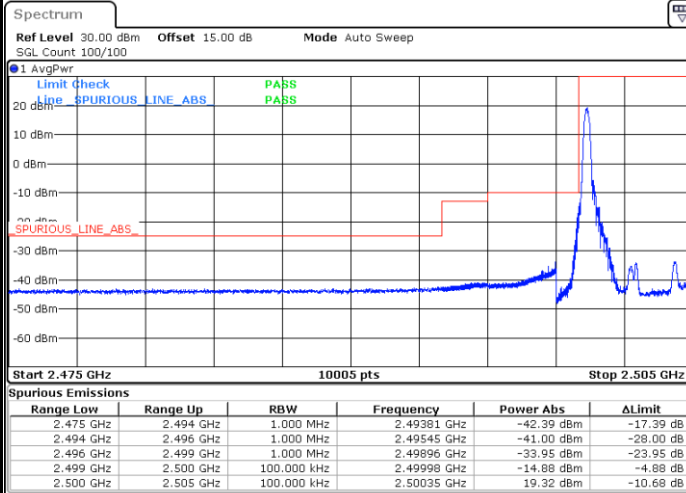
Highest Band Edge / Full RB



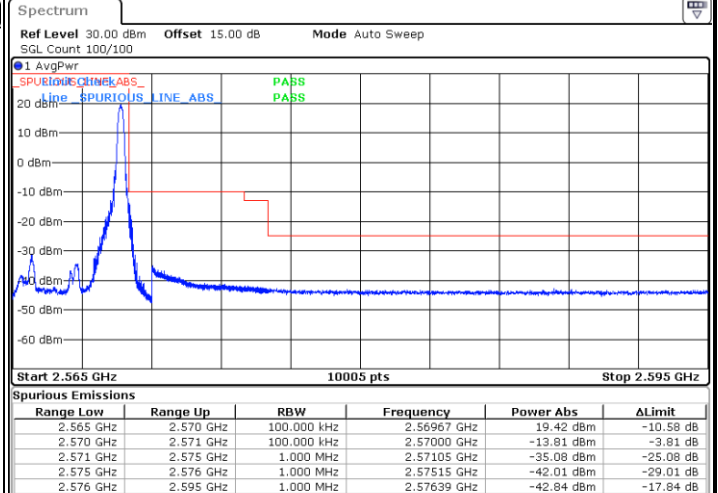


LTE Band 7 / 5MHz / 16QAM

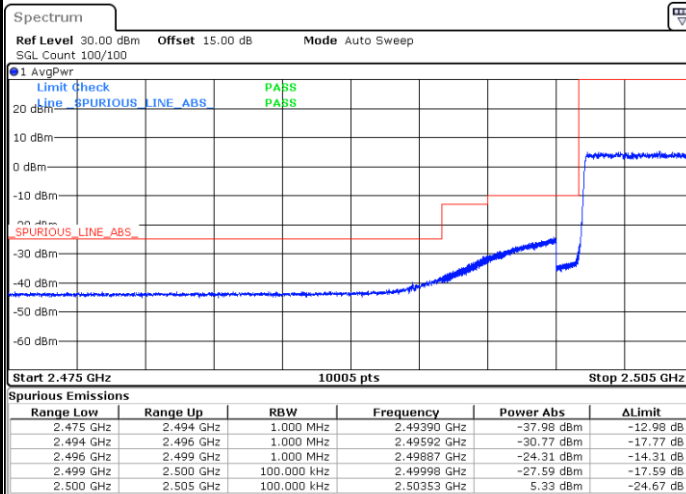
Lowest Band Edge / 1RB



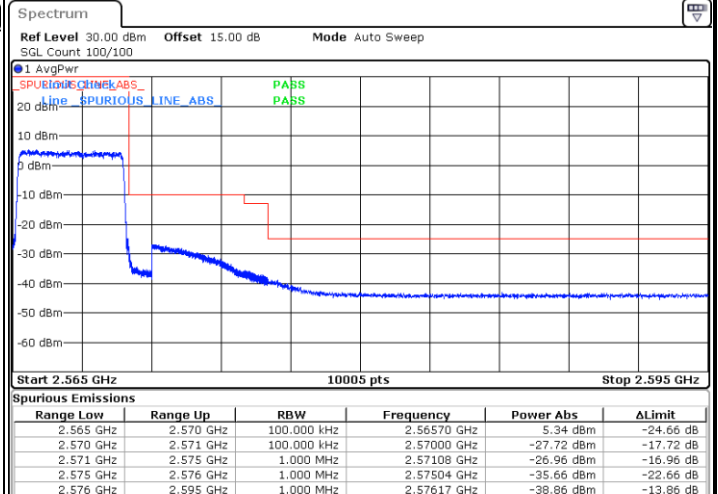
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



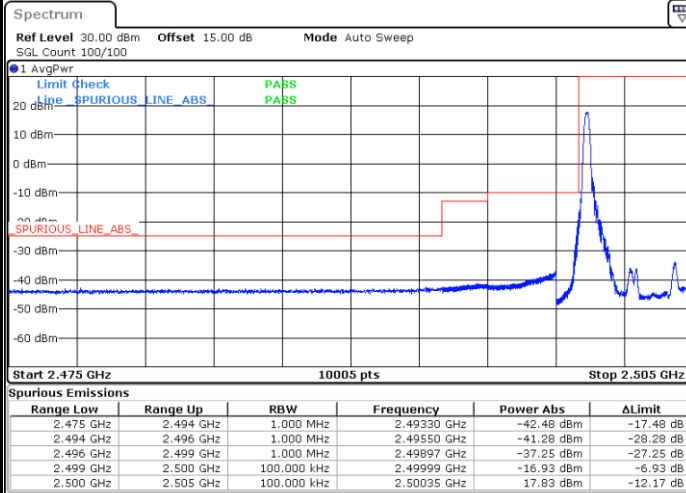
Highest Band Edge / Full RB



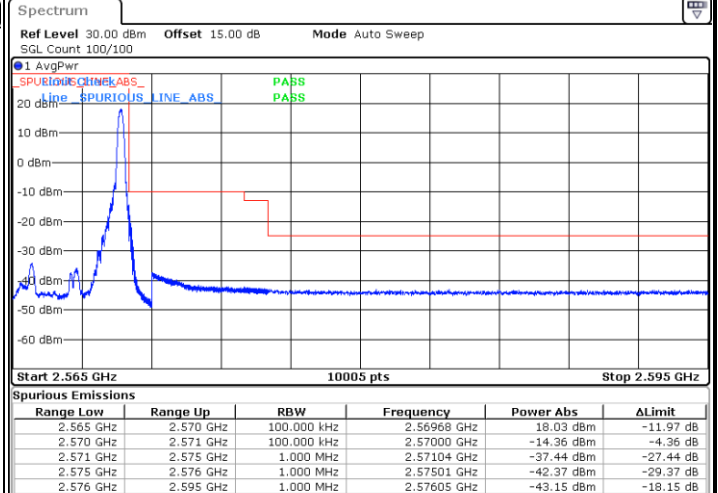


LTE Band 7 / 5MHz / 64QAM

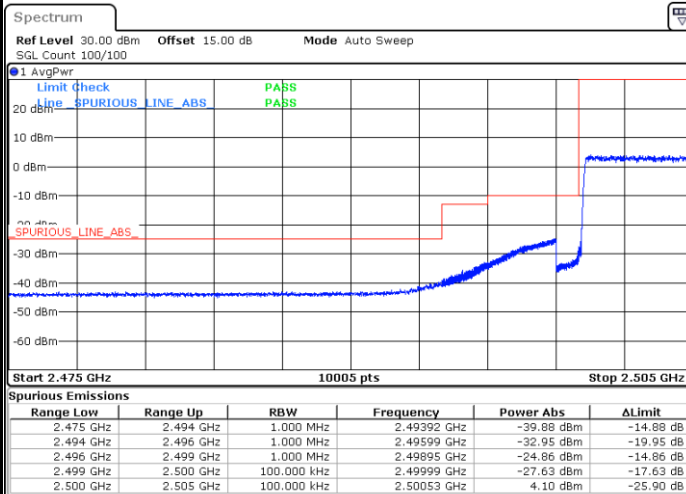
Lowest Band Edge / 1RB



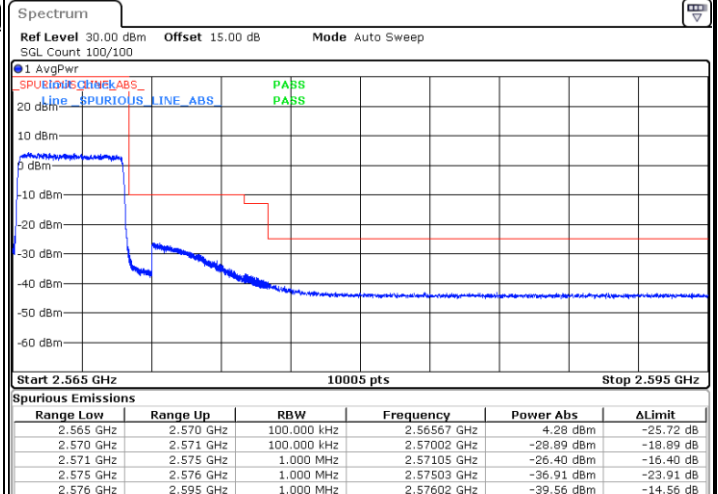
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



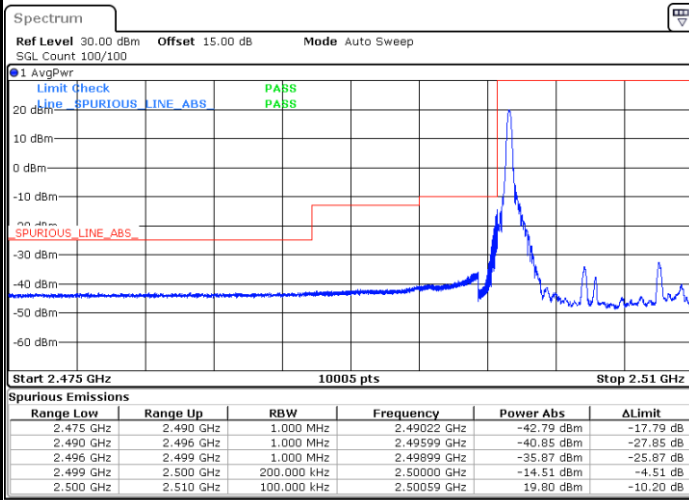
Highest Band Edge / Full RB



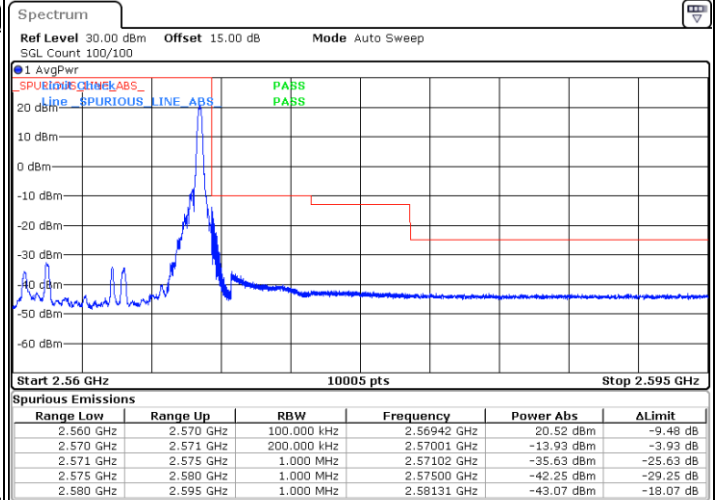


LTE Band 7 / 10MHz / QPSK

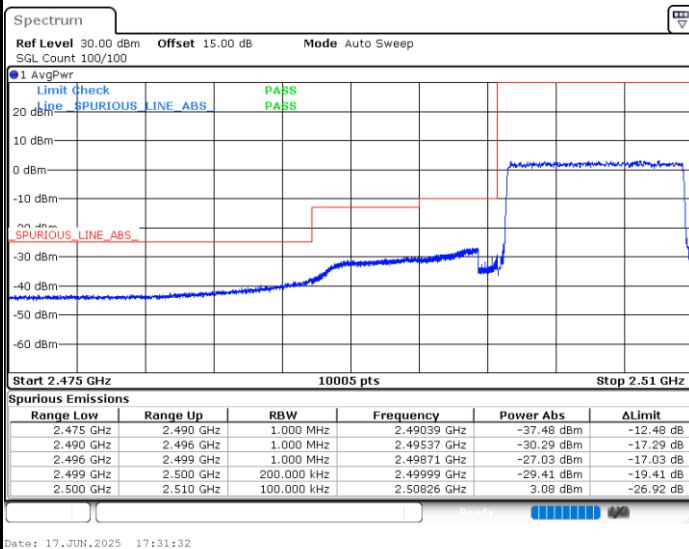
Lowest Band Edge / 1 RB



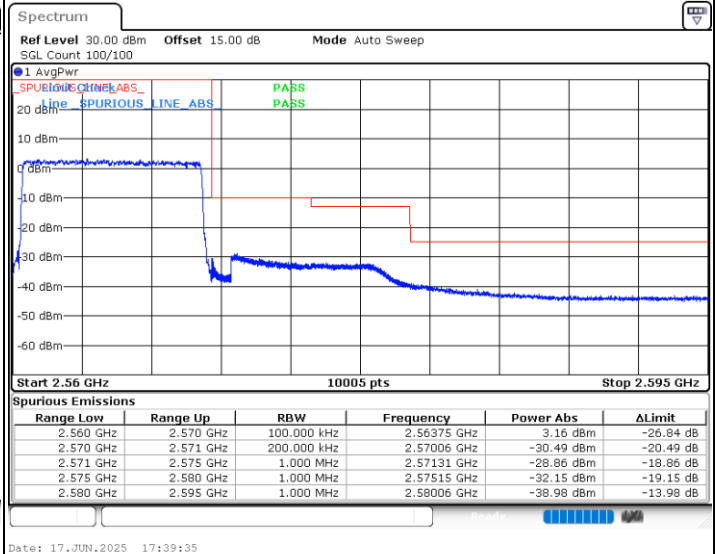
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



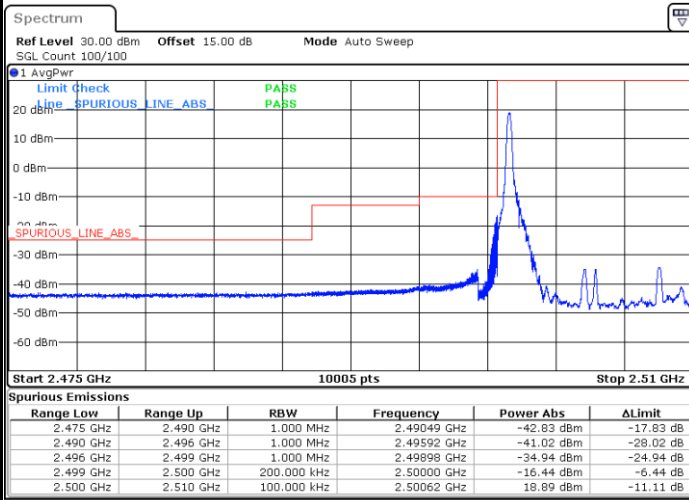
Highest Band Edge / Full RB





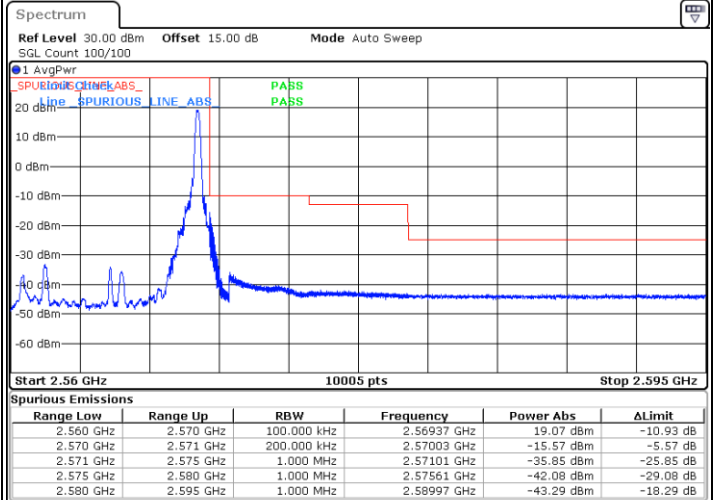
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



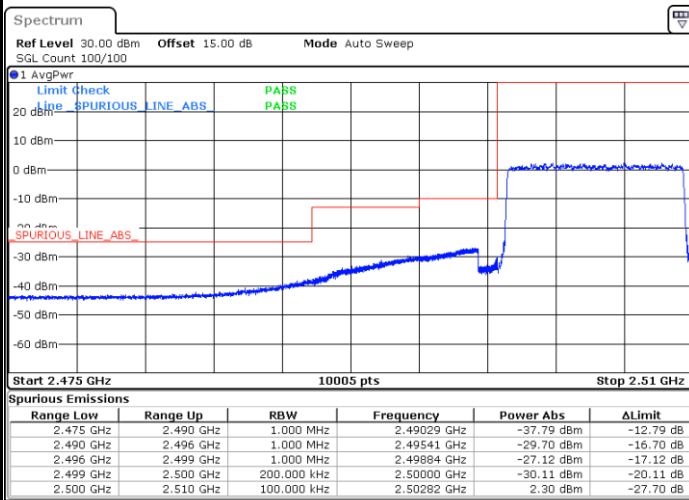
Date: 17.JUN.2025 17:30:00

Highest Band Edge / 1 RB



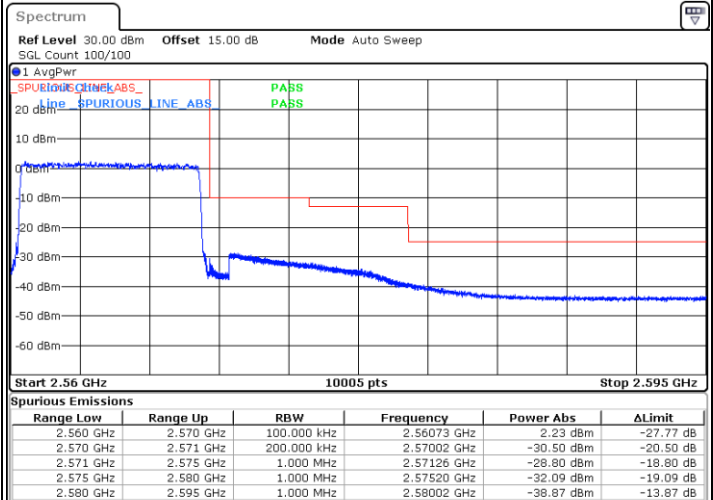
Date: 17.JUN.2025 17:38:03

Lowest Band Edge / Full RB



Date: 17.JUN.2025 17:32:18

Highest Band Edge / Full RB

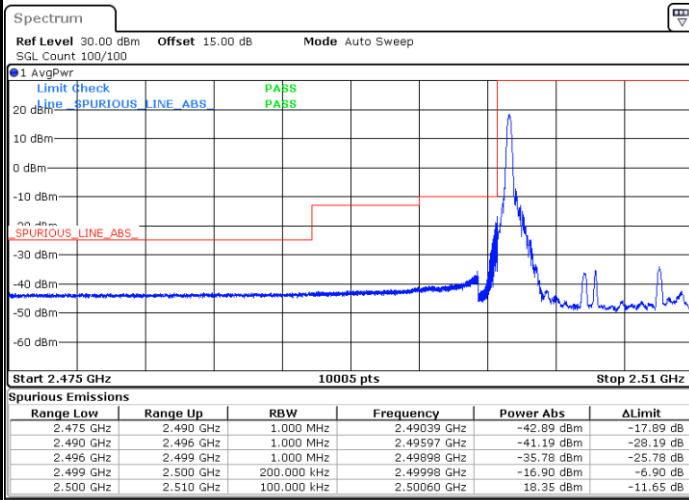


Date: 17.JUN.2025 17:40:21

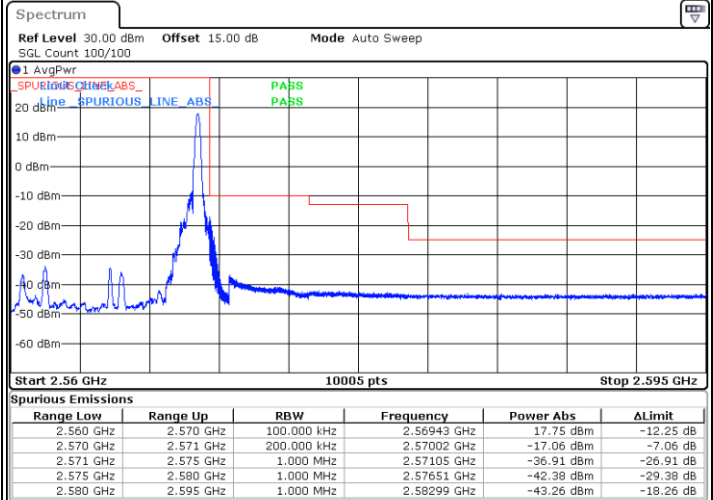


LTE Band 7 / 10MHz / 64QAM

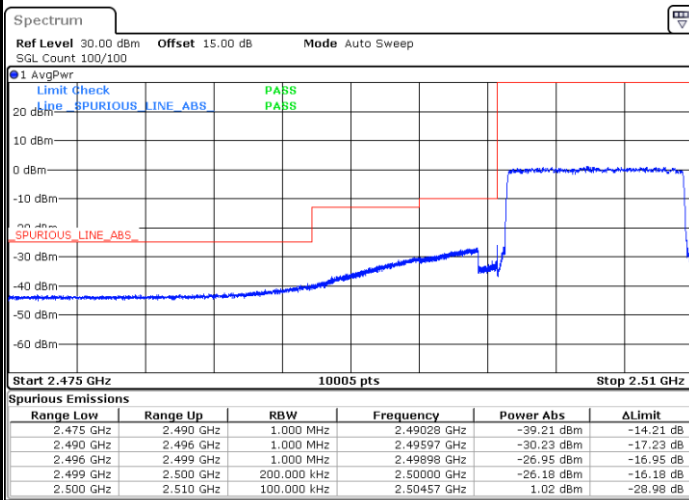
Lowest Band Edge / 1RB



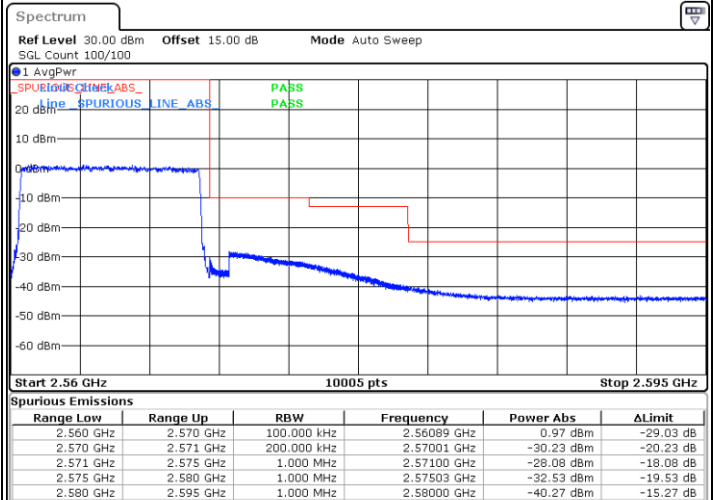
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



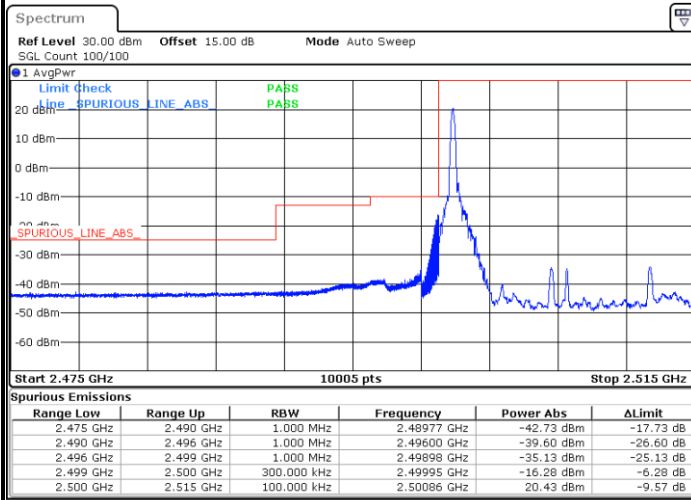
Highest Band Edge / Full RB



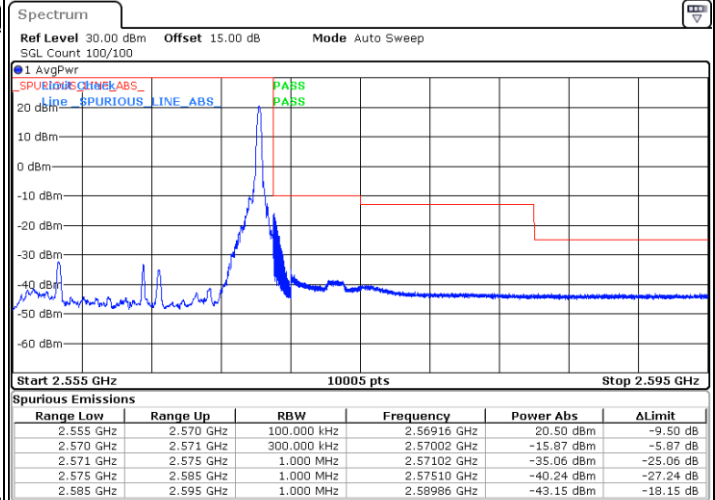


LTE Band 7 / 15MHz / QPSK

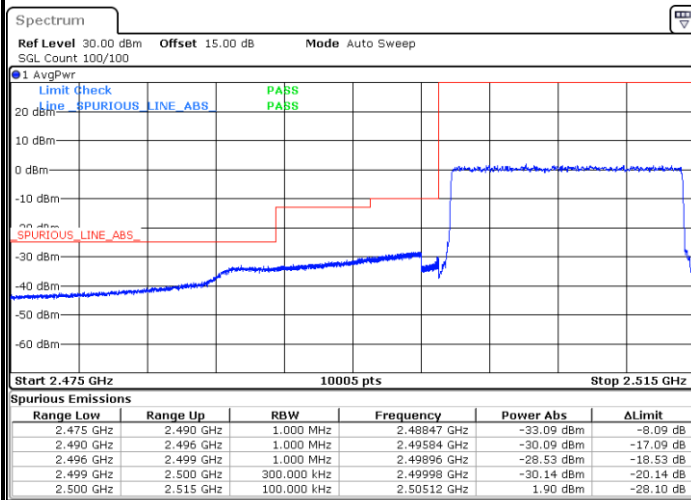
Lowest Band Edge / 1 RB



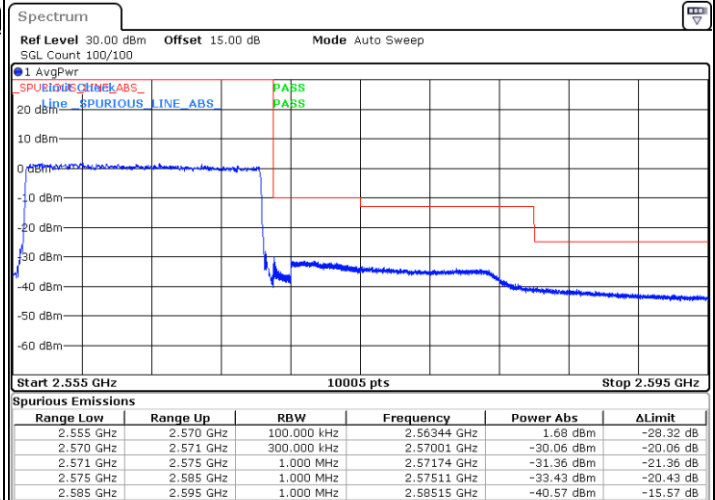
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



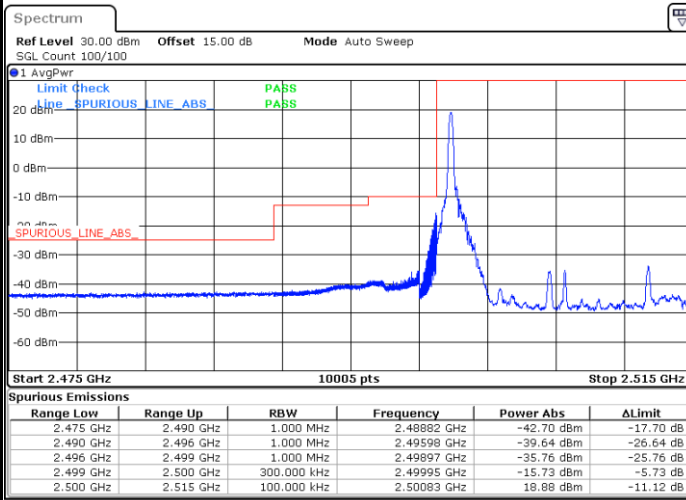
Highest Band Edge / Full RB



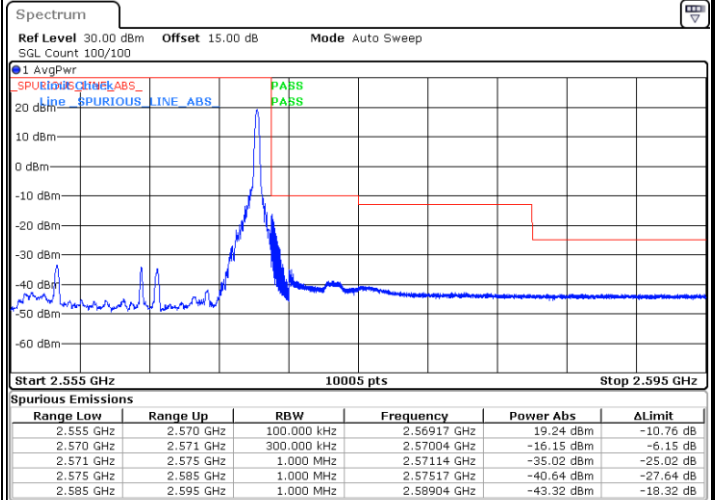


LTE Band 7 / 15MHz / 16QAM

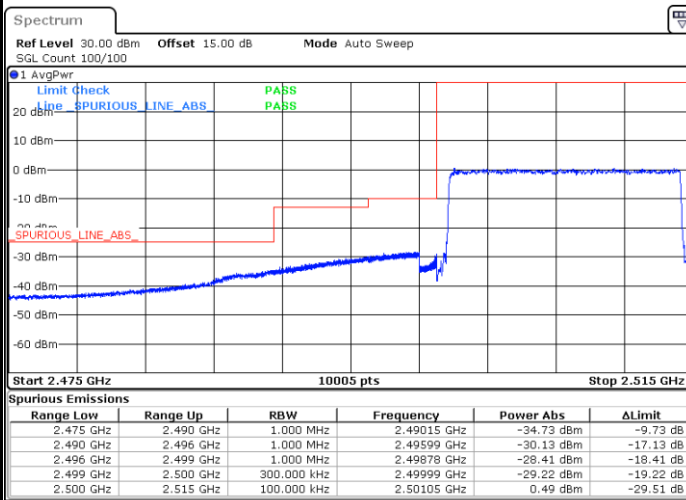
Lowest Band Edge / 1RB



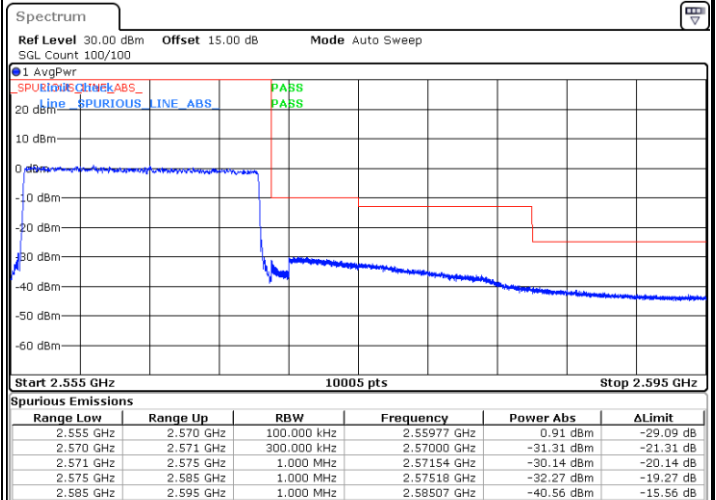
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



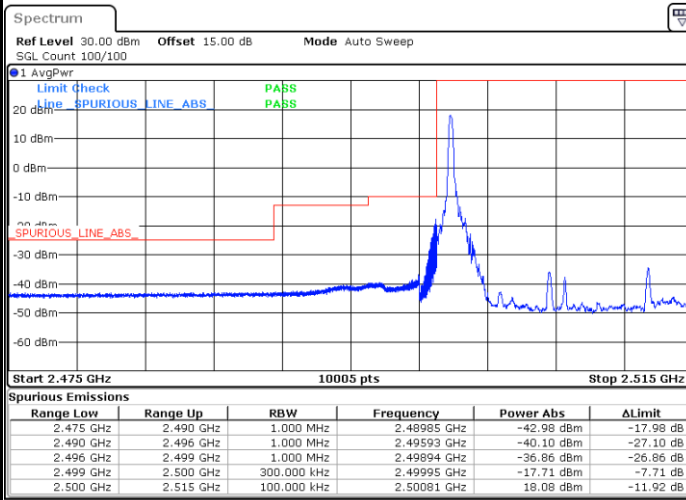
Highest Band Edge / Full RB



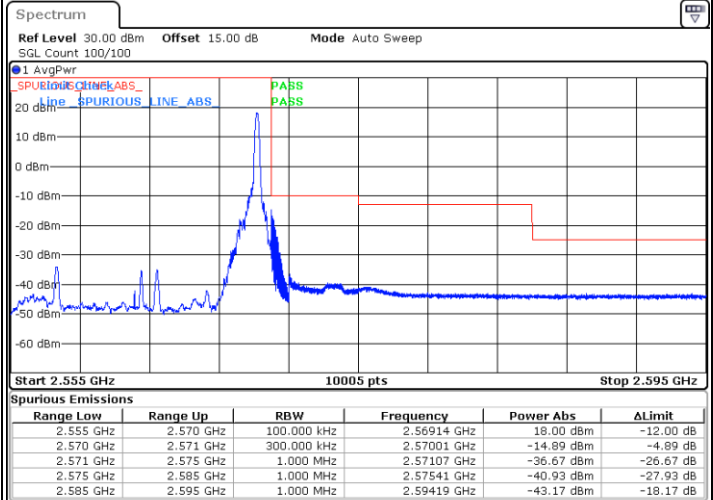


LTE Band 7 / 15MHz / 64QAM

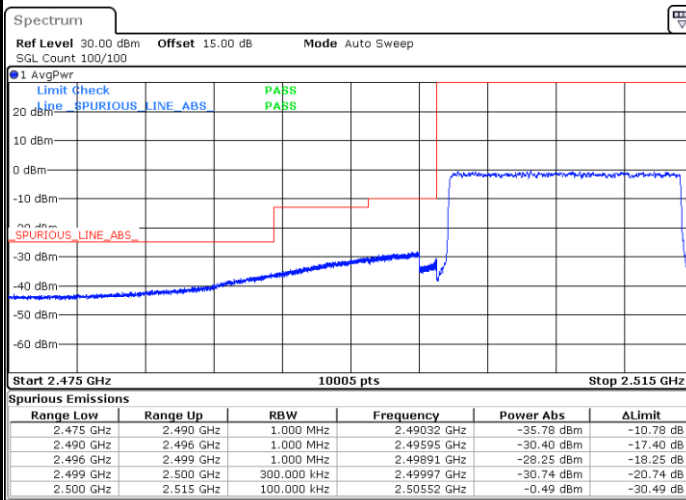
Lowest Band Edge / 1RB



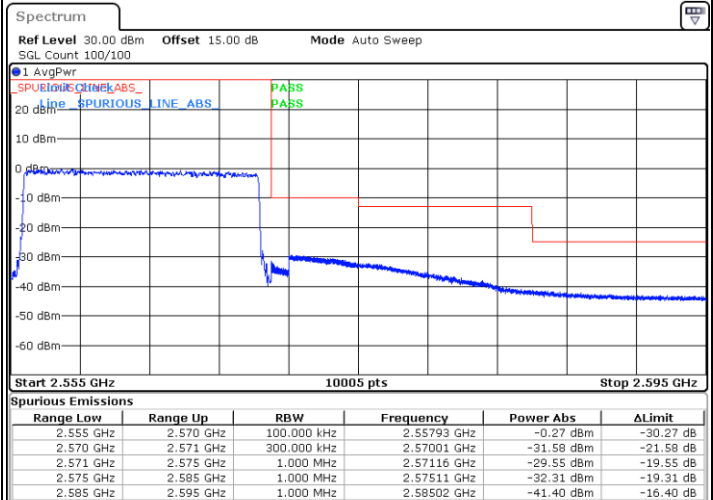
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



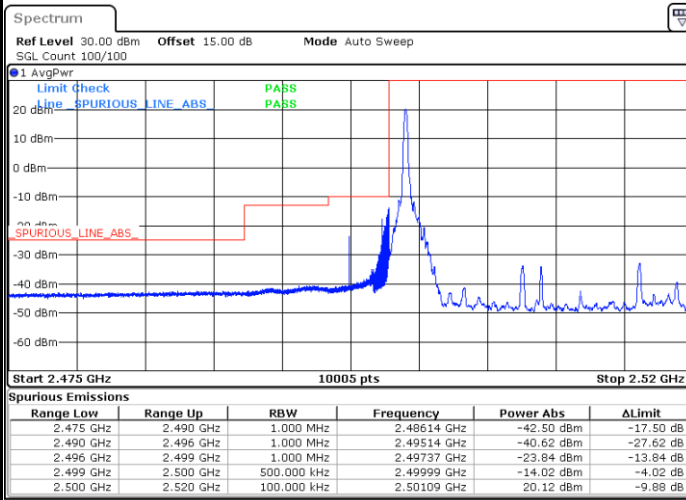
Highest Band Edge / Full RB



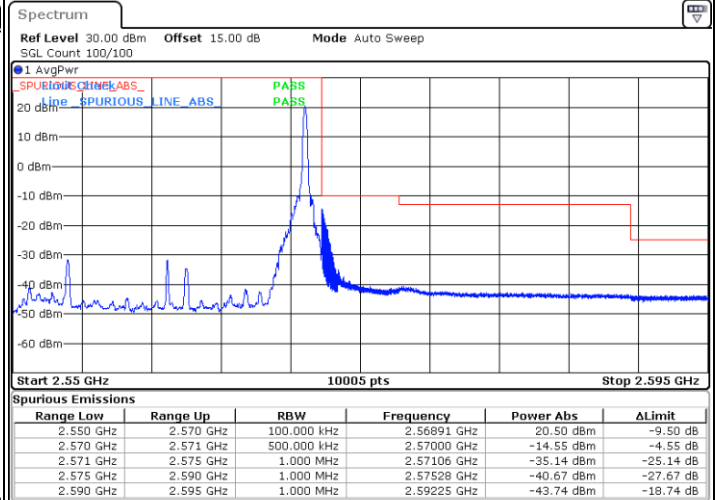


LTE Band 7 / 20MHz / QPSK

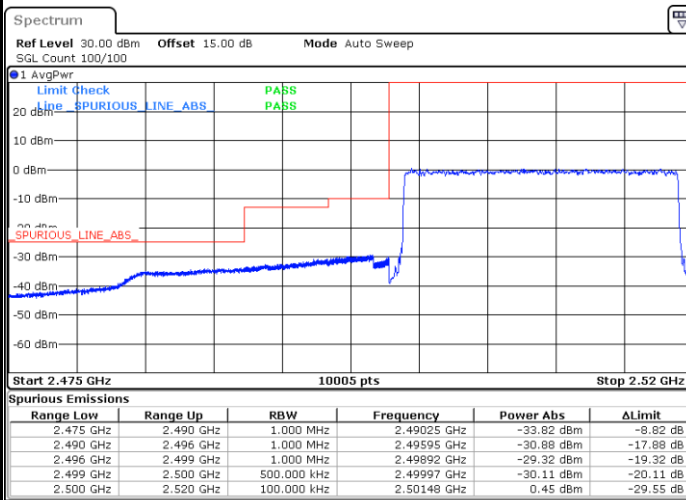
Lowest Band Edge / 1 RB



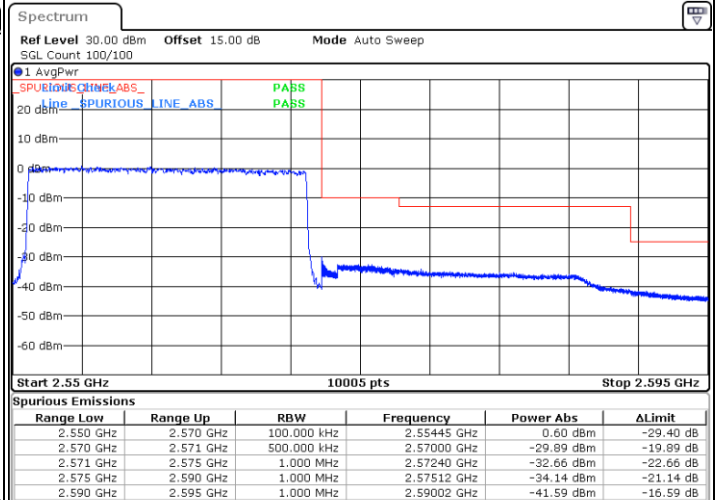
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



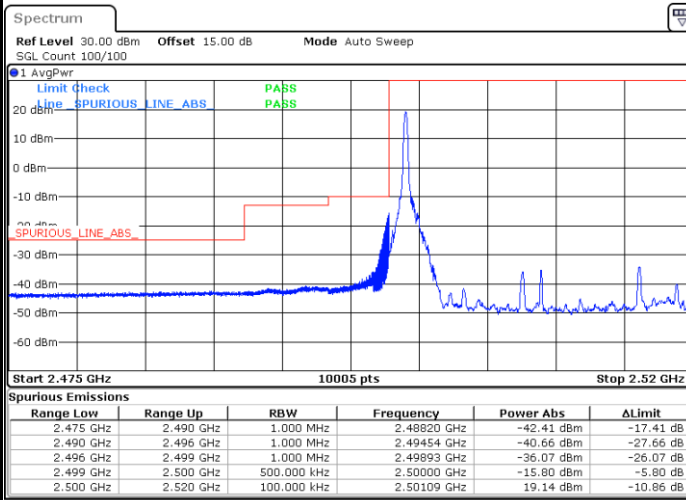
Highest Band Edge / Full RB





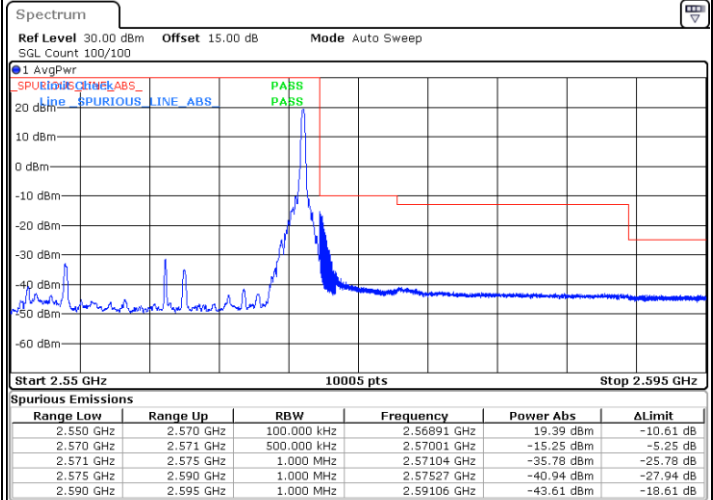
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



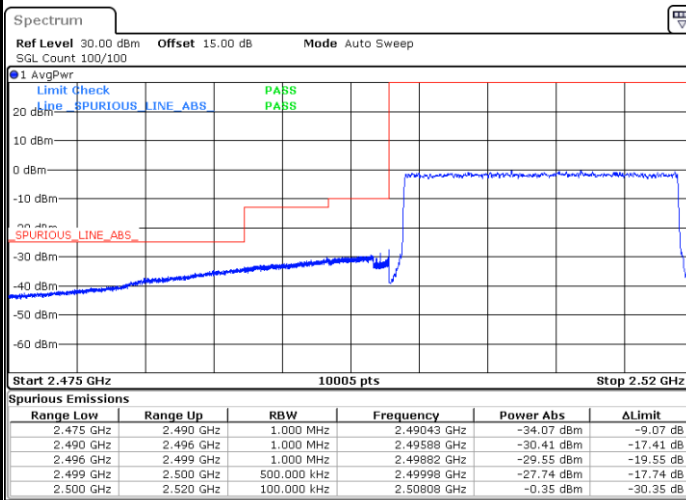
Date: 17.JUN.2025 19:11:02

Highest Band Edge / 1 RB



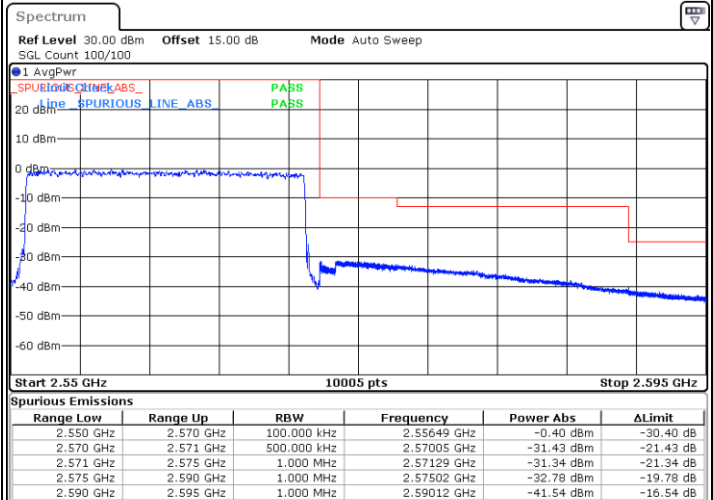
Date: 17.JUN.2025 19:20:25

Lowest Band Edge / Full RB



Date: 17.JUN.2025 19:13:20

Highest Band Edge / Full RB

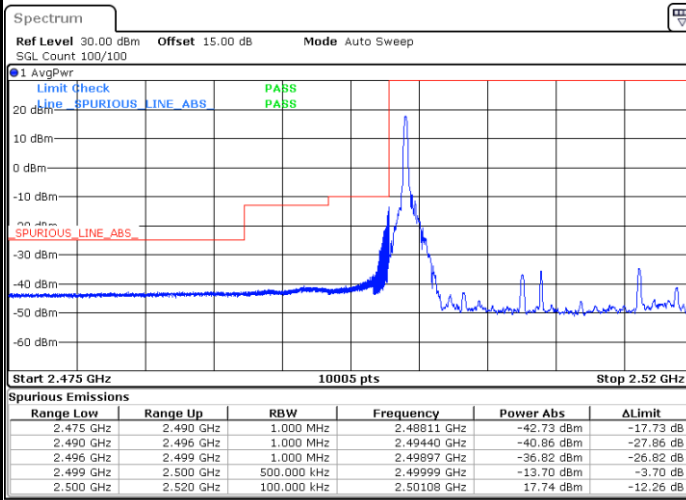


Date: 17.JUN.2025 19:22:43

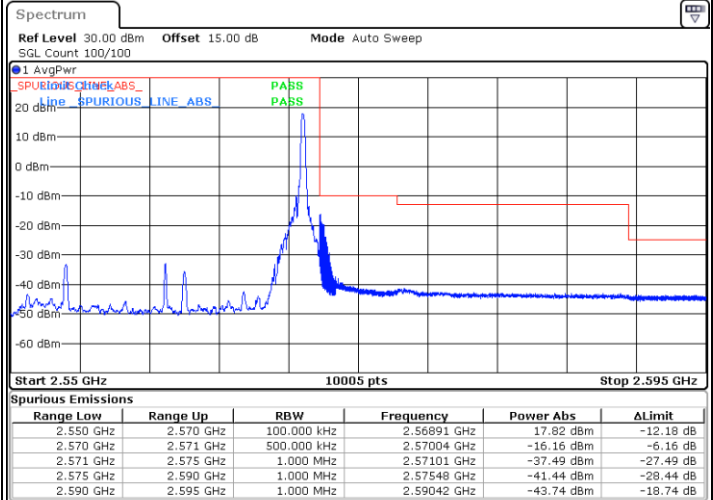


LTE Band 7 / 20MHz / 64QAM

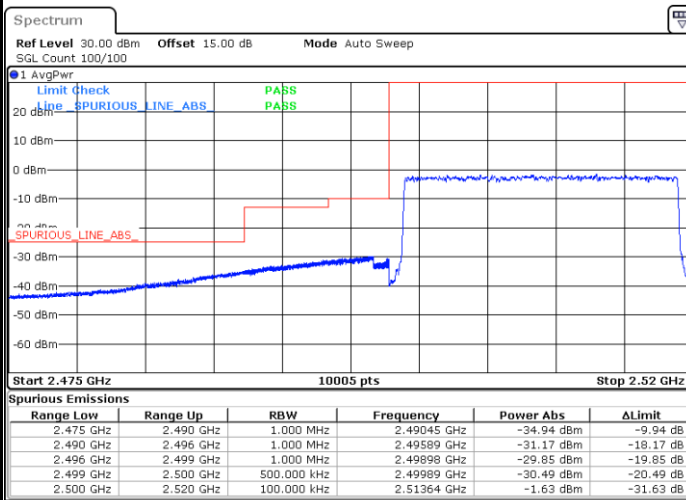
Lowest Band Edge / 1RB



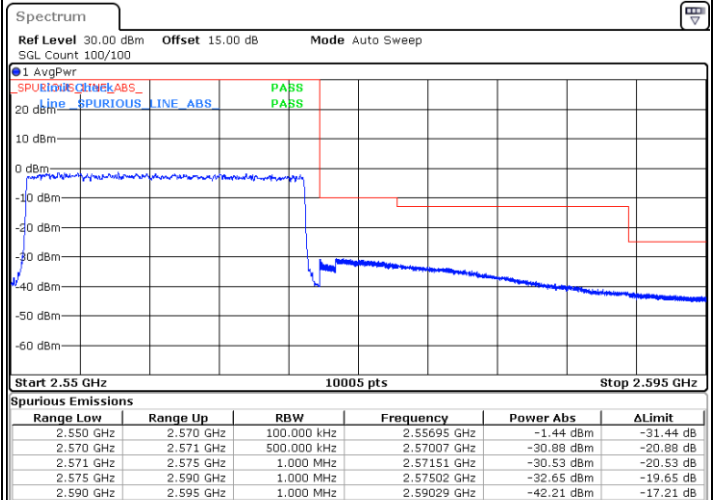
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

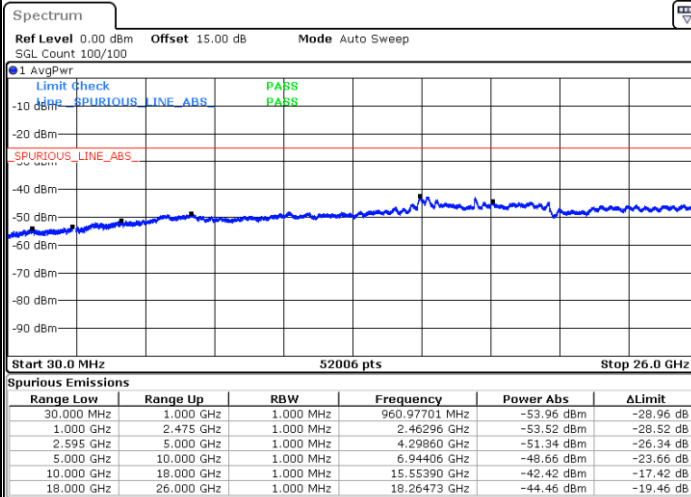




Conducted Spurious Emission

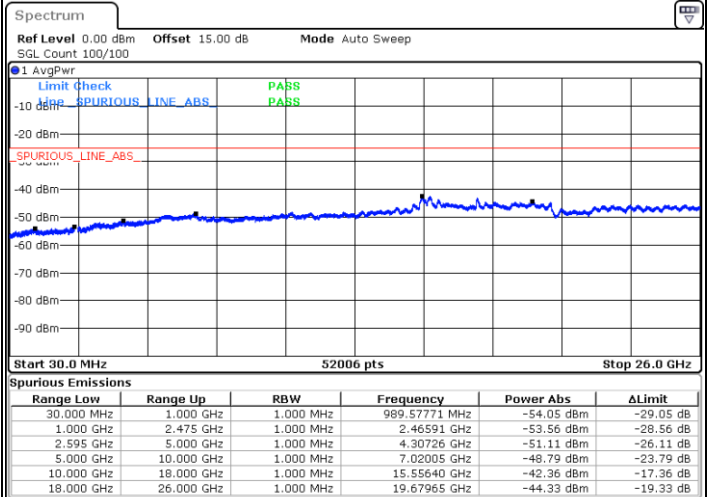
LTE Band 7 / 5MHz

Lowest Channel / QPSK



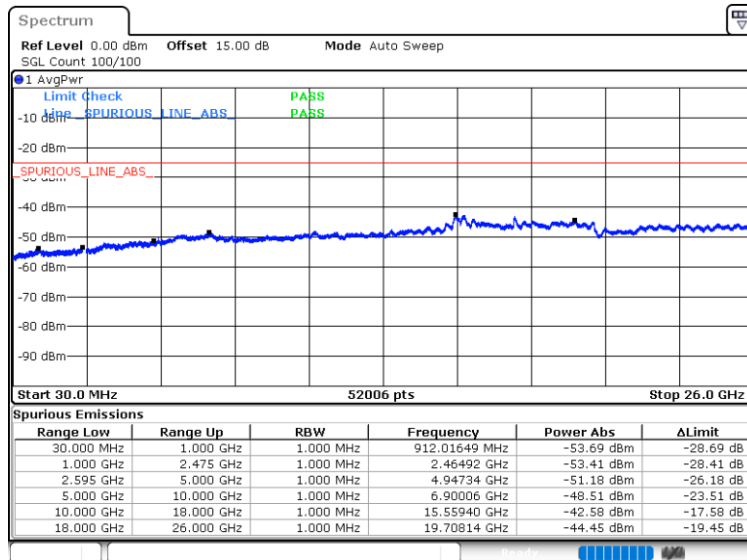
Date: 17.JUN.2025 17:16:49

Middle Channel / QPSK



Date: 17.JUN.2025 17:17:53

Highest Channel / QPSK

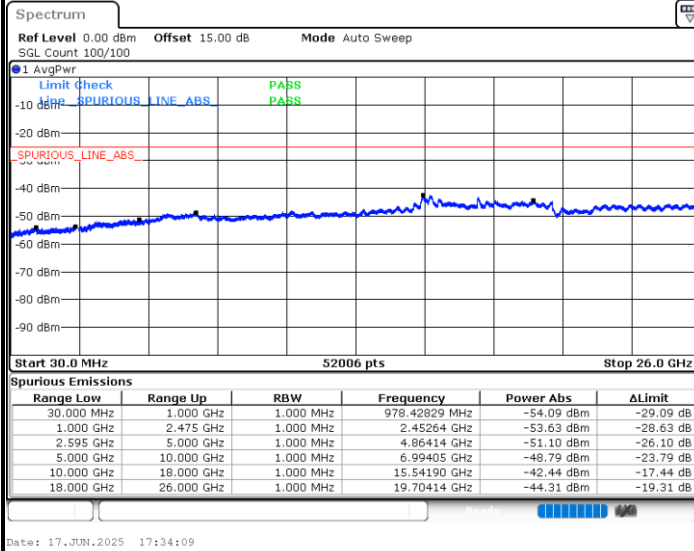


Date: 17.JUN.2025 17:24:52

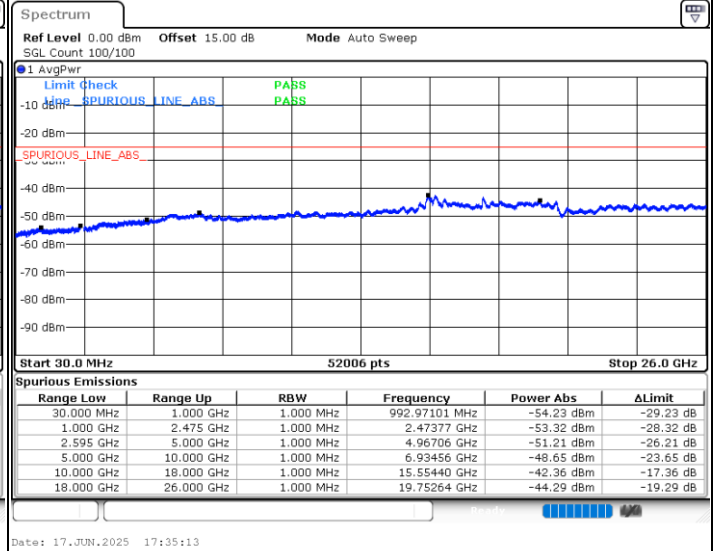


LTE Band 7 / 10MHz

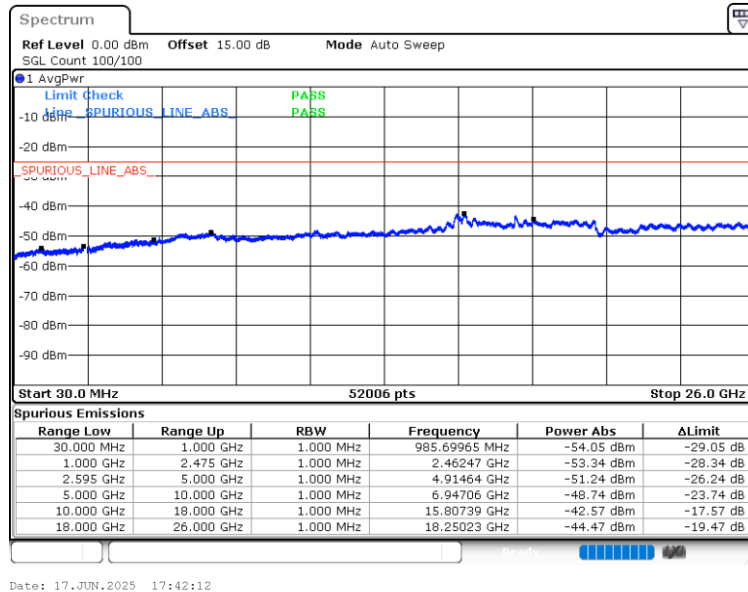
Lowest Channel / QPSK



Middle Channel / QPSK



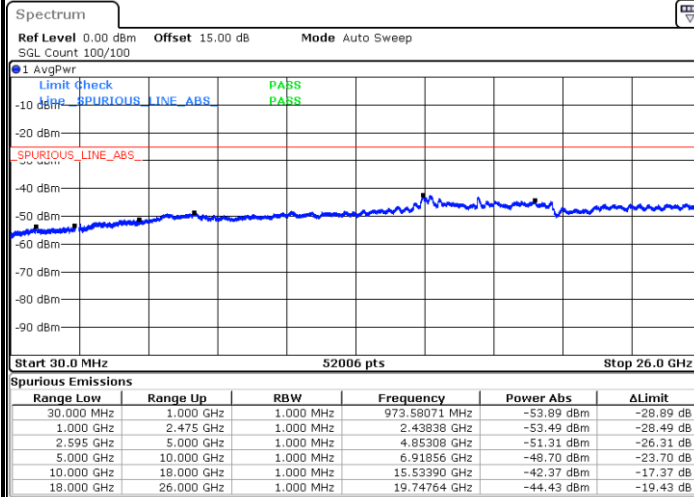
Highest Channel / QPSK





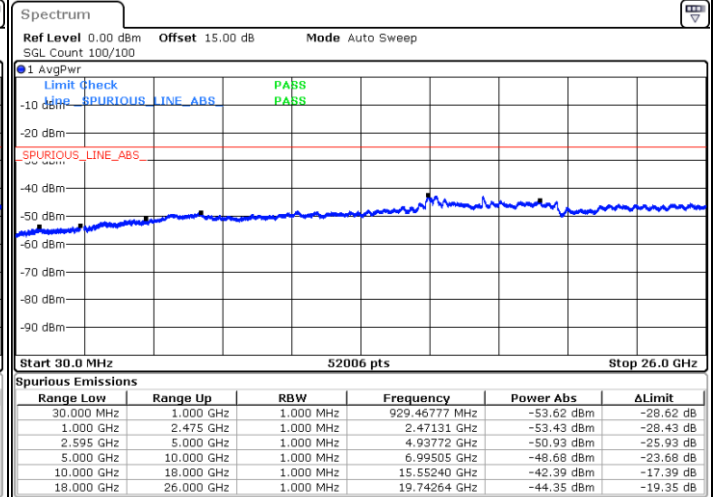
LTE Band 7 / 15MHz

Lowest Channel / QPSK



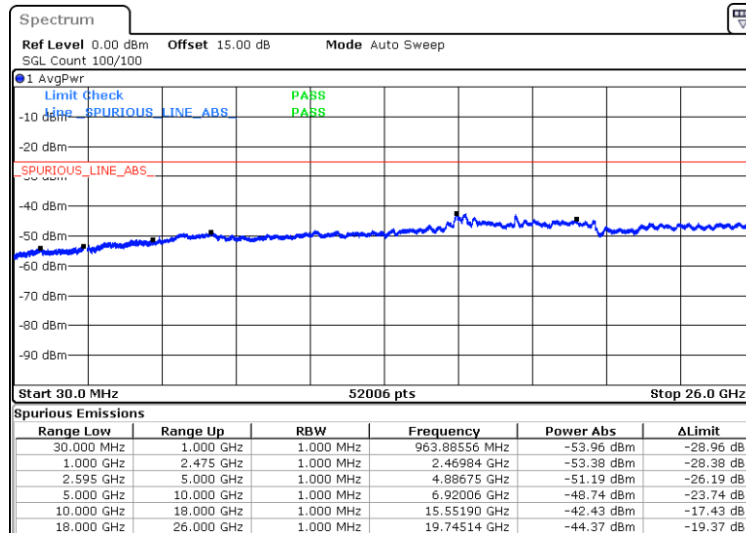
Date: 17.JUN.2025 19:00:07

Middle Channel / QPSK



Date: 17.JUN.2025 19:01:10

Highest Channel / QPSK



Date: 17.JUN.2025 19:08:09