FCC Test Report

FCC ID	:	**MXF-WLTGG12241**
Equipment	:	**Cat 12 LTE B41 HE Outdoor CPE**
Model No.	:	**WLTGG-122_2.x**
Brand Name	:	**Gemtek**
Applicant	:	**Gemtek Technology Co., Ltd.**
Address	:	**No.15-1 Zhoughua Rd, Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan, R.O.C**
Standard	:	**47 CFR FCC Part 27 Subpart M**
Received Date	:	**Sep. 19, 2019**
Tested Date	:	**Sep. 25 ~ Oct. 16, 2019**

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by: **Approved by:**

Along Chen / Assistant Manager **Gary Chang / Manager**

Testing Laboratory 2732

Table of Contents

Release Record

Report No.	Version	Description	Issued Date
FG991902	Rev. 01	Initial issue	Nov. 04, 2019

Summary of Test Results

FCC Rules	Description of Test	Measured	Result
2.1046 / 27.50(h)(2)	Output power	Maximum Conducted power: 0.421 W	Pass
2.1053 / 27.53(m)(4)(6)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 27.53(m)(4)(6)	Conducted Emissions	Meet the requirement of limit	Pass
2.1051 / 27.53(m)(4)(6)	Channel Edge Measurement	Meet the requirement of limit	Pass
2.1049(h) / 27.53(m)(6)	Emission Bandwidth	Meet the requirement of limit	Pass
2.1055 / 27.54	Frequency Stability	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

Operating Frequency	**LTE Band 41** Channel Bandwidth: 5MHz: 2498.5 MHz ~ 2687.5 MHz Channel Bandwidth: 10MHz: 2501.0 MHz ~ 2685.0 MHz Channel Bandwidth: 15MHz: 2503.5 MHz ~ 2682.5 MHz Channel Bandwidth: 20MHz: 2506.0 MHz ~ 2680.0 MHz
Modulation Type	QPSK, 16QAM, 64QAM (Uplink) QPSK, 16QAM, 64QAM, 256QAM (Downlink)
Duplex Mode	TDD
Category	Cat. 12
CA Band	Band 41
CA Type	☒ Intra-band Contiguous Carrier Aggregation ☒ Intra-band Non-Contiguous Carrier Aggregation
Release Version	12
H/W Version	Mother board: V01, RF board: V00
S/W Version	01.02.01.025

1.1.2 Antenna Details

Ant. No.	Type	Connector	Gain (dBi)
1	Patch	I-PEX	12.5

1.1.3 EUT Operational Condition

Power Supply Type	56Vdc from PoE		
Operational Voltage	☒ Vnom (56 Vdc)	☒ Vmax (58.8 Vdc)	☒ Vmin (53.2 Vdc)
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (55°C)	☒ Tmin (-40°C)

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	PoE	Brand: FRECOM Model: PGOC24D01-560027 Power Rating: I/P: 100-240Vac, 50/60Hz, 0.7A O/P: 56Vdc, 0.27A
2	Power cord	0.72m non-shielded without core
3	RJ45 (E354598)	Brand: EKSON Model: ZP01-C001 1.5m non-shielded without core
4	RJ45 (E315882)	Brand: TUNG-LI Model: 5U422-20 1.5m non-shielded without core
5	Mounting KIT	---

1.1.5 Maximum Conducted Power and Emission Designator

CDD Mode			
Channel Bandwidth	**Modulation**	**Conducted Power (W)**	**Emission Designator**
5MHz	QPSK	0.378	4M49G7D
5MHz	16QAM	0.307	4M48W7D
5MHz	64QAM	0.236	4M50W7D
10MHz	QPSK	0.421	8M94G7D
10MHz	16QAM	0.333	8M95W7D
10MHz	64QAM	0.277	8M93W7D
15MHz	QPSK	0.396	13M4G7D
15MHz	16QAM	0.309	13M4W7D
15MHz	64QAM	0.252	13M4W7D
20MHz	QPSK	0.409	17M9G7D
20MHz	16QAM	0.321	17M8W7D
20MHz	64QAM	0.256	17M9W7D

Non Contiguous CA Mode			
Channel Bandwidth (MHz)	**Modulation**	**Conducted Power (W)**	**Emission Designator**
5+5	QPSK	0.330	8M94G7D
5+5	16QAM	0.322	8M96W7D
5+5	64QAM	0.322	8M96W7D
5+10	QPSK	0.340	13M4G7D
5+10	16QAM	0.333	13M4W7D
5+10	64QAM	0.336	13M4W7D
5+15	QPSK	0.342	17M9G7D
5+15	16QAM	0.339	17M9W7D
5+15	64QAM	0.334	17M9W7D
5+20	QPSK	0.355	22M3G7D
5+20	16QAM	0.339	22M3W7D
5+20	64QAM	0.338	22M3W7D
10+5	QPSK	0.346	13M4G7D
10+5	16QAM	0.331	13M4W7D
10+5	64QAM	0.335	13M4W7D
10+10	QPSK	0.362	17M9G7D
10+10	16QAM	0.344	17M9W7D
10+10	64QAM	0.346	17M9W7D
10+15	QPSK	0.362	22M4G7D
10+15	16QAM	0.354	22M4W7D
10+15	64QAM	0.352	22M3W7D
10+20	QPSK	0.374	26M8G7D
10+20	16QAM	0.361	26M8W7D
10+20	64QAM	0.358	26M8W7D
15+5	QPSK	0.340	17M9G7D
15+5	16QAM	0.334	17M9W7D
15+5	64QAM	0.330	17M9W7D
15+10	QPSK	0.356	22M3G7D
15+10	16QAM	0.348	22M4W7D
15+10	64QAM	0.344	22M3W7D
15+15	QPSK	0.356	26M8G7D
15+15	16QAM	0.350	26M8W7D
15+15	64QAM	0.348	26M8W7D
15+20	QPSK	0.364	31M3G7D

15+20	16QAM	0.349	31M3W7D
15+20	64QAM	0.352	31M2W7D
20+5	QPSK	0.356	22M3G7D
20+5	16QAM	0.334	22M3W7D
20+5	64QAM	0.335	22M3W7D
20+10	QPSK	0.366	26M8G7D
20+10	16QAM	0.356	26M8W7D
20+10	64QAM	0.356	26M8W7D
20+15	QPSK	0.372	31M3G7D
20+15	16QAM	0.354	31M3W7D
20+15	64QAM	0.358	31M2W7D
20+20	QPSK	0.383	35M7G7D
20+20	16QAM	0.371	35M7W7D
20+20	64QAM	0.369	35M7W7D

Contiguous CA Mode			
Channel Bandwidth (MHz)	**Modulation**	**Conducted Power (W)**	**Emission Designator**
5+20	QPSK	0.369	22M8G7D
5+20	16QAM	0.305	22M8W7D
5+20	64QAM	0.194	22M8W7D
10+15	QPSK	0.391	23M1G7D
10+15	16QAM	0.381	23M1W7D
10+15	64QAM	0.386	23M0W7D
10+20	QPSK	0.406	27M7G7D
10+20	16QAM	0.327	27M7W7D
10+20	64QAM	0.213	27M7W7D
15+10	QPSK	0.387	23M1G7D
15+10	16QAM	0.385	23M1W7D
15+10	64QAM	0.384	23M1W7D
15+15	QPSK	0.390	28M3G7D
15+15	16QAM	0.313	28M3W7D
15+15	64QAM	0.209	28M3W7D
15+20	QPSK	0.394	32M6G7D
15+20	16QAM	0.316	32M6W7D
15+20	64QAM	0.207	32M6W7D
20+5	QPSK	0.389	22M8G7D
20+5	16QAM	0.311	22M8W7D
20+5	64QAM	0.201	22M8W7D
20+10	QPSK	0.412	27M7G7D
20+10	16QAM	0.334	27M7W7D
20+10	64QAM	0.218	27M7W7D
20+15	QPSK	0.408	32M6G7D
20+15	16QAM	0.331	32M6W7D
20+15	64QAM	0.213	32M5W7D
20+20	QPSK	0.416	37M5G7D
20+20	16QAM	0.340	37M5W7D
20+20	64QAM	0.219	37M4W7D

1.1.6 Operating Channel List

LTE Band 41 / CDD		
Channel Bandwidth (MHz)	**Channel**	**Frequency (MHz)**
5	39675	2498.5
5	40620	2593.0
5	41565	2687.5
10	39700	2501.0
10	40620	2593.0
10	41540	2685.0
15	39725	2503.5
15	40620	2593.0
15	41515	2682.5
20	39750	2506.0
20	40620	2593.0
20	41490	2680.0

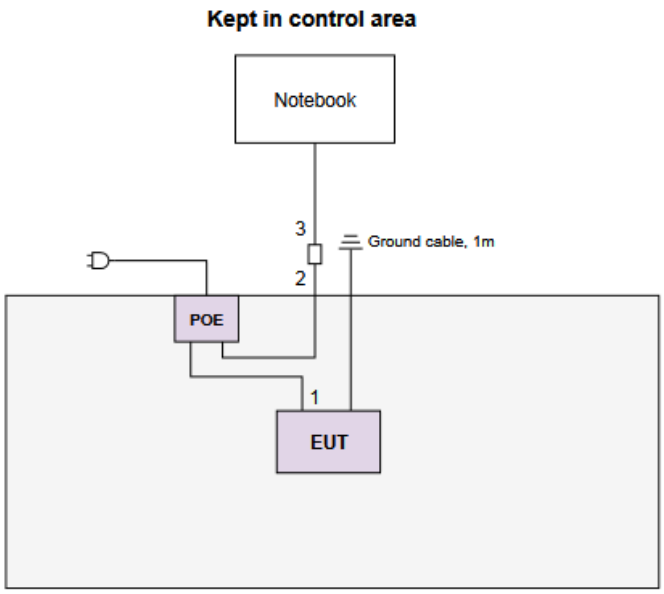
LTE Band 41 / Intra-band Non-Contiguous CA Test frequencies for CA_41A-41A								
Test Frequency ID	**CC-Combo / NRB_agg [RB]**	**CC1 Note1**			**Wgap [MHz]**	**CC2 Note1**		
		BW [RB]	**$N_{UL/DL}$**	**$F_{UL/DL}$ (MHz)**		**BW [RB]**	**$N_{UL/DL}$**	**$F_{UL/DL}$ (MHz)**
Max WGap	25+25	25	39675	2498.5	184	25	41565	2687.5
	25+50	25	39675	2498.5	179	50	41540	2685
		50	39700	2501	179	25	41565	2687.5
	25+75	25	39675	2498.5	174	75	41515	2682.5
		75	39725	2503.5	174	25	41565	2687.5
	50+50	50	39700	2501	174	50	41540	2685
	25+100	25	39675	2498.5	169	100	41490	2680
		100	39750	2506	169	25	41565	2687.5
	50+75	50	39700	2501	169	75	41515	2682.5
		75	39725	2503.5	169	50	41540	2685
	50+100	50	39700	2501	164	100	41490	2680
		100	39750	2506	164	50	41540	2685
	75+75	75	39725	2503.5	164	75	41515	2682.5
	75+100	75	39725	2503.5	159	100	41490	2680
		100	39750	2506	159	75	41515	2682.5
	100+100	100	39750	2506	154	100	41490	2680
Note 1: Carriers in increasing frequency order.								

LTE Band 41 / Intra-band Contiguous CA Test frequencies for CA_41C							
Range	CC-Combo / NRB_agg [RB]	CC1[Note1]			CC2[Note1]		
		BW [RB]	$N_{UL/DL}$	$F_{UL/DL}$ (MHz)	BW [RB]	$N_{UL/DL}$	$F_{UL/DL}$ (MHz)
Low	25+100	25	39683	2499.3	100	39800	2511
		100	39750	2506	25	39867	2517.7
	50+75	50	39703	2501.3	75	39823	2513.3
		75	39725	2503.5	50	39845	2515.5
	50+100	50	39705	2501.5	100	39849	2515.9
		100	39750	2506	50	39894	2520.4
	75+75	75	39725	2503.5	75	39875	2518.5
	75+100	75	39728	2503.8	100	39899	2520.9
		100	39750	2506	75	39921	2523.1
	100+100	100	39750	2506	100	39948	2525.8
Mid.	25+100	25	40528	2583.8	100	40645	2595.5
		100	40595	2590.5	25	40712	2602.2
	50+75	50	40549	2585.9	75	40669	2597.9
		75	40571	2588.1	50	40691	2600.1
	50+100	50	40526	2583.6	100	40670	2598.0
		100	40571	2588.1	50	40715	2602.5
	75+75	75	40545	2585.5	75	40695	2600.5
	75+100	75	40523	2583.3	100	40694	2600.4
		100	40546	2585.6	75	40717	2602.7
	100+100	100	40521	2583.1	100	40719	2602.9
High	25+100	25	41373	2668.3	100	41490	2680
		100	41440	2675	25	41557	2686.7
	50+75	50	41395	2670.5	75	41515	2682.5
		75	41417	2672.7	50	41537	2684.7
	50+100	50	41346	2665.6	100	41490	2680
		100	41391	2670.1	50	41535	2684.5
	75+75	75	41365	2667.5	75	41515	2682.5
	75+100	75	41319	2662.9	100	41490	2680
		100	41341	2665.1	75	41512	2682.2
	100+100	100	41292	2660.2	100	41490	2680
Note 1: Carriers in increasing frequency order.							

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Notebook	DELL	Latitude E5470	DoC	---

1.3 Test Setup Chart

Test Setup Diagram


No.	Signal cable / Length (m)
1	RJ45, 1m shielded.
2	RJ45, 1.5m non-shielded.
3	RJ45, 10m non-shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Oct. 08 ~ Oct. 15, 2019				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Dec. 27, 2018	Dec. 26, 2019
Receiver	R&S	ESR3	101658	Dec. 11, 2018	Dec. 10, 2019
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 12, 2019	Jul. 11, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 18, 2018	Dec. 17, 2019
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2018	Nov. 14, 2019
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 09, 2018	Nov. 08, 2019
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980225	Jul. 09, 2019	Jul. 08, 2020
Preamplifier	Agilent	83017A	MY39501309	Sep. 24, 2019	Sep. 23, 2020
Preamplifier	EMC	EMC184045B	980192	Aug. 01, 2019	Jul. 31, 2020
RF Cable	EMC	EMC104-SM-SM-8000	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Sep. 25 ~ Oct. 16, 2019				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101063	Apr. 17, 2019	Apr. 16, 2020
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Dec. 05, 2018	Dec. 04, 2019
Power Meter	Anritsu	ML2495A	1218007	Oct. 25, 2018	Oct. 24, 2019
Power Sensor	Anritsu	MA2411B	1207367	Oct. 25, 2018	Oct. 24, 2019
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Apr. 12, 2019	Apr. 11, 2020
AC POWER SOURCE	APC	AFC-500W	F312060012	Nov. 29, 2018	Nov. 28, 2019
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards.

47 CFR FCC Part 27 Subpart M
ANSI C63.4-2014
ANSI C63.26-2015
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01
FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Conducted emission	±2.715 dB
Radiated emission ≤ 1GHz	±3.41 dB
Radiated emission > 1GHz	±4.59 dB
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
RF conducted	TH01-WS	22°C / 64%	Aska Huang
Radiated Emissions	03CH01-WS	25°C / 67%	Aska Huang

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

LTE Band 41 / CDD			
Test item	**Channel Bandwidth**	**Modulation**	**Test channel (MHz)**
Output Power Conducted Emissions Occupied Bandwidth	5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM	2498.5 / 2593.0 / 2687.5 2501.0 / 2593.0 / 2685.0 2503.5 / 2593.0 / 2682.5 2506.0 / 2593.0 / 2680.0
Radiated Emission ≤ 1GHz	5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK	2593.0 2593.0 2593.0 2593.0
Radiated Emission > 1GHz	5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK	2498.5 / 2593.0 / 2687.5 2501.0 / 2593.0 / 2685.0 2503.5 / 2593.0 / 2682.5 2506.0 / 2593.0 / 2680.0
Band Edge	5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM QPSK / 16QAM / 64QAM	2498.5 / 2687.5 2501.0 / 2685.0 2503.5 / 2682.5 2506.0 / 2680.0
Frequency Stability	5 MHz 10 MHz 15 MHz 20 MHz	Un-modulation	2593.0 2593.0 2593.0 2593.0
NOTE: Two RJ45 cables (Ekson & TUNG-LI) had been covered during the pretest and found that **TUNG-LI** RJ45 cable was the worst case and was selected for final testing.			

LTE Band 41 / Non Contiguous CA			
Test item	**Channel Bandwidth**	**Modulation**	**Test channel (MHz)**
Output Power Conducted Emissions Occupied Bandwidth Band Edge Frequency Stability *Radiated Emission	5MHz+5MHz 5MHz+10MHz 5MHz+15MHz 5MHz+20MHz 10MHz+5MHz 10MHz+10MHz 10MHz+15MHz 10MHz+20MHz 15MHz+5MHz 15MHz+10MHz 15MHz+15MHz 15MHz+20MHz 20MHz+5MHz 20MHz+10MHz 20MHz+15MHz 20MHz+20MHz	QPSK / 16QAM / 64QAM	2498.5 + 2687.5 2498.5 + 2685 2498.5 + 2682.5 2498.5 + 2680 2501 + 2687.5 2501 + 2685 2501 + 2682.5 2501 + 2680 2503.5 + 2687.5 2503.5 + 2685 2503.5 + 2682.5 2503.5 + 2680 2506 + 2687.5 2506 + 2685 2506 + 2682.5 2506 + 2680
Radiated Emission	5MHz+5MHz 5MHz+10MHz 5MHz+15MHz 5MHz+20MHz 10MHz+5MHz 10MHz+10MHz 10MHz+15MHz 10MHz+20MHz 15MHz+5MHz 15MHz+10MHz 15MHz+15MHz 15MHz+20MHz 20MHz+5MHz 20MHz+10MHz 20MHz+15MHz 20MHz+20MHz	QPSK	2498.5 + 2687.5 2498.5 + 2685 2498.5 + 2682.5 2498.5 + 2680 2501 + 2687.5 2501 + 2685 2501 + 2682.5 2501 + 2680 2503.5 + 2687.5 2503.5 + 2685 2503.5 + 2682.5 2503.5 + 2680 2506 + 2687.5 2506 + 2685 2506 + 2682.5 2506 + 2680
NOTE: Two RJ45 cables (Ekson & TUNG-LI) had been covered during the pretest and found that **TUNG-LI** RJ45 cable was the worst case and was selected for final testing.			

LTE Band 41 / Contiguous CA			
Test item	**Channel Bandwidth**	**Modulation**	**Test channel (MHz)**
Output Power Conducted Emissions Occupied Bandwidth Band Edge Frequency Stability	5MHz+20MHz	QPSK / 16QAM / 64QAM	Low: 2499.3 + 2511 Mid: 2583.8 + 2595.5 High: 2668.3 + 2680
	10MHz+15MHz		Low: 2501.3 + 2513.3 Mid: 2585.9 + 2597.9 High: 2670.5 + 2682.5
	10MHz+20MHz		Low: 2501.5 + 2515.9 Mid: 2583.6 + 2598 High: 2665.6 + 2680
	15MHz+10MHz		Low: 2503.5 + 2515.5 Mid: 2588.1 + 2600.1 High: 2672.7 + 2684.7
	15MHz+15MHz		Low: 2503.5 + 2518.5 Mid: 2585.5 + 2600.5 High: 2667.5 + 2682.5
	15MHz+20MHz		Low: 2503.8 + 2520.9 Mid: 2583.3 + 2600.4 High: 2662.9 + 2680
	20MHz+5MHz		Low: 2506 + 2517.7 Mid: 2590.5 + 2602.2 High: 2675 + 2686.7
	20MHz+10MHz		Low: 2506 + 2520.4 Mid: 2588.1 + 2602.5 High: 2670.1 + 2684.5
	20MHz+15MHz		Low: 2506 + 2523.1 Mid: 2585.6 + 2602.7 High: 2665.1 + 2682.2
	20MHz+20MHz		Low: 2506 + 2525.8 Mid: 2583.1 + 2602.9 High: 2660.2 + 2680
Radiated Emission	5MHz+20MHz	QPSK	Low: 2499.3 + 2511 Mid: 2583.8 + 2595.5 High: 2668.3 + 2680
	10MHz+15MHz		Low: 2501.3 + 2513.3 Mid: 2585.9 + 2597.9 High: 2670.5 + 2682.5
	10MHz+20MHz		Low: 2501.5 + 2515.9 Mid: 2583.6 + 2598 High: 2665.6 + 2680
	15MHz+10MHz		Low: 2503.5 + 2515.5 Mid: 2588.1 + 2600.1 High: 2672.7 + 2684.7
	15MHz+15MHz		Low: 2503.5 + 2518.5 Mid: 2585.5 + 2600.5 High: 2667.5 + 2682.5
	15MHz+20MHz		Low: 2503.8 + 2520.9 Mid: 2583.3 + 2600.4 High: 2662.9 + 2680
	20MHz+5MHz		Low: 2506 + 2517.7 Mid: 2590.5 + 2602.2

			High: 2675 + 2686.7
	20MHz+10MHz		Low: 2506 + 2520.4 Mid: 2588.1 + 2602.5 High: 2670.1 + 2684.5
	20MHz+15MHz		Low: 2506 + 2523.1 Mid: 2585.6 + 2602.7 High: 2665.1 + 2682.2
	20MHz+20MHz		Low: 2506 + 2525.8 Mid: 2583.1 + 2602.9 High: 2660.2 + 2680

NOTE:
1. Two RJ45 cables (Ekson & TUNG-LI) had been covered during the pretest and found that **TUNG-LI** RJ45 cable was the worst case and was selected for final testing.
2. For Radiated Emission below 1GHz test, Middle channel combination was the final test.

3 Test Results

3.1 Output Power

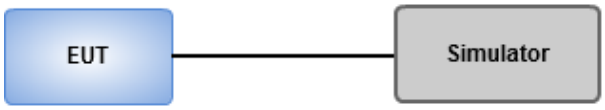
3.1.1 Limit of Output Power

All user stations are limited to 2.0 watts transmitter output power.

3.1.2 Test Procedures

1. The EUT links up with simulator and is set to maximum output power level at low / middel / high channel.
2. Measure the output power of low / middle / high channel of the EUT.
3. Determine the EIRP by adding the effective antenna gain to the adjusted power level.

3.1.3 Test Setup



3.1.4 Duty Cycle and Duty Factor (CDD Mode)

	Mode	Duty Cycle (%)	Duty Factor (dB)
Duty Cycle and Duty Factor	QPSK	41.02%	3.87
	16QAM	41.02%	3.87
	64QAM	41.02%	3.87

3.1.5 Duty Cycle and Duty Factor (CA Mode)

	Mode	Duty Cycle (%)	Duty Factor (dB)
Duty Cycle and Duty Factor	QPSK	41.20%	3.85
	16QAM	41.20%	3.85
	64QAM	41.20%	3.85

3.1.6 Test Result of EIRP (CDD Mode)

Single-carrier
Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 41	-	-	-	-
LTE_5MHz_Nss1,QPSK_2TX	25.77	0.378	38.27	6.71429
LTE_5MHz_Nss1,16QAM_2TX	24.87	0.307	37.37	5.45758
LTE_5MHz_Nss1,64QAM_2TX	23.73	0.236	36.23	4.19759
LTE_10MHz_Nss1,QPSK_2TX	26.25	0.421	38.75	7.49894
LTE_10MHz_Nss1,16QAM_2TX	25.22	0.333	37.72	5.91562
LTE_10MHz_Nss1,64QAM_2TX	24.42	0.277	36.92	4.92040
LTE_15MHz_Nss1,QPSK_2TX	25.98	0.396	38.48	7.04693
LTE_15MHz_Nss1,16QAM_2TX	24.90	0.309	37.40	5.49541
LTE_15MHz_Nss1,64QAM_2TX	24.02	0.252	36.52	4.48745
LTE_20MHz_Nss1,QPSK_2TX	26.12	0.409	38.62	7.27780
LTE_20MHz_Nss1,16QAM_2TX	25.07	0.321	37.57	5.71479
LTE_20MHz_Nss1,64QAM_2TX	24.09	0.256	36.59	4.56037

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
Band 41_LTE_5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2498.5MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.14	5.17607	Inf	24.64	0.291	2	21.57	21.68
2498.5MHz_QPSK_RB 1,#RB 12	Pass	12.50	37.23	5.28445	Inf	24.73	0.297	2	21.56	21.88
2498.5MHz_QPSK_RB 1,#RB 24	Pass	12.50	37.49	5.61048	Inf	24.99	0.316	2	21.84	22.12
2498.5MHz_QPSK_RB 12,#RB 0	Pass	12.50	36.64	4.61318	Inf	24.14	0.259	2	21.04	21.21
2498.5MHz_QPSK_RB 12,#RB 7	Pass	12.50	36.42	4.38531	Inf	23.92	0.246	2	20.78	21.03
2498.5MHz_QPSK_RB 12,#RB 13	Pass	12.50	36.25	4.21697	Inf	23.75	0.237	2	20.73	20.74
2498.5MHz_QPSK_RB 25,#RB 0	Pass	12.50	36.34	4.30527	Inf	23.84	0.242	2	20.72	20.94
2593MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.00	6.30957	Inf	25.50	0.355	2	22.45	22.53
2593MHz_QPSK_RB 1,#RB 12	Pass	12.50	38.00	6.30957	Inf	25.50	0.355	2	22.52	22.46
2593MHz_QPSK_RB 1,#RB 24	Pass	12.50	38.27	6.71429	Inf	25.77	0.378	2	22.77	22.75
2593MHz_QPSK_RB 12,#RB 0	Pass	12.50	37.30	5.37032	Inf	24.80	0.302	2	21.21	22.3
2593MHz_QPSK_RB 12,#RB 7	Pass	12.50	37.49	5.61048	Inf	24.99	0.315	2	21.94	22.01
2593MHz_QPSK_RB 12,#RB 13	Pass	12.50	37.24	5.29663	Inf	24.74	0.298	2	21.71	21.75
2593MHz_QPSK_RB 25,#RB 0	Pass	12.50	37.30	5.37032	Inf	24.80	0.302	2	21.75	21.82
2687.5MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.65	5.82103	Inf	25.15	0.327	2	21.92	22.35
2687.5MHz_QPSK_RB 1,#RB 12	Pass	12.50	37.48	5.59758	Inf	24.98	0.315	2	21.91	22.03
2687.5MHz_QPSK_RB 1,#RB 24	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	21.93	22.43
2687.5MHz_QPSK_RB 12,#RB 0	Pass	12.50	37.13	5.16416	Inf	24.63	0.291	2	21.49	21.75
2687.5MHz_QPSK_RB 12,#RB 7	Pass	12.50	36.64	4.61318	Inf	24.14	0.259	2	21.05	21.21
2687.5MHz_QPSK_RB 12,#RB 13	Pass	12.50	36.52	4.48745	Inf	24.02	0.252	2	20.88	21.14
2687.5MHz_QPSK_RB 25,#RB 0	Pass	12.50	36.56	4.52898	Inf	24.06	0.255	2	20.87	21.22
2498.5MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.30	4.26580	Inf	23.80	0.240	2	20.75	20.83
2498.5MHz_16QAM_RB 1,#RB 12	Pass	12.50	36.34	4.30527	Inf	23.84	0.242	2	20.73	20.93
2498.5MHz_16QAM_RB 1,#RB 24	Pass	12.50	36.65	4.62381	Inf	24.15	0.260	2	21.03	21.25
2498.5MHz_16QAM_RB 12,#RB 0	Pass	12.50	35.63	3.65595	Inf	23.13	0.205	2	20.05	20.18
2498.5MHz_16QAM_RB 12,#RB 7	Pass	12.50	35.48	3.53183	Inf	22.98	0.198	2	19.85	20.08
2498.5MHz_16QAM_RB 12,#RB 13	Pass	12.50	35.41	3.47536	Inf	22.91	0.196	2	19.75	20.05
2498.5MHz_16QAM_RB 25,#RB 0	Pass	12.50	35.40	3.46737	Inf	22.90	0.195	2	19.77	20.01
2593MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.11	5.14044	Inf	24.61	0.289	2	21.56	21.63
2593MHz_16QAM_RB 1,#RB 12	Pass	12.50	37.03	5.04661	Inf	24.53	0.284	2	21.59	21.45
2593MHz_16QAM_RB 1,#RB 24	Pass	12.50	37.37	5.45758	Inf	24.87	0.307	2	21.85	21.86
2593MHz_16QAM_RB 12,#RB 0	Pass	12.50	36.73	4.70977	Inf	24.23	0.265	2	21.22	21.21
2593MHz_16QAM_RB 12,#RB 7	Pass	12.50	36.45	4.41570	Inf	23.95	0.248	2	20.95	20.92
2593MHz_16QAM_RB 12,#RB 13	Pass	12.50	36.19	4.15911	Inf	23.69	0.234	2	20.73	20.62
2593MHz_16QAM_RB 25,#RB 0	Pass	12.50	36.35	4.31519	Inf	23.85	0.242	2	20.85	20.82
2687.5MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.82	4.80839	Inf	24.32	0.270	2	21.25	21.36

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2687.5MHz_16QAM_RB 1,#RB 12	Pass	12.50	36.54	4.50817	Inf	24.04	0.254	2	20.98	21.08
2687.5MHz_16QAM_RB 1,#RB 24	Pass	12.50	36.77	4.75335	Inf	24.27	0.267	2	21.03	21.48
2687.5MHz_16QAM_RB 12,#RB 0	Pass	12.50	36.06	4.03645	Inf	23.56	0.227	2	20.35	20.75
2687.5MHz_16QAM_RB 12,#RB 7	Pass	12.50	35.53	3.57273	Inf	23.03	0.201	2	19.88	20.15
2687.5MHz_16QAM_RB 12,#RB 13	Pass	12.50	35.41	3.47536	Inf	22.91	0.195	2	19.65	20.13
2687.5MHz_16QAM_RB 25,#RB 0	Pass	12.50	35.55	3.58922	Inf	23.05	0.202	2	19.82	20.25
2498.5MHz_64QAM_RB 1,#RB 0	Pass	12.50	35.17	3.28852	Inf	22.67	0.185	2	19.56	19.75
2498.5MHz_64QAM_RB 1,#RB 12	Pass	12.50	35.21	3.31894	Inf	22.71	0.187	2	19.56	19.83
2498.5MHz_64QAM_RB 1,#RB 24	Pass	12.50	35.57	3.60579	Inf	23.07	0.203	2	20.01	20.11
2498.5MHz_64QAM_RB 12,#RB 0	Pass	12.50	34.66	2.92415	Inf	22.16	0.164	2	19.05	19.25
2498.5MHz_64QAM_RB 12,#RB 7	Pass	12.50	34.55	2.85102	Inf	22.05	0.160	2	19.03	19.05
2498.5MHz_64QAM_RB 12,#RB 13	Pass	12.50	34.56	2.85759	Inf	22.06	0.161	2	19.01	19.08
2498.5MHz_64QAM_RB 25,#RB 0	Pass	12.50	34.55	2.85102	Inf	22.05	0.160	2	19.02	19.06
2593MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.05	4.02717	Inf	23.55	0.226	2	20.53	20.55
2593MHz_64QAM_RB 1,#RB 12	Pass	12.50	36.23	4.19759	Inf	23.73	0.236	2	20.68	20.75
2593MHz_64QAM_RB 1,#RB 24	Pass	12.50	36.21	4.17830	Inf	23.71	0.235	2	20.94	20.45
2593MHz_64QAM_RB 12,#RB 0	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.41	20.38
2593MHz_64QAM_RB 12,#RB 7	Pass	12.50	35.67	3.68978	Inf	23.17	0.207	2	20.19	20.12
2593MHz_64QAM_RB 12,#RB 13	Pass	12.50	35.39	3.45939	Inf	22.89	0.194	2	19.89	19.86
2593MHz_64QAM_RB 25,#RB 0	Pass	12.50	35.39	3.45939	Inf	22.89	0.194	2	19.91	19.84
2687.5MHz_64QAM_RB 1,#RB 0	Pass	12.50	35.61	3.63915	Inf	23.11	0.205	2	19.84	20.34
2687.5MHz_64QAM_RB 1,#RB 12	Pass	12.50	35.45	3.50752	Inf	22.95	0.197	2	19.71	20.15
2687.5MHz_64QAM_RB 1,#RB 24	Pass	12.50	35.63	3.65595	Inf	23.13	0.206	2	19.85	20.38
2687.5MHz_64QAM_RB 12,#RB 0	Pass	12.50	35.05	3.19890	Inf	22.55	0.180	2	19.35	19.72
2687.5MHz_64QAM_RB 12,#RB 7	Pass	12.50	34.62	2.89734	Inf	22.12	0.163	2	19.01	19.21
2687.5MHz_64QAM_RB 12,#RB 13	Pass	12.50	34.61	2.89068	Inf	22.11	0.163	2	19.02	19.18
2687.5MHz_64QAM_RB 25,#RB 0	Pass	12.50	34.61	2.89068	Inf	22.11	0.163	2	19.04	19.16
Band 41_LTE_10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2501MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	22.04	22.34
2501MHz_QPSK_RB 1,#RB 25	Pass	12.50	37.35	5.43250	Inf	24.85	0.306	2	21.8	21.88
2501MHz_QPSK_RB 1,#RB 49	Pass	12.50	38.16	6.54636	Inf	25.66	0.368	2	22.64	22.65
2501MHz_QPSK_RB 25,#RB 0	Pass	12.50	36.69	4.66659	Inf	24.19	0.262	2	21.18	21.18
2501MHz_QPSK_RB 25,#RB 12	Pass	12.50	36.69	4.66659	Inf	24.19	0.262	2	21.2	21.15
2501MHz_QPSK_RB 25,#RB 25	Pass	12.50	36.91	4.90908	Inf	24.41	0.276	2	21.39	21.41
2501MHz_QPSK_RB 50,#RB 0	Pass	12.50	36.81	4.79733	Inf	24.31	0.269	2	21.26	21.33
2593MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.57	7.19449	Inf	26.07	0.404	2	23.08	23.03
2593MHz_QPSK_RB 1,#RB 25	Pass	12.50	38.00	6.30957	Inf	25.50	0.355	2	22.57	22.41
2593MHz_QPSK_RB 1,#RB 49	Pass	12.50	38.75	7.49894	Inf	26.25	0.421	2	23.31	23.16

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2593MHz_QPSK_RB 25,#RB 0	Pass	12.50	37.36	5.44503	Inf	24.86	0.306	2	21.84	21.85
2593MHz_QPSK_RB 25,#RB 12	Pass	12.50	37.31	5.38270	Inf	24.81	0.302	2	21.81	21.78
2593MHz_QPSK_RB 25,#RB 25	Pass	12.50	37.46	5.57186	Inf	24.96	0.313	2	21.93	21.96
2593MHz_QPSK_RB 50,#RB 0	Pass	12.50	37.46	5.57186	Inf	24.96	0.313	2	21.94	21.96
2685MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	22.09	22.47
2685MHz_QPSK_RB 1,#RB 25	Pass	12.50	37.85	6.09537	Inf	25.35	0.343	2	22.24	22.44
2685MHz_QPSK_RB 1,#RB 49	Pass	12.50	38.12	6.48634	Inf	25.62	0.365	2	22.4	22.81
2685MHz_QPSK_RB 25,#RB 0	Pass	12.50	36.98	4.98884	Inf	24.48	0.281	2	21.37	21.57
2685MHz_QPSK_RB 25,#RB 12	Pass	12.50	37.12	5.15229	Inf	24.62	0.290	2	21.45	21.77
2685MHz_QPSK_RB 25,#RB 25	Pass	12.50	36.98	4.98884	Inf	24.48	0.281	2	21.37	21.57
2685MHz_QPSK_RB 50,#RB 0	Pass	12.50	37.01	5.02343	Inf	24.51	0.282	2	21.34	21.65
2501MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.78	4.76431	Inf	24.28	0.268	2	21.15	21.39
2501MHz_16QAM_RB 1,#RB 25	Pass	12.50	36.39	4.35512	Inf	23.89	0.245	2	20.85	20.91
2501MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.12	5.15229	Inf	24.62	0.290	2	21.6	21.62
2501MHz_16QAM_RB 25,#RB 0	Pass	12.50	35.67	3.68978	Inf	23.17	0.207	2	20.11	20.2
2501MHz_16QAM_RB 25,#RB 12	Pass	12.50	35.68	3.69828	Inf	23.18	0.208	2	20.13	20.2
2501MHz_16QAM_RB 25,#RB 25	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.31	20.48
2501MHz_16QAM_RB 50,#RB 0	Pass	12.50	35.80	3.80189	Inf	23.30	0.214	2	20.25	20.32
2593MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.52	5.64937	Inf	25.02	0.317	2	22	22.01
2593MHz_16QAM_RB 1,#RB 25	Pass	12.50	37.07	5.09331	Inf	24.57	0.286	2	21.66	21.45
2593MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.72	5.91562	Inf	25.22	0.333	2	22.31	22.11
2593MHz_16QAM_RB 25,#RB 0	Pass	12.50	36.31	4.27563	Inf	23.81	0.240	2	20.85	20.74
2593MHz_16QAM_RB 25,#RB 12	Pass	12.50	36.28	4.24620	Inf	23.78	0.239	2	20.82	20.71
2593MHz_16QAM_RB 25,#RB 25	Pass	12.50	36.47	4.43609	Inf	23.97	0.249	2	20.95	20.97
2593MHz_16QAM_RB 50,#RB 0	Pass	12.50	36.45	4.41570	Inf	23.95	0.248	2	20.94	20.93
2685MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.85	4.84172	Inf	24.35	0.272	2	21.16	21.51
2685MHz_16QAM_RB 1,#RB 25	Pass	12.50	36.85	4.84172	Inf	24.35	0.272	2	21.21	21.47
2685MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.01	5.02343	Inf	24.51	0.283	2	21.38	21.62
2685MHz_16QAM_RB 25,#RB 0	Pass	12.50	35.85	3.84592	Inf	23.35	0.216	2	20.14	20.53
2685MHz_16QAM_RB 25,#RB 12	Pass	12.50	36.08	4.05509	Inf	23.58	0.228	2	20.35	20.78
2685MHz_16QAM_RB 25,#RB 25	Pass	12.50	35.94	3.92645	Inf	23.44	0.221	2	20.23	20.63
2685MHz_16QAM_RB 50,#RB 0	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.16	20.63
2501MHz_64QAM_RB 1,#RB 0	Pass	12.50	35.85	3.84592	Inf	23.35	0.216	2	20.24	20.43
2501MHz_64QAM_RB 1,#RB 25	Pass	12.50	35.53	3.57273	Inf	23.03	0.201	2	19.96	20.07
2501MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.20	4.16869	Inf	23.70	0.234	2	20.66	20.72
2501MHz_64QAM_RB 25,#RB 0	Pass	12.50	34.59	2.87740	Inf	22.09	0.162	2	19	19.15
2501MHz_64QAM_RB 25,#RB 12	Pass	12.50	34.61	2.89068	Inf	22.11	0.162	2	19.05	19.14
2501MHz_64QAM_RB 25,#RB 25	Pass	12.50	34.81	3.02691	Inf	22.31	0.170	2	19.22	19.37

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2501MHz_64QAM_RB 50,#RB 0	Pass	12.50	34.75	2.98538	Inf	22.25	0.168	2	19.19	19.28
2593MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.70	4.67735	Inf	24.20	0.263	2	21.08	21.3
2593MHz_64QAM_RB 1,#RB 25	Pass	12.50	36.16	4.13048	Inf	23.66	0.232	2	20.75	20.55
2593MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.92	4.92040	Inf	24.42	0.276	2	21.44	21.37
2593MHz_64QAM_RB 25,#RB 0	Pass	12.50	35.41	3.47536	Inf	22.91	0.195	2	19.91	19.88
2593MHz_64QAM_RB 25,#RB 12	Pass	12.50	35.36	3.43558	Inf	22.86	0.193	2	19.87	19.83
2593MHz_64QAM_RB 25,#RB 25	Pass	12.50	35.52	3.56451	Inf	23.02	0.200	2	19.97	20.04
2593MHz_64QAM_RB 50,#RB 0	Pass	12.50	35.53	3.57273	Inf	23.03	0.201	2	20.02	20.01
2685MHz_64QAM_RB 1,#RB 0	Pass	12.50	35.87	3.86367	Inf	23.37	0.217	2	20.11	20.59
2685MHz_64QAM_RB 1,#RB 25	Pass	12.50	35.92	3.90841	Inf	23.42	0.220	2	20.27	20.54
2685MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.16	4.13048	Inf	23.66	0.232	2	20.4	20.89
2685MHz_64QAM_RB 25,#RB 0	Pass	12.50	35.06	3.20627	Inf	22.56	0.180	2	19.36	19.74
2685MHz_64QAM_RB 25,#RB 12	Pass	12.50	35.06	3.20627	Inf	22.56	0.180	2	19.36	19.74
2685MHz_64QAM_RB 25,#RB 25	Pass	12.50	34.92	3.10456	Inf	22.42	0.174	2	19.26	19.55
2685MHz_64QAM_RB 50,#RB 0	Pass	12.50	34.92	3.10456	Inf	22.42	0.175	2	19.24	19.57
Band 41_LTE_15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2503.5MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.67	5.84790	Inf	25.17	0.329	2	22.05	22.26
2503.5MHz_QPSK_RB 1,#RB 37	Pass	12.50	37.91	6.18016	Inf	25.41	0.348	2	22.27	22.53
2503.5MHz_QPSK_RB 1,#RB 74	Pass	12.50	38.05	6.38263	Inf	25.55	0.359	2	22.3	22.76
2503.5MHz_QPSK_RB 36,#RB 0	Pass	12.50	36.54	4.50817	Inf	24.04	0.254	2	20.84	21.22
2503.5MHz_QPSK_RB 36,#RB 20	Pass	12.50	36.83	4.81948	Inf	24.33	0.271	2	21.21	21.43
2503.5MHz_QPSK_RB 36,#RB 39	Pass	12.50	36.70	4.67735	Inf	24.20	0.263	2	21.09	21.29
2503.5MHz_QPSK_RB 75,#RB 0	Pass	12.50	36.67	4.64515	Inf	24.17	0.261	2	21.09	21.23
2593MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.18	6.57658	Inf	25.68	0.370	2	22.61	22.73
2593MHz_QPSK_RB 1,#RB 37	Pass	12.50	38.11	6.47143	Inf	25.61	0.364	2	22.56	22.64
2593MHz_QPSK_RB 1,#RB 74	Pass	12.50	38.48	7.04693	Inf	25.98	0.396	2	22.91	23.03
2593MHz_QPSK_RB 36,#RB 0	Pass	12.50	37.23	5.28445	Inf	24.73	0.297	2	21.58	21.86
2593MHz_QPSK_RB 36,#RB 20	Pass	12.50	37.35	5.43250	Inf	24.85	0.305	2	21.72	21.95
2593MHz_QPSK_RB 36,#RB 39	Pass	12.50	37.36	5.44503	Inf	24.86	0.306	2	21.79	21.91
2593MHz_QPSK_RB 75,#RB 0	Pass	12.50	37.34	5.42001	Inf	24.84	0.305	2	21.72	21.94
2682.5MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.14	6.51628	Inf	25.64	0.367	2	22.37	22.88
2682.5MHz_QPSK_RB 1,#RB 37	Pass	12.50	38.20	6.60693	Inf	25.70	0.371	2	22.45	22.91
2682.5MHz_QPSK_RB 1,#RB 74	Pass	12.50	38.12	6.48634	Inf	25.62	0.365	2	22.46	22.76
2682.5MHz_QPSK_RB 36,#RB 0	Pass	12.50	36.74	4.72063	Inf	24.24	0.265	2	21.03	21.42
2682.5MHz_QPSK_RB 36,#RB 20	Pass	12.50	36.91	4.90908	Inf	24.41	0.276	2	21.14	21.64
2682.5MHz_QPSK_RB 36,#RB 39	Pass	12.50	36.84	4.83059	Inf	24.34	0.271	2	21.1	21.54
2682.5MHz_QPSK_RB 75,#RB 0	Pass	12.50	36.80	4.78630	Inf	24.30	0.269	2	21.03	21.53
2503.5MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.78	4.76431	Inf	24.28	0.268	2	21.11	21.42

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2503.5MHz_16QAM_RB 1,#RB 37	Pass	12.50	37.05	5.06991	Inf	24.55	0.285	2	21.42	21.65
2503.5MHz_16QAM_RB 1,#RB 74	Pass	12.50	37.22	5.27230	Inf	24.72	0.297	2	21.43	21.98
2503.5MHz_16QAM_RB 36,#RB 0	Pass	12.50	35.62	3.64754	Inf	23.12	0.205	2	19.93	20.29
2503.5MHz_16QAM_RB 36,#RB 20	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.27	20.52
2503.5MHz_16QAM_RB 36,#RB 39	Pass	12.50	35.76	3.76704	Inf	23.26	0.212	2	20.14	20.36
2503.5MHz_16QAM_RB 75,#RB 0	Pass	12.50	35.70	3.71535	Inf	23.20	0.209	2	20.14	20.24
2593MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.27	5.33335	Inf	24.77	0.300	2	21.64	21.87
2593MHz_16QAM_RB 1,#RB 37	Pass	12.50	37.26	5.32108	Inf	24.76	0.299	2	21.68	21.81
2593MHz_16QAM_RB 1,#RB 74	Pass	12.50	37.40	5.49541	Inf	24.90	0.309	2	21.92	21.86
2593MHz_16QAM_RB 36,#RB 0	Pass	12.50	36.27	4.23643	Inf	23.77	0.238	2	20.68	20.84
2593MHz_16QAM_RB 36,#RB 20	Pass	12.50	36.40	4.36516	Inf	23.90	0.245	2	20.84	20.93
2593MHz_16QAM_RB 36,#RB 39	Pass	12.50	36.47	4.43609	Inf	23.97	0.249	2	20.91	21.01
2593MHz_16QAM_RB 75,#RB 0	Pass	12.50	36.44	4.40555	Inf	23.94	0.248	2	20.84	21.01
2682.5MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.27	5.33335	Inf	24.77	0.300	2	21.57	21.95
2682.5MHz_16QAM_RB 1,#RB 37	Pass	12.50	37.32	5.39511	Inf	24.82	0.303	2	21.58	22.02
2682.5MHz_16QAM_RB 1,#RB 74	Pass	12.50	37.34	5.42001	Inf	24.84	0.305	2	21.53	22.11
2682.5MHz_16QAM_RB 36,#RB 0	Pass	12.50	35.69	3.70681	Inf	23.19	0.208	2	19.88	20.46
2682.5MHz_16QAM_RB 36,#RB 20	Pass	12.50	35.89	3.88150	Inf	23.39	0.218	2	20.05	20.69
2682.5MHz_16QAM_RB 36,#RB 39	Pass	12.50	35.82	3.81944	Inf	23.32	0.215	2	20.02	20.59
2682.5MHz_16QAM_RB 75,#RB 0	Pass	12.50	35.75	3.75837	Inf	23.25	0.211	2	19.89	20.56
2503.5MHz_64QAM_RB 1,#RB 0	Pass	12.50	35.76	3.76704	Inf	23.26	0.212	2	20.16	20.34
2503.5MHz_64QAM_RB 1,#RB 37	Pass	12.50	35.99	3.97192	Inf	23.49	0.223	2	20.34	20.61
2503.5MHz_64QAM_RB 1,#RB 74	Pass	12.50	36.28	4.24620	Inf	23.78	0.239	2	20.37	21.14
2503.5MHz_64QAM_RB 36,#RB 0	Pass	12.50	34.66	2.92415	Inf	22.16	0.164	2	19.08	19.22
2503.5MHz_64QAM_RB 36,#RB 20	Pass	12.50	34.76	2.99226	Inf	22.26	0.168	2	19.16	19.34
2503.5MHz_64QAM_RB 36,#RB 39	Pass	12.50	34.70	2.95121	Inf	22.20	0.166	2	19.12	19.26
2503.5MHz_64QAM_RB 75,#RB 0	Pass	12.50	34.59	2.87740	Inf	22.09	0.162	2	19.02	19.13
2593MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.26	4.22669	Inf	23.76	0.238	2	20.75	20.75
2593MHz_64QAM_RB 1,#RB 37	Pass	12.50	36.22	4.18794	Inf	23.72	0.235	2	20.75	20.66
2593MHz_64QAM_RB 1,#RB 74	Pass	12.50	36.52	4.48745	Inf	24.02	0.252	2	20.99	21.03
2593MHz_64QAM_RB 36,#RB 0	Pass	12.50	35.33	3.41193	Inf	22.83	0.192	2	19.82	19.81
2593MHz_64QAM_RB 36,#RB 20	Pass	12.50	35.36	3.43558	Inf	22.86	0.193	2	19.87	19.83
2593MHz_64QAM_RB 36,#RB 39	Pass	12.50	35.47	3.52371	Inf	22.97	0.198	2	20.01	19.9
2593MHz_64QAM_RB 75,#RB 0	Pass	12.50	35.41	3.47536	Inf	22.91	0.195	2	19.88	19.91
2682.5MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.11	4.08319	Inf	23.61	0.230	2	20.33	20.85
2682.5MHz_64QAM_RB 1,#RB 37	Pass	12.50	36.20	4.16869	Inf	23.70	0.235	2	20.53	20.85
2682.5MHz_64QAM_RB 1,#RB 74	Pass	12.50	36.22	4.18794	Inf	23.72	0.235	2	20.55	20.86
2682.5MHz_64QAM_RB 36,#RB 0	Pass	12.50	34.70	2.95121	Inf	22.20	0.166	2	19.01	19.37

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2682.5MHz_64QAM_RB 36,#RB 20	Pass	12.50	34.88	3.07610	Inf	22.38	0.173	2	19.07	19.65
2682.5MHz_64QAM_RB 36,#RB 39	Pass	12.50	34.80	3.01995	Inf	22.30	0.170	2	19.04	19.52
2682.5MHz_64QAM_RB 75,#RB 0	Pass	12.50	34.77	2.99916	Inf	22.27	0.169	2	19.03	19.48
Band 41_LTE_20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2506MHz_QPSK_RB 1,#RB 0	Pass	12.50	37.92	6.19441	Inf	25.42	0.348	2	22.32	22.49
2506MHz_QPSK_RB 1,#RB 49	Pass	12.50	37.92	6.19441	Inf	25.42	0.348	2	22.36	22.45
2506MHz_QPSK_RB 1,#RB 99	Pass	12.50	38.16	6.54636	Inf	25.66	0.368	2	22.53	22.77
2506MHz_QPSK_RB 50,#RB 0	Pass	12.50	36.88	4.87528	Inf	24.38	0.274	2	21.34	21.39
2506MHz_QPSK_RB 50,#RB 24	Pass	12.50	36.85	4.84172	Inf	24.35	0.272	2	21.36	21.31
2506MHz_QPSK_RB 50,#RB 50	Pass	12.50	36.93	4.93174	Inf	24.43	0.277	2	21.32	21.51
2506MHz_QPSK_RB 100,#RB 0	Pass	12.50	36.87	4.86407	Inf	24.37	0.273	2	21.3	21.41
2593MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.53	7.12853	Inf	26.03	0.401	2	23.03	23.01
2593MHz_QPSK_RB 1,#RB 49	Pass	12.50	38.52	7.11214	Inf	26.02	0.400	2	23.01	23
2593MHz_QPSK_RB 1,#RB 99	Pass	12.50	38.62	7.27780	Inf	26.12	0.409	2	23.05	23.16
2593MHz_QPSK_RB 50,#RB 0	Pass	12.50	37.36	5.44503	Inf	24.86	0.306	2	21.83	21.86
2593MHz_QPSK_RB 50,#RB 24	Pass	12.50	37.45	5.55904	Inf	24.95	0.312	2	21.91	21.96
2593MHz_QPSK_RB 50,#RB 50	Pass	12.50	37.49	5.61048	Inf	24.99	0.316	2	22.03	21.93
2593MHz_QPSK_RB 100,#RB 0	Pass	12.50	37.39	5.48277	Inf	24.89	0.308	2	21.92	21.83
2680MHz_QPSK_RB 1,#RB 0	Pass	12.50	38.37	6.87068	Inf	25.87	0.387	2	22.72	23
2680MHz_QPSK_RB 1,#RB 49	Pass	12.50	38.26	6.69885	Inf	25.76	0.377	2	22.57	22.93
2680MHz_QPSK_RB 1,#RB 99	Pass	12.50	38.44	6.98232	Inf	25.94	0.393	2	22.84	23.02
2680MHz_QPSK_RB 50,#RB 0	Pass	12.50	36.93	4.93174	Inf	24.43	0.277	2	21.31	21.52
2680MHz_QPSK_RB 50,#RB 24	Pass	12.50	36.93	4.93174	Inf	24.43	0.277	2	21.36	21.47
2680MHz_QPSK_RB 50,#RB 50	Pass	12.50	37.20	5.24807	Inf	24.70	0.295	2	21.49	21.88
2680MHz_QPSK_RB 100,#RB 0	Pass	12.50	37.02	5.03501	Inf	24.52	0.283	2	21.45	21.57
2506MHz_16QAM_RB 1,#RB 0	Pass	12.50	36.94	4.94311	Inf	24.44	0.278	2	21.34	21.51
2506MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.00	5.01187	Inf	24.50	0.282	2	21.54	21.44
2506MHz_16QAM_RB 1,#RB 99	Pass	12.50	37.19	5.23600	Inf	24.69	0.295	2	21.57	21.79
2506MHz_16QAM_RB 50,#RB 0	Pass	12.50	35.92	3.90841	Inf	23.42	0.220	2	20.44	20.38
2506MHz_16QAM_RB 50,#RB 24	Pass	12.50	35.95	3.93550	Inf	23.45	0.221	2	20.51	20.37
2506MHz_16QAM_RB 50,#RB 50	Pass	12.50	36.01	3.99025	Inf	23.51	0.224	2	20.46	20.53
2506MHz_16QAM_RB 100,#RB 0	Pass	12.50	35.93	3.91742	Inf	23.43	0.220	2	20.41	20.43
2593MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.37	5.45758	Inf	24.87	0.307	2	21.9	21.81
2593MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.19	5.23600	Inf	24.69	0.294	2	21.74	21.61
2593MHz_16QAM_RB 1,#RB 99	Pass	12.50	37.57	5.71479	Inf	25.07	0.321	2	22.25	21.86
2593MHz_16QAM_RB 50,#RB 0	Pass	12.50	36.40	4.36516	Inf	23.90	0.245	2	20.88	20.89
2593MHz_16QAM_RB 50,#RB 24	Pass	12.50	36.50	4.46684	Inf	24.00	0.251	2	21.01	20.97
2593MHz_16QAM_RB 50,#RB 50	Pass	12.50	36.55	4.51856	Inf	24.05	0.254	2	21.09	20.98

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)	Port 2 (dBm)
2593MHz_16QAM_RB 100,#RB 0	Pass	12.50	36.48	4.44631	Inf	23.98	0.250	2	21.04	20.89
2680MHz_16QAM_RB 1,#RB 0	Pass	12.50	37.38	5.47016	Inf	24.88	0.307	2	21.7	22.03
2680MHz_16QAM_RB 1,#RB 49	Pass	12.50	37.11	5.14044	Inf	24.61	0.289	2	21.48	21.71
2680MHz_16QAM_RB 1,#RB 99	Pass	12.50	37.52	5.64937	Inf	25.02	0.317	2	21.79	22.21
2680MHz_16QAM_RB 50,#RB 0	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.23	20.56
2680MHz_16QAM_RB 50,#RB 24	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.27	20.53
2680MHz_16QAM_RB 50,#RB 50	Pass	12.50	36.07	4.04576	Inf	23.57	0.227	2	20.41	20.7
2680MHz_16QAM_RB 100,#RB 0	Pass	12.50	35.96	3.94457	Inf	23.46	0.222	2	20.31	20.58
2506MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.05	4.02717	Inf	23.55	0.226	2	20.44	20.63
2506MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.16	4.13048	Inf	23.66	0.232	2	20.66	20.63
2506MHz_64QAM_RB 1,#RB 99	Pass	12.50	36.39	4.35512	Inf	23.89	0.245	2	20.78	20.97
2506MHz_64QAM_RB 50,#RB 0	Pass	12.50	34.87	3.06902	Inf	22.37	0.173	2	19.31	19.41
2506MHz_64QAM_RB 50,#RB 24	Pass	12.50	34.83	3.04089	Inf	22.33	0.171	2	19.33	19.31
2506MHz_64QAM_RB 50,#RB 50	Pass	12.50	34.90	3.09030	Inf	22.40	0.174	2	19.28	19.5
2506MHz_64QAM_RB 100,#RB 0	Pass	12.50	34.82	3.03389	Inf	22.32	0.171	2	19.26	19.36
2593MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.46	4.42588	Inf	23.96	0.249	2	20.92	20.97
2593MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.26	4.22669	Inf	23.76	0.237	2	20.83	20.66
2593MHz_64QAM_RB 1,#RB 99	Pass	12.50	36.59	4.56037	Inf	24.09	0.256	2	21.13	21.03
2593MHz_64QAM_RB 50,#RB 0	Pass	12.50	35.56	3.59749	Inf	23.06	0.202	2	20.09	20.01
2593MHz_64QAM_RB 50,#RB 24	Pass	12.50	35.44	3.49945	Inf	22.94	0.197	2	19.95	19.91
2593MHz_64QAM_RB 50,#RB 50	Pass	12.50	35.59	3.62243	Inf	23.09	0.204	2	20.16	19.99
2593MHz_64QAM_RB 100,#RB 0	Pass	12.50	35.47	3.52371	Inf	22.97	0.198	2	20.05	19.87
2680MHz_64QAM_RB 1,#RB 0	Pass	12.50	36.40	4.36516	Inf	23.90	0.245	2	20.7	21.07
2680MHz_64QAM_RB 1,#RB 49	Pass	12.50	36.30	4.26580	Inf	23.80	0.240	2	20.66	20.92
2680MHz_64QAM_RB 1,#RB 99	Pass	12.50	36.54	4.50817	Inf	24.04	0.254	2	20.93	21.13
2680MHz_64QAM_RB 50,#RB 0	Pass	12.50	34.94	3.11889	Inf	22.44	0.175	2	19.32	19.54
2680MHz_64QAM_RB 50,#RB 24	Pass	12.50	34.92	3.10456	Inf	22.42	0.174	2	19.35	19.46
2680MHz_64QAM_RB 50,#RB 50	Pass	12.50	35.16	3.28095	Inf	22.66	0.184	2	19.5	19.79
2680MHz_64QAM_RB 100,#RB 0	Pass	12.50	34.98	3.14775	Inf	22.48	0.177	2	19.39	19.55

DG = Directional Gain; **Port n** = Port n output power

3.1.7 Test Result of EIRP (Non Contiguous CA Mode)

Multi-carrier(Non Contiguous CA)
Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 41	-	-	-	-
LTE_5MHz+5MHz_Nss1,QPSK_2TX	25.18	0.330	37.68	5.86138
LTE_5MHz+5MHz_Nss1,16QAM_2TX	25.08	0.322	37.58	5.72796
LTE_5MHz+5MHz_Nss1,64QAM_2TX	25.08	0.322	37.58	5.72796
LTE_5MHz+10MHz_Nss1,QPSK_2TX	25.32	0.340	37.82	6.05341
LTE_5MHz+10MHz_Nss1,16QAM_2TX	25.23	0.333	37.73	5.92925
LTE_5MHz+10MHz_Nss1,64QAM_2TX	25.26	0.336	37.76	5.97035
LTE_5MHz+15MHz_Nss1,QPSK_2TX	25.34	0.342	37.84	6.08135
LTE_5MHz+15MHz_Nss1,16QAM_2TX	25.30	0.339	37.80	6.02560
LTE_5MHz+15MHz_Nss1,64QAM_2TX	25.24	0.334	37.74	5.94292
LTE_5MHz+20MHz_Nss1,QPSK_2TX	25.50	0.355	38.00	6.30957
LTE_5MHz+20MHz_Nss1,16QAM_2TX	25.30	0.339	37.80	6.02560
LTE_5MHz+20MHz_Nss1,64QAM_2TX	25.29	0.338	37.79	6.01174
LTE_10MHz+5MHz_Nss1,QPSK_2TX	25.39	0.346	37.89	6.15177
LTE_10MHz+5MHz_Nss1,16QAM_2TX	25.20	0.331	37.70	5.88844
LTE_10MHz+5MHz_Nss1,64QAM_2TX	25.25	0.335	37.75	5.95662
LTE_10MHz+10MHz_Nss1,QPSK_2TX	25.59	0.362	38.09	6.44169
LTE_10MHz+10MHz_Nss1,16QAM_2TX	25.37	0.344	37.87	6.12350
LTE_10MHz+10MHz_Nss1,64QAM_2TX	25.39	0.346	37.89	6.15177
LTE_10MHz+15MHz_Nss1,QPSK_2TX	25.59	0.362	38.09	6.44169
LTE_10MHz+15MHz_Nss1,16QAM_2TX	25.49	0.354	37.99	6.29506
LTE_10MHz+15MHz_Nss1,64QAM_2TX	25.46	0.352	37.96	6.25173
LTE_10MHz+20MHz_Nss1,QPSK_2TX	25.73	0.374	38.23	6.65273
LTE_10MHz+20MHz_Nss1,16QAM_2TX	25.58	0.361	38.08	6.42688
LTE_10MHz+20MHz_Nss1,64QAM_2TX	25.54	0.358	38.04	6.36796
LTE_15MHz+5MHz_Nss1,QPSK_2TX	25.31	0.340	37.81	6.03949
LTE_15MHz+5MHz_Nss1,16QAM_2TX	25.24	0.334	37.74	5.94292
LTE_15MHz+5MHz_Nss1,64QAM_2TX	25.19	0.330	37.69	5.87489
LTE_15MHz+10MHz_Nss1,QPSK_2TX	25.51	0.356	38.01	6.32412
LTE_15MHz+10MHz_Nss1,16QAM_2TX	25.41	0.348	37.91	6.18016
LTE_15MHz+10MHz_Nss1,64QAM_2TX	25.37	0.344	37.87	6.12350
LTE_15MHz+15MHz_Nss1,QPSK_2TX	25.51	0.356	38.01	6.32412
LTE_15MHz+15MHz_Nss1,16QAM_2TX	25.44	0.350	37.94	6.22300
LTE_15MHz+15MHz_Nss1,64QAM_2TX	25.41	0.348	37.91	6.18016
LTE_15MHz+20MHz_Nss1,QPSK_2TX	25.61	0.364	38.11	6.47143

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
LTE_15MHz+20MHz_Nss1,16QAM_2TX	25.43	0.349	37.93	6.20869
LTE_15MHz+20MHz_Nss1,64QAM_2TX	25.46	0.352	37.96	6.25173
LTE_20MHz+5MHz_Nss1,QPSK_2TX	25.51	0.356	38.01	6.32412
LTE_20MHz+5MHz_Nss1,16QAM_2TX	25.24	0.334	37.74	5.94292
LTE_20MHz+5MHz_Nss1,64QAM_2TX	25.25	0.335	37.75	5.95662
LTE_20MHz+10MHz_Nss1,QPSK_2TX	25.64	0.366	38.14	6.51628
LTE_20MHz+10MHz_Nss1,16QAM_2TX	25.52	0.356	38.02	6.33870
LTE_20MHz+10MHz_Nss1,64QAM_2TX	25.51	0.356	38.01	6.32412
LTE_20MHz+15MHz_Nss1,QPSK_2TX	25.71	0.372	38.21	6.62217
LTE_20MHz+15MHz_Nss1,16QAM_2TX	25.49	0.354	37.99	6.29506
LTE_20MHz+15MHz_Nss1,64QAM_2TX	25.54	0.358	38.04	6.36796
LTE_20MHz+20MHz_Nss1,QPSK_2TX	25.83	0.383	38.33	6.80769
LTE_20MHz+20MHz_Nss1,16QAM_2TX	25.69	0.371	38.19	6.59174
LTE_20MHz+20MHz_Nss1,64QAM_2TX	25.67	0.369	38.17	6.56145

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
Band 41_LTE_5MHz+5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2498.5MHz,#2687.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.68	5.86138	Inf	25.18	0.329	2	21.79	22.51
P#2498.5MHz,#2687.5MHz_QPSK_RB 25,#RB 0+RB 25,#RB 0	Pass	12.50	37.57	5.71479	Inf	25.07	0.321	2	21.71	22.38
P#2498.5MHz,#2687.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.46	5.57186	Inf	24.96	0.313	2	21.44	22.41
P#2498.5MHz,#2687.5MHz_16QAM_RB 25,#RB 0+RB 25,#RB 0	Pass	12.50	37.58	5.72796	Inf	25.08	0.322	2	21.65	22.45
P#2498.5MHz,#2687.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.46	5.57186	Inf	24.96	0.314	2	21.47	22.39
P#2498.5MHz,#2687.5MHz_64QAM_RB 25,#RB 0+RB 25,#RB 0	Pass	12.50	37.58	5.72796	Inf	25.08	0.322	2	21.7	22.41
Band 41_LTE_5MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2498.5MHz,#2685MHz_QPSK_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.82	6.05341	Inf	25.32	0.340	2	21.73	22.82
P#2498.5MHz,#2685MHz_QPSK_RB 25,#RB 0+RB 50,#RB 0	Pass	12.50	37.63	5.79429	Inf	25.13	0.326	2	21.44	22.7
P#2498.5MHz,#2685MHz_16QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.63	5.79429	Inf	25.13	0.326	2	21.35	22.77
P#2498.5MHz,#2685MHz_16QAM_RB 25,#RB 0+RB 50,#RB 0	Pass	12.50	37.73	5.92925	Inf	25.23	0.334	2	21.65	22.73
P#2498.5MHz,#2685MHz_64QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.67	5.84790	Inf	25.17	0.329	2	21.39	22.81
P#2498.5MHz,#2685MHz_64QAM_RB 25,#RB 0+RB 50,#RB 0	Pass	12.50	37.76	5.97035	Inf	25.26	0.336	2	21.69	22.74
Band 41_LTE_5MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2498.5MHz,#2682.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.84	6.08135	Inf	25.34	0.342	2	21.75	22.84
P#2498.5MHz,#2682.5MHz_QPSK_RB 25,#RB 0+RB 75,#RB 0	Pass	12.50	37.69	5.87489	Inf	25.19	0.330	2	21.71	22.6
P#2498.5MHz,#2682.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.80	6.02560	Inf	25.30	0.339	2	21.67	22.83
P#2498.5MHz,#2682.5MHz_16QAM_RB 25,#RB 0+RB 75,#RB 0	Pass	12.50	37.68	5.86138	Inf	25.18	0.330	2	21.64	22.64
P#2498.5MHz,#2682.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.74	5.94292	Inf	25.24	0.334	2	21.62	22.77
P#2498.5MHz,#2682.5MHz_64QAM_RB 25,#RB 0+RB 75,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	21.7	22.63
Band 41_LTE_5MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2498.5MHz,#2680MHz_QPSK_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.00	6.30957	Inf	25.50	0.355	2	21.83	23.07
P#2498.5MHz,#2680MHz_QPSK_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	37.69	5.87489	Inf	25.19	0.330	2	21.82	22.51
P#2498.5MHz,#2680MHz_16QAM_RB 1,#RB	Pass	12.50	37.80	6.02560	Inf	25.30	0.339	2	21.45	22.99

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
0+RB 1,#RB 99										
P#2498.5MHz,#2680MHz_16QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	37.71	5.90201	Inf	25.21	0.332	2	21.73	22.62
P#2498.5MHz,#2680MHz_64QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	21.43	22.99
P#2498.5MHz,#2680MHz_64QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	37.72	5.91562	Inf	25.22	0.333	2	21.71	22.66
Band 41_LTE_10MHz+5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2501MHz,#2687.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.89	6.15177	Inf	25.39	0.346	2	22.23	22.52
P#2501MHz,#2687.5MHz_QPSK_RB 50,#RB 0+RB 25,#RB 0	Pass	12.50	37.78	5.99791	Inf	25.28	0.337	2	22.06	22.47
P#2501MHz,#2687.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.52	5.64937	Inf	25.02	0.318	2	21.7	22.3
P#2501MHz,#2687.5MHz_16QAM_RB 50,#RB 0+RB 25,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	21.99	22.38
P#2501MHz,#2687.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.60	5.75440	Inf	25.10	0.324	2	21.82	22.35
P#2501MHz,#2687.5MHz_64QAM_RB 50,#RB 0+RB 25,#RB 0	Pass	12.50	37.75	5.95662	Inf	25.25	0.335	2	21.98	22.49
Band 41_LTE_10MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2501MHz,#2685MHz_QPSK_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	38.09	6.44169	Inf	25.59	0.362	2	22.35	22.8
P#2501MHz,#2685MHz_QPSK_RB 50,#RB 0+RB 50,#RB 0	Pass	12.50	37.86	6.10942	Inf	25.36	0.344	2	22.02	22.66
P#2501MHz,#2685MHz_16QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.32	5.39511	Inf	24.82	0.303	2	21.8	21.81
P#2501MHz,#2685MHz_16QAM_RB 50,#RB 0+RB 50,#RB 0	Pass	12.50	37.87	6.12350	Inf	25.37	0.344	2	21.98	22.7
P#2501MHz,#2685MHz_64QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.80	6.02560	Inf	25.30	0.339	2	21.78	22.75
P#2501MHz,#2685MHz_64QAM_RB 50,#RB 0+RB 50,#RB 0	Pass	12.50	37.89	6.15177	Inf	25.39	0.346	2	21.97	22.75
Band 41_LTE_10MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2501MHz,#2682.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	38.09	6.44169	Inf	25.59	0.362	2	22.33	22.82
P#2501MHz,#2682.5MHz_QPSK_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.87	6.12350	Inf	25.37	0.344	2	22.06	22.64
P#2501MHz,#2682.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.99	6.29506	Inf	25.49	0.354	2	22.12	22.81
P#2501MHz,#2682.5MHz_16QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.82	6.05341	Inf	25.32	0.341	2	21.97	22.63
P#2501MHz,#2682.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.96	6.25173	Inf	25.46	0.351	2	22.06	22.80
P#2501MHz,#2682.5MHz_64QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.85	6.09537	Inf	25.35	0.342	2	21.96	22.68

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
Band 41_LTE_10MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2501MHz,#2680MHz_QPSK_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.23	6.65273	Inf	25.73	0.374	2	22.32	23.08
P#2501MHz,#2680MHz_QPSK_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	37.82	6.05341	Inf	25.32	0.340	2	22.09	22.51
P#2501MHz,#2680MHz_16QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.08	6.42688	Inf	25.58	0.362	2	22.12	22.98
P#2501MHz,#2680MHz_16QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	37.81	6.03949	Inf	25.31	0.340	2	21.97	22.61
P#2501MHz,#2680MHz_64QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.04	6.36796	Inf	25.54	0.358	2	22.02	22.98
P#2501MHz,#2680MHz_64QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	37.82	6.05341	Inf	25.32	0.340	2	21.96	22.63
Band 41_LTE_15MHz+5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2503.5MHz,#2687.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.81	6.03949	Inf	25.31	0.340	2	22.1	22.49
P#2503.5MHz,#2687.5MHz_QPSK_RB 75,#RB 0+RB 25,#RB 0	Pass	12.50	37.67	5.84790	Inf	25.17	0.329	2	21.95	22.36
P#2503.5MHz,#2687.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.74	5.94292	Inf	25.24	0.335	2	22.05	22.41
P#2503.5MHz,#2687.5MHz_16QAM_RB 75,#RB 0+RB 25,#RB 0	Pass	12.50	37.67	5.84790	Inf	25.17	0.329	2	21.85	22.45
P#2503.5MHz,#2687.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.69	5.87489	Inf	25.19	0.330	2	22.01	22.34
P#2503.5MHz,#2687.5MHz_64QAM_RB 75,#RB 0+RB 25,#RB 0	Pass	12.50	37.66	5.83445	Inf	25.16	0.328	2	21.83	22.44
Band 41_LTE_15MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2503.5MHz,#2685MHz_QPSK_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	38.01	6.32412	Inf	25.51	0.355	2	22.06	22.89
P#2503.5MHz,#2685MHz_QPSK_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.81	6.03949	Inf	25.31	0.340	2	21.97	22.61
P#2503.5MHz,#2685MHz_16QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.91	6.18016	Inf	25.41	0.348	2	21.86	22.88
P#2503.5MHz,#2685MHz_16QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.81	6.03949	Inf	25.31	0.340	2	21.84	22.72
P#2503.5MHz,#2685MHz_64QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	37.87	6.12350	Inf	25.37	0.344	2	21.8	22.85
P#2503.5MHz,#2685MHz_64QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.80	6.02560	Inf	25.30	0.339	2	21.81	22.72
Band 41_LTE_15MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2503.5MHz,#2682.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	38.01	6.32412	Inf	25.51	0.356	2	22.14	22.83
P#2503.5MHz,#2682.5MHz_QPSK_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	37.83	6.06736	Inf	25.33	0.341	2	21.98	22.63
P#2503.5MHz,#2682.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.94	6.22300	Inf	25.44	0.350	2	21.99	22.82

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
P#2503.5MHz,#2682.5MHz_16QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	37.80	6.02560	Inf	25.30	0.339	2	21.89	22.66
P#2503.5MHz,#2682.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.91	6.18016	Inf	25.41	0.347	2	21.96	22.79
P#2503.5MHz,#2682.5MHz_64QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	37.77	5.98412	Inf	25.27	0.337	2	21.81	22.67
Band 41_LTE_15MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2503.5MHz,#2680MHz_QPSK_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.11	6.47143	Inf	25.61	0.364	2	22.18	22.99
P#2503.5MHz,#2680MHz_QPSK_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	22.03	22.51
P#2503.5MHz,#2680MHz_16QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	37.93	6.20869	Inf	25.43	0.350	2	21.89	22.9
P#2503.5MHz,#2680MHz_16QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	21.92	22.61
P#2503.5MHz,#2680MHz_64QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	37.96	6.25173	Inf	25.46	0.351	2	21.84	22.98
P#2503.5MHz,#2680MHz_64QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	37.76	5.97035	Inf	25.26	0.335	2	21.8	22.65
Band 41_LTE_20MHz+5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2506MHz,#2687.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	38.01	6.32412	Inf	25.51	0.356	2	22.53	22.47
P#2506MHz,#2687.5MHz_QPSK_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	37.74	5.94292	Inf	25.24	0.334	2	22.07	22.38
P#2506MHz,#2687.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.72	5.91562	Inf	25.22	0.333	2	22.12	22.3
P#2506MHz,#2687.5MHz_16QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	37.74	5.94292	Inf	25.24	0.334	2	22.04	22.41
P#2506MHz,#2687.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 24	Pass	12.50	37.75	5.95662	Inf	25.25	0.335	2	22.17	22.31
P#2506MHz,#2687.5MHz_64QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	37.74	5.94292	Inf	25.24	0.334	2	22.02	22.43
Band 41_LTE_20MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2506MHz,#2685MHz_QPSK_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	38.14	6.51628	Inf	25.64	0.367	2	22.44	22.82
P#2506MHz,#2685MHz_QPSK_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	37.86	6.10942	Inf	25.36	0.344	2	21.98	22.69
P#2506MHz,#2685MHz_16QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	38.02	6.33870	Inf	25.52	0.356	2	22.23	22.77
P#2506MHz,#2685MHz_16QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	37.87	6.12350	Inf	25.37	0.344	2	21.96	22.72
P#2506MHz,#2685MHz_64QAM_RB 1,#RB 0+RB 1,#RB 49	Pass	12.50	38.01	6.32412	Inf	25.51	0.356	2	22.18	22.8
P#2506MHz,#2685MHz_64QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	37.88	6.13762	Inf	25.38	0.345	2	21.93	22.76
Band 41_LTE_20MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
P#2506MHz,#2682.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	38.21	6.62217	Inf	25.71	0.372	2	22.45	22.93
P#2506MHz,#2682.5MHz_QPSK_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	22.02	22.52
P#2506MHz,#2682.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	37.99	6.29506	Inf	25.49	0.354	2	22.12	22.81
P#2506MHz,#2682.5MHz_16QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	37.84	6.08135	Inf	25.34	0.342	2	21.95	22.68
P#2506MHz,#2682.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 74	Pass	12.50	38.04	6.36796	Inf	25.54	0.358	2	22.14	22.89
P#2506MHz,#2682.5MHz_64QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	37.92	6.19441	Inf	25.42	0.348	2	22.18	22.63
Band 41_LTE_20MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
P#2506MHz,#2680MHz_QPSK_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.33	6.80769	Inf	25.83	0.383	2	22.55	23.08
P#2506MHz,#2680MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	37.89	6.15177	Inf	25.39	0.346	2	22.13	22.61
P#2506MHz,#2680MHz_16QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.19	6.59174	Inf	25.69	0.371	2	22.35	22.99
P#2506MHz,#2680MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	37.86	6.10942	Inf	25.36	0.344	2	22.06	22.62
P#2506MHz,#2680MHz_64QAM_RB 1,#RB 0+RB 1,#RB 99	Pass	12.50	38.17	6.56145	Inf	25.67	0.369	2	22.26	23.03
P#2506MHz,#2680MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	37.96	6.25173	Inf	25.46	0.351	2	22.29	22.6

DG = Directional Gain; **Port n** = Port n output power

3.1.8 Test Result of EIRP (Contiguous CA Mode)

Multi-carrier(Contiguous CA)
Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 41	-	-	-	-
LTE_5MHz+20MHz_Nss1,QPSK_2TX	25.67	0.369	38.17	6.56145
LTE_5MHz+20MHz_Nss1,16QAM_2TX	24.84	0.305	37.34	5.42001
LTE_5MHz+20MHz_Nss1,64QAM_2TX	22.87	0.194	35.37	3.44350
LTE_10MHz+15MHz_Nss1,QPSK_2TX	25.92	0.391	38.42	6.95024
LTE_10MHz+15MHz_Nss1,16QAM_2TX	25.81	0.381	38.31	6.77642
LTE_10MHz+15MHz_Nss1,64QAM_2TX	25.87	0.386	38.37	6.87068
LTE_10MHz+20MHz_Nss1,QPSK_2TX	26.08	0.406	38.58	7.21107
LTE_10MHz+20MHz_Nss1,16QAM_2TX	25.15	0.327	37.65	5.82103
LTE_10MHz+20MHz_Nss1,64QAM_2TX	23.29	0.213	35.79	3.79315
LTE_15MHz+10MHz_Nss1,QPSK_2TX	25.88	0.387	38.38	6.88652
LTE_15MHz+10MHz_Nss1,16QAM_2TX	25.85	0.385	38.35	6.83912
LTE_15MHz+10MHz_Nss1,64QAM_2TX	25.84	0.384	38.34	6.82339
LTE_15MHz+15MHz_Nss1,QPSK_2TX	25.91	0.390	38.41	6.93426
LTE_15MHz+15MHz_Nss1,16QAM_2TX	24.95	0.313	37.45	5.55904
LTE_15MHz+15MHz_Nss1,64QAM_2TX	23.20	0.209	35.70	3.71535
LTE_15MHz+20MHz_Nss1,QPSK_2TX	25.95	0.394	38.45	6.99842
LTE_15MHz+20MHz_Nss1,16QAM_2TX	25.00	0.316	37.50	5.62341
LTE_15MHz+20MHz_Nss1,64QAM_2TX	23.16	0.207	35.66	3.68129
LTE_20MHz+5MHz_Nss1,QPSK_2TX	25.90	0.389	38.40	6.91831
LTE_20MHz+5MHz_Nss1,16QAM_2TX	24.93	0.311	37.43	5.53350
LTE_20MHz+5MHz_Nss1,64QAM_2TX	23.04	0.201	35.54	3.58096
LTE_20MHz+10MHz_Nss1,QPSK_2TX	26.15	0.412	38.65	7.32825
LTE_20MHz+10MHz_Nss1,16QAM_2TX	25.24	0.334	37.74	5.94292
LTE_20MHz+10MHz_Nss1,64QAM_2TX	23.39	0.218	35.89	3.88150
LTE_20MHz+15MHz_Nss1,QPSK_2TX	26.11	0.408	38.61	7.26106
LTE_20MHz+15MHz_Nss1,16QAM_2TX	25.20	0.331	37.70	5.88844
LTE_20MHz+15MHz_Nss1,64QAM_2TX	23.29	0.213	35.79	3.79315
LTE_20MHz+20MHz_Nss1,QPSK_2TX	26.19	0.416	38.69	7.39605
LTE_20MHz+20MHz_Nss1,16QAM_2TX	25.31	0.340	37.81	6.03949
LTE_20MHz+20MHz_Nss1,64QAM_2TX	23.41	0.219	35.91	3.89942

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
Band 41_LTE_5MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2499.3MHz,#2511MHz_QPSK_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	37.66	5.83445	Inf	25.16	0.328	2	21.73	22.53
C#2499.3MHz,#2511MHz_QPSK_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	35.55	3.58922	Inf	23.05	0.202	2	19.81	20.25
C#2583.8MHz,#2595.5MHz_QPSK_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	38.17	6.56145	Inf	25.67	0.369	2	22.3	23
C#2583.8MHz,#2595.5MHz_QPSK_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	36.26	4.22669	Inf	23.76	0.237	2	20.66	20.83
C#2668.3MHz,#2680MHz_QPSK_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	37.78	5.99791	Inf	25.28	0.337	2	21.76	22.73
C#2668.3MHz,#2680MHz_QPSK_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	35.75	3.75837	Inf	23.25	0.211	2	19.92	20.54
C#2499.3MHz,#2511MHz_16QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	36.68	4.65586	Inf	24.18	0.262	2	20.68	21.61
C#2499.3MHz,#2511MHz_16QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	34.65	2.91743	Inf	22.15	0.164	2	19.01	19.27
C#2583.8MHz,#2595.5MHz_16QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	37.34	5.42001	Inf	24.84	0.305	2	21.46	22.17
C#2583.8MHz,#2595.5MHz_16QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	35.18	3.29610	Inf	22.68	0.185	2	19.52	19.82
C#2668.3MHz,#2680MHz_16QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	36.75	4.73151	Inf	24.25	0.266	2	20.67	21.75
C#2668.3MHz,#2680MHz_16QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	34.79	3.01301	Inf	22.29	0.169	2	19.12	19.43
C#2499.3MHz,#2511MHz_64QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	34.93	3.11172	Inf	22.43	0.175	2	19.11	19.7
C#2499.3MHz,#2511MHz_64QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	34.67	2.93089	Inf	22.17	0.165	2	19.08	19.24
C#2583.8MHz,#2595.5MHz_64QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	35.37	3.44350	Inf	22.87	0.194	2	19.46	20.23
C#2583.8MHz,#2595.5MHz_64QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	35.17	3.28852	Inf	22.67	0.185	2	19.47	19.84
C#2668.3MHz,#2680MHz_64QAM_RB 1,#RB 24+RB 1,#RB 0	Pass	12.50	35.03	3.18420	Inf	22.53	0.179	2	19.13	19.88
C#2668.3MHz,#2680MHz_64QAM_RB 25,#RB 0+RB 100,#RB 0	Pass	12.50	34.74	2.97852	Inf	22.24	0.167	2	19.04	19.41
Band 41_LTE_10MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2501.3MHz,#2513.3MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.84	6.08135	Inf	25.34	0.342	2	22.27	22.39
C#2501.3MHz,#2513.3MHz_QPSK_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.59	5.74116	Inf	25.09	0.323	2	21.89	22.26
C#2585.9MHz,#2597.9MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.42	6.95024	Inf	25.92	0.391	2	22.88	22.94
C#2585.9MHz,#2597.9MHz_QPSK_RB	Pass	12.50	38.18	6.57658	Inf	25.68	0.370	2	22.63	22.71

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
50,#RB 0+RB 75,#RB 0										
C#2670.5MHz,#2682.5MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.98	6.28058	Inf	25.48	0.354	2	22.27	22.67
C#2670.5MHz,#2682.5MHz_QPSK_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.83	6.06736	Inf	25.33	0.341	2	22.16	22.47
C#2501.3MHz,#2513.3MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.79	6.01174	Inf	25.29	0.338	2	22.25	22.3
C#2501.3MHz,#2513.3MHz_16QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.32	5.39511	Inf	24.82	0.303	2	21.4	22.18
C#2585.9MHz,#2597.9MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.31	6.77642	Inf	25.81	0.381	2	22.82	22.78
C#2585.9MHz,#2597.9MHz_16QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	38.10	6.45654	Inf	25.60	0.363	2	22.56	22.62
C#2670.5MHz,#2682.5MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.03	6.35331	Inf	25.53	0.358	2	22.32	22.72
C#2670.5MHz,#2682.5MHz_16QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.87	6.12350	Inf	25.37	0.344	2	22.13	22.58
C#2501.3MHz,#2513.3MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.84	6.08135	Inf	25.34	0.342	2	22.27	22.39
C#2501.3MHz,#2513.3MHz_64QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.61	5.76766	Inf	25.11	0.325	2	21.97	22.23
C#2585.9MHz,#2597.9MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.37	6.87068	Inf	25.87	0.386	2	22.81	22.91
C#2585.9MHz,#2597.9MHz_64QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	38.13	6.50130	Inf	25.63	0.365	2	22.56	22.67
C#2670.5MHz,#2682.5MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.94	6.22300	Inf	25.44	0.350	2	22.29	22.56
C#2670.5MHz,#2682.5MHz_64QAM_RB 50,#RB 0+RB 75,#RB 0	Pass	12.50	37.90	6.16595	Inf	25.40	0.347	2	22.14	22.63
Band 41_LTE_10MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2501.5MHz,#2515.9MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.02	6.33870	Inf	25.52	0.356	2	22.42	22.59
C#2501.5MHz,#2515.9MHz_QPSK_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	35.94	3.92645	Inf	23.44	0.221	2	20.25	20.61
C#2583.6MHz,#2598MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.58	7.21107	Inf	26.08	0.405	2	23.07	23.06
C#2583.6MHz,#2598MHz_QPSK_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	36.45	4.41570	Inf	23.95	0.248	2	20.84	21.03
C#2665.6MHz,#2680MHz_QPSK_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	38.10	6.45654	Inf	25.60	0.363	2	22.32	22.84
C#2665.6MHz,#2680MHz_QPSK_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	35.94	3.92645	Inf	23.44	0.221	2	20.21	20.63
C#2501.5MHz,#2515.9MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.18	5.22396	Inf	24.68	0.294	2	21.57	21.77
C#2501.5MHz,#2515.9MHz_16QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	34.83	3.04089	Inf	22.33	0.171	2	19.13	19.5

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
C#2583.6MHz,#2598MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.65	5.82103	Inf	25.15	0.327	2	22.06	22.21
C#2583.6MHz,#2598MHz_16QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	35.43	3.49140	Inf	22.93	0.196	2	19.85	19.98
C#2665.6MHz,#2680MHz_16QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	37.15	5.18800	Inf	24.65	0.292	2	21.32	21.94
C#2665.6MHz,#2680MHz_16QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	34.92	3.10456	Inf	22.42	0.175	2	19.29	19.53
C#2501.5MHz,#2515.9MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	35.30	3.38844	Inf	22.80	0.190	2	19.73	19.84
C#2501.5MHz,#2515.9MHz_64QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	34.90	3.09030	Inf	22.40	0.174	2	19.27	19.51
C#2583.6MHz,#2598MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	35.79	3.79315	Inf	23.29	0.213	2	20.31	20.25
C#2583.6MHz,#2598MHz_64QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	35.42	3.48337	Inf	22.92	0.196	2	19.85	19.96
C#2665.6MHz,#2680MHz_64QAM_RB 1,#RB 49+RB 1,#RB 0	Pass	12.50	35.19	3.30370	Inf	22.69	0.186	2	19.39	19.95
C#2665.6MHz,#2680MHz_64QAM_RB 50,#RB 0+RB 100,#RB 0	Pass	12.50	34.94	3.11889	Inf	22.44	0.175	2	19.29	19.56
Band 41_LTE_15MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2503.5MHz,#2515.5MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	22.06	22.31
C#2503.5MHz,#2515.5MHz_QPSK_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.66	5.83445	Inf	25.16	0.328	2	21.87	22.42
C#2588.1MHz,#2600.1MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.38	6.88652	Inf	25.88	0.387	2	22.85	22.88
C#2588.1MHz,#2600.1MHz_QPSK_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	38.06	6.39735	Inf	25.56	0.359	2	22.46	22.63
C#2672.7MHz,#2684.7MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.03	6.35331	Inf	25.53	0.357	2	22.25	22.77
C#2672.7MHz,#2684.7MHz_QPSK_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.90	6.16595	Inf	25.40	0.346	2	22.15	22.61
C#2503.5MHz,#2515.5MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.68	5.86138	Inf	25.18	0.329	2	22.08	22.25
C#2503.5MHz,#2515.5MHz_16QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.63	5.79429	Inf	25.13	0.325	2	21.81	22.4
C#2588.1MHz,#2600.1MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.35	6.83912	Inf	25.85	0.384	2	22.84	22.83
C#2588.1MHz,#2600.1MHz_16QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	38.06	6.39735	Inf	25.56	0.359	2	22.55	22.54
C#2672.7MHz,#2684.7MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.99	6.29506	Inf	25.49	0.354	2	22.27	22.68
C#2672.7MHz,#2684.7MHz_16QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.93	6.20869	Inf	25.43	0.349	2	22.07	22.74
C#2503.5MHz,#2515.5MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	22.06	22.31

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
C#2503.5MHz,#2515.5MHz_64QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.64	5.80764	Inf	25.14	0.327	2	21.81	22.43
C#2588.1MHz,#2600.1MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.34	6.82339	Inf	25.84	0.384	2	22.81	22.85
C#2588.1MHz,#2600.1MHz_64QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	38.14	6.51628	Inf	25.64	0.366	2	22.58	22.68
C#2672.7MHz,#2684.7MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.01	6.32412	Inf	25.51	0.356	2	22.22	22.76
C#2672.7MHz,#2684.7MHz_64QAM_RB 75,#RB 0+RB 50,#RB 0	Pass	12.50	37.94	6.22300	Inf	25.44	0.350	2	22.07	22.76
Band 41_LTE_15MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2503.5MHz,#2518.5MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.82	6.05341	Inf	25.32	0.341	2	22.05	22.56
C#2503.5MHz,#2518.5MHz_QPSK_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	35.77	3.77572	Inf	23.27	0.212	2	20.13	20.38
C#2585.5MHz,#2600.5MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.41	6.93426	Inf	25.91	0.390	2	22.86	22.94
C#2585.5MHz,#2600.5MHz_QPSK_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	36.20	4.16869	Inf	23.70	0.234	2	20.64	20.73
C#2667.5MHz,#2682.5MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.95	6.23735	Inf	25.45	0.351	2	22.27	22.61
C#2667.5MHz,#2682.5MHz_QPSK_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	35.81	3.81066	Inf	23.31	0.214	2	20.03	20.55
C#2503.5MHz,#2518.5MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	36.91	4.90908	Inf	24.41	0.276	2	21.29	21.51
C#2503.5MHz,#2518.5MHz_16QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	34.67	2.93089	Inf	22.17	0.165	2	19.02	19.29
C#2585.5MHz,#2600.5MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.45	5.55904	Inf	24.95	0.313	2	21.92	21.96
C#2585.5MHz,#2600.5MHz_16QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	35.18	3.29610	Inf	22.68	0.185	2	19.62	19.71
C#2667.5MHz,#2682.5MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	36.96	4.96592	Inf	24.46	0.279	2	21.36	21.53
C#2667.5MHz,#2682.5MHz_16QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	34.80	3.01995	Inf	22.30	0.170	2	19.13	19.45
C#2503.5MHz,#2518.5MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	34.89	3.08319	Inf	22.39	0.173	2	19.3	19.45
C#2503.5MHz,#2518.5MHz_64QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	34.69	2.94442	Inf	22.19	0.165	2	19.04	19.31
C#2585.5MHz,#2600.5MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	35.70	3.71535	Inf	23.20	0.209	2	20.15	20.23
C#2585.5MHz,#2600.5MHz_64QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	35.17	3.28852	Inf	22.67	0.185	2	19.61	19.71
C#2667.5MHz,#2682.5MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	34.94	3.11889	Inf	22.44	0.175	2	19.34	19.52
C#2667.5MHz,#2682.5MHz_64QAM_RB 75,#RB 0+RB 75,#RB 0	Pass	12.50	34.77	2.99916	Inf	22.27	0.169	2	19.06	19.45

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
Band 41_LTE_15MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2503.8MHz,#2520.9MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.85	6.09537	Inf	25.35	0.343	2	22.13	22.54
C#2503.8MHz,#2520.9MHz_QPSK_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	35.86	3.85478	Inf	23.36	0.217	2	20.15	20.54
C#2583.3MHz,#2600.4MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.45	6.99842	Inf	25.95	0.394	2	22.81	23.07
C#2583.3MHz,#2600.4MHz_QPSK_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	36.16	4.13048	Inf	23.66	0.232	2	20.52	20.78
C#2662.9MHz,#2680MHz_QPSK_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	38.00	6.30957	Inf	25.50	0.355	2	22.24	22.73
C#2662.9MHz,#2680MHz_QPSK_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	35.86	3.85478	Inf	23.36	0.217	2	20.2	20.49
C#2503.8MHz,#2520.9MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	36.98	4.98884	Inf	24.48	0.280	2	21.29	21.64
C#2503.8MHz,#2520.9MHz_16QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	34.78	3.00608	Inf	22.28	0.169	2	19.08	19.46
C#2583.3MHz,#2600.4MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.50	5.62341	Inf	25.00	0.316	2	21.81	22.16
C#2583.3MHz,#2600.4MHz_16QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	35.24	3.34195	Inf	22.74	0.188	2	19.67	19.79
C#2662.9MHz,#2680MHz_16QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	37.05	5.06991	Inf	24.55	0.285	2	21.33	21.74
C#2662.9MHz,#2680MHz_16QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	34.79	3.01301	Inf	22.29	0.169	2	19.18	19.38
C#2503.8MHz,#2520.9MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	35.01	3.16957	Inf	22.51	0.178	2	19.36	19.64
C#2503.8MHz,#2520.9MHz_64QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	34.77	2.99916	Inf	22.27	0.169	2	19.07	19.45
C#2583.3MHz,#2600.4MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	35.66	3.68129	Inf	23.16	0.207	2	20.01	20.28
C#2583.3MHz,#2600.4MHz_64QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	35.23	3.33426	Inf	22.73	0.188	2	19.64	19.8
C#2662.9MHz,#2680MHz_64QAM_RB 1,#RB 74+RB 1,#RB 0	Pass	12.50	35.03	3.18420	Inf	22.53	0.179	2	19.36	19.68
C#2662.9MHz,#2680MHz_64QAM_RB 75,#RB 0+RB 100,#RB 0	Pass	12.50	34.80	3.01995	Inf	22.30	0.170	2	19.19	19.39
Band 41_LTE_20MHz+5MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2506MHz,#2517.7MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.89	6.15177	Inf	25.39	0.346	2	22.64	22.11
C#2506MHz,#2517.7MHz_QPSK_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	35.72	3.73250	Inf	23.22	0.210	2	20.28	20.14
C#2590.5MHz,#2602.2MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.40	6.91831	Inf	25.90	0.389	2	23.4	22.31
C#2590.5MHz,#2602.2MHz_QPSK_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	36.26	4.22669	Inf	23.76	0.238	2	20.96	20.53

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
C#2675MHz,#2686.7MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.25	5.30884	Inf	24.75	0.298	2	22.84	20.26
C#2675MHz,#2686.7MHz_QPSK_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	35.75	3.75837	Inf	23.25	0.211	2	20.17	20.31
C#2506MHz,#2517.7MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	36.86	4.85289	Inf	24.36	0.273	2	21.54	21.16
C#2506MHz,#2517.7MHz_16QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	34.70	2.95121	Inf	22.20	0.166	2	19.25	19.13
C#2590.5MHz,#2602.2MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.43	5.53350	Inf	24.93	0.311	2	22.37	21.42
C#2590.5MHz,#2602.2MHz_16QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	35.26	3.35738	Inf	22.76	0.189	2	19.96	19.53
C#2675MHz,#2686.7MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.08	5.10505	Inf	24.58	0.287	2	21.8	21.33
C#2675MHz,#2686.7MHz_16QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	34.81	3.02691	Inf	22.31	0.170	2	19.31	19.28
C#2506MHz,#2517.7MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.01	3.16957	Inf	22.51	0.178	2	19.86	19.11
C#2506MHz,#2517.7MHz_64QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	34.67	2.93089	Inf	22.17	0.165	2	19.27	19.05
C#2590.5MHz,#2602.2MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.54	3.58096	Inf	23.04	0.201	2	20.44	19.58
C#2590.5MHz,#2602.2MHz_64QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	35.23	3.33426	Inf	22.73	0.188	2	19.97	19.46
C#2675MHz,#2686.7MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.09	3.22849	Inf	22.59	0.181	2	19.81	19.33
C#2675MHz,#2686.7MHz_64QAM_RB 100,#RB 0+RB 25,#RB 0	Pass	12.50	34.85	3.05492	Inf	22.35	0.172	2	19.32	19.36
Band 41_LTE_20MHz+10MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2506MHz,#2520.4MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.09	6.44169	Inf	25.59	0.362	2	22.61	22.55
C#2506MHz,#2520.4MHz_QPSK_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	35.97	3.95367	Inf	23.47	0.222	2	20.34	20.58
C#2588.1MHz,#2602.5MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.65	7.32825	Inf	26.15	0.412	2	23.34	22.93
C#2588.1MHz,#2602.5MHz_QPSK_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	36.41	4.37522	Inf	23.91	0.246	2	21.01	20.79
C#2670.1MHz,#2684.5MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.20	6.60693	Inf	25.70	0.372	2	22.73	22.65
C#2670.1MHz,#2684.5MHz_QPSK_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	36.03	4.00867	Inf	23.53	0.226	2	20.39	20.65
C#2506MHz,#2520.4MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.10	5.12861	Inf	24.60	0.288	2	21.56	21.62
C#2506MHz,#2520.4MHz_16QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	34.85	3.05492	Inf	22.35	0.172	2	19.21	19.47
C#2588.1MHz,#2602.5MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.74	5.94292	Inf	25.24	0.335	2	22.42	22.04

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
C#2588.1MHz,#2602.5MHz_16QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	35.39	3.45939	Inf	22.89	0.194	2	19.98	19.77
C#2670.1MHz,#2684.5MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.21	5.26017	Inf	24.71	0.296	2	21.65	21.75
C#2670.1MHz,#2684.5MHz_16QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	35.00	3.16228	Inf	22.50	0.178	2	19.31	19.67
C#2506MHz,#2520.4MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.26	3.35738	Inf	22.76	0.189	2	19.85	19.65
C#2506MHz,#2520.4MHz_64QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	34.85	3.05492	Inf	22.35	0.172	2	19.2	19.48
C#2588.1MHz,#2602.5MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.89	3.88150	Inf	23.39	0.218	2	20.6	20.14
C#2588.1MHz,#2602.5MHz_64QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	35.41	3.47536	Inf	22.91	0.195	2	19.98	19.81
C#2670.1MHz,#2684.5MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.19	3.30370	Inf	22.69	0.186	2	19.61	19.75
C#2670.1MHz,#2684.5MHz_64QAM_RB 100,#RB 0+RB 50,#RB 0	Pass	12.50	35.02	3.17687	Inf	22.52	0.179	2	19.3	19.71
Band 41_LTE_20MHz+15MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2506MHz,#2523.1MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.07	6.41210	Inf	25.57	0.361	2	22.49	22.63
C#2506MHz,#2523.1MHz_QPSK_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	35.97	3.95367	Inf	23.47	0.222	2	20.36	20.55
C#2585.6MHz,#2602.7MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.61	7.26106	Inf	26.11	0.408	2	23.16	23.04
C#2585.6MHz,#2602.7MHz_QPSK_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	36.30	4.26580	Inf	23.80	0.240	2	20.89	20.69
C#2665.1MHz,#2682.2MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.17	6.56145	Inf	25.67	0.369	2	22.62	22.7
C#2665.1MHz,#2682.2MHz_QPSK_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	36.00	3.98107	Inf	23.50	0.224	2	20.42	20.56
C#2506MHz,#2523.1MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.10	5.12861	Inf	24.60	0.288	2	21.59	21.58
C#2506MHz,#2523.1MHz_16QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	34.86	3.06196	Inf	22.36	0.172	2	19.24	19.46
C#2585.6MHz,#2602.7MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.70	5.88844	Inf	25.20	0.331	2	22.34	22.03
C#2585.6MHz,#2602.7MHz_16QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	35.31	3.39625	Inf	22.81	0.191	2	19.91	19.68
C#2665.1MHz,#2682.2MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.25	5.30884	Inf	24.75	0.299	2	21.73	21.75
C#2665.1MHz,#2682.2MHz_16QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	34.88	3.07610	Inf	22.38	0.173	2	19.31	19.42
C#2506MHz,#2523.1MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.21	3.31894	Inf	22.71	0.187	2	19.81	19.59
C#2506MHz,#2523.1MHz_64QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	34.88	3.07610	Inf	22.38	0.173	2	19.27	19.47

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	1Carrier Port 1 (dBm)	2Carrier Port 2 (dBm)
C#2585.6MHz,#2602.7MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.79	3.79315	Inf	23.29	0.213	2	20.42	20.14
C#2585.6MHz,#2602.7MHz_64QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	35.33	3.41193	Inf	22.83	0.192	2	19.92	19.71
C#2665.1MHz,#2682.2MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.15	3.27341	Inf	22.65	0.184	2	19.67	19.6
C#2665.1MHz,#2682.2MHz_64QAM_RB 100,#RB 0+RB 75,#RB 0	Pass	12.50	34.91	3.09742	Inf	22.41	0.174	2	19.36	19.43
Band 41_LTE_20MHz+20MHz_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
C#2506MHz,#2525.8MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.20	6.60693	Inf	25.70	0.371	2	22.54	22.83
C#2506MHz,#2525.8MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	36.05	4.02717	Inf	23.55	0.227	2	20.4	20.68
C#2583.1MHz,#2602.9MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.69	7.39605	Inf	26.19	0.416	2	23.2	23.16
C#2583.1MHz,#2602.9MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	36.36	4.32514	Inf	23.86	0.243	2	20.77	20.92
C#2660.2MHz,#2680MHz_QPSK_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	38.27	6.71429	Inf	25.77	0.377	2	22.66	22.85
C#2660.2MHz,#2680MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	36.02	3.99945	Inf	23.52	0.225	2	20.43	20.59
C#2506MHz,#2525.8MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.18	5.22396	Inf	24.68	0.294	2	21.42	21.9
C#2506MHz,#2525.8MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	34.92	3.10456	Inf	22.42	0.175	2	19.21	19.6
C#2583.1MHz,#2602.9MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.81	6.03949	Inf	25.31	0.339	2	22.28	22.31
C#2583.1MHz,#2602.9MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	35.26	3.35738	Inf	22.76	0.189	2	19.69	19.8
C#2660.2MHz,#2680MHz_16QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	37.38	5.47016	Inf	24.88	0.307	2	21.72	22.01
C#2660.2MHz,#2680MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	34.93	3.11172	Inf	22.43	0.175	2	19.36	19.47
C#2506MHz,#2525.8MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.39	3.45939	Inf	22.89	0.194	2	19.72	20.03
C#2506MHz,#2525.8MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	34.91	3.09742	Inf	22.41	0.174	2	19.21	19.58
C#2583.1MHz,#2602.9MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.91	3.89942	Inf	23.41	0.219	2	20.43	20.36
C#2583.1MHz,#2602.9MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	35.31	3.39625	Inf	22.81	0.191	2	19.76	19.83
C#2660.2MHz,#2680MHz_64QAM_RB 1,#RB 99+RB 1,#RB 0	Pass	12.50	35.44	3.49945	Inf	22.94	0.197	2	19.81	20.04
C#2660.2MHz,#2680MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0	Pass	12.50	34.92	3.10456	Inf	22.42	0.174	2	19.34	19.47

DG = Directional Gain; **Port n** = Port n output power

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

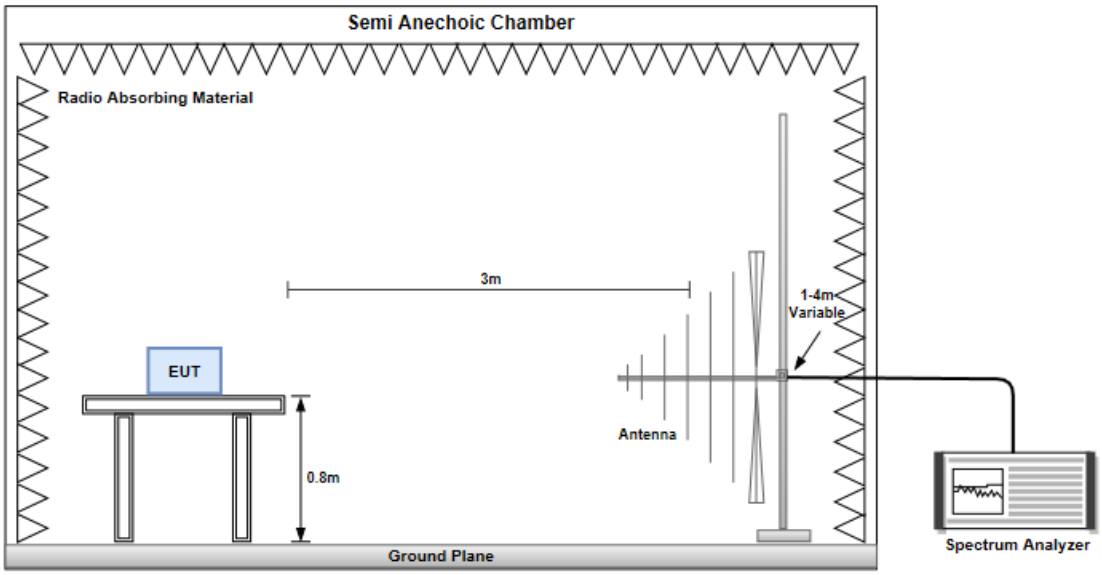
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.2.2 Test Procedures

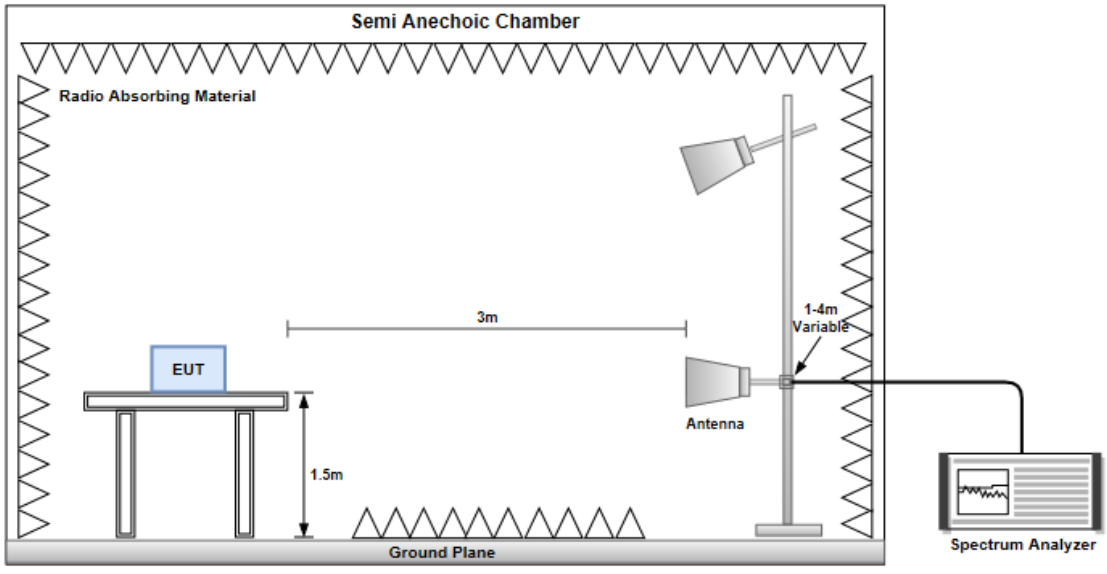
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result of Radiated Emissions below 1GHz (CDD Mode)

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 24, Channel: 40620						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.79	H	-60.11	-13.00	-47.11	-67.52	-42.12	-17.99
52.31	H	-62.81	-13.00	-49.81	-66.10	-47.25	-15.56
79.47	H	-63.01	-13.00	-50.01	-61.58	-55.79	-7.22
107.60	H	-59.43	-13.00	-46.43	-58.25	-54.03	-5.40
124.09	H	-60.57	-13.00	-47.57	-59.41	-54.50	-6.07
217.21	H	-64.54	-13.00	-51.54	-60.58	-63.34	-1.20
30.00	V	-54.28	-13.00	-41.28	-55.36	-34.83	-19.45
55.22	V	-55.63	-13.00	-42.63	-54.70	-40.70	-14.93
63.95	V	-56.19	-13.00	-43.19	-56.68	-43.70	-12.49
79.47	V	-56.52	-13.00	-43.52	-56.02	-49.30	-7.22
99.84	V	-55.82	-13.00	-42.82	-56.81	-50.73	-5.09
208.48	V	-59.89	-13.00	-46.89	-60.78	-58.68	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 49, Channel: 40620						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.79	H	-60.38	-13.00	-47.38	-67.79	-42.39	-17.99
53.28	H	-62.51	-13.00	-49.51	-65.47	-47.16	-15.35
83.35	H	-59.70	-13.00	-46.70	-57.52	-53.43	-6.27
108.57	H	-61.25	-13.00	-48.25	-60.07	-55.81	-5.44
139.61	H	-61.79	-13.00	-48.79	-61.10	-55.08	-6.71
210.42	H	-65.33	-13.00	-52.33	-61.22	-64.12	-1.21
30.00	V	-54.63	-13.00	-41.63	-55.71	-35.18	-19.45
36.79	V	-56.73	-13.00	-43.73	-52.01	-38.74	-17.99
66.86	V	-57.15	-13.00	-44.15	-56.81	-45.61	-11.54
80.44	V	-57.22	-13.00	-44.22	-56.73	-50.29	-6.93
108.57	V	-56.88	-13.00	-43.88	-57.70	-51.44	-5.44
205.57	V	-59.69	-13.00	-46.69	-60.52	-58.47	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 74, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
37.12	H	-60.02	-13.00	-47.02	-67.30	-42.08	-17.94
52.47	H	-62.74	-13.00	-49.74	-65.97	-47.21	-15.53
79.82	H	-62.98	-13.00	-49.98	-61.53	-55.89	-7.09
107.66	H	-59.36	-13.00	-46.36	-58.18	-53.95	-5.41
124.13	H	-60.61	-13.00	-47.61	-59.45	-54.54	-6.07
217.15	H	-64.44	-13.00	-51.44	-60.48	-63.24	-1.20
30.00	V	-54.32	-13.00	-41.32	-55.32	-34.89	-19.43
55.20	V	-55.67	-13.00	-42.67	-54.74	-40.74	-14.93
63.88	V	-56.24	-13.00	-43.24	-56.72	-43.72	-12.52
79.65	V	-56.41	-13.00	-43.41	-55.92	-49.26	-7.15
99.73	V	-55.77	-13.00	-42.77	-56.75	-50.68	-5.09
208.53	V	-59.86	-13.00	-46.86	-60.75	-58.65	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 99, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.81	H	-60.34	-13.00	-47.34	-67.75	-42.35	-17.99
53.27	H	-62.40	-13.00	-49.40	-65.37	-47.05	-15.35
83.39	H	-59.68	-13.00	-46.68	-57.49	-53.42	-6.26
108.52	H	-61.23	-13.00	-48.23	-60.05	-55.79	-5.44
139.68	H	-61.76	-13.00	-48.76	-61.07	-55.04	-6.72
210.54	H	-65.30	-13.00	-52.30	-61.19	-64.09	-1.21
31.56	V	-56.67	-13.00	-43.67	-56.11	-37.59	-19.08
36.84	V	-56.78	-13.00	-43.78	-52.05	-38.79	-17.99
66.73	V	-57.19	-13.00	-44.19	-56.92	-45.60	-11.59
80.37	V	-57.18	-13.00	-44.18	-56.69	-50.23	-6.95
108.45	V	-56.89	-13.00	-43.89	-57.71	-51.45	-5.44
205.60	V	-59.64	-13.00	-46.64	-60.47	-58.42	-1.22

Note: EIRP = S.G Power value + Correction factor.

3.2.5 Test Result of Radiated Emissions above 1GHz (CDD Mode)

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 24, Channel: 39675						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5001.40	H	-49.78	-13.00	-36.78	-63.75	-56.30	6.52
7502.10	H	-45.17	-13.00	-32.17	-63.54	-48.57	3.40
10002.80	H	-41.18	-13.00	-28.18	-63.51	-42.86	1.68
5001.40	V	-49.27	-13.00	-36.27	-63.01	-55.79	6.52
7502.10	V	-44.22	-13.00	-31.22	-63.19	-47.62	3.40
10002.80	V	-43.44	-13.00	-30.44	-63.94	-45.12	1.68

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 24, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5190.40	H	-49.20	-13.00	-36.20	-62.85	-55.90	6.70
7785.60	H	-36.72	-13.00	-23.72	-55.79	-40.16	3.44
10380.80	H	-34.27	-13.00	-21.27	-56.43	-35.64	1.37
5190.40	V	-49.60	-13.00	-36.60	-63.18	-56.30	6.70
7785.60	V	-36.51	-13.00	-23.51	-55.98	-39.95	3.44
10380.80	V	-36.23	-13.00	-23.23	-56.96	-37.60	1.37

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 24, Channel: 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5379.80	H	-49.71	-13.00	-36.71	-63.23	-56.51	6.80
8069.70	H	-35.72	-13.00	-22.72	-55.10	-38.32	2.60
10759.60	H	-33.95	-13.00	-20.95	-56.02	-35.02	1.07
5379.80	V	-49.53	-13.00	-36.53	-63.11	-56.33	6.80
8069.70	V	-35.01	-13.00	-22.01	-54.53	-37.61	2.60
10759.60	V	-35.25	-13.00	-22.25	-56.70	-36.32	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 49, Channel: 39700						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5010.80	H	-49.82	-13.00	-36.82	-63.77	-56.35	6.53
7516.20	H	-45.62	-13.00	-32.62	-63.91	-49.03	3.41
10021.60	H	-41.38	-13.00	-28.38	-63.70	-43.04	1.66
5010.80	V	-49.68	-13.00	-36.68	-63.41	-56.21	6.53
7516.20	V	-44.13	-13.00	-31.13	-63.03	-47.54	3.41
10021.60	V	-42.52	-13.00	-29.52	-63.04	-44.18	1.66

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 49, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5194.80	H	-49.15	-13.00	-36.15	-62.79	-55.86	6.71
7792.20	H	-36.44	-13.00	-23.44	-55.55	-39.88	3.44
10389.60	H	-34.03	-13.00	-21.03	-56.19	-35.39	1.36
5194.80	V	-48.44	-13.00	-35.44	-62.02	-55.15	6.71
7792.20	V	-35.34	-13.00	-22.34	-54.84	-38.78	3.44
10389.60	V	-35.85	-13.00	-22.85	-56.58	-37.21	1.36

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 49, Channel: 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5378.80	H	-50.38	-13.00	-37.38	-63.90	-57.18	6.80
8068.20	H	-36.51	-13.00	-23.51	-55.89	-39.11	2.60
10757.60	H	-34.72	-13.00	-21.72	-56.79	-35.79	1.07
5378.80	V	-49.21	-13.00	-36.21	-62.79	-56.01	6.80
8068.20	V	-35.75	-13.00	-22.75	-55.27	-38.35	2.60
10757.60	V	-36.05	-13.00	-23.05	-57.49	-37.12	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 74, Channel: 39725						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5020.20	H	-49.34	-13.00	-36.34	-63.28	-55.88	6.54
7530.30	H	-44.85	-13.00	-31.85	-63.07	-48.27	3.42
10040.40	H	-41.02	-13.00	-28.02	-63.33	-42.67	1.65
5020.20	V	-48.88	-13.00	-35.88	-62.61	-55.42	6.54
7530.30	V	-44.38	-13.00	-31.38	-63.23	-47.80	3.42
10040.40	V	-43.27	-13.00	-30.27	-63.79	-44.92	1.65

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 74, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5199.20	H	-49.05	-13.00	-36.05	-62.68	-55.76	6.71
7798.80	H	-35.75	-13.00	-22.75	-54.90	-39.19	3.44
10398.40	H	-34.78	-13.00	-21.78	-56.93	-36.13	1.35
5199.20	V	-50.24	-13.00	-37.24	-63.81	-56.95	6.71
7798.80	V	-36.18	-13.00	-23.18	-55.71	-39.62	3.44
10398.40	V	-35.75	-13.00	-22.75	-56.49	-37.10	1.35

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 74, Channel: 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5378.20	H	-49.55	-13.00	-36.55	-63.07	-56.35	6.80
8067.30	H	-35.44	-13.00	-22.44	-54.81	-38.04	2.60
10756.40	H	-34.61	-13.00	-21.61	-56.68	-35.69	1.08
5378.20	V	-49.24	-13.00	-36.24	-62.82	-56.04	6.80
8067.30	V	-35.33	-13.00	-22.33	-54.84	-37.93	2.60
10756.40	V	-35.05	-13.00	-22.05	-56.49	-36.13	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 99, Channel: 39750						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5029.60	H	-49.32	-13.00	-36.32	-63.24	-55.87	6.55
7544.40	H	-44.97	-13.00	-31.97	-63.11	-48.40	3.43
10059.20	H	-41.27	-13.00	-28.27	-63.58	-42.90	1.63
5029.60	V	-49.51	-13.00	-36.51	-63.23	-56.06	6.55
7544.40	V	-44.05	-13.00	-31.05	-62.83	-47.48	3.43
10059.20	V	-41.56	-13.00	-28.56	-62.10	-43.19	1.63

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 99, Channel: 40620						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5203.60	H	-49.05	-13.00	-36.05	-62.68	-55.76	6.71
7805.40	H	-34.65	-13.00	-21.65	-53.81	-38.06	3.41
10407.20	H	-34.85	-13.00	-21.85	-57.00	-36.20	1.35
5203.60	V	-49.41	-13.00	-36.41	-62.98	-56.12	6.71
7805.40	V	-35.37	-13.00	-22.37	-54.91	-38.78	3.41
10407.20	V	-35.23	-13.00	-22.23	-55.98	-36.58	1.35

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 99, Channel: 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5377.60	H	-49.44	-13.00	-36.44	-62.96	-56.24	6.80
8066.40	H	-34.37	-13.00	-21.37	-53.53	-36.97	2.60
10755.20	H	-34.59	-13.00	-21.59	-56.74	-35.67	1.08
5377.60	V	-49.34	-13.00	-36.34	-62.92	-56.14	6.80
8066.40	V	-34.78	-13.00	-21.78	-54.32	-37.38	2.60
10755.20	V	-34.60	-13.00	-21.60	-55.35	-35.68	1.08

Note: EIRP = S.G Power value + Correction factor.

3.2.6 Test Result of Radiated Emissions below 1GHz (Non Contiguous CA Mode)

Mode	LTE Band 41, QPSK, CB:5+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39675 + 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
38.73	H	-59.08	-13.00	-46.08	-65.73	-41.37	-17.71
54.25	H	-62.72	-13.00	-49.72	-65.37	-47.58	-15.14
79.47	H	-62.89	-13.00	-49.89	-61.46	-55.67	-7.22
108.57	H	-60.97	-13.00	-47.97	-59.79	-55.53	-5.44
124.09	H	-61.79	-13.00	-48.79	-60.63	-55.72	-6.07
210.42	H	-65.16	-13.00	-52.16	-61.05	-63.95	-1.21
32.91	V	-55.06	-13.00	-42.06	-53.07	-36.31	-18.75
54.25	V	-58.12	-13.00	-45.12	-56.99	-42.98	-15.14
62.01	V	-55.09	-13.00	-42.09	-55.29	-41.94	-13.15
77.53	V	-57.72	-13.00	-44.72	-57.18	-49.82	-7.90
105.66	V	-57.64	-13.00	-44.64	-58.52	-52.31	-5.33
210.42	V	-60.97	-13.00	-47.97	-61.90	-59.76	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39675 + 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
38.73	H	-60.34	-13.00	-47.34	-66.99	-42.63	-17.71
63.95	H	-61.78	-13.00	-48.78	-62.46	-49.29	-12.49
82.38	H	-60.18	-13.00	-47.18	-58.21	-53.69	-6.49
110.51	H	-61.19	-13.00	-48.19	-59.99	-55.67	-5.52
124.09	H	-61.14	-13.00	-48.14	-59.98	-55.07	-6.07
210.42	H	-64.43	-13.00	-51.43	-60.32	-63.22	-1.21
30.00	V	-55.22	-13.00	-42.22	-56.30	-35.77	-19.45
54.25	V	-56.74	-13.00	-43.74	-55.61	-41.60	-15.14
63.95	V	-53.71	-13.00	-40.71	-54.20	-41.22	-12.49
79.47	V	-55.43	-13.00	-42.43	-54.93	-48.21	-7.22
108.57	V	-58.99	-13.00	-45.99	-59.81	-53.55	-5.44
207.51	V	-60.39	-13.00	-47.39	-61.26	-59.17	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39675 + 41515						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.79	H	-60.53	-13.00	-47.53	-67.94	-42.54	-17.99
52.31	H	-62.95	-13.00	-49.95	-66.24	-47.39	-15.56
86.26	H	-61.86	-13.00	-48.86	-59.59	-56.25	-5.61
108.57	H	-60.63	-13.00	-47.63	-59.45	-55.19	-5.44
124.09	H	-62.44	-13.00	-49.44	-61.28	-56.37	-6.07
210.42	H	-66.04	-13.00	-53.04	-61.93	-64.83	-1.21
30.00	V	-55.64	-13.00	-42.64	-56.72	-36.19	-19.45
54.25	V	-56.81	-13.00	-43.81	-55.68	-41.67	-15.14
62.01	V	-53.54	-13.00	-40.54	-53.74	-40.39	-13.15
82.38	V	-55.61	-13.00	-42.61	-55.06	-49.12	-6.49
124.09	V	-63.85	-13.00	-50.85	-64.71	-57.78	-6.07
208.48	V	-60.09	-13.00	-47.09	-60.98	-58.88	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39675 + 41490						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.76	H	-60.35	-13.00	-47.35	-66.99	-42.64	-17.71
63.91	H	-61.80	-13.00	-48.80	-62.48	-49.29	-12.51
82.38	H	-60.14	-13.00	-47.14	-58.17	-53.65	-6.49
110.57	H	-61.22	-13.00	-48.22	-60.02	-55.70	-5.52
124.11	H	-61.16	-13.00	-48.16	-60.00	-55.09	-6.07
210.43	H	-64.43	-13.00	-51.43	-60.32	-63.22	-1.21
30.00	V	-55.27	-13.00	-42.27	-56.35	-35.82	-19.45
54.26	V	-56.73	-13.00	-43.73	-55.61	-41.59	-15.14
63.98	V	-53.74	-13.00	-40.74	-54.23	-41.26	-12.48
79.44	V	-55.40	-13.00	-42.40	-54.90	-48.17	-7.23
108.58	V	-58.96	-13.00	-45.96	-59.78	-53.52	-5.44
207.52	V	-60.30	-13.00	-47.30	-61.17	-59.08	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39700 + 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.79	H	-59.74	-13.00	-46.74	-67.15	-41.75	-17.99
63.95	H	-62.86	-13.00	-49.86	-63.54	-50.37	-12.49
79.47	H	-61.00	-13.00	-48.00	-59.57	-53.78	-7.22
110.51	H	-60.96	-13.00	-47.96	-59.76	-55.44	-5.52
124.09	H	-61.39	-13.00	-48.39	-60.23	-55.32	-6.07
215.27	H	-64.01	-13.00	-51.01	-60.01	-62.81	-1.20
30.97	V	-54.82	-13.00	-41.82	-54.88	-35.60	-19.22
36.79	V	-57.54	-13.00	-44.54	-52.82	-39.55	-17.99
55.22	V	-56.62	-13.00	-43.62	-55.69	-41.69	-14.93
62.01	V	-52.83	-13.00	-39.83	-53.03	-39.68	-13.15
79.47	V	-57.47	-13.00	-44.47	-56.97	-50.25	-7.22
202.66	V	-60.22	-13.00	-47.22	-60.98	-58.99	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39700 + 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
38.74	H	-59.13	-13.00	-46.13	-65.78	-41.42	-17.71
54.27	H	-62.70	-13.00	-49.70	-65.35	-47.56	-15.14
79.46	H	-62.88	-13.00	-49.88	-61.45	-55.66	-7.22
108.54	H	-60.93	-13.00	-47.93	-59.75	-55.49	-5.44
124.15	H	-61.72	-13.00	-48.72	-60.56	-55.65	-6.07
210.49	H	-65.16	-13.00	-52.16	-61.05	-63.95	-1.21
32.94	V	-55.10	-13.00	-42.10	-53.08	-36.36	-18.74
54.28	V	-58.17	-13.00	-45.17	-57.05	-43.03	-15.14
62.11	V	-55.09	-13.00	-42.09	-55.30	-41.97	-13.12
77.55	V	-57.70	-13.00	-44.70	-57.16	-49.81	-7.89
105.61	V	-57.62	-13.00	-44.62	-58.50	-52.30	-5.32
210.48	V	-60.99	-13.00	-47.99	-61.92	-59.78	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39700 + 41515						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.74	H	-60.05	-13.00	-47.05	-66.70	-42.34	-17.71
80.46	H	-61.55	-13.00	-48.55	-59.99	-54.62	-6.93
86.27	H	-61.21	-13.00	-48.21	-58.94	-55.60	-5.61
110.52	H	-60.68	-13.00	-47.68	-59.48	-55.16	-5.52
124.13	H	-62.06	-13.00	-49.06	-60.90	-55.99	-6.07
210.48	H	-65.96	-13.00	-52.96	-61.85	-64.75	-1.21
30.00	V	-55.64	-13.00	-42.64	-56.72	-36.19	-19.45
54.26	V	-56.93	-13.00	-43.93	-55.81	-41.79	-15.14
62.06	V	-55.74	-13.00	-42.74	-55.94	-42.61	-13.13
80.41	V	-55.78	-13.00	-42.78	-55.29	-48.84	-6.94
99.89	V	-58.97	-13.00	-45.97	-59.97	-53.87	-5.10
199.71	V	-60.65	-13.00	-47.65	-61.38	-59.39	-1.26

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39700 + 41490						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.89	H	-59.70	-13.00	-46.70	-67.08	-41.72	-17.98
63.93	H	-62.80	-13.00	-49.80	-63.48	-50.30	-12.50
79.42	H	-61.04	-13.00	-48.04	-59.62	-53.81	-7.23
110.57	H	-60.91	-13.00	-47.91	-59.71	-55.39	-5.52
124.12	H	-61.37	-13.00	-48.37	-60.21	-55.30	-6.07
215.26	H	-64.07	-13.00	-51.07	-60.07	-62.87	-1.20
30.93	V	-54.86	-13.00	-41.86	-54.96	-35.63	-19.23
36.79	V	-57.53	-13.00	-44.53	-52.81	-39.54	-17.99
55.26	V	-56.67	-13.00	-43.67	-55.75	-41.75	-14.92
62.08	V	-52.76	-13.00	-39.76	-52.97	-39.63	-13.13
79.42	V	-57.40	-13.00	-44.40	-56.90	-50.17	-7.23
202.65	V	-47.31	-13.00	-34.31	-61.07	-46.08	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39725 + 41565						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.73	H	-60.03	-13.00	-47.03	-66.68	-42.32	-17.71
80.44	H	-61.54	-13.00	-48.54	-59.99	-54.61	-6.93
86.26	H	-61.19	-13.00	-48.19	-58.92	-55.58	-5.61
110.51	H	-60.67	-13.00	-47.67	-59.47	-55.15	-5.52
124.09	H	-62.02	-13.00	-49.02	-60.86	-55.95	-6.07
210.42	H	-66.00	-13.00	-53.00	-61.89	-64.79	-1.21
30.00	V	-55.63	-13.00	-42.63	-56.71	-36.18	-19.45
54.25	V	-56.91	-13.00	-43.91	-55.78	-41.77	-15.14
62.01	V	-55.77	-13.00	-42.77	-55.97	-42.62	-13.15
80.44	V	-55.82	-13.00	-42.82	-55.33	-48.89	-6.93
99.84	V	-58.90	-13.00	-45.90	-59.89	-53.81	-5.09
199.75	V	-60.72	-13.00	-47.72	-61.45	-59.46	-1.26

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39725 + 41540						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.77	H	-59.14	-13.00	-46.14	-65.77	-41.43	-17.71
54.29	H	-62.73	-13.00	-49.73	-65.37	-47.60	-15.13
79.41	H	-62.90	-13.00	-49.90	-61.48	-55.66	-7.24
108.58	H	-60.74	-13.00	-47.74	-59.56	-55.30	-5.44
124.18	H	-61.88	-13.00	-48.88	-60.72	-55.81	-6.07
210.50	H	-65.15	-13.00	-52.15	-61.04	-63.94	-1.21
32.96	V	-55.11	-13.00	-42.11	-53.07	-36.37	-18.74
54.25	V	-58.13	-13.00	-45.13	-57.00	-42.99	-15.14
62.14	V	-55.16	-13.00	-42.16	-55.38	-42.05	-13.11
77.56	V	-57.76	-13.00	-44.76	-57.22	-49.87	-7.89
105.64	V	-57.68	-13.00	-44.68	-58.56	-52.35	-5.33
210.42	V	-60.81	-13.00	-47.81	-61.74	-59.60	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39725 + 41515						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.77	H	-59.74	-13.00	-46.74	-67.16	-41.74	-18.00
63.95	H	-62.79	-13.00	-49.79	-63.47	-50.30	-12.49
79.47	H	-61.09	-13.00	-48.09	-59.66	-53.87	-7.22
110.51	H	-60.92	-13.00	-47.92	-59.72	-55.40	-5.52
124.15	H	-61.33	-13.00	-48.33	-60.17	-55.26	-6.07
215.23	H	-64.06	-13.00	-51.06	-60.06	-62.86	-1.20
30.94	V	-54.82	-13.00	-41.82	-54.91	-35.60	-19.22
36.84	V	-57.56	-13.00	-44.56	-52.83	-39.57	-17.99
55.27	V	-56.63	-13.00	-43.63	-55.71	-41.71	-14.92
62.08	V	-52.71	-13.00	-39.71	-52.92	-39.58	-13.13
79.45	V	-57.46	-13.00	-44.46	-56.96	-50.24	-7.22
202.72	V	-60.31	-13.00	-47.31	-61.07	-59.08	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39725 + 41490						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.74	H	-59.17	-13.00	-46.17	-65.82	-41.46	-17.71
54.38	H	-62.74	-13.00	-49.74	-65.35	-47.63	-15.11
79.43	H	-62.85	-13.00	-49.85	-61.43	-55.62	-7.23
108.59	H	-60.70	-13.00	-47.70	-59.52	-55.26	-5.44
124.12	H	-61.79	-13.00	-48.79	-60.63	-55.72	-6.07
210.56	H	-65.18	-13.00	-52.18	-61.07	-63.97	-1.21
32.92	V	-55.14	-13.00	-42.14	-53.14	-36.39	-18.75
54.29	V	-58.13	-13.00	-45.13	-57.01	-43.00	-15.13
62.17	V	-55.10	-13.00	-42.10	-55.32	-42.00	-13.10
77.60	V	-57.74	-13.00	-44.74	-57.20	-49.87	-7.87
105.63	V	-57.61	-13.00	-44.61	-58.49	-52.28	-5.33
210.46	V	-60.90	-13.00	-47.90	-61.83	-59.69	-1.21

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39750 + 41565						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.83	H	-59.72	-13.00	-46.72	-67.12	-41.73	-17.99
63.94	H	-62.82	-13.00	-49.82	-63.50	-50.32	-12.50
79.45	H	-61.06	-13.00	-48.06	-59.64	-53.84	-7.22
110.58	H	-60.95	-13.00	-47.95	-59.75	-55.43	-5.52
124.06	H	-61.37	-13.00	-48.37	-60.21	-55.30	-6.07
215.26	H	-64.04	-13.00	-51.04	-60.04	-62.84	-1.20
30.95	V	-54.84	-13.00	-41.84	-54.92	-35.62	-19.22
36.81	V	-57.55	-13.00	-44.55	-52.83	-39.56	-17.99
55.21	V	-56.66	-13.00	-43.66	-55.73	-41.73	-14.93
62.03	V	-52.78	-13.00	-39.78	-52.98	-39.64	-13.14
79.46	V	-57.41	-13.00	-44.41	-56.91	-50.19	-7.22
202.69	V	-58.28	-13.00	-45.28	-61.04	-57.05	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39750 + 41540						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.84	H	-59.76	-13.00	-46.76	-67.16	-41.77	-17.99
69.94	H	-62.85	-13.00	-49.85	-63.53	-50.35	-12.50
79.48	H	-61.02	-13.00	-48.02	-59.59	-53.81	-7.21
110.53	H	-60.93	-13.00	-47.93	-59.73	-55.41	-5.52
124.02	H	-61.33	-13.00	-48.33	-60.17	-55.26	-6.07
215.23	H	-64.02	-13.00	-51.02	-60.02	-62.82	-1.20
30.94	V	-54.77	-13.00	-41.77	-54.86	-35.55	-19.22
36.72	V	-57.52	-13.00	-44.52	-52.82	-39.52	-18.00
55.21	V	-56.68	-13.00	-43.68	-55.75	-41.75	-14.93
62.04	V	-52.86	-13.00	-39.86	-53.06	-39.72	-13.14
79.43	V	-57.42	-13.00	-44.42	-56.92	-50.19	-7.23
202.66	V	-60.18	-13.00	-47.18	-60.94	-58.95	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39750 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.86	H	-59.73	-13.00	-46.73	-67.12	-41.75	-17.98
63.93	H	-62.88	-13.00	-49.88	-63.56	-50.38	-12.50
79.46	H	-61.03	-13.00	-48.03	-59.60	-53.81	-7.22
110.58	H	-60.95	-13.00	-47.95	-59.75	-55.43	-5.52
124.06	H	-61.37	-13.00	-48.37	-60.21	-55.30	-6.07
215.26	H	-64.07	-13.00	-51.07	-60.07	-62.87	-1.20
30.91	V	-54.78	-13.00	-41.78	-54.90	-35.55	-19.23
36.75	V	-57.54	-13.00	-44.54	-52.84	-39.54	-18.00
55.29	V	-56.60	-13.00	-43.60	-55.68	-41.69	-14.91
62.10	V	-52.89	-13.00	-39.89	-53.10	-39.77	-13.12
79.47	V	-57.40	-13.00	-44.40	-56.90	-50.18	-7.22
202.63	V	-60.21	-13.00	-47.21	-60.97	-58.98	-1.23

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39750 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.78	H	-60.51	-13.00	-47.51	-67.93	-42.52	-17.99
52.34	H	-62.99	-13.00	-49.99	-66.27	-47.44	-15.55
86.23	H	-61.90	-13.00	-48.90	-59.62	-56.28	-5.62
108.53	H	-60.61	-13.00	-47.61	-59.43	-55.17	-5.44
124.16	H	-62.48	-13.00	-49.48	-61.32	-56.41	-6.07
210.46	H	-66.07	-13.00	-53.07	-61.96	-64.86	-1.21
30.00	V	-55.65	-13.00	-42.65	-56.73	-36.20	-19.45
54.26	V	-56.82	-13.00	-43.82	-55.70	-41.68	-15.14
62.03	V	53.55	-13.00	66.55	-53.75	66.69	-13.14
82.37	V	-55.64	-13.00	-42.64	-55.09	-49.15	-6.49
124.00	V	-63.77	-13.00	-50.77	-64.62	-57.70	-6.07
208.50	V	-60.12	-13.00	-47.12	-61.01	-58.91	-1.21

Note: EIRP = S.G Power value + Correction factor.

3.2.7 Test Result of Radiated Emissions above 1GHz (Non Contiguous CA Mode)

Mode	LTE Band 41, QPSK, CB:5+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39675 + 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4992.60	H	-48.34	-13.00	-35.34	-62.28	-54.87	6.53
5379.40	H	-49.82	-13.00	-36.82	-63.34	-56.62	6.80
7488.90	H	-43.24	-13.00	-30.24	-61.69	-46.63	3.39
8069.10	H	-41.26	-13.00	-28.26	-60.64	-43.86	2.60
9985.20	H	-39.54	-13.00	-26.54	-61.82	-41.21	1.67
10758.80	H	-33.32	-13.00	-20.32	-55.39	-34.39	1.07
4992.60	V	-49.32	-13.00	-36.32	-63.03	-55.85	6.53
5379.40	V	-49.47	-13.00	-36.47	-63.05	-56.27	6.80
7488.90	V	-39.82	-13.00	-26.82	-58.85	-43.21	3.39
8069.10	V	-39.86	-13.00	-26.86	-59.35	-42.46	2.60
9985.20	V	-41.63	-13.00	-28.63	-62.11	-43.30	1.67
10758.80	V	-36.03	-13.00	-23.03	-57.48	-37.10	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39675 + 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4992.60	H	-48.35	-13.00	-35.35	-62.29	-54.88	6.53
5378.80	H	-49.63	-13.00	-36.63	-63.15	-56.43	6.80
7488.90	H	-42.88	-13.00	-29.88	-61.33	-46.27	3.39
8068.20	H	-40.78	-13.00	-27.78	-60.16	-43.38	2.60
9985.20	H	-39.77	-13.00	-26.77	-62.05	-41.44	1.67
10757.60	H	-33.02	-13.00	-20.02	-55.09	-34.09	1.07
4992.60	V	-48.85	-13.00	-35.85	-62.56	-55.38	6.53
5378.80	V	-49.13	-13.00	-36.13	-62.71	-55.93	6.80
7488.90	V	-39.65	-13.00	-26.65	-58.68	-43.04	3.39
8068.20	V	-39.77	-13.00	-26.77	-59.29	-42.37	2.60
9985.20	V	-41.44	-13.00	-28.44	-61.92	-43.11	1.67
10757.60	V	-35.78	-13.00	-22.78	-57.22	-36.85	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39675 + 41515						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
4992.60	H	-48.11	-13.00	-35.11	-62.05	-54.64	6.53
5378.20	H	-49.67	-13.00	-36.67	-63.19	-56.47	6.80
7488.90	H	-43.52	-13.00	-30.52	-61.97	-46.91	3.39
8067.30	H	-41.05	-13.00	-28.05	-60.42	-43.65	2.60
9985.20	H	-39.37	-13.00	-26.37	-61.65	-41.04	1.67
10756.40	H	-33.52	-13.00	-20.52	-55.59	-34.60	1.08
4992.60	V	-49.07	-13.00	-36.07	-62.78	-55.60	6.53
5378.20	V	-49.72	-13.00	-36.72	-63.30	-56.52	6.80
7488.90	V	-39.70	-13.00	-26.70	-58.73	-43.09	3.39
8067.30	V	-40.26	-13.00	-27.26	-59.77	-42.86	2.60
9985.20	V	-41.83	-13.00	-28.83	-62.31	-43.50	1.67
10756.40	V	-36.24	-13.00	-23.24	-57.68	-37.32	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39675 + 41490						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
4992.60	H	-48.08	-13.00	-35.08	-62.02	-54.61	6.53
5377.60	H	-49.63	-13.00	-36.63	-63.15	-56.43	6.80
7488.90	H	-43.33	-13.00	-30.33	-61.78	-46.72	3.39
8066.40	H	-41.48	-13.00	-28.48	-60.85	-44.08	2.60
9985.20	H	-39.35	-13.00	-26.35	-61.63	-41.02	1.67
10755.20	H	-33.41	-13.00	-20.41	-55.48	-34.49	1.08
4992.60	V	-49.04	-13.00	-36.04	-62.75	-55.57	6.53
5377.60	V	-50.18	-13.00	-37.18	-63.76	-56.98	6.80
7488.90	V	-39.62	-13.00	-26.62	-58.65	-43.01	3.39
8066.40	V	-39.86	-13.00	-26.86	-59.37	-42.46	2.60
9985.20	V	-41.86	-13.00	-28.86	-62.38	-43.53	1.67
10755.20	V	-36.39	-13.00	-23.39	-57.83	-37.47	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39700 + 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.20	H	-48.13	-13.00	-35.13	-62.07	-54.66	6.53
5379.40	H	-49.66	-13.00	-36.66	-63.18	-56.46	6.80
7489.80	H	-43.12	-13.00	-30.12	-61.56	-46.51	3.39
8069.10	H	-41.05	-13.00	-28.05	-60.43	-43.65	2.60
9986.40	H	-39.33	-13.00	-26.33	-61.61	-41.00	1.67
10758.80	H	-33.12	-13.00	-20.12	-55.19	-34.19	1.07
4993.20	V	-48.86	-13.00	-35.86	-62.57	-55.39	6.53
5379.40	V	-49.15	-13.00	-36.15	-62.73	-55.95	6.80
7489.80	V	-39.65	-13.00	-26.65	-58.67	-43.04	3.39
8069.10	V	-39.24	-13.00	-26.24	-58.76	-41.84	2.60
9986.40	V	-41.02	-13.00	-28.02	-61.49	-42.69	1.67
10758.80	V	-35.88	-13.00	-22.88	-57.33	-36.95	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39700 + 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.20	H	-48.18	-13.00	-35.18	-62.12	-54.71	6.53
5378.80	H	-49.53	-13.00	-36.53	-63.05	-56.33	6.80
7489.80	H	-42.94	-13.00	-29.94	-61.38	-46.33	3.39
8068.20	H	-41.15	-13.00	-28.15	-60.53	-43.75	2.60
9986.40	H	-39.43	-13.00	-26.43	-61.71	-41.10	1.67
10757.60	H	-33.61	-13.00	-20.61	-55.68	-34.68	1.07
4993.20	V	-49.07	-13.00	-36.07	-62.78	-55.60	6.53
5378.80	V	-48.96	-13.00	-35.96	-62.54	-55.76	6.80
7489.80	V	-39.97	-13.00	-26.97	-58.99	-43.36	3.39
8068.20	V	-39.61	-13.00	-26.61	-59.13	-42.21	2.60
9986.40	V	-41.27	-13.00	-28.27	-61.74	-42.94	1.67
10757.60	V	-36.24	-13.00	-23.24	-57.68	-37.31	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39700 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.20	H	-48.21	-13.00	-35.21	-62.15	-54.74	6.53
5378.20	H	-49.27	-13.00	-36.27	-62.79	-56.07	6.80
7489.80	H	-42.94	-13.00	-29.94	-61.38	-46.33	3.39
8067.30	H	-41.11	-13.00	-28.11	-60.48	-43.71	2.60
9986.40	H	-39.39	-13.00	-26.39	-61.67	-41.06	1.67
10756.40	H	-33.21	-13.00	-20.21	-55.28	-34.29	1.08
4993.20	V	-49.14	-13.00	-36.14	-62.85	-55.67	6.53
5378.20	V	-48.94	-13.00	-35.94	-62.52	-55.74	6.80
7489.80	V	-39.43	-13.00	-26.43	-58.45	-42.82	3.39
8067.30	V	-39.86	-13.00	-26.86	-59.37	-42.46	2.60
9986.40	V	-41.91	-13.00	-28.91	-62.38	-43.58	1.67
10756.40	V	-36.18	-13.00	-23.18	-57.62	-37.26	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39700 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.20	H	-48.73	-13.00	-35.73	-62.67	-55.26	6.53
5377.60	H	-49.72	-13.00	-36.72	-63.24	-56.52	6.80
7489.80	H	-43.14	-13.00	-30.14	-61.58	-46.53	3.39
8066.40	H	-41.15	-13.00	-28.15	-60.52	-43.75	2.60
9986.40	H	-38.49	-13.00	-25.49	-60.77	-40.16	1.67
10755.20	H	-34.24	-13.00	-21.24	-56.31	-35.32	1.08
4993.20	V	-49.15	-13.00	-36.15	-62.86	-55.68	6.53
5377.60	V	-50.10	-13.00	-37.10	-63.68	-56.90	6.80
7489.80	V	-39.74	-13.00	-26.74	-58.76	-43.13	3.39
8066.40	V	-40.12	-13.00	-27.12	-59.63	-42.72	2.60
9986.40	V	-41.97	-13.00	-28.97	-62.44	-43.64	1.67
10755.20	V	-36.25	-13.00	-23.25	-57.69	-37.33	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39725 + 41565						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.80	H	-48.49	-13.00	-35.49	-62.43	-55.01	6.52
5379.40	H	-49.75	-13.00	-36.75	-63.27	-56.55	6.80
7490.70	H	-43.14	-13.00	-30.14	-61.58	-46.53	3.39
8069.10	H	-41.40	-13.00	-28.40	-60.78	-44.00	2.60
9987.60	H	-39.43	-13.00	-26.43	-61.71	-41.10	1.67
10758.80	H	-33.14	-13.00	-20.14	-55.21	-34.21	1.07
4993.80	V	-49.07	-13.00	-36.07	-62.78	-55.59	6.52
5379.40	V	-49.18	-13.00	-36.18	-62.76	-55.98	6.80
7490.70	V	-39.66	-13.00	-26.66	-58.68	-43.05	3.39
8069.10	V	-39.62	-13.00	-26.62	-59.14	-42.22	2.60
9987.60	V	-41.96	-13.00	-28.96	-62.44	-43.63	1.67
10758.80	V	-36.12	-13.00	-23.12	-57.57	-37.19	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39725 + 41540						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.80	H	-48.24	-13.00	-35.24	-62.18	-54.76	6.52
5378.80	H	-49.72	-13.00	-36.72	-63.24	-56.52	6.80
7490.70	H	-43.09	-13.00	-30.09	-61.53	-46.48	3.39
8068.20	H	-41.38	-13.00	-28.38	-60.76	-43.98	2.60
9987.60	H	-39.38	-13.00	-26.38	-61.66	-41.05	1.67
10757.60	H	-33.79	-13.00	-20.79	-55.86	-34.86	1.07
4993.80	V	-49.15	-13.00	-36.15	-62.86	-55.67	6.52
5378.80	V	-49.27	-13.00	-36.27	-62.85	-56.07	6.80
7490.70	V	-39.34	-13.00	-26.34	-58.36	-42.73	3.39
8068.20	V	-39.61	-13.00	-26.61	-59.13	-42.21	2.60
9987.60	V	-41.30	-13.00	-28.30	-61.78	-42.97	1.67
10757.60	V	-35.92	-13.00	-22.92	-57.36	-36.99	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39725 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.80	H	-48.19	-13.00	-35.19	-62.13	-54.71	6.52
5378.20	H	-49.36	-13.00	-36.36	-62.88	-56.16	6.80
7490.70	H	-43.52	-13.00	-30.52	-61.96	-46.91	3.39
8067.30	H	-41.14	-13.00	-28.14	-60.51	-43.74	2.60
9987.60	H	-39.06	-13.00	-26.06	-61.34	-40.73	1.67
10756.40	H	-33.79	-13.00	-20.79	-55.86	-34.87	1.08
4993.80	V	-49.66	-13.00	-36.66	-63.37	-56.18	6.52
5378.20	V	-48.95	-13.00	-35.95	-62.53	-55.75	6.80
7490.70	V	-39.76	-13.00	-26.76	-58.78	-43.15	3.39
8067.30	V	-39.80	-13.00	-26.80	-59.31	-42.40	2.60
9987.60	V	-41.96	-13.00	-28.96	-62.44	-43.63	1.67
10756.40	V	-36.38	-13.00	-23.38	-57.82	-37.46	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39725 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4993.80	H	-48.21	-13.00	-35.21	-62.15	-54.73	6.52
5377.60	H	-49.66	-13.00	-36.66	-63.18	-56.46	6.80
7490.70	H	-43.08	-13.00	-30.08	-61.52	-46.47	3.39
8066.40	H	-41.06	-13.00	-28.06	-60.43	-43.66	2.60
9987.60	H	-39.43	-13.00	-26.43	-61.71	-41.10	1.67
10755.20	H	-33.61	-13.00	-20.61	-55.68	-34.69	1.08
4993.80	V	-48.77	-13.00	-35.77	-62.48	-55.29	6.52
5377.60	V	-49.59	-13.00	-36.59	-63.17	-56.39	6.80
7490.70	V	-39.70	-13.00	-26.70	-58.72	-43.09	3.39
8066.40	V	-39.61	-13.00	-26.61	-59.12	-42.21	2.60
9987.60	V	-42.04	-13.00	-29.04	-62.52	-43.71	1.67
10755.20	V	-35.83	-13.00	-22.83	-57.27	-36.91	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 0 + 1 RB Offset 24, Channel: 39750 + 41565						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
4994.40	H	-48.40	-13.00	-35.40	-62.35	-54.92	6.52
5379.40	H	-49.96	-13.00	-36.96	-63.48	-56.76	6.80
7491.60	H	-43.69	-13.00	-30.69	-62.12	-47.08	3.39
8069.10	H	-41.48	-13.00	-28.48	-60.86	-44.08	2.60
9988.80	H	-40.03	-13.00	-27.03	-62.32	-41.70	1.67
10758.80	H	-33.14	-13.00	-20.14	-55.21	-34.21	1.07
4994.40	V	-48.65	-13.00	-35.65	-62.37	-55.17	6.52
5379.40	V	-49.16	-13.00	-36.16	-62.74	-55.96	6.80
7491.60	V	-39.55	-13.00	-26.55	-58.56	-42.94	3.39
8069.10	V	-39.84	-13.00	-26.84	-59.36	-42.44	2.60
9988.80	V	-41.89	-13.00	-28.89	-62.37	-43.56	1.67
10758.80	V	-35.92	-13.00	-22.92	-57.37	-36.99	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 0 + 1 RB Offset 49, Channel: 39750 + 41540						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
4994.40	H	-48.20	-13.00	-35.20	-62.15	-54.72	6.52
5378.80	H	-49.89	-13.00	-36.89	-63.41	-56.69	6.80
7491.60	H	-43.05	-13.00	-30.05	-61.48	-46.44	3.39
8068.20	H	-41.19	-13.00	-28.19	-60.57	-43.79	2.60
9988.80	H	-39.04	-13.00	-26.04	-61.33	-40.71	1.67
10757.60	H	-33.95	-13.00	-20.95	-56.02	-35.02	1.07
4994.40	V	-48.96	-13.00	-35.96	-62.68	-55.48	6.52
5378.80	V	-48.85	-13.00	-35.85	-62.43	-55.65	6.80
7491.60	V	-39.43	-13.00	-26.43	-58.44	-42.82	3.39
8068.20	V	-40.14	-13.00	-27.14	-59.66	-42.74	2.60
9988.80	V	-42.00	-13.00	-29.00	-62.48	-43.67	1.67
10757.60	V	-36.24	-13.00	-23.24	-57.68	-37.31	1.07

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 0 + 1 RB Offset 74, Channel: 39750 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4994.40	H	-48.20	-13.00	-35.20	-62.15	-54.72	6.52
5378.20	H	-49.76	-13.00	-36.76	-63.28	-56.56	6.80
7491.60	H	-43.05	-13.00	-30.05	-61.48	-46.44	3.39
8067.30	H	-41.49	-13.00	-28.49	-60.86	-44.09	2.60
9988.80	H	-39.54	-13.00	-26.54	-61.83	-41.21	1.67
10756.40	H	-33.61	-13.00	-20.61	-55.68	-34.69	1.08
4994.40	V	-49.13	-13.00	-36.13	-62.85	-55.65	6.52
5378.20	V	-49.20	-13.00	-36.20	-62.78	-56.00	6.80
7491.60	V	-39.72	-13.00	-26.72	-58.73	-43.11	3.39
8067.30	V	-39.66	-13.00	-26.66	-59.17	-42.26	2.60
9988.80	V	-41.90	-13.00	-28.90	-62.38	-43.57	1.67
10756.40	V	-35.64	-13.00	-22.64	-57.08	-36.72	1.08

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 0 + 1 RB Offset 99, Channel: 39750 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
4994.40	H	-48.53	-13.00	-35.53	-62.48	-55.05	6.52
5377.60	H	-50.16	-13.00	-37.16	-63.68	-56.96	6.80
7491.60	H	-43.09	-13.00	-30.09	-61.52	-46.48	3.39
8066.40	H	-40.86	-13.00	-27.86	-60.23	-43.46	2.60
9988.80	H	-39.67	-13.00	-26.67	-61.96	-41.34	1.67
10755.20	H	-33.41	-13.00	-20.41	-55.48	-34.49	1.08
4994.40	V	-48.91	-13.00	-35.91	-62.63	-55.43	6.52
5377.60	V	-49.26	-13.00	-36.26	-62.84	-56.06	6.80
7491.60	V	-39.95	-13.00	-26.95	-58.96	-43.34	3.39
8066.40	V	-39.26	-13.00	-26.26	-58.77	-41.86	2.60
9988.80	V	-41.70	-13.00	-28.70	-62.18	-43.37	1.67
10755.20	V	-36.20	-13.00	-23.20	-57.64	-37.28	1.08

Note: EIRP = S.G Power value + Correction factor.

3.2.8 Test Result of Radiated Emissions below 1GHz (Contiguous CA Mode)

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 24 + 1 RB Offset 0, Channel: 40528 + 40645						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
38.73	H	-58.96	-13.00	-45.96	-65.61	-41.25	-17.71
52.31	H	-62.00	-13.00	-49.00	-65.29	-46.44	-15.56
108.57	H	-61.08	-13.00	-48.08	-59.90	-55.64	-5.44
124.09	H	-61.68	-13.00	-48.68	-60.52	-55.61	-6.07
208.48	H	-65.42	-13.00	-52.42	-61.27	-64.21	-1.21
624.61	H	-62.61	-13.00	-49.61	-67.30	-60.77	-1.84
32.91	V	-53.84	-13.00	-40.84	-51.85	-35.09	-18.75
55.22	V	-57.79	-13.00	-44.79	-56.86	-42.86	-14.93
62.01	V	-55.81	-13.00	-42.81	-56.01	-42.66	-13.15
79.47	V	-57.20	-13.00	-44.20	-56.70	-49.98	-7.22
101.78	V	-57.59	-13.00	-44.59	-58.56	-52.42	-5.17
204.60	V	-60.43	-13.00	-47.43	-61.24	-59.21	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 40549 + 40669						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.79	H	-58.92	-13.00	-45.92	-66.33	-40.93	-17.99
52.31	H	-62.24	-13.00	-49.24	-65.53	-46.68	-15.56
79.47	H	-62.28	-13.00	-49.28	-60.85	-55.06	-7.22
108.57	H	-60.46	-13.00	-47.46	-59.28	-55.02	-5.44
124.09	H	-60.38	-13.00	-47.38	-59.22	-54.31	-6.07
211.39	H	-64.90	-13.00	-51.90	-60.81	-63.69	-1.21
30.00	V	-54.30	-13.00	-41.30	-55.38	-34.85	-19.45
54.25	V	-56.46	-13.00	-43.46	-55.33	-41.32	-15.14
73.65	V	-57.83	-13.00	-44.83	-56.85	-48.57	-9.26
80.44	V	-57.38	-13.00	-44.38	-56.89	-50.45	-6.93
105.66	V	-56.96	-13.00	-43.96	-57.84	-51.63	-5.33
205.57	V	-60.86	-13.00	-47.86	-61.69	-59.64	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 40526 + 40670						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.84	H	-58.93	-13.00	-45.93	-66.33	-40.94	-17.99
51.36	H	-62.58	-13.00	-49.58	-66.17	-46.81	-15.77
62.11	H	-62.52	-13.00	-49.52	-63.38	-49.40	-13.12
80.45	H	-62.62	-13.00	-49.62	-61.06	-55.69	-6.93
108.52	H	-59.88	-13.00	-46.88	-58.70	-54.44	-5.44
124.39	H	-61.23	-13.00	-48.23	-60.08	-55.15	-6.08
30.00	V	-53.33	-13.00	-40.33	-54.41	-33.88	-19.45
33.86	V	-54.58	-13.00	-41.58	-51.59	-36.06	-18.52
54.27	V	-56.20	-13.00	-43.20	-55.08	-41.06	-15.14
80.48	V	-55.85	-13.00	-42.85	-55.36	-48.93	-6.92
107.60	V	-57.60	-13.00	-44.60	-58.44	-52.20	-5.40
204.64	V	-61.19	-13.00	-48.19	-62.00	-59.97	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40571 + 40691						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
38.70	H	-58.92	-13.00	-45.92	-65.58	-41.20	-17.72
52.39	H	-62.04	-13.00	-49.04	-65.30	-46.50	-15.54
108.50	H	-61.02	-13.00	-48.02	-59.84	-55.58	-5.44
124.14	H	-61.70	-13.00	-48.70	-60.54	-55.63	-6.07
208.44	H	-65.49	-13.00	-52.49	-61.34	-64.28	-1.21
624.67	H	-62.55	-13.00	-49.55	-67.24	-60.71	-1.84
32.84	V	-53.76	-13.00	-40.76	-51.85	-34.99	-18.77
55.29	V	-57.71	-13.00	-44.71	-56.79	-42.80	-14.91
61.95	V	-55.86	-13.00	-42.86	-56.06	-42.69	-13.17
79.53	V	-57.28	-13.00	-44.28	-56.79	-50.08	-7.20
101.70	V	-57.57	-13.00	-44.57	-58.54	-52.40	-5.17
204.66	V	-60.47	-13.00	-47.47	-61.28	-59.25	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40545 + 40695						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.73	H	-58.90	-13.00	-45.90	-65.55	-41.19	-17.71
52.36	H	-62.07	-13.00	-49.07	-65.34	-46.52	-15.55
108.55	H	-61.08	-13.00	-48.08	-59.90	-55.64	-5.44
124.15	H	-61.64	-13.00	-48.64	-60.48	-55.57	-6.07
208.45	H	-65.51	-13.00	-52.51	-61.36	-64.30	-1.21
524.68	H	-62.59	-13.00	-49.59	-67.28	-60.75	-1.84
32.88	V	-55.75	-13.00	-42.75	-51.79	-36.99	-18.76
55.33	V	-57.64	-13.00	-44.64	-56.73	-42.74	-14.90
61.97	V	-55.81	-13.00	-42.81	-56.00	-42.65	-13.16
79.59	V	-57.37	-13.00	-44.37	-56.88	-50.20	-7.17
101.68	V	-57.62	-13.00	-44.62	-58.59	-52.45	-5.17
204.69	V	-60.48	-13.00	-47.48	-61.29	-59.26	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40523 + 40694						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.77	H	-58.91	-13.00	-45.91	-66.33	-40.91	-18.00
52.32	H	-62.28	-13.00	-49.28	-65.56	-46.72	-15.56
79.47	H	-62.26	-13.00	-49.26	-60.83	-55.04	-7.22
108.44	H	-60.48	-13.00	-47.48	-59.30	-55.04	-5.44
124.16	H	-60.39	-13.00	-47.39	-59.23	-54.32	-6.07
211.38	H	-64.83	-13.00	-51.83	-60.74	-63.62	-1.21
30.06	V	-54.34	-13.00	-41.34	-55.36	-34.90	-19.44
54.24	V	-56.49	-13.00	-43.49	-55.36	-41.35	-15.14
73.57	V	-57.83	-13.00	-44.83	-56.83	-48.54	-9.29
80.46	V	-57.35	-13.00	-44.35	-56.86	-50.42	-6.93
105.74	V	-56.88	-13.00	-43.88	-57.76	-51.55	-5.33
205.52	V	-60.89	-13.00	-47.89	-61.72	-59.67	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40595 + 40712						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.79	H	-58.96	-13.00	-45.96	-66.37	-40.97	-17.99
51.34	H	-62.52	-13.00	-49.52	-66.12	-46.75	-15.77
62.01	H	-62.55	-13.00	-49.55	-63.42	-49.40	-13.15
80.44	H	-62.66	-13.00	-49.66	-61.11	-55.73	-6.93
108.57	H	-59.83	-13.00	-46.83	-58.65	-54.39	-5.44
124.09	H	-61.18	-13.00	-48.18	-60.02	-55.11	-6.07
30.00	V	-53.30	-13.00	-40.30	-54.38	-33.85	-19.45
33.88	V	-54.56	-13.00	-41.56	-51.55	-36.04	-18.52
54.25	V	-56.17	-13.00	-43.17	-55.04	-41.03	-15.14
80.44	V	-55.80	-13.00	-42.80	-55.31	-48.87	-6.93
107.60	V	-57.69	-13.00	-44.69	-58.53	-52.29	-5.40
204.60	V	-61.16	-13.00	-48.16	-61.97	-59.94	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40571 + 40715						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
36.74	H	-58.94	-13.00	-45.94	-66.37	-40.94	-18.00
52.36	H	-62.29	-13.00	-49.29	-65.56	-46.74	-15.55
79.44	H	-62.26	-13.00	-49.26	-60.84	-55.03	-7.23
108.50	H	-60.43	-13.00	-47.43	-59.25	-54.99	-5.44
124.11	H	-60.40	-13.00	-47.40	-59.24	-54.33	-6.07
211.34	H	-64.84	-13.00	-51.84	-60.75	-63.63	-1.21
30.12	V	-54.33	-13.00	-41.33	-55.28	-34.91	-19.42
54.26	V	-56.46	-13.00	-43.46	-55.34	-41.32	-15.14
73.61	V	-57.87	-13.00	-44.87	-56.88	-48.59	-9.28
80.41	V	-57.32	-13.00	-44.32	-56.83	-50.38	-6.94
105.69	V	-56.90	-13.00	-43.90	-57.78	-51.57	-5.33
205.58	V	-60.83	-13.00	-47.83	-61.66	-59.61	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40546 + 40717						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
36.80	H	-58.94	-13.00	-45.94	-66.35	-40.95	-17.99
52.35	H	-62.22	-13.00	-49.22	-65.49	-46.67	-15.55
79.46	H	-62.32	-13.00	-49.32	-60.89	-55.10	-7.22
108.59	H	-60.47	-13.00	-47.47	-59.29	-55.03	-5.44
124.13	H	-60.37	-13.00	-47.37	-59.21	-54.30	-6.07
211.40	H	-64.89	-13.00	-51.89	-60.80	-63.68	-1.21
30.10	V	-54.39	-13.00	-41.39	-55.36	-34.96	-19.43
54.28	V	-56.43	-13.00	-43.43	-55.31	-41.29	-15.14
73.63	V	-57.80	-13.00	-44.80	-56.81	-48.53	-9.27
80.41	V	-57.35	-13.00	-44.35	-56.86	-50.41	-6.94
105.68	V	-56.94	-13.00	-43.94	-57.82	-51.61	-5.33
205.57	V	-60.87	-13.00	-47.87	-61.70	-59.65	-1.22

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40521 + 40719						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
38.74	H	-58.93	-13.00	-45.93	-65.58	-41.22	-17.71
52.41	H	-62.14	-13.00	-49.14	-65.39	-46.60	-15.54
108.52	H	-61.10	-13.00	-48.10	-59.92	-55.66	-5.44
124.18	H	-61.62	-13.00	-48.62	-60.46	-55.55	-6.07
208.47	H	-65.54	-13.00	-52.54	-61.39	-64.33	-1.21
624.64	H	-62.57	-13.00	-49.57	-67.26	-60.73	-1.84
32.90	V	-53.74	-13.00	-40.74	-51.76	-34.99	-18.75
55.34	V	-57.66	-13.00	-44.66	-56.75	-42.76	-14.90
61.95	V	-55.77	-13.00	-42.77	-55.97	-42.60	-13.17
79.53	V	-57.36	-13.00	-44.36	-56.87	-50.16	-7.20
101.69	V	-57.60	-13.00	-44.60	-58.57	-52.43	-5.17
204.73	V	-60.42	-13.00	-47.42	-61.23	-59.20	-1.22

Note: EIRP = S.G Power value + Correction factor.

3.2.9 Test Result of Radiated Emissions above 1GHz (Contiguous CA Mode)

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 24 + 1 RB Offset 0, Channel: 39683 + 39800						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
5003.00	H	-49.08	-13.00	-36.08	-63.04	-55.60	6.52
5004.40	H	-48.98	-13.00	-35.98	-62.94	-55.50	6.52
7504.50	H	-41.12	-13.00	-28.12	-59.48	-44.52	3.40
7506.60	H	-41.19	-13.00	-28.19	-59.54	-44.59	3.40
10006.00	H	-34.43	-13.00	-21.43	-56.76	-36.11	1.68
10008.80	H	-35.97	-13.00	-22.97	-58.29	-37.64	1.67
5003.00	V	-48.40	-13.00	-35.40	-62.14	-54.92	6.52
5004.40	V	-47.70	-13.00	-34.70	-61.44	-54.22	6.52
7504.50	V	-39.67	-13.00	-26.67	-58.62	-43.07	3.40
7506.60	V	-39.31	-13.00	-26.31	-58.25	-42.71	3.40
10006.00	V	-36.75	-13.00	-23.75	-57.25	-38.43	1.68
10008.80	V	-39.44	-13.00	-26.44	-59.94	-41.11	1.67

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 24 + 1 RB Offset 0, Channel: 40528 + 40645						
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
5172.00	H	-49.87	-13.00	-36.87	-63.54	-56.55	6.68
5173.40	H	-49.76	-13.00	-36.76	-63.43	-56.44	6.68
7758.00	H	-32.76	-13.00	-19.76	-51.64	-36.21	3.45
7760.10	H	-32.66	-13.00	-19.66	-51.55	-36.11	3.45
10344.00	H	-30.66	-13.00	-17.66	-52.84	-32.06	1.40
10346.80	H	-31.72	-13.00	-18.72	-53.90	-33.12	1.40
5172.00	V	-48.92	-13.00	-35.92	-62.51	-55.60	6.68
5173.40	V	-48.84	-13.00	-35.84	-62.43	-55.52	6.68
7758.00	V	-31.93	-13.00	-18.93	-61.26	-35.38	3.45
7760.10	V	-31.89	-13.00	-18.89	-51.26	-35.34	3.45
10344.00	V	-32.96	-13.00	-19.96	-53.67	-34.36	1.40
10346.80	V	-32.59	-13.00	-19.59	-53.30	-33.99	1.40

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:5+20 MHz, 1 RB Offset 24 + 1 RB Offset 0, Channel: 41373 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5341.00	H	-47.22	-13.00	-34.22	-60.76	-54.00	6.78
5342.40	H	-47.35	-13.00	-34.35	-60.89	-54.13	6.78
8011.50	H	-32.61	-13.00	-19.61	-51.91	-35.06	2.45
8013.60	H	-32.77	-13.00	-19.77	-52.07	-35.23	2.46
10682.00	H	-29.95	-13.00	-16.95	-52.03	-31.08	1.13
10684.80	H	-29.07	-13.00	-16.07	-51.15	-30.20	1.13
5341.00	V	-48.39	-13.00	-35.39	-61.97	-55.17	6.78
5342.40	V	-48.33	-13.00	-35.33	-61.91	-55.11	6.78
8011.50	V	-34.69	-13.00	-21.69	-54.13	-37.14	2.45
8013.60	V	-34.21	-13.00	-21.21	-53.65	-36.67	2.46
10682.00	V	-28.47	-13.00	-15.47	-49.72	-29.60	1.13
10684.80	V	-28.18	-13.00	-15.18	-49.44	-29.31	1.13

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 39703 + 39823						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5011.40	H	-48.91	-13.00	-35.91	-62.86	-55.44	6.53
5013.40	H	-48.90	-13.00	-35.90	-62.84	-55.43	6.53
7517.10	H	-41.06	-13.00	-28.06	-59.34	-44.47	3.41
7520.10	H	-40.85	-13.00	-27.85	-59.13	-44.26	3.41
10022.80	H	-33.89	-13.00	-20.89	-56.21	-35.55	1.66
10026.80	H	-35.84	-13.00	-22.84	-58.16	-37.50	1.66
5011.40	V	-48.42	-13.00	-35.42	-62.15	-54.95	6.53
5013.40	V	-47.62	-13.00	-34.62	-61.35	-54.15	6.53
7517.10	V	-39.85	-13.00	-26.85	-58.75	-43.26	3.41
7520.10	V	-39.42	-13.00	-26.42	-58.31	-42.83	3.41
10022.80	V	-36.16	-13.00	-23.16	-56.68	-37.82	1.66
10026.80	V	-38.83	-13.00	-25.83	-59.35	-40.49	1.66

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 40549 + 40669						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5180.60	H	-49.59	-13.00	-36.59	-63.25	-56.28	6.69
5182.60	H	-49.46	-13.00	-36.46	-63.12	-56.15	6.69
7770.90	H	-32.99	-13.00	-19.99	-51.95	-36.43	3.44
7773.90	H	-32.45	-13.00	-19.45	-51.43	-35.89	3.44
10361.20	H	-30.28	-13.00	-17.28	-52.45	-31.66	1.38
10365.20	H	-31.58	-13.00	-18.58	-53.75	-32.96	1.38
5180.60	V	-48.56	-13.00	-35.56	-62.14	-55.25	6.69
5182.60	V	-48.86	-13.00	-35.86	-62.45	-55.55	6.69
7770.90	V	-31.84	-13.00	-18.84	-51.23	-35.28	3.44
7773.90	V	-31.77	-13.00	-18.77	-51.18	-35.21	3.44
10361.20	V	-32.63	-13.00	-19.63	-53.34	-34.01	1.38
10365.20	V	-32.52	-13.00	-19.52	-53.24	-33.90	1.38

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+15 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 41395 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5349.80	H	-46.91	-13.00	-33.91	-60.45	-53.69	6.78
5351.80	H	-47.42	-13.00	-34.42	-60.96	-54.21	6.79
8024.70	H	-32.55	-13.00	-19.55	-51.86	-35.04	2.49
8027.70	H	-33.16	-13.00	-20.16	-52.48	-35.65	2.49
10699.60	H	-30.37	-13.00	-17.37	-52.45	-31.49	1.12
10703.60	H	-29.58	-13.00	-16.58	-51.66	-30.70	1.12
5349.80	V	-48.27	-13.00	-35.27	-61.86	-55.05	6.78
5351.80	V	-48.00	-13.00	-35.00	-61.59	-54.79	6.79
8024.70	V	-35.10	-13.00	-22.10	-54.55	-37.59	2.49
8027.70	V	-33.92	-13.00	-20.92	-53.38	-36.41	2.49
10699.60	V	-28.38	-13.00	-15.38	-49.68	-29.50	1.12
10703.60	V	-28.35	-13.00	-15.35	-49.65	-29.47	1.12

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 39705 + 39849						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5011.80	H	-48.59	-13.00	-35.59	-62.54	-55.12	6.53
5014.20	H	-48.50	-13.00	-35.50	-62.44	-55.03	6.53
7517.70	H	-41.09	-13.00	-28.09	-59.37	-44.50	3.41
7521.30	H	-41.05	-13.00	-28.05	-59.32	-44.46	3.41
10023.60	H	-33.54	-13.00	-20.54	-55.86	-35.20	1.66
10028.40	H	-35.99	-13.00	-22.99	-58.31	-37.65	1.66
5011.80	V	-48.39	-13.00	-35.39	-62.12	-54.92	6.53
5014.20	V	-47.59	-13.00	-34.59	-61.31	-54.12	6.53
7517.70	V	-39.65	-13.00	-26.65	-58.54	-43.06	3.41
7521.30	V	-39.75	-13.00	-26.75	-58.64	-43.16	3.41
10023.60	V	-36.94	-13.00	-23.94	-57.46	-38.60	1.66
10028.40	V	-38.41	-13.00	-25.41	-58.93	-40.07	1.66

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 40526 + 40670						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5176.00	H	-49.51	-13.00	-36.51	-63.18	-56.20	6.69
5178.40	H	-49.58	-13.00	-36.58	-63.24	-56.27	6.69
7764.00	H	-32.86	-13.00	-19.86	-51.78	-36.31	3.45
7767.60	H	-32.75	-13.00	-19.75	-51.69	-36.19	3.44
10352.00	H	-30.15	-13.00	-17.15	-52.32	-31.54	1.39
10356.80	H	-31.79	-13.00	-18.79	-53.96	-33.18	1.39
5176.00	V	-48.79	-13.00	-35.79	-62.38	-55.48	6.69
5178.40	V	-48.96	-13.00	-35.96	-62.54	-55.65	6.69
7764.00	V	-32.12	-13.00	-19.12	-51.48	-35.57	3.45
7767.60	V	-32.00	-13.00	-19.00	-51.38	-35.44	3.44
10352.00	V	-32.54	-13.00	-19.54	-53.25	-33.93	1.39
10356.80	V	-32.45	-13.00	-19.45	-53.16	-33.84	1.39

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:10+20 MHz, 1 RB Offset 49 + 1 RB Offset 0, Channel: 41346 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5340.00	H	-47.02	-13.00	-34.02	-60.56	-53.80	6.78
5342.40	H	-47.22	-13.00	-34.22	-60.76	-54.00	6.78
8010.00	H	-32.29	-13.00	-19.29	-51.58	-34.74	2.45
8013.60	H	-33.14	-13.00	-20.14	-52.44	-35.60	2.46
10680.00	H	-30.55	-13.00	-17.55	-52.63	-31.68	1.13
10684.80	H	-29.40	-13.00	-16.40	-51.48	-30.53	1.13
5340.00	V	-48.05	-13.00	-35.05	-61.63	-54.83	6.78
5342.40	V	-47.97	-13.00	-34.97	-61.55	-54.75	6.78
8010.00	V	-34.85	-13.00	-21.85	-54.28	-37.30	2.45
8013.60	V	-33.79	-13.00	-20.79	-53.23	-36.25	2.46
10680.00	V	-29.23	-13.00	-16.23	-50.48	-30.36	1.13
10684.80	V	-29.41	-13.00	-16.41	-50.67	-30.54	1.13

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 39725 + 39845						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5020.20	H	-48.74	-13.00	-35.74	-62.68	-55.28	6.54
5022.20	H	-49.20	-13.00	-36.20	-63.14	-55.74	6.54
7530.30	H	-41.26	-13.00	-28.26	-59.48	-44.68	3.42
7533.30	H	-41.48	-13.00	-28.48	-59.68	-44.90	3.42
10040.40	H	-34.46	-13.00	-21.46	-56.77	-36.11	1.65
10044.40	H	-37.00	-13.00	-24.00	-59.31	-38.64	1.64
5020.20	V	-48.94	-13.00	-35.94	-62.67	-55.48	6.54
5022.20	V	-48.13	-13.00	-35.13	-61.86	-54.67	6.54
7530.30	V	-40.48	-13.00	-27.48	-59.33	-43.90	3.42
7533.30	V	-40.45	-13.00	-27.45	-59.28	-43.87	3.42
10040.40	V	-37.69	-13.00	-24.69	-58.21	-39.34	1.65
10044.40	V	-40.02	-13.00	-27.02	-60.55	-41.66	1.64

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40571 + 40691						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5189.40	H	-48.90	-13.00	-35.90	-62.55	-55.60	6.70
5191.40	H	49.74	-13.00	62.74	-63.39	43.04	6.70
7784.10	H	-32.91	-13.00	-19.91	-51.96	-36.35	3.44
7787.10	H	-32.41	-13.00	-19.41	-51.49	-35.85	3.44
10378.80	H	-30.83	-13.00	-17.83	-52.99	-32.20	1.37
10382.80	H	-31.80	-13.00	-18.80	-53.96	-33.17	1.37
5189.40	V	-48.75	-13.00	-35.75	-62.33	-55.45	6.70
5191.40	V	-48.73	-13.00	-35.73	-62.31	-55.43	6.70
7784.10	V	-32.39	-13.00	-19.39	-51.85	-35.83	3.44
7787.10	V	-32.20	-13.00	-19.20	-51.68	-35.64	3.44
10378.80	V	-32.48	-13.00	-19.48	-53.21	-33.85	1.37
10382.80	V	-32.32	-13.00	-19.32	-53.05	-33.69	1.37

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+10 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 41417 + 41537						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5358.60	H	-46.90	-13.00	-33.90	-60.44	-53.69	6.79
5360.60	H	-46.71	-13.00	-33.71	-60.24	-53.50	6.79
8037.90	H	-33.30	-13.00	-20.30	-52.63	-35.82	2.52
8040.90	H	-33.32	-13.00	-20.32	-52.66	-35.85	2.53
10717.20	H	-30.20	-13.00	-17.20	-52.27	-31.30	1.10
10721.20	H	-30.68	-13.00	-17.68	-52.75	-31.78	1.10
5358.60	V	-48.62	-13.00	-35.62	-62.21	-55.41	6.79
5360.60	V	-48.79	-13.00	-35.79	-62.38	-55.58	6.79
8037.90	V	-33.98	-13.00	-20.98	-53.45	-36.50	2.52
8040.90	V	-34.40	-13.00	-21.40	-53.88	-36.93	2.53
10717.20	V	-28.29	-13.00	-15.29	-49.63	-29.39	1.10
10721.20	V	-28.33	-13.00	-15.33	-49.68	-29.43	1.10

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 39725 + 39875						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5020.20	H	-48.60	-13.00	-35.60	-62.54	-55.14	6.54
5023.80	H	-48.69	-13.00	-35.69	-62.62	-55.23	6.54
7530.30	H	-41.16	-13.00	-28.16	-59.38	-44.58	3.42
7535.70	H	-41.05	-13.00	-28.05	-59.24	-44.47	3.42
10040.40	H	-33.47	-13.00	-20.47	-55.78	-35.12	1.65
10047.60	H	-35.32	-13.00	-22.32	-57.63	-36.96	1.64
5020.20	V	-48.75	-13.00	-35.75	-62.48	-55.29	6.54
5023.80	V	-47.84	-13.00	-34.84	-61.56	-54.38	6.54
7530.30	V	-39.70	-13.00	-26.70	-58.55	-43.12	3.42
7535.70	V	-39.66	-13.00	-26.66	-58.48	-43.08	3.42
10040.40	V	-37.02	-13.00	-24.02	-57.54	-38.67	1.65
10047.60	V	-39.33	-13.00	-26.33	-59.86	-40.97	1.64

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40545 + 40695						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5184.20	H	-49.13	-13.00	-36.13	-62.79	-55.82	6.69
5187.80	H	-49.23	-13.00	-36.23	-62.88	-55.93	6.70
7776.30	H	-32.96	-13.00	-19.96	-51.96	-36.40	3.44
7781.70	H	-32.81	-13.00	-19.81	-51.84	-36.25	3.44
10368.40	H	-31.14	-13.00	-18.14	-53.31	-32.52	1.38
10375.60	H	-31.31	-13.00	-18.31	-53.48	-32.68	1.37
5184.20	V	-48.70	-13.00	-35.70	-62.29	-55.39	6.69
5187.80	V	-48.69	-13.00	-35.69	-62.27	-55.39	6.70
7776.30	V	-32.06	-13.00	-19.06	-51.48	-35.50	3.44
7781.70	V	-32.22	-13.00	-19.22	-51.66	-35.66	3.44
10368.40	V	-32.49	-13.00	-19.49	-53.22	-33.87	1.38
10375.60	V	-32.45	-13.00	-19.45	-53.18	-33.82	1.37

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+15 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 41365 + 41515						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5348.20	H	-47.70	-13.00	-34.70	-61.23	-54.48	6.78
5351.80	H	-47.61	-13.00	-34.61	-61.15	-54.09	6.48
8022.30	H	-32.91	-13.00	-19.91	-52.22	-35.39	2.48
8027.70	H	-32.96	-13.00	-19.96	-52.28	-35.45	2.49
10696.40	H	-30.56	-13.00	-17.56	-52.64	-31.68	1.12
10703.60	H	-29.47	-13.00	-16.47	-51.55	-30.59	1.12
5348.20	V	-48.17	-13.00	-35.17	-61.75	-54.95	6.78
5351.80	V	-48.55	-13.00	-35.55	-62.14	-55.03	6.48
8022.30	V	-34.10	-13.00	-21.10	-53.55	-36.58	2.48
8027.70	V	-34.02	-13.00	-21.02	-53.48	-36.51	2.49
10696.40	V	-28.49	-13.00	-15.49	-49.78	-29.61	1.12
10703.60	V	-28.37	-13.00	-15.37	-49.67	-29.49	1.12

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 39728 + 39899						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5020.80	H	-48.75	-13.00	-35.75	-62.69	-55.29	6.54
5024.20	H	-48.54	-13.00	-35.54	-62.47	-55.08	6.54
7531.20	H	-41.32	-13.00	-28.32	-59.53	-44.74	3.42
7536.30	H	-41.44	-13.00	-28.44	-59.62	-44.86	3.42
10041.60	H	-34.68	-13.00	-21.68	-56.99	-36.33	1.65
10048.40	H	-36.34	-13.00	-23.34	-58.65	-37.98	1.64
5020.80	V	-48.95	-13.00	-35.95	-62.68	-55.49	6.54
5024.20	V	-47.83	-13.00	-34.83	-61.55	-54.37	6.54
7531.20	V	-39.63	-13.00	-26.63	-58.47	-43.05	3.42
7536.30	V	-39.72	-13.00	-26.72	-58.54	-43.14	3.42
10041.60	V	-36.92	-13.00	-23.92	-57.44	-38.57	1.65
10048.40	V	-38.78	-13.00	-25.78	-59.31	-40.42	1.64

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 40523 + 40694						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5179.80	H	-49.46	-13.00	-36.46	-63.12	-56.15	6.69
5183.20	H	-49.59	-13.00	-36.59	-63.25	-56.28	6.69
7769.70	H	-32.92	-13.00	-19.92	-51.88	-36.36	3.44
7774.80	H	-32.79	-13.00	-19.79	-51.78	-36.23	3.44
10359.60	H	-30.98	-13.00	-17.98	-53.15	-32.37	1.39
10366.40	H	-31.10	-13.00	-18.10	-53.27	-32.48	1.38
5179.80	V	-48.59	-13.00	-35.59	-62.17	-55.28	6.69
5183.20	V	-49.08	-13.00	-36.08	-62.67	-55.77	6.69
7769.70	V	-32.08	-13.00	-19.08	-51.47	-35.52	3.44
7774.80	V	-32.21	-13.00	-19.21	-51.62	-35.65	3.44
10359.60	V	-33.05	-13.00	-20.05	-53.76	-34.44	1.39
10366.40	V	-32.96	-13.00	-19.96	-53.68	-34.34	1.38

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:15+20 MHz, 1 RB Offset 74 + 1 RB Offset 0, Channel: 41319 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5339.00	H	-47.24	-13.00	-34.24	-60.78	-54.02	6.78
5342.40	H	-47.22	-13.00	-34.22	-60.76	-54.00	6.78
8008.50	H	-32.96	-13.00	-19.96	-52.25	-35.40	2.44
8013.60	H	-33.18	-13.00	-20.18	-52.48	-35.64	2.46
10678.00	H	-30.68	-13.00	-17.68	-52.76	-31.81	1.13
10684.80	H	-29.69	-13.00	-16.69	-51.77	-30.82	1.13
5339.00	V	-48.18	-13.00	-35.18	-61.76	-54.96	6.78
5342.40	V	-47.80	-13.00	-34.80	-61.38	-54.58	6.78
8008.50	V	-33.88	-13.00	-20.88	-53.31	-36.32	2.44
8013.60	V	-33.84	-13.00	-20.84	-53.28	-36.30	2.46
10678.00	V	-28.72	-13.00	-15.72	-49.96	-29.85	1.13
10684.80	V	-28.59	-13.00	-15.59	-49.85	-29.72	1.13

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 39750 + 39867						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5029.60	H	-48.61	-13.00	-35.61	-62.53	-55.16	6.55
5031.00	H	-48.64	-13.00	-35.64	-62.56	-55.19	6.55
7544.40	H	-41.27	-13.00	-28.27	-59.41	-44.70	3.43
7546.50	H	-41.49	-13.00	-28.49	-59.61	-44.92	3.43
10059.20	H	-34.14	-13.00	-21.14	-56.45	-35.77	1.63
10062.00	H	-35.86	-13.00	-22.86	-58.17	-37.49	1.63
5029.60	V	-48.67	-13.00	-35.67	-62.39	-55.22	6.55
5031.00	V	-47.84	-13.00	-34.84	-61.56	-54.39	6.55
7544.40	V	-39.85	-13.00	-26.85	-58.63	-43.28	3.43
7546.50	V	-39.44	-13.00	-26.44	-58.21	-42.87	3.43
10059.20	V	-36.92	-13.00	-23.92	-57.46	-38.55	1.63
10062.00	V	-38.09	-13.00	-25.09	-58.63	-39.72	1.63

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40595 + 40712						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5198.60	H	-49.23	-13.00	-36.23	-62.86	-55.94	6.71
5200.00	H	-49.52	-13.00	-36.52	-63.15	-56.23	6.71
7797.90	H	-33.10	-13.00	-20.10	-52.25	-36.54	3.44
7800.00	H	-33.32	-13.00	-20.32	-52.48	-36.76	3.44
10397.20	H	-30.80	-13.00	-17.80	-52.95	-32.15	1.35
10400.00	H	-31.52	-13.00	-18.52	-53.67	-32.87	1.35
5198.60	V	-48.68	-13.00	-35.68	-62.25	-55.39	6.71
5200.00	V	-48.56	-13.00	-35.56	-62.13	-55.27	6.71
7797.90	V	-37.79	-13.00	-24.79	-51.32	-41.23	3.44
7800.00	V	-31.68	-13.00	-18.68	-51.22	-35.12	3.44
10397.20	V	-32.22	-13.00	-19.22	-52.96	-33.57	1.35
10400.00	V	-32.38	-13.00	-19.38	-53.12	-33.73	1.35

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+5 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 41440 + 41557						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5367.60	H	-48.02	-13.00	-35.02	-61.55	-54.81	6.79
5369.00	H	-47.85	-13.00	-34.85	-61.38	-54.64	6.79
8051.40	H	-32.61	-13.00	-19.61	-51.96	-35.17	2.56
8053.50	H	-33.13	-13.00	-20.13	-52.48	-35.69	2.56
10735.20	H	-30.37	-13.00	-17.37	-52.44	-31.46	1.09
10738.00	H	-30.30	-13.00	-17.30	-52.37	-31.39	1.09
5367.60	V	-48.10	-13.00	-35.10	-61.68	-54.89	6.79
5369.00	V	-48.67	-13.00	-35.67	-62.25	-55.46	6.79
8051.40	V	-34.84	-13.00	-21.84	-54.33	-37.40	2.56
8053.50	V	-33.99	-13.00	-20.99	-53.48	-36.55	2.56
10735.20	V	-28.58	-13.00	-15.58	-49.60	-29.67	1.09
10738.00	V	-29.05	-13.00	-16.05	-50.44	-30.14	1.09

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 39750 + 39894						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5029.60	H	-48.62	-13.00	-35.62	-62.54	-55.17	6.55
5032.00	H	-48.55	-13.00	-35.55	-62.47	-55.10	6.55
7544.40	H	-41.54	-13.00	-28.54	-59.68	-44.97	3.43
7548.00	H	-41.73	-13.00	-28.73	-59.84	-45.16	3.43
10059.20	H	-34.55	-13.00	-21.55	-56.86	-36.18	1.63
10064.00	H	-36.56	-13.00	-23.56	-58.87	-38.19	1.63
5029.60	V	-48.34	-13.00	-35.34	-62.06	-54.89	6.55
5032.00	V	-48.14	-13.00	-35.14	-61.85	-54.69	6.55
7544.40	V	-39.97	-13.00	-26.97	-58.75	-43.40	3.43
7548.00	V	-39.49	-13.00	-26.49	-58.26	-42.92	3.43
10059.20	V	-37.32	-13.00	-24.32	-57.86	-38.95	1.63
10064.00	V	-39.70	-13.00	-26.70	-60.24	-41.33	1.63

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40571 + 40715						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5193.80	H	-49.21	-13.00	-36.21	-62.85	-55.91	6.70
5196.20	H	-49.24	-13.00	-36.24	-62.88	-55.95	6.71
7790.70	H	-32.76	-13.00	-19.76	-51.86	-36.20	3.44
7794.30	H	-32.84	-13.00	-19.84	-51.96	-36.28	3.44
10387.60	H	-30.59	-13.00	-17.59	-52.75	-31.95	1.36
10392.40	H	-31.61	-13.00	-18.61	-53.77	-32.97	1.36
5193.80	V	-48.71	-13.00	-35.71	-62.29	-55.41	6.70
5196.20	V	-48.76	-13.00	-35.76	-62.33	-55.47	6.71
7790.70	V	-32.26	-13.00	-19.26	-51.76	-35.70	3.44
7794.30	V	-32.13	-13.00	-19.13	-51.64	-35.57	3.44
10387.60	V	-32.84	-13.00	-19.84	-53.57	-34.20	1.36
10392.40	V	-32.54	-13.00	-19.54	-53.27	-33.90	1.36

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+10 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 41391 + 41535						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5357.80	H	-47.03	-13.00	-34.03	-60.57	-53.82	6.79
5360.20	H	-47.11	-13.00	-34.11	-60.64	-53.90	6.79
8036.70	H	-32.35	-13.00	-19.35	-51.68	-34.87	2.52
8040.30	H	-33.11	-13.00	-20.11	-52.45	-35.64	2.53
10715.60	H	-30.40	-13.00	-17.40	-52.47	-31.51	1.11
10720.40	H	-29.59	-13.00	-16.59	-51.66	-30.69	1.10
5357.80	V	-48.09	-13.00	-35.09	-61.68	-54.88	6.79
5360.20	V	-47.97	-13.00	-34.97	-61.56	-54.76	6.79
8036.70	V	-34.81	-13.00	-21.81	-54.28	-37.33	2.52
8040.30	V	-33.81	-13.00	-20.81	-53.29	-36.34	2.53
10715.60	V	-28.63	-13.00	-15.63	-49.96	-29.74	1.11
10720.40	V	-28.02	-13.00	-15.02	-49.36	-29.12	1.10

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 39750 + 39921						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5029.60	H	-48.75	-13.00	-35.75	-62.67	-55.30	6.55
5033.00	H	-48.67	-13.00	-35.67	-62.59	-55.22	6.55
7544.40	H	-41.30	-13.00	-28.30	-59.44	-44.73	3.43
7549.50	H	-41.37	-13.00	-28.37	-59.48	-44.80	3.43
10059.20	H	-34.08	-13.00	-21.08	-56.39	-35.71	1.63
10066.00	H	-35.09	-13.00	-22.09	-57.39	-36.72	1.63
5029.60	V	-48.70	-13.00	-35.70	-62.42	-55.25	6.55
5033.00	V	-48.04	-13.00	-35.04	-61.75	-54.59	6.55
7544.40	V	-39.85	-13.00	-26.85	-58.63	-43.28	3.43
7549.50	V	-40.52	-13.00	-27.52	-59.28	-43.95	3.43
10059.20	V	-37.45	-13.00	-24.45	-57.99	-39.08	1.63
10066.00	V	-38.14	-13.00	-25.14	-58.68	-39.77	1.63

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40546 + 40717						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5188.80	H	-49.13	-13.00	-36.13	-62.78	-55.83	6.70
5192.20	H	-49.84	-13.00	-36.84	-63.49	-56.54	6.70
7783.20	H	-32.73	-13.00	-19.73	-51.77	-36.17	3.44
7788.30	H	-32.46	-13.00	-19.46	-51.55	-35.90	3.44
10377.60	H	-30.62	-13.00	-17.62	-52.79	-31.99	1.37
10384.40	H	-31.15	-13.00	-18.15	-53.31	-32.51	1.36
5188.80	V	-48.60	-13.00	-35.60	-62.18	-55.30	6.70
5192.20	V	-48.44	-13.00	-35.44	-62.02	-55.14	6.70
7783.20	V	-31.81	-13.00	-18.81	-51.26	-35.25	3.44
7788.30	V	-31.89	-13.00	-18.89	-51.38	-35.33	3.44
10377.60	V	-32.60	-13.00	-19.60	-53.33	-33.97	1.37
10384.40	V	-32.54	-13.00	-19.54	-53.27	-33.90	1.36

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+15 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 41341 + 41512						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5347.80	H	-47.00	-13.00	-34.00	-60.53	-53.78	6.78
5351.20	H	-47.14	-13.00	-34.14	-60.68	-53.93	6.79
8021.70	H	-32.93	-13.00	-19.93	-52.24	-35.41	2.48
8026.80	H	-32.86	-13.00	-19.86	-52.18	-35.34	2.48
10695.60	H	-30.17	-13.00	-17.17	-52.25	-31.29	1.12
10702.40	H	-29.28	-13.00	-16.28	-51.36	-30.40	1.12
5347.80	V	-47.97	-13.00	-34.97	-61.55	-54.75	6.78
5351.20	V	-48.18	-13.00	-35.18	-61.77	-54.97	6.79
8021.70	V	-34.92	-13.00	-21.92	-54.37	-37.40	2.48
8026.80	V	-34.09	-13.00	-21.09	-53.55	-36.57	2.48
10695.60	V	-28.32	-13.00	-15.32	-49.61	-29.44	1.12
10702.40	V	-27.94	-13.00	-14.94	-49.24	-29.06	1.12

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 39750 + 39948						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5029.60	H	-48.42	-13.00	-35.42	-62.34	-54.97	6.55
5034.00	H	-48.40	-13.00	-35.40	-62.31	-54.95	6.55
7544.40	H	-40.91	-13.00	-27.91	-59.05	-44.34	3.43
7551.00	H	-41.06	-13.00	-28.06	-59.16	-44.49	3.43
10059.20	H	-34.52	-13.00	-21.52	-56.83	-36.15	1.63
10068.00	H	-36.01	-13.00	-23.01	-58.31	-37.63	1.62
5029.60	V	-48.67	-13.00	-35.67	-62.39	-55.22	6.55
5034.00	V	-48.22	-13.00	-35.22	-61.93	-54.77	6.55
7544.40	V	-39.56	-13.00	-26.56	-58.34	-42.99	3.43
7551.00	V	-39.53	-13.00	-26.53	-58.28	-42.96	3.43
10059.20	V	-36.89	-13.00	-23.89	-57.43	-38.52	1.63
10068.00	V	-38.13	-13.00	-25.13	-58.67	-39.75	1.62

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 40521 + 40719						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5183.80	H	-49.49	-13.00	-36.49	-63.15	-56.18	6.69
5188.20	H	-49.78	-13.00	-36.78	-63.43	-56.48	6.70
7775.70	H	-32.28	-13.00	-19.28	-51.27	-35.72	3.44
7782.30	H	-32.29	-13.00	-19.29	-51.33	-35.73	3.44
10367.60	H	-30.59	-13.00	-17.59	-52.76	-31.97	1.38
10376.40	H	-31.21	-13.00	-18.21	-53.38	-32.58	1.37
5183.80	V	-48.70	-13.00	-35.70	-62.29	-55.39	6.69
5188.20	V	-48.89	-13.00	-35.89	-62.47	-55.59	6.70
7775.70	V	-32.01	-13.00	-19.01	-51.43	-35.45	3.44
7782.30	V	-32.10	-13.00	-19.10	-51.55	-35.54	3.44
10367.60	V	-32.66	-13.00	-19.66	-53.38	-34.04	1.38
10376.40	V	-32.51	-13.00	-19.51	-53.24	-33.88	1.37

Note: EIRP = S.G Power value + Correction factor.

Mode	LTE Band 41, QPSK, CB:20+20 MHz, 1 RB Offset 99 + 1 RB Offset 0, Channel: 41292 + 41490						
Frequency (MHz)	**Antenna Polarity**	**E.I.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
5338.00	H	-46.82	-13.00	-33.82	-60.36	-53.60	6.78
5342.40	H	-46.99	-13.00	-33.99	-60.53	-53.77	6.78
8007.00	H	-32.26	-13.00	-19.26	-51.55	-34.70	2.44
8013.60	H	-33.04	-13.00	-20.04	-52.34	-35.50	2.46
10676.00	H	-30.20	-13.00	-17.20	-52.28	-31.34	1.14
10684.80	H	-29.88	-13.00	-16.88	-51.96	-31.01	1.13
5338.00	V	-48.09	-13.00	-35.09	-61.67	-54.87	6.78
5342.40	V	-47.98	-13.00	-34.98	-61.56	-54.76	6.78
8007.00	V	-35.15	-13.00	-22.15	-54.58	-37.59	2.44
8013.60	V	-34.44	-13.00	-21.44	-53.88	-36.90	2.46
10676.00	V	-28.69	-13.00	-15.69	-49.93	-29.83	1.14
10684.80	V	-28.86	-13.00	-15.86	-50.12	-29.99	1.13

Note: EIRP = S.G Power value + Correction factor.

3.3 Conducted Emissions

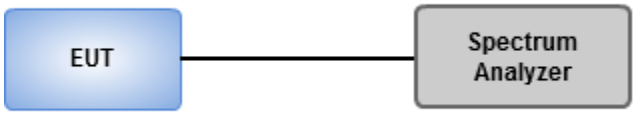
3.3.1 Limit of Conducted Emissions

The power of any emission outside of the authorized operating frequencyranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.3.2 Test Procedures

1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30MHz~27GHz.
3. Set RBW = 1MHz, VBW = 3MHz, detector = average, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

3.3.3 Test Setup



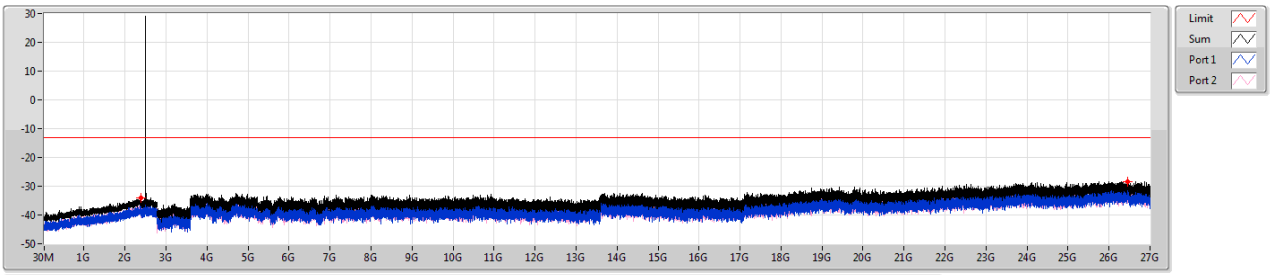
3.3.4 Test Result of Conducted Emissions (CDD Mode)

Single-carrier
Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 41	-	-	-	-	-	-	-	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	26.38567G	-26.63	-13.00	-13.63	-	-
LTE_5MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	25.92039G	-27.39	-13.00	-14.39	-	-
LTE_5MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.10801G	-27.82	-13.00	-14.82	-	-
LTE_10MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	26.40156G	-27.49	-13.00	-14.49	-	-
LTE_10MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	25.86137G	-27.20	-13.00	-14.20	-	-
LTE_10MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.21696G	-26.63	-13.00	-13.63	-	-
LTE_15MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	26.21015G	-26.82	-13.00	-13.82	-	-
LTE_15MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.05505G	-27.35	-13.00	-14.35	-	-
LTE_15MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.07926G	-27.01	-13.00	-14.01	-	-
LTE_20MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	26.41064G	-26.95	-13.00	-13.95	-	-
LTE_20MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.30775G	-27.66	-13.00	-14.66	-	-
LTE_20MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	26.71251G	-27.56	-13.00	-14.56	-	-

Band 41_LTE_5MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

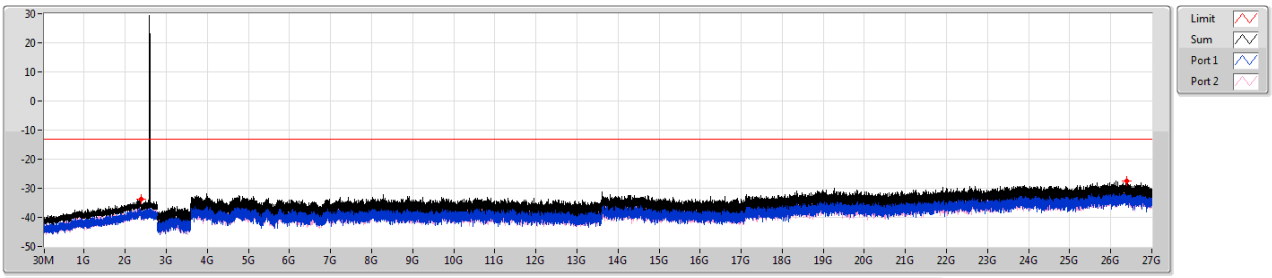
2498.5MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.38575G	-34.01	-13.00	-21.01	-	-	-37.19	-36.86
2.79G	27G	1M	3M	Peak	26.4583G	-28.30	-13.00	-15.30	-	-	-31.68	-30.97

Band 41_LTE_5MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

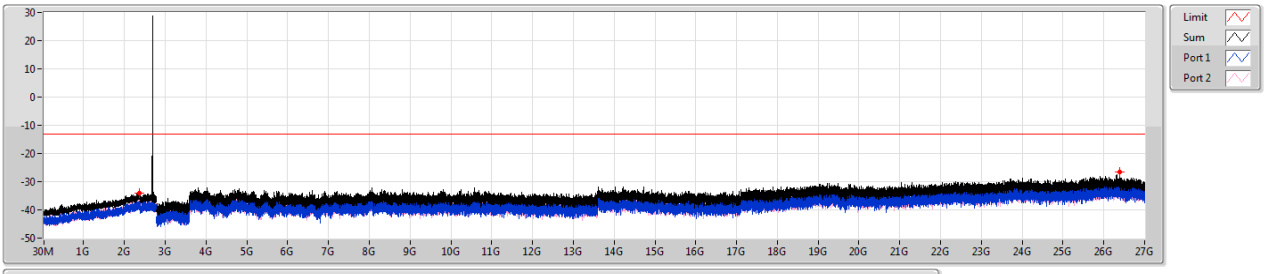
2593MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.38023G	-33.74	-13.00	-20.74	-	-	-36.77	-36.74
2.79G	27G	1M	3M	Peak	26.38416G	-27.56	-13.00	-14.56	-	-	-31.50	-29.81

Band 41_LTE_5MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

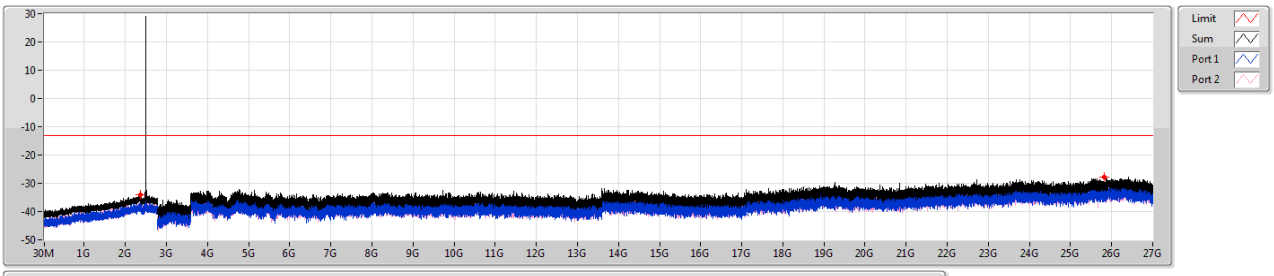
2687.5MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.35736G	-33.92	-13.00	-20.92	-	-	-36.86	-37.01
2.79G	27G	1M	3M	Peak	26.38567G	-26.63	-13.00	-13.63	-	-	-28.23	-31.73

Band 41_LTE_5MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

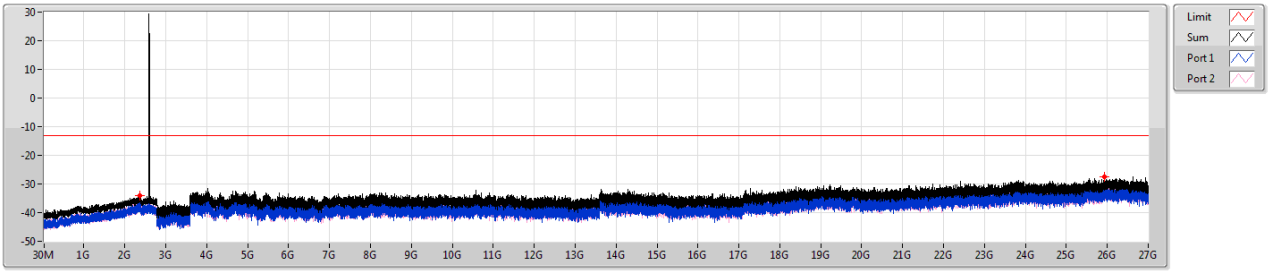
2498.5MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.36366G	-34.04	-13.00	-21.04	-	-	-36.65	-37.49
2.79G	27G	1M	3M	Peak	25.82506G	-27.81	-13.00	-14.81	-	-	-30.28	-31.43

Band 41_LTE_5MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

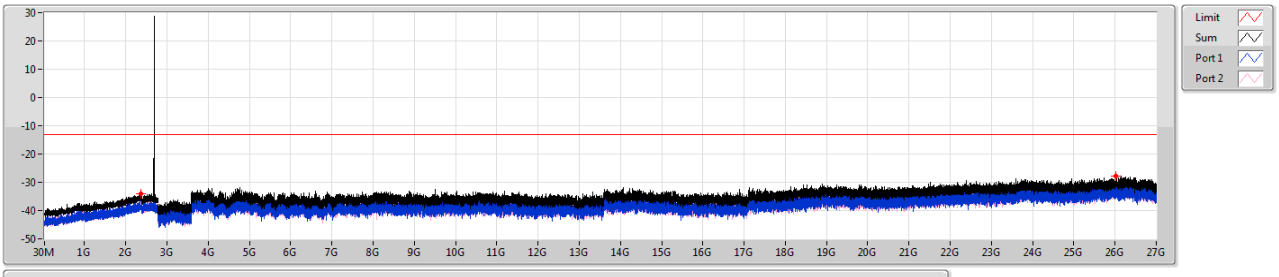
2593MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.37707G	-33.96	-13.00	-20.96	-	-	-37.56	-36.46
2.79G	27G	1M	3M	Peak	25.92039G	-27.39	-13.00	-14.39	-	-	-31.89	-29.30

Band 41_LTE_5MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

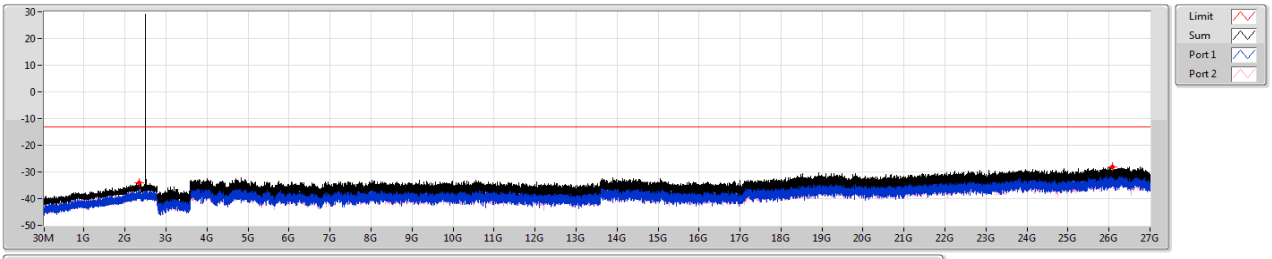
2687.5MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.36524G	-34.09	-13.00	-21.09	-	-	-39.34	-35.63
2.79G	27G	1M	3M	Peak	26.02101G	-27.85	-13.00	-14.85	-	-	-30.76	-30.96

Band 41_LTE_5MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

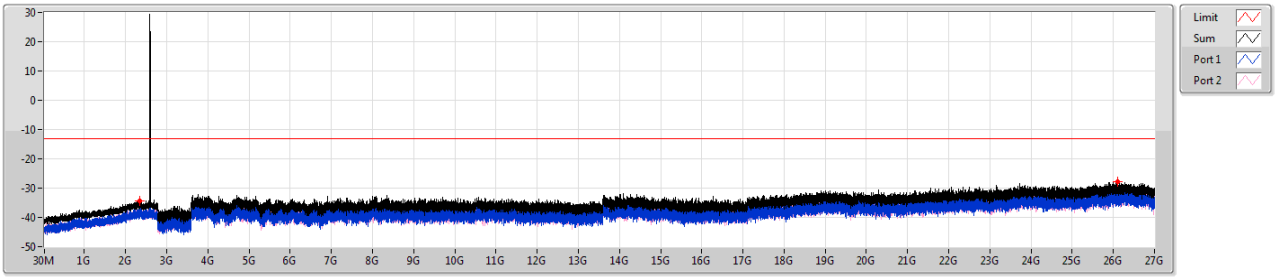
2498.5MHz_64QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.34G	-33.93	-13.00	-20.93	-	-	-35.50	-39.10
2.79G	27G	1M	3M	Peak	26.07472G	-28.08	-13.00	-15.08	-	-	-30.02	-32.51

Band 41_LTE_5MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

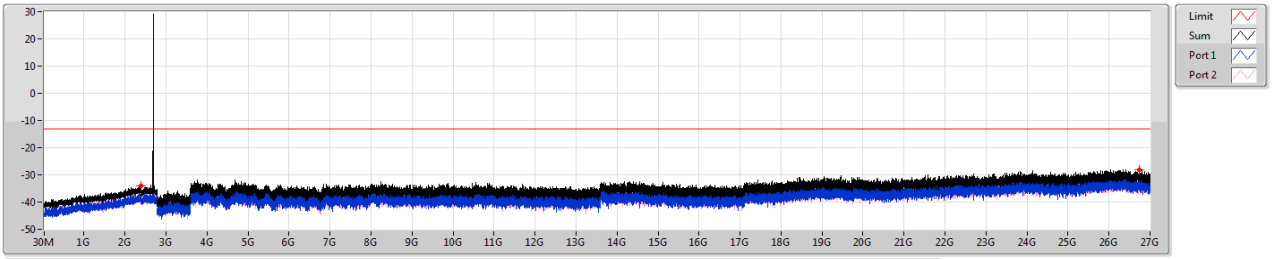
2593MHz_64QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33843G	-34.31	-13.00	-21.31	-	-	-38.10	-36.66
2.79G	27G	1M	3M	Peak	26.10801G	-27.82	-13.00	-14.82	-	-	-29.97	-31.90

Band 41_LTE_5MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

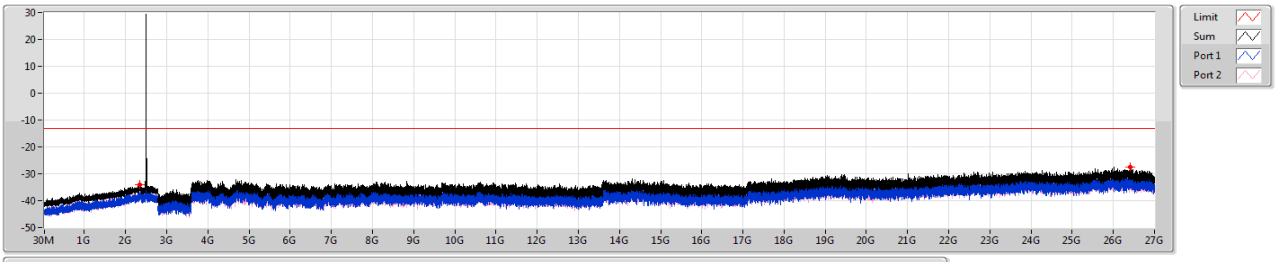
2687.5MHz_64QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.39442G	-34.06	-13.00	-21.06	-	-	-36.48	-37.76
2.79G	27G	1M	3M	Peak	26.74353G	-27.97	-13.00	-14.97	-	-	-31.12	-30.85

Band 41_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

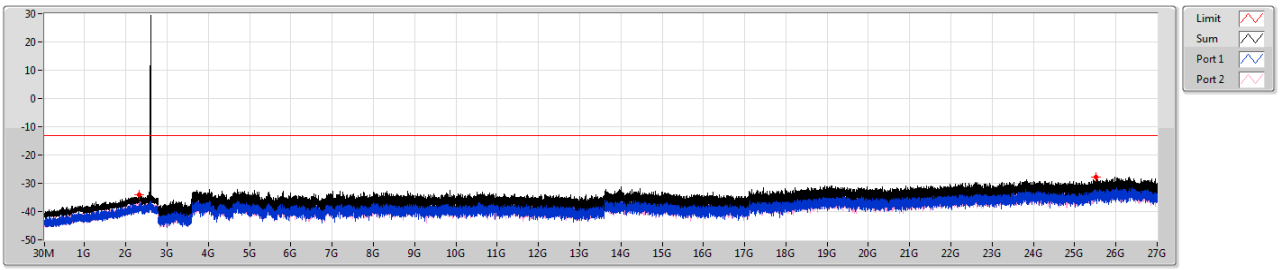
2501MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33843G	-34.07	-13.00	-21.07	-	-	-38.01	-36.32
2.79G	27G	1M	3M	Peak	26.40156G	-27.49	-13.00	-14.49	-	-	-29.28	-32.20

Band 41_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

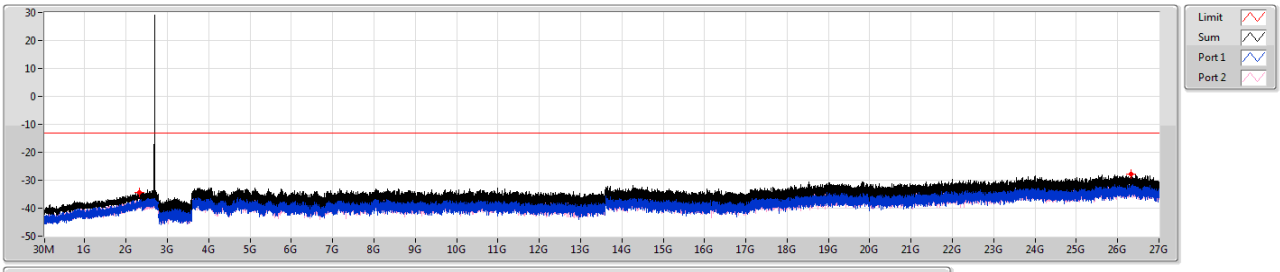
2593MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33054G	-34.01	-13.00	-21.01	-	-	-38.77	-35.78
2.79G	27G	1M	3M	Peak	25.51941G	-27.76	-13.00	-14.76	-	-	-29.63	-32.33

Band 41_LTE_10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

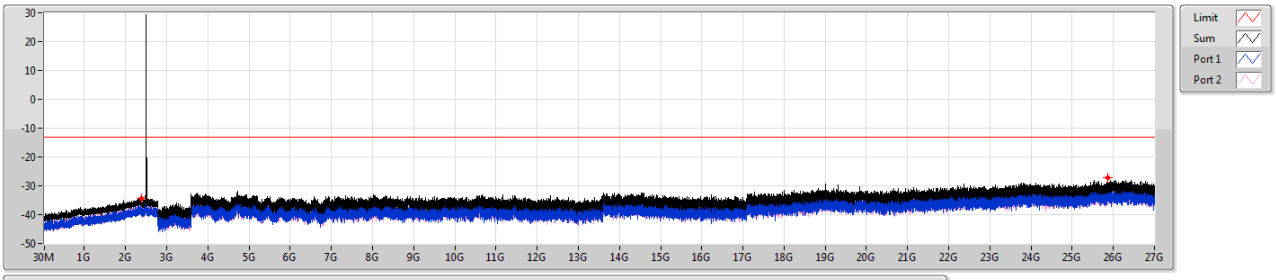
2685MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.31792G	-34.30	-13.00	-21.30	-	-	-38.14	-36.62
2.79G	27G	1M	3M	Peak	26.31758G	-27.71	-13.00	-14.71	-	-	-31.26	-30.24

Band 41_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

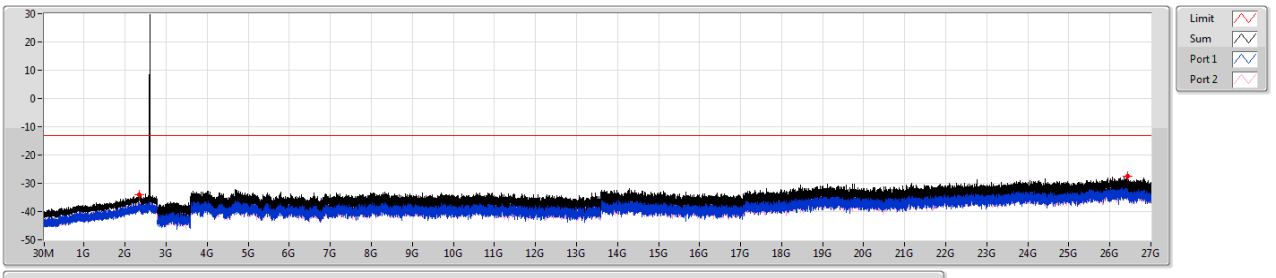
2501MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.3889G	-34.45	-13.00	-21.45	-	-	-38.97	-36.34
2.79G	27G	1M	3M	Peak	25.86137G	-27.20	-13.00	-14.20	-	-	-30.17	-30.26

Band 41_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

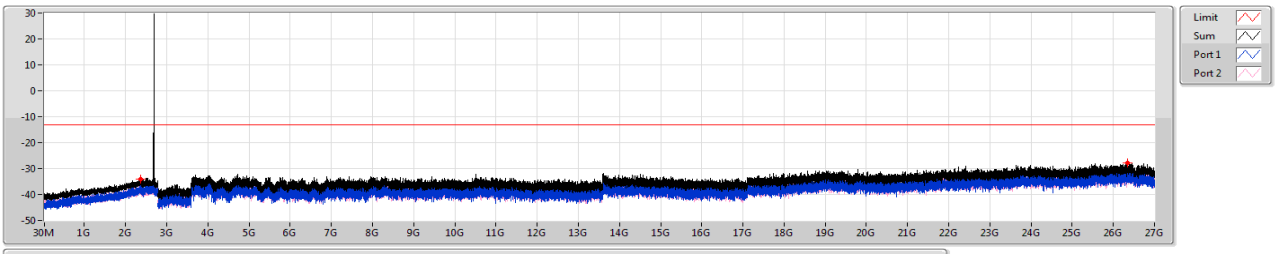
2593MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.35262G	-34.17	-13.00	-21.17	-	-	-37.45	-36.92
2.79G	27G	1M	3M	Peak	26.42501G	-27.39	-13.00	-14.39	-	-	-30.69	-30.13

Band 41_LTE_10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

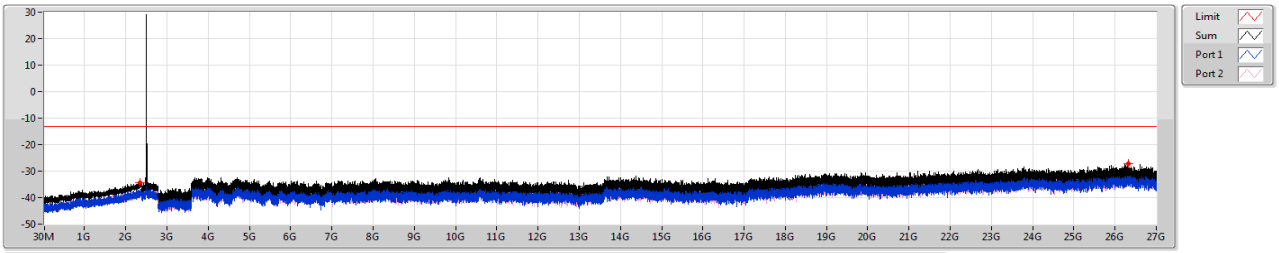
2685MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.37155G	-34.04	-13.00	-21.04	-	-	-37.45	-36.68
2.79G	27G	1M	3M	Peak	26.34482G	-27.76	-13.00	-14.76	-	-	-31.13	-30.43

Band 41_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

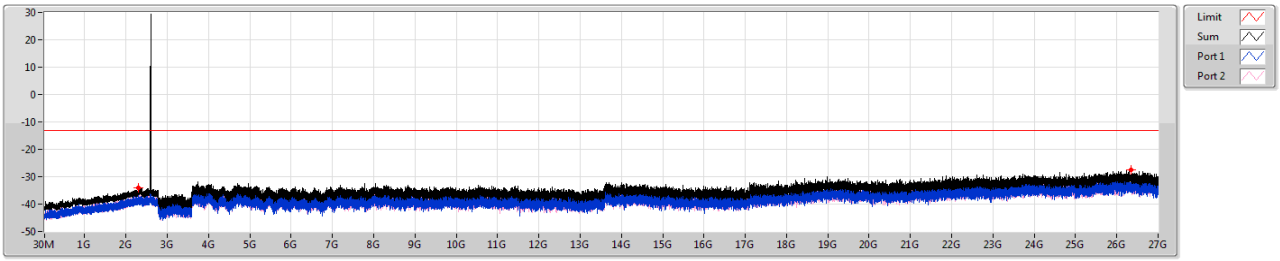
2501MHz_64QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.34631G	-34.39	-13.00	-21.39	-	-	-37.56	-37.24
2.79G	27G	1M	3M	Peak	26.32893G	-27.33	-13.00	-14.33	-	-	-32.05	-29.12

Band 41_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

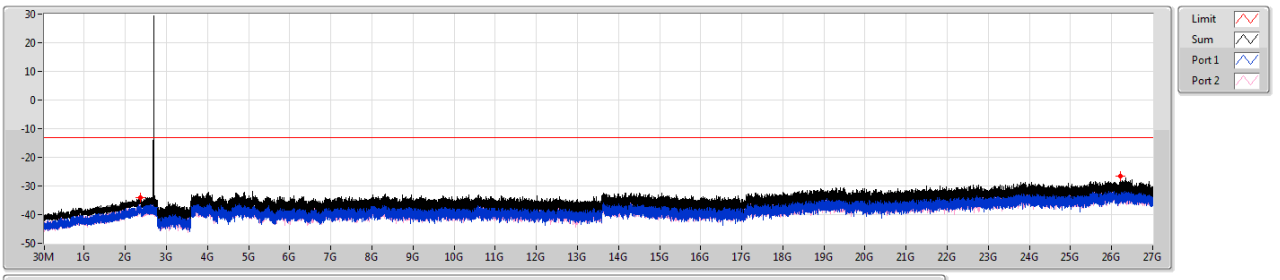
2593MHz_64QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30846G	-34.12	-13.00	-21.12	-	-	-38.84	-35.90
2.79G	27G	1M	3M	Peak	26.33801G	-27.59	-13.00	-14.59	-	-	-30.79	-30.41

Band 41_LTE_10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

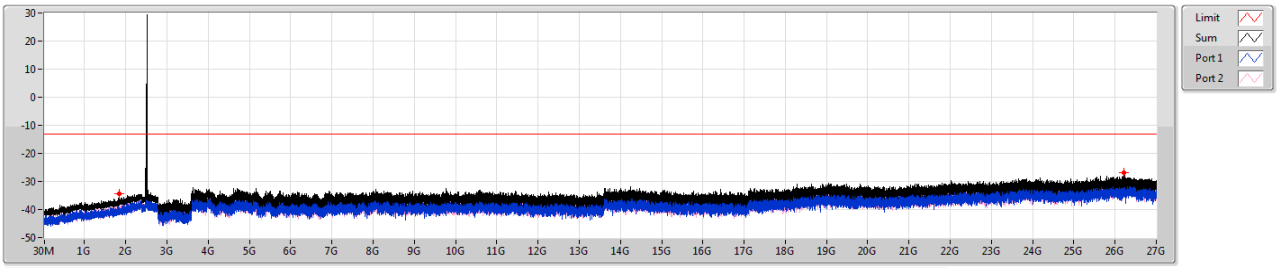
2685MHz_64QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.36288G	-34.02	-13.00	-21.02	-	-	-36.97	-37.09
2.79G	27G	1M	3M	Peak	26.21696G	-26.63	-13.00	-13.63	-	-	-29.74	-29.54

Band 41_LTE_15MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

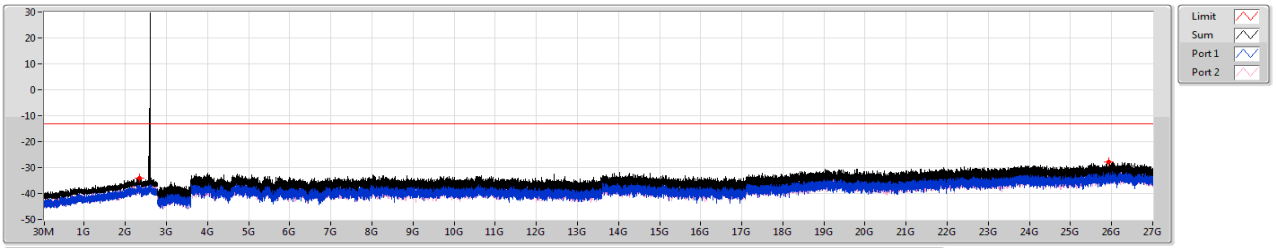
2503.5MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	1.84472G	-34.43	-13.00	-21.43	-	-	-39.91	-35.87
2.79G	27G	1M	3M	Peak	26.21015G	-26.82	-13.00	-13.82	-	-	-28.24	-32.36

Band 41_LTE_15MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

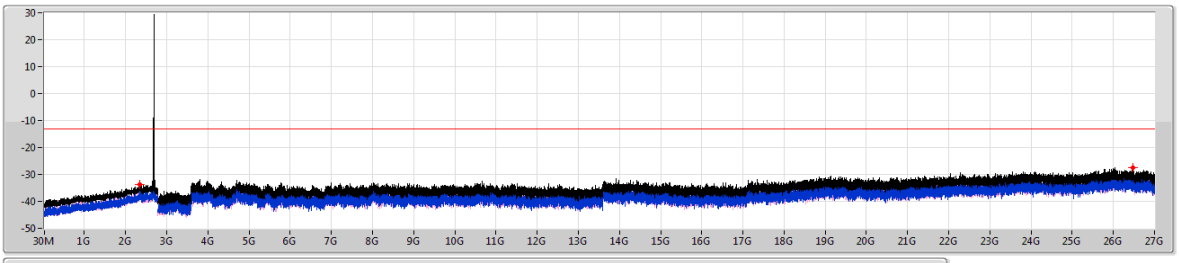
2593MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33764G	-34.06	-13.00	-21.06	-	-	-37.99	-36.31
2.79G	27G	1M	3M	Peak	25.92341G	-27.82	-13.00	-14.82	-	-	-29.43	-32.91

Band 41_LTE_15MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

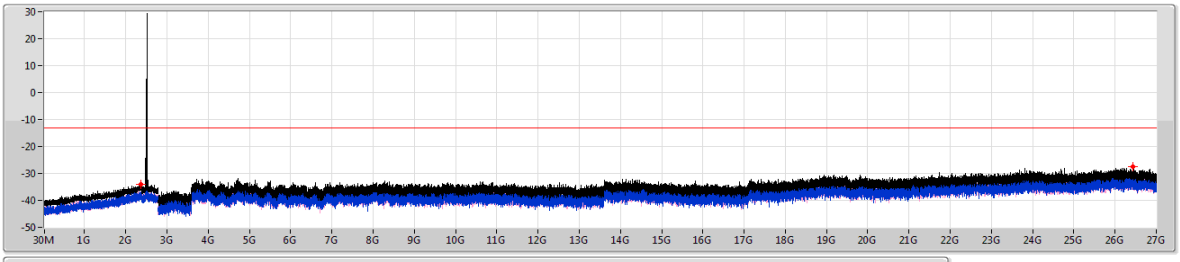
2682.5MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.34947G	-33.80	-13.00	-20.80	-	-	-35.38	-38.96
2.79G	27G	1M	3M	Peak	26.46738G	-27.43	-13.00	-14.43	-	-	-33.59	-28.64

Band 41_LTE_15MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

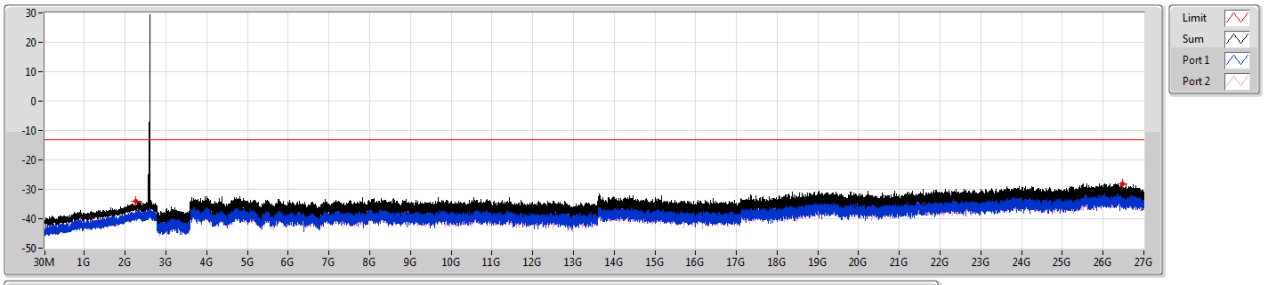
2503.5MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.36288G	-34.04	-13.00	-21.04	-	-	-37.12	-36.98
2.79G	27G	1M	3M	Peak	26.43258G	-27.44	-13.00	-14.44	-	-	-28.80	-33.16

Band 41_LTE_15MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

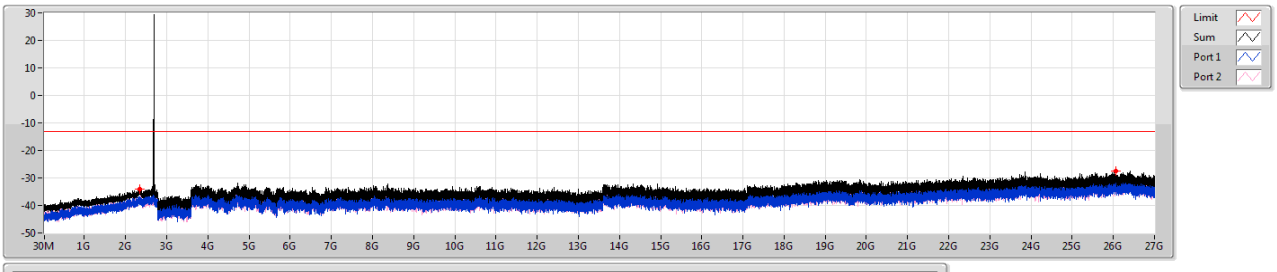
2593MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.25798G	-34.06	-13.00	-21.06	-	-	-36.73	-37.43
2.79G	27G	1M	3M	Peak	26.47116G	-28.04	-13.00	-15.04	-	-	-29.09	-34.72

Band 41_LTE_15MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

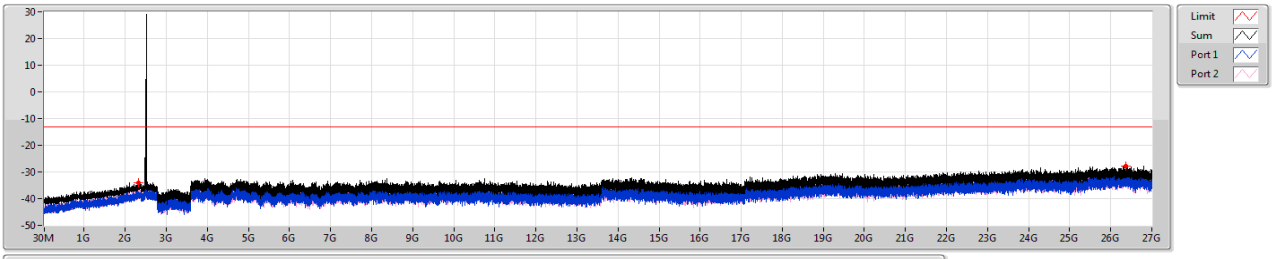
2682.5MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.34474G	-34.09	-13.00	-21.09	-	-	-37.41	-36.81
2.79G	27G	1M	3M	Peak	26.05505G	-27.35	-13.00	-14.35	-	-	-30.09	-30.65

Band 41_LTE_15MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

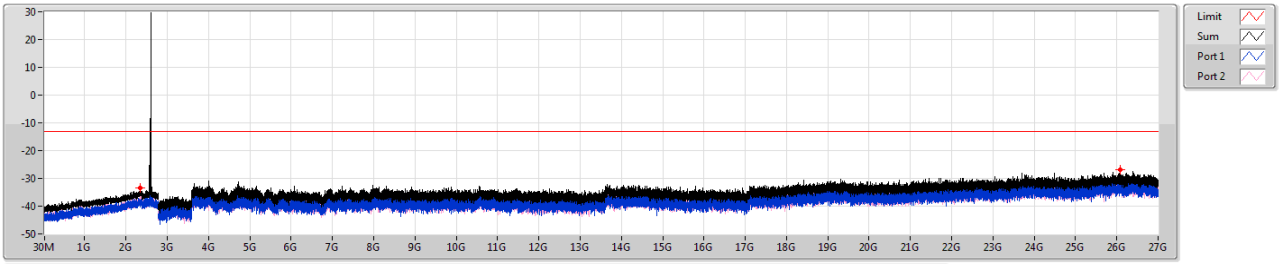
2503.5MHz_64QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33291G	-34.21	-13.00	-21.21	-	-	-39.29	-35.83
2.79G	27G	1M	3M	Peak	26.36146G	-27.68	-13.00	-14.68	-	-	-30.92	-30.48

Band 41_LTE_15MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

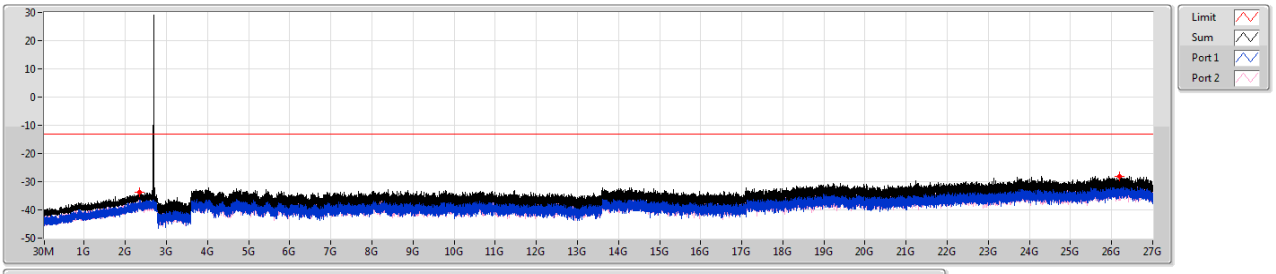
2593MHz_64QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.3471G	-33.54	-13.00	-20.54	-	-	-37.71	-35.63
2.79G	27G	1M	3M	Peak	26.07926G	-27.01	-13.00	-14.01	-	-	-33.43	-28.13

Band 41_LTE_15MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

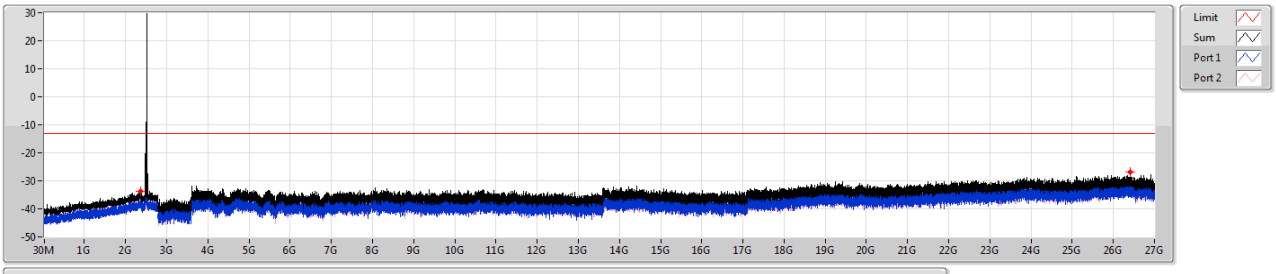
2682.5MHz_64QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33606G	-33.74	-13.00	-20.74	-	-	-36.19	-37.39
2.79G	27G	1M	3M	Peak	26.18821G	-28.04	-13.00	-15.04	-	-	-31.17	-30.93

Band 41_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

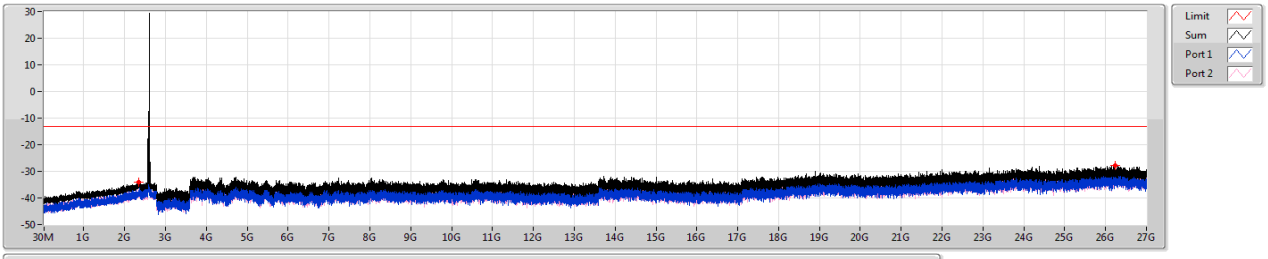
2506MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.37076G	-33.86	-13.00	-20.86	-	-	-36.62	-37.14
2.79G	27G	1M	3M	Peak	26.41064G	-26.95	-13.00	-13.95	-	-	-28.26	-32.78

Band 41_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

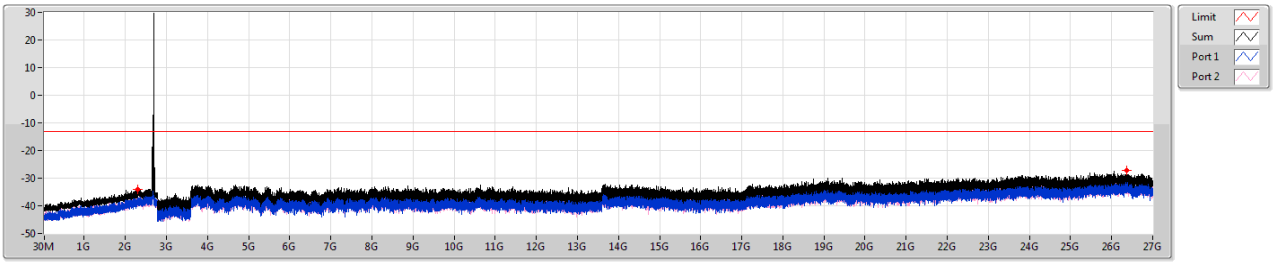
2593MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.35183G	-34.09	-13.00	-21.09	-	-	-37.27	-36.93
2.79G	27G	1M	3M	Peak	26.24495G	-27.70	-13.00	-14.70	-	-	-29.37	-32.66

Band 41_LTE_20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

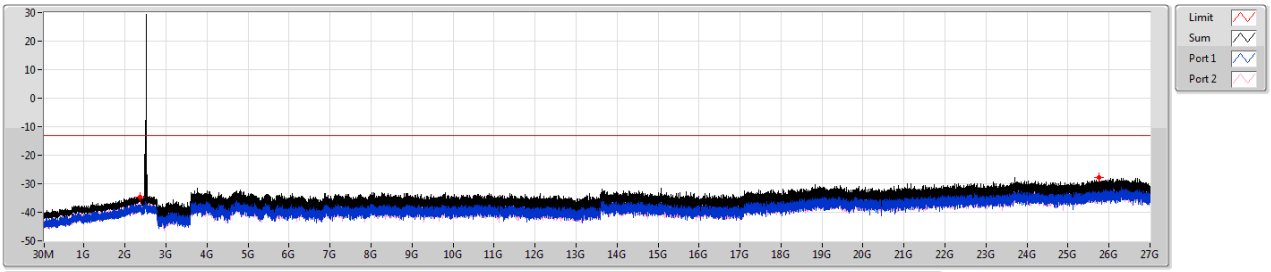
2680MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30846G	-34.06	-13.00	-21.06	-	-	-36.19	-38.17
2.79G	27G	1M	3M	Peak	26.35768G	-27.22	-13.00	-14.22	-	-	-30.84	-29.69

Band 41_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

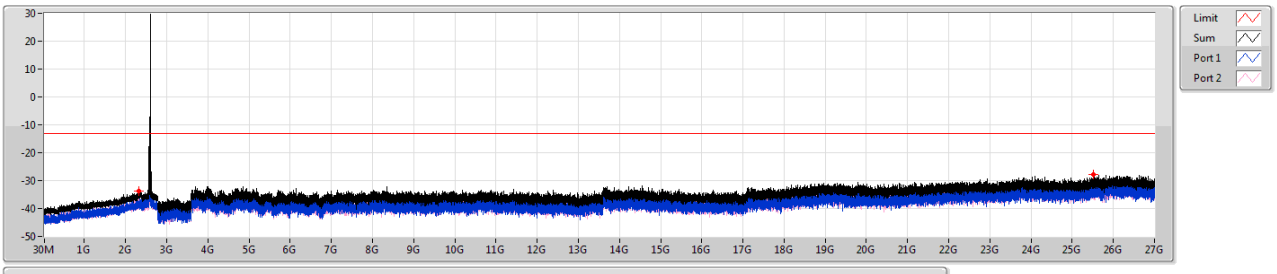
2506MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.35893G	-34.56	-13.00	-21.56	-	-	-39.10	-36.44
2.79G	27G	1M	3M	Peak	25.75999G	-27.79	-13.00	-14.79	-	-	-29.16	-33.45

Band 41_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

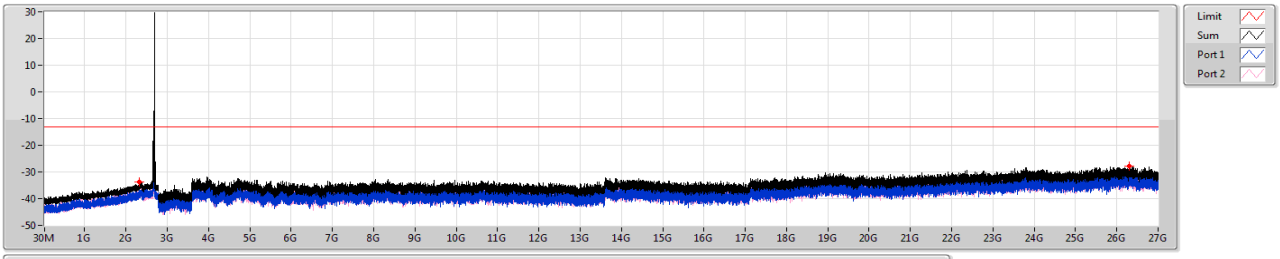
2593MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.32975G	-33.84	-13.00	-20.84	-	-	-38.47	-35.68
2.79G	27G	1M	3M	Peak	25.50503G	-27.95	-13.00	-14.95	-	-	-29.95	-32.27

Band 41_LTE_20MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

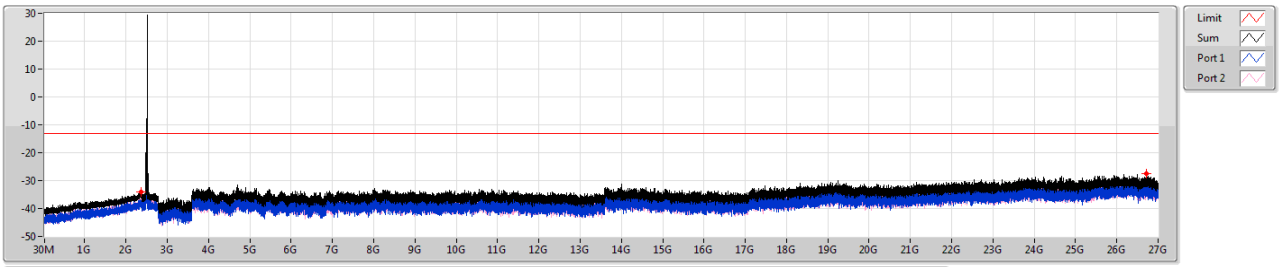
2680MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.33212G	-33.73	-13.00	-20.73	-	-	-36.63	-36.86
2.79G	27G	1M	3M	Peak	26.30775G	-27.66	-13.00	-14.66	-	-	-29.75	-31.83

Band 41_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

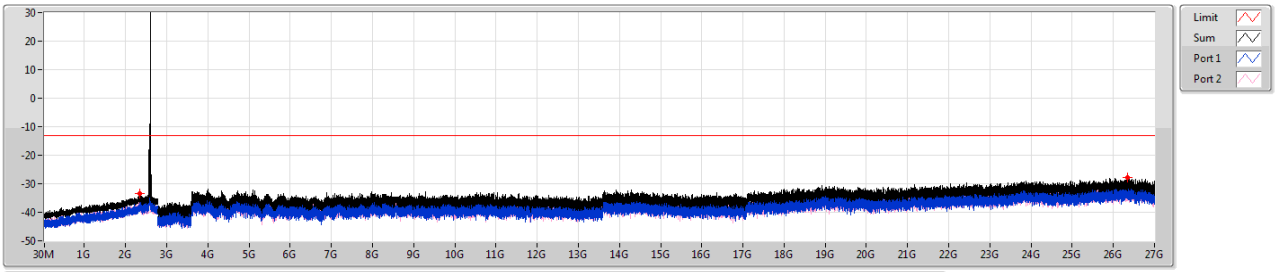
2506MHz_64QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.35657G	-34.15	-13.00	-21.15	-	-	-38.18	-36.33
2.79G	27G	1M	3M	Peak	26.71251G	-27.56	-13.00	-14.56	-	-	-29.59	-31.85

Band 41_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

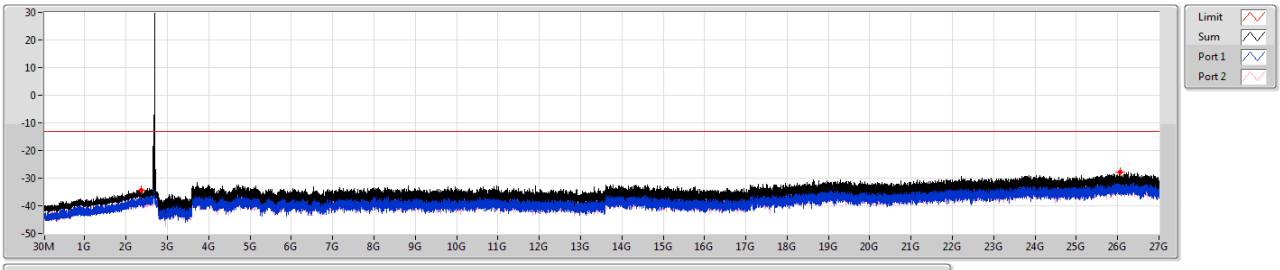
2593MHz_64QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.34631G	-33.55	-13.00	-20.55	-	-	-35.67	-37.68
2.79G	27G	1M	3M	Peak	26.3486G	-27.90	-13.00	-14.90	-	-	-29.74	-32.53

Band 41_LTE_20MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

2680MHz_64QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.37707G	-34.34	-13.00	-21.34	-	-	-36.27	-38.78
2.79G	27G	1M	3M	Peak	26.05203G	-27.75	-13.00	-14.75	-	-	-31.93	-29.84

3.3.5 Test Result of Conducted Emissions (Non Contiguous CA Mode)

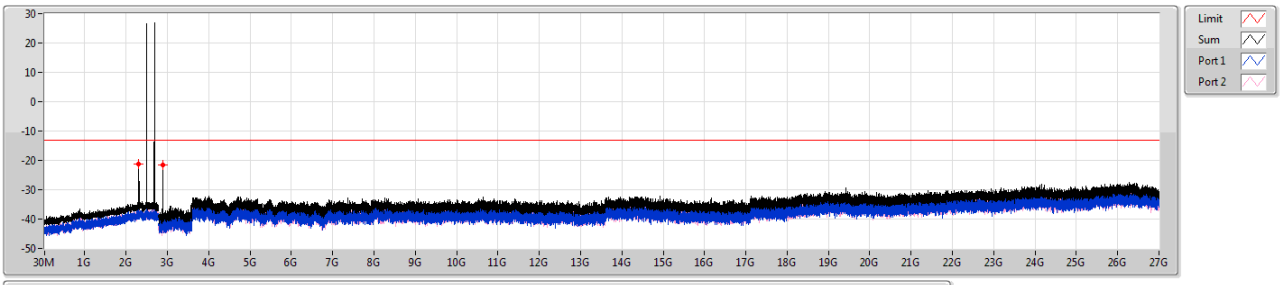
Multi-carrier(Non Contiguous CA)
Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
Band 41	-	-	-	-	-	-	-	-	-	-	-	-
LTE_5MHz+5MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30767G	-21.35	-13.00	-8.35	-	-
LTE_5MHz+5MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30767G	-20.74	-13.00	-7.74	-	-
LTE_5MHz+5MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88306G	-20.56	-13.00	-7.56	-	-
LTE_5MHz+10MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-20.20	-13.00	-7.20	-	-
LTE_5MHz+10MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-19.71	-13.00	-6.71	-	-
LTE_5MHz+10MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30767G	-20.94	-13.00	-7.94	-	-
LTE_5MHz+15MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88154G	-19.45	-13.00	-6.45	-	-
LTE_5MHz+15MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30767G	-20.82	-13.00	-7.82	-	-
LTE_5MHz+15MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88154G	-20.47	-13.00	-7.47	-	-
LTE_5MHz+20MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88154G	-20.24	-13.00	-7.24	-	-
LTE_5MHz+20MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30846G	-20.74	-13.00	-7.74	-	-
LTE_5MHz+20MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.30846G	-20.75	-13.00	-7.75	-	-
LTE_10MHz+5MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.3124G	-20.27	-13.00	-7.27	-	-
LTE_10MHz+5MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.3124G	-20.41	-13.00	-7.41	-	-
LTE_10MHz+5MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.3124G	-20.26	-13.00	-7.26	-	-
LTE_10MHz+10MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.3124G	-20.39	-13.00	-7.39	-	-
LTE_10MHz+10MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-20.31	-13.00	-7.31	-	-
LTE_10MHz+10MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-18.83	-13.00	-5.83	-	-
LTE_10MHz+15MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31319G	-20.71	-13.00	-7.71	-	-
LTE_10MHz+15MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31319G	-20.74	-13.00	-7.74	-	-
LTE_10MHz+15MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88154G	-20.10	-13.00	-7.10	-	-
LTE_10MHz+20MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88079G	-18.60	-13.00	-5.60	-	-
LTE_10MHz+20MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31319G	-20.78	-13.00	-7.78	-	-
LTE_10MHz+20MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31319G	-20.76	-13.00	-7.76	-	-
LTE_15MHz+5MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31713G	-19.80	-13.00	-6.80	-	-
LTE_15MHz+5MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31713G	-20.30	-13.00	-7.30	-	-
LTE_15MHz+5MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31713G	-19.95	-13.00	-6.95	-	-
LTE_15MHz+10MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-19.60	-13.00	-6.60	-	-
LTE_15MHz+10MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31713G	-20.37	-13.00	-7.37	-	-
LTE_15MHz+10MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.66	-13.00	-7.66	-	-
LTE_15MHz+15MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.34	-13.00	-7.34	-	-
LTE_15MHz+15MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.28	-13.00	-7.28	-	-
LTE_15MHz+15MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.27	-13.00	-7.27	-	-
LTE_15MHz+20MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.67	-13.00	-7.67	-	-
LTE_15MHz+20MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.31792G	-20.17	-13.00	-7.17	-	-
LTE_15MHz+20MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88079G	-20.00	-13.00	-7.00	-	-
LTE_20MHz+5MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-19.96	-13.00	-6.96	-	-

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark	Ref.Limit (dB)
LTE_20MHz+5MHz_Nss1,16QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-19.03	-13.00	-6.03	-	-
LTE_20MHz+5MHz_Nss1,64QAM_2TX	Pass	2.79G	27G	1M	3M	Peak	2.8823G	-19.89	-13.00	-6.89	-	-
LTE_20MHz+10MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.16	-13.00	-7.16	-	-
LTE_20MHz+10MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.57	-13.00	-7.57	-	-
LTE_20MHz+10MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.04	-13.00	-7.04	-	-
LTE_20MHz+15MHz_Nss1,QPSK_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.15	-13.00	-7.15	-	-
LTE_20MHz+15MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.08	-13.00	-7.08	-	-
LTE_20MHz+15MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32265G	-20.05	-13.00	-7.05	-	-
LTE_20MHz+20MHz_Nss1,QPSK_2TX	Pass	2.79G	27G	1M	3M	Peak	2.88079G	-19.50	-13.00	-6.50	-	-
LTE_20MHz+20MHz_Nss1,16QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32344G	-20.15	-13.00	-7.15	-	-
LTE_20MHz+20MHz_Nss1,64QAM_2TX	Pass	30M	2.396G	1M	3M	Peak	2.32344G	-19.84	-13.00	-6.84	-	-

Band 41_LTE_5MHz+5MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

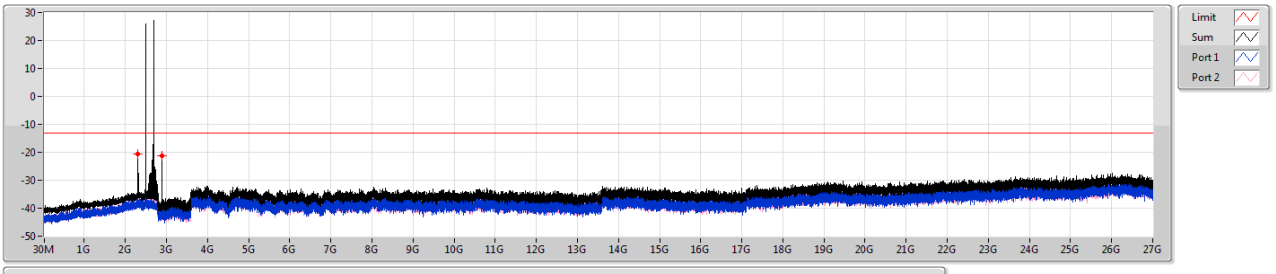
P#2498.5MHz,#2687.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-21.35	-13.00	-8.35	-	-	-38.98	-21.43
2.79G	27G	1M	3M	Peak	2.8823G	-21.41	-13.00	-8.41	-	-	-40.69	-21.46

Band 41_LTE_5MHz+5MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

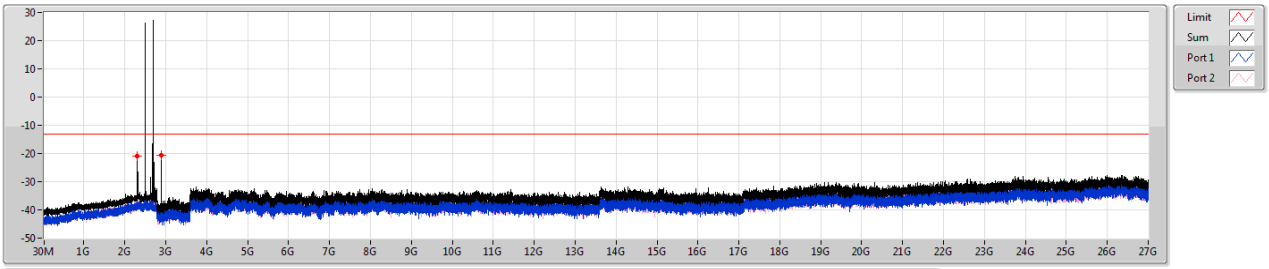
P#2498.5MHz,#2687.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.74	-13.00	-7.74	-	-	-38.76	-20.81
2.79G	27G	1M	3M	Peak	2.88306G	-21.29	-13.00	-8.29	-	-	-42.44	-21.32

Band 41_LTE_5MHz+5MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

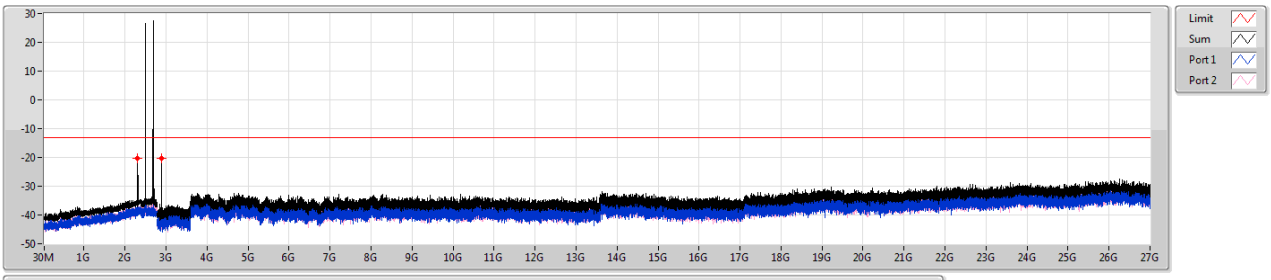
P#2498.5MHz,#2687.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.92	-13.00	-7.92	-	-	-38.69	-20.99
2.79G	27G	1M	3M	Peak	2.88306G	-20.56	-13.00	-7.56	-	-	-42.86	-20.59

Band 41_LTE_5MHz+10MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

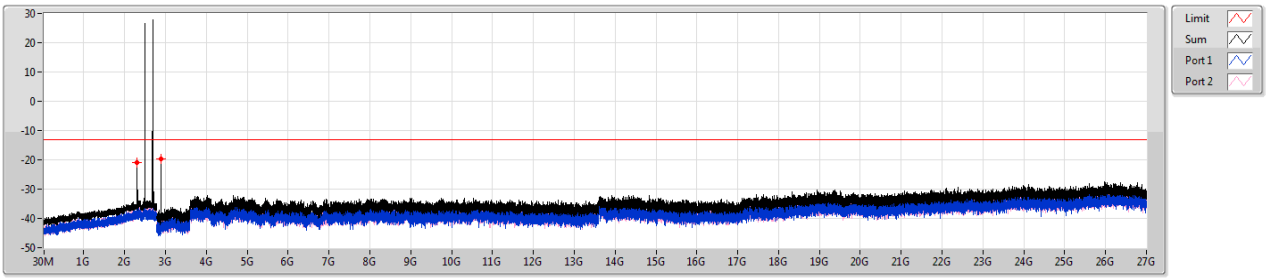
P#2498.5MHz,#2685MHz_QPSK_RB 1,#RB 0+RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.43	-13.00	-7.43	-	-	-39.34	-20.49
2.79G	27G	1M	3M	Peak	2.8823G	-20.20	-13.00	-7.20	-	-	-40.97	-20.24

Band 41_LTE_5MHz+10MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

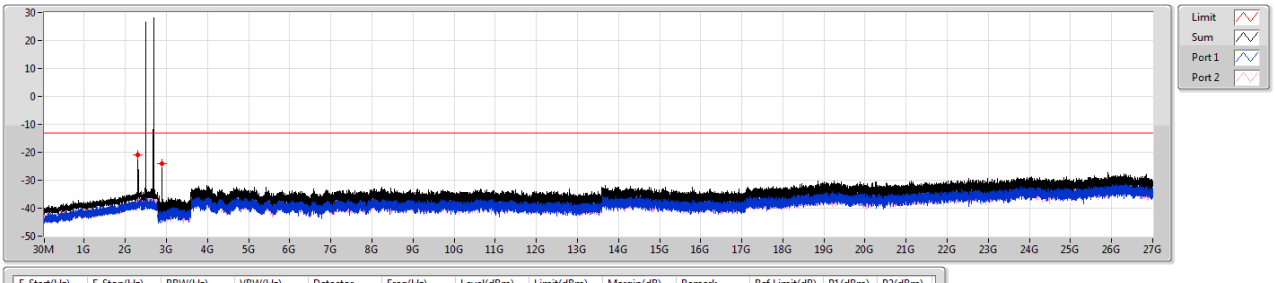
P#2498.5MHz,#2685MHz_16QAM_RB 1,#RB 0+RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.86	-13.00	-7.86	-	-	-39.04	-20.93
2.79G	27G	1M	3M	Peak	2.8823G	-19.71	-13.00	-6.71	-	-	-42.81	-19.73

Band 41_LTE_5MHz+10MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

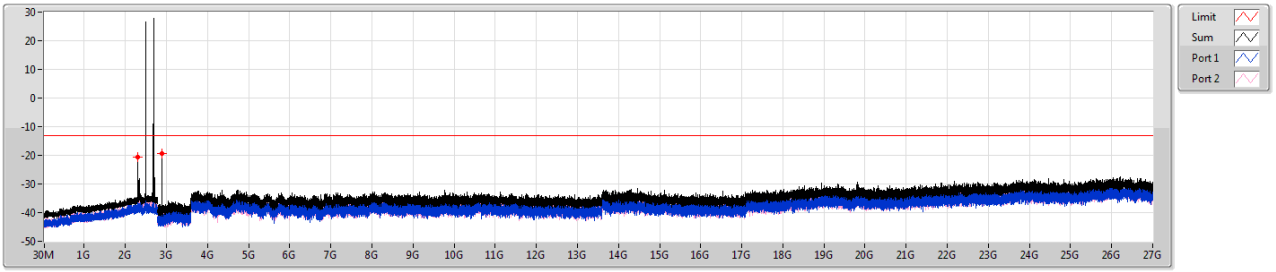
P#2498.5MHz,#2685MHz_64QAM_RB 1,#RB 0+RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.94	-13.00	-7.94	-	-	-38.72	-21.01
2.79G	27G	1M	3M	Peak	2.8823G	-23.92	-13.00	-10.92	-	-	-41.76	-23.99

Band 41_LTE_5MHz+15MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

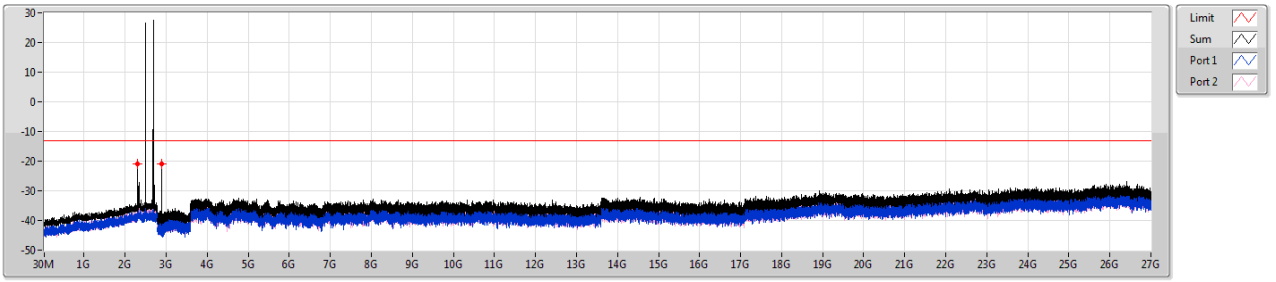
P#2498.5MHz,#2682.5MHz_QPSK_RB 1,#RB 0+RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.64	-13.00	-7.64	-	-	-38.59	-20.71
2.79G	27G	1M	3M	Peak	2.88154G	-19.45	-13.00	-6.45	-	-	-39.86	-19.49

Band 41_LTE_5MHz+15MHz_Nss1,16QAM_2TX **CSE-TX-Sum**

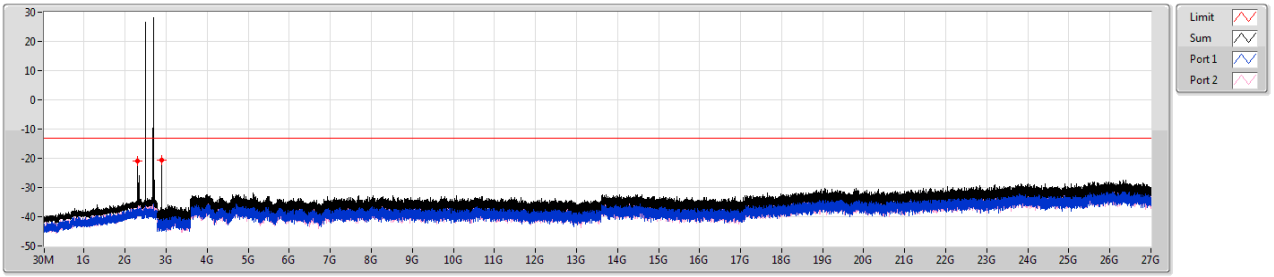
P#2498.5MHz,#2682.5MHz_16QAM_RB 1,#RB 0+RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-20.82	-13.00	-7.82	-	-	-37.61	-20.91
2.79G	27G	1M	3M	Peak	2.88154G	-20.86	-13.00	-7.86	-	-	-40.82	-20.90

Band 41_LTE_5MHz+15MHz_Nss1,64QAM_2TX **CSE-TX-Sum**

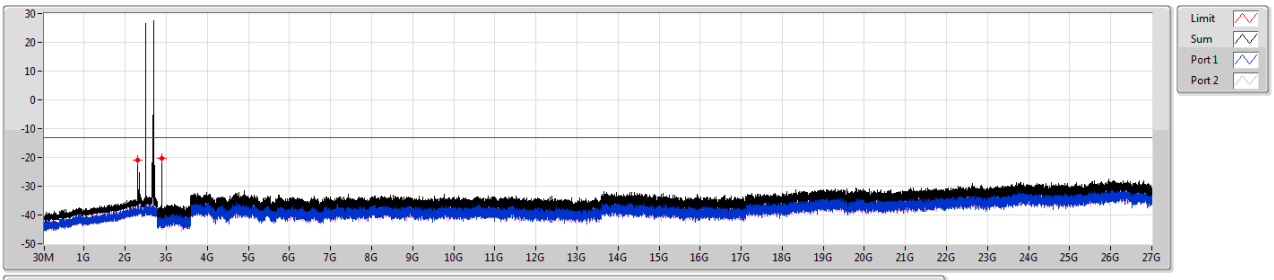
P#2498.5MHz,#2682.5MHz_64QAM_RB 1,#RB 0+RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-21.00	-13.00	-8.00	-	-	-39.01	-21.07
2.79G	27G	1M	3M	Peak	2.88154G	-20.47	-13.00	-7.47	-	-	-41.07	-20.51

Band 41_LTE_5MHz+20MHz_Nss1,QPSK_2TX **CSE-TX-Sum**

P#2498.5MHz,#2680MHz_QPSK_RB 1,#RB 0+RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)
30M	2.396G	1M	3M	Peak	2.30767G	-21.01	-13.00	-8.01	-	-	-39.23	-21.08
2.79G	27G	1M	3M	Peak	2.88154G	-20.24	-13.00	-7.24	-	-	-41.91	-20.27