FCC Test Report

FCC ID	:	**RF41539C**
Equipment	:	**Handheld Terminal**
Model No.	:	**DX-A400**
Brand Name	:	**KEYENCE**
Applicant	:	**KEYENCE CORPORATION**
Address	:	**1-3-14 HIGASHI-NAKAJIMA, HIGASHI-YODOGAWA-KU, OSAKA, JAPAN**
Standard	:	**47 CFR FCC Part 27**
Received Date	:	**Jun. 21, 2021**
Tested Date	:	**Aug. 03 ~ Aug. 11, 2021**

We, International Certification Corporation, 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

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Release Record

Report No.	Version	Description	Issued Date
FG162103P27-1	Rev. 01	Initial issue	Nov. 16, 2021

Summary of Test Results

FCC Rules	Description of Test	Measured	Result
2.1046 / 27.50(h)(2)	Output power	Maximum EIRP[W]: 0.192	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: 2555 MHz ~ 2655 MHz
Modulation Type	QPSK, 16QAM (Uplink)

1.1.2 Antenna Details

Ant. No.	Type	Gain (dBi)	Connector	Remark
1	PIFA	1.99	No	---

1.1.3 Power Supply Type of Equipment under Test (EUT)

Supply Voltage	3.8Vdc		
Operational Voltage	☒ Vnom (3.8 V)	☒ Vmax (3.99 V)	☒ Vmin (3.61 V)
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (50°C)	☒ Tmin (-30°C)

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	Battery	Brand: KEYENCE Model: DX-BQ3 Rating: 3.8Vdc (11.51Wh) 3030mAh

1.1.5 Maximum Conducted Power and Emission Designator

Mode	Maximum EIRP (W)	Emission Designator
LTE_5MHz_Nss1,QPSK_1TX	0.189	4M47G7D
LTE_5MHz_Nss1,16QAM_1TX	0.156	4M47W7D
LTE_10MHz_Nss1,QPSK_1TX	0.184	8M93G7D
LTE_10MHz_Nss1,16QAM_1TX	0.151	8M93W7D
LTE_15MHz_Nss1,QPSK_1TX	0.190	13M4G7D
LTE_15MHz_Nss1,16QAM_1TX	0.156	13M4W7D
LTE_20MHz_Nss1,QPSK_1TX	0.192	17M8G7D
LTE_20MHz_Nss1,16QAM_1TX	0.156	17M9W7D

1.1.6 Operating Channel List

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	40265	2557.5
5	40740	2605.0
5	41215	2652.5
10	40290	2560.0
10	40740	2605.0
10	41190	2650.0
15	40315	2562.5
15	40740	2605.0
15	41165	2647.5
20	40340	2565.0
20	40740	2605.0
20	41140	2645.0

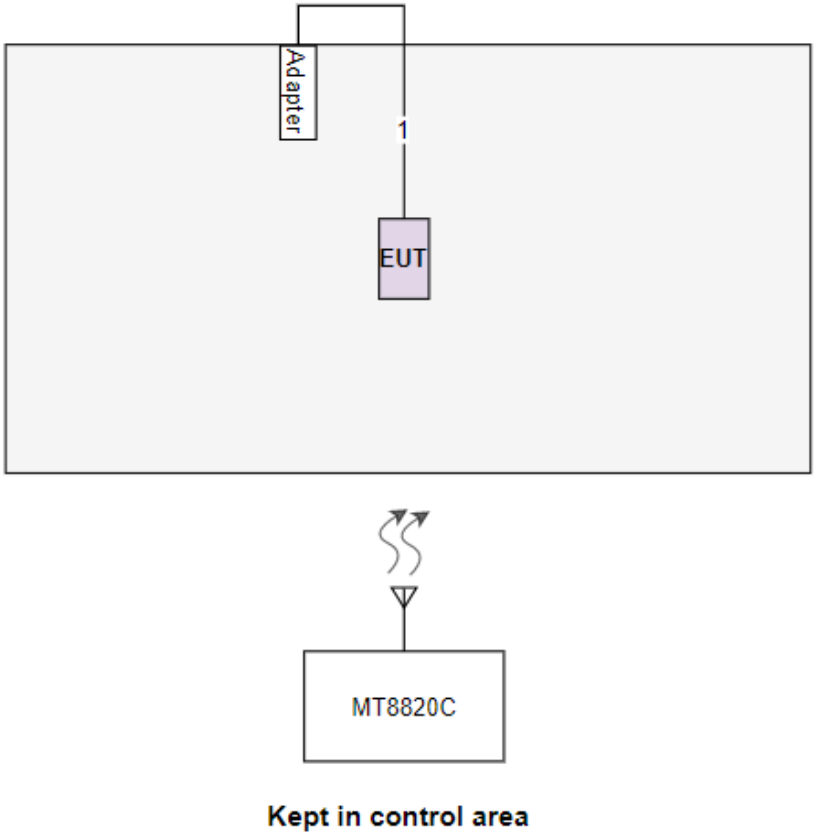
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Adapter	PHIHONG	PSA10F-050Q	---	Provided by applicant. Input: 100-240V~ 50/60Hz, 0.35A Output: 5.0V⎓2.0A, 10.0W

Note: Adapter is used for charging only.

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	USB, 1m shielded. (Provided by applicant.)

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Aug. 10 ~ Aug. 11, 2021				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	May 26, 2021	May 25, 2022
Receiver	R&S	ESR3	101657	Mar. 12, 2021	Mar. 11, 2022
Spectrum Analyzer	R&S	FSV40	101498	Dec. 04, 2020	Dec. 03, 2021
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2020	Nov. 16, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jun. 30, 2021	Jun. 29, 2022
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 11, 2020	Dec. 10, 2021
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 06, 2020	Nov. 05, 2021
Preamplifier	EMC	EMC02325	980225	Jun. 29, 2021	Jun. 28, 2022
Preamplifier	Agilent	83017A	MY39501308	Sep. 26, 2020	Sep. 25, 2021
Preamplifier	EMC	EMC184045B	980192	Jul. 14, 2021	Jul. 13, 2022
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 06, 2020	Oct. 05, 2021
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 06, 2020	Oct. 05, 2021
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 06, 2020	Oct. 05, 2021
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 06, 2020	Oct. 05, 2021
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	Aug. 03 ~ Aug. 09, 2021				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	May 26, 2021	May 25, 2022
Spectrum Analyzer	Keysight	N9010A	MY54510374	Aug. 19, 2020	Aug. 18, 2021
Power Meter	Anritsu	ML2495A	1241002	Nov. 04, 2020	Nov. 03, 2021
Power Sensor	Anritsu	MA2411B	1207366	Nov. 04, 2020	Nov. 03, 2021
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Nov. 09, 2020	Nov. 08, 2021
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GTH-150-40-CP-AR-T	MAA1407-012	Sep. 10, 2020	Sep. 09, 2021
Measurement Software	-	SENSE-FCC_2G-4G	V5.10.5.4	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 27
ANSI C63.26-2015

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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	±1x10^{-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

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	24°C / 68-69%	Akun Chung
RF Conducted	TH01-WS	22-25°C / 64-66%	Aska Huang

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

2.2 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

2.3 The Worst Test Modes and Channel Details

Test item	Channel Bandwidth	Modulation	Test channel
Output Power Conducted Emissions Occupied Bandwidth	5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	40265 / 40740 / 41215 40290 / 40740 / 41190 40315 / 40740 / 41165 40340 / 40740 / 41140
Radiated Emission ≤ 1GHz	5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK	40740 40740 40740 40740
Radiated Emission > 1GHz	5 MHz 10 MHz 15 MHz 20 MHz	QPSK QPSK QPSK QPSK	40265 / 40740 / 41215 40290 / 40740 / 41190 40315 / 40740 / 41165 40340 / 40740 / 41140
Band Edge	5 MHz 10 MHz 15 MHz 20 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	40265 / 41215 40290 / 41190 40315 / 41165 40340 / 41140
Frequency Stability	5 MHz 10 MHz 15 MHz 20 MHz	Un-modulation	40265 / 41215 40290 / 41190 40315 / 41165 40340 / 41140

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.

3 Test Results

3.1 Output Power

3.1.1 Limit of Output Power

Mobile stations are limited to 2.0 watts EIRP

3.1.2 Test Procedures

For E.I.R.P measurement

EIPR can be calculated by below formula from KDB 412172 D01.

1. EIRP = $P_T + G_T - L_C$

   P_T = transmitter output power, in dBm.

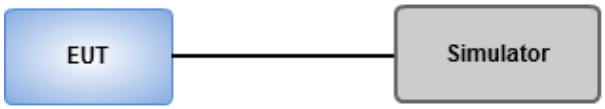
   G_T = gain of the transmitting antenna, in dBi (EIRP).

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

For Conducted power measurement

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

3.1.3 Test Setup



3.1.4 Test Result

Refer to Appendix A.

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

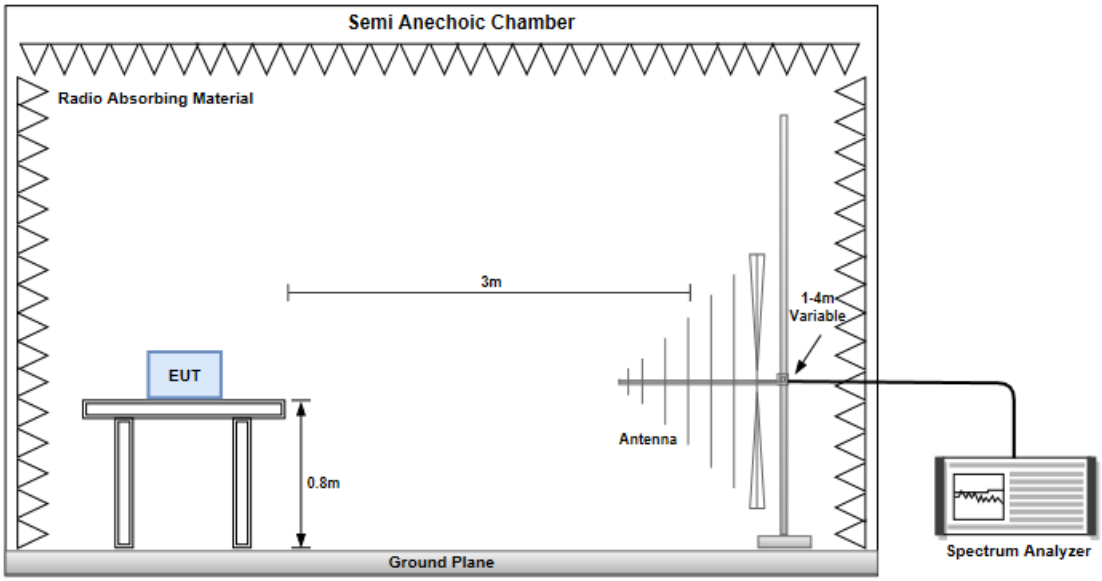
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13 dBm.

3.2.2 Test Procedures

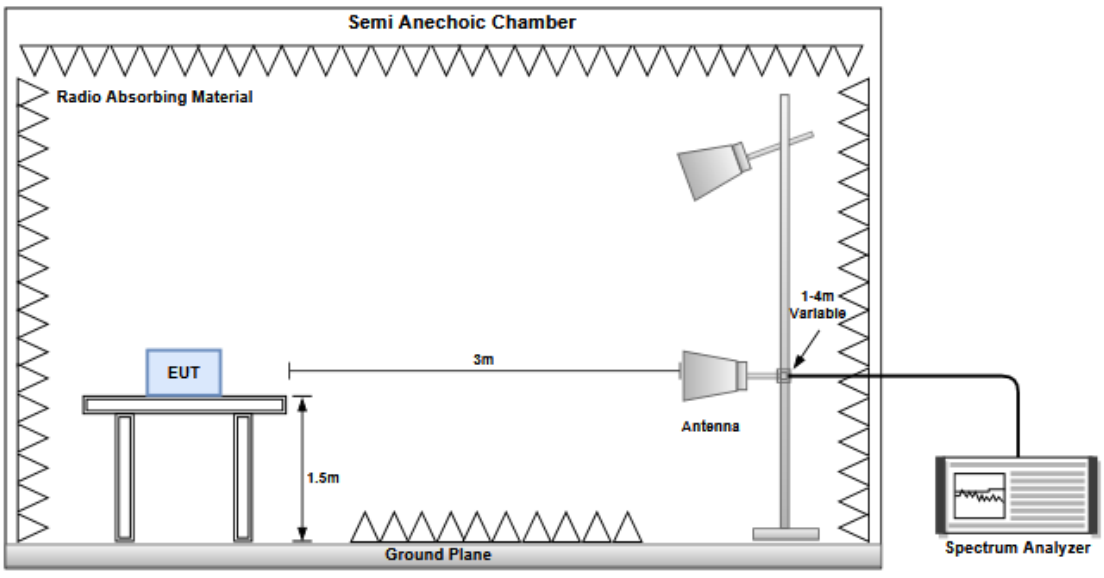
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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

Refer to Appendix B.

3.3 Conducted Emissions

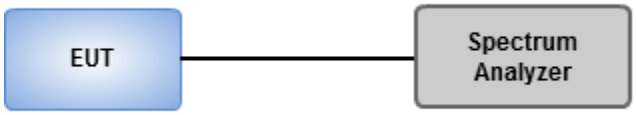
3.3.1 Limit of Conducted Emissions

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 55 + 10 log(P) dB equal to -25dBm.

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

Refer to Appendix C.1.

3.4 Channel Edge

3.4.1 Limit of Channel Edge

The attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph FCC Part 27.53(m)(6). In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz

3.4.2 Test Procedures

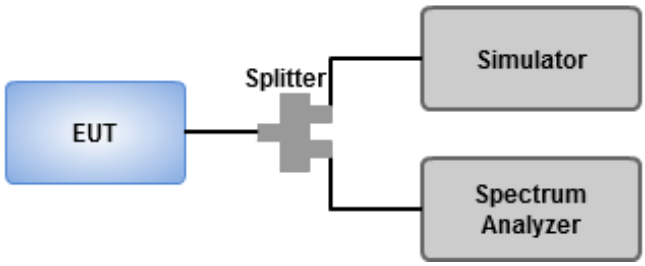
Band power measurement

1. Lowest and highest operating channels are tested for this item.
2. Set RBW = 2% of emission bandwidth, VBW = 3 x RBW, detector = RMS, sweep time = auto.
3. Enable adjacent channel power of spectrum analyzer to measure power of channel edge
4. Record the max trace value and capture the test plot.

Non-Band power measurement

1. Lowest and highest operating channels are tested for this item.
2. Set RBW = 1MHz, VBW = 3 MHz, detector = RMS, sweep time = auto.
3. Record the max trace value and capture the test plot.

3.4.3 Test Setup



3.4.4 Test Result of Band Edge

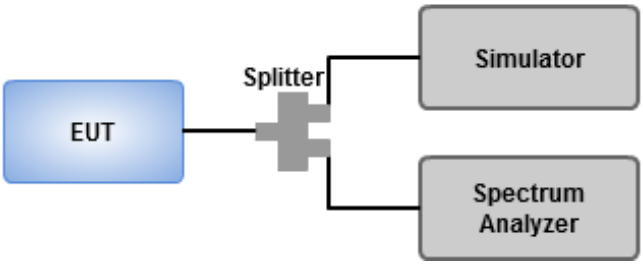
Refer to Appendix C.2.

3.5 Emission and Occupied Bandwidth

3.5.1 Test Procedures

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Set Detector = Peak, Trace mode = max hold, Sweep = auto couple, Allow the trace to stabilize.
3. Using 26dB and occupied bandwidth measurement function of spectrum analyzer to measure bandwidth

3.5.2 Test Setup



3.5.3 Test Result of Occupied and 26 dB Bandwidth

Refer to Appendix D.

3.6 Frequency Stability

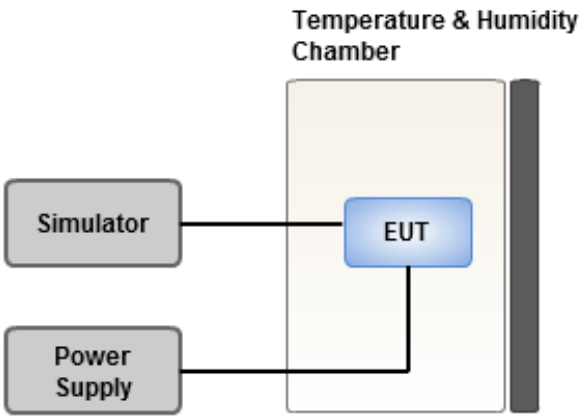
3.6.1 Limit of Frequency Stability

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.6.2 Test Procedures

1. EUT was placed at temperature chamber and connected to an external power supply.
2. Temperature and voltage condition shall be tested to confirm frequency stability.
3. The test shall be performed under normal and extreme condition for temperature and voltage.
4. Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Refer to Appendix E.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.) No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 333, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 41	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	20.78	0.120	22.77	0.18923
LTE_5MHz_Nss1,16QAM_1TX	19.93	0.098	21.92	0.15560
LTE_10MHz_Nss1,QPSK_1TX	20.65	0.116	22.64	0.18365
LTE_10MHz_Nss1,16QAM_1TX	19.80	0.095	21.79	0.15101
LTE_15MHz_Nss1,QPSK_1TX	20.80	0.120	22.79	0.19011
LTE_15MHz_Nss1,16QAM_1TX	19.95	0.099	21.94	0.15631
LTE_20MHz_Nss1,QPSK_1TX	20.85	0.122	22.84	0.19231
LTE_20MHz_Nss1,16QAM_1TX	19.94	0.099	21.93	0.15596

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
Band 41_LTE_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
2557.5MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.30	0.16982	2	20.31	0.107	Inf	20.31
2557.5MHz_QPSK_RB 1,#RB 12	Pass	1.99	22.60	0.18197	2	20.61	0.115	Inf	20.61
2557.5MHz_QPSK_RB 1,#RB 24	Pass	1.99	22.36	0.17219	2	20.37	0.109	Inf	20.37
2557.5MHz_QPSK_RB 12,#RB 0	Pass	1.99	21.48	0.14060	2	19.49	0.089	Inf	19.49
2557.5MHz_QPSK_RB 12,#RB 7	Pass	1.99	21.52	0.14191	2	19.53	0.090	Inf	19.53
2557.5MHz_QPSK_RB 12,#RB 13	Pass	1.99	21.45	0.13964	2	19.46	0.088	Inf	19.46
2557.5MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.51	0.14158	2	19.52	0.090	Inf	19.52
2605MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.50	0.17783	2	20.51	0.112	Inf	20.51
2605MHz_QPSK_RB 1,#RB 12	Pass	1.99	22.77	0.18923	2	20.78	0.120	Inf	20.78
2605MHz_QPSK_RB 1,#RB 24	Pass	1.99	22.47	0.17660	2	20.48	0.112	Inf	20.48
2605MHz_QPSK_RB 12,#RB 0	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_QPSK_RB 12,#RB 7	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_QPSK_RB 12,#RB 13	Pass	1.99	21.68	0.14723	2	19.69	0.093	Inf	19.69
2605MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.68	0.14723	2	19.69	0.093	Inf	19.69
2652.5MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.35	0.17179	2	20.36	0.109	Inf	20.36
2652.5MHz_QPSK_RB 1,#RB 12	Pass	1.99	22.53	0.17906	2	20.54	0.113	Inf	20.54
2652.5MHz_QPSK_RB 1,#RB 24	Pass	1.99	22.32	0.17061	2	20.33	0.108	Inf	20.33
2652.5MHz_QPSK_RB 12,#RB 0	Pass	1.99	21.52	0.14191	2	19.53	0.090	Inf	19.53
2652.5MHz_QPSK_RB 12,#RB 7	Pass	1.99	21.60	0.14454	2	19.61	0.091	Inf	19.61
2652.5MHz_QPSK_RB 12,#RB 13	Pass	1.99	21.57	0.14355	2	19.58	0.091	Inf	19.58
2652.5MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.53	0.14223	2	19.54	0.090	Inf	19.54
2557.5MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.45	0.13964	2	19.46	0.088	Inf	19.46
2557.5MHz_16QAM_RB 1,#RB 12	Pass	1.99	21.72	0.14859	2	19.73	0.094	Inf	19.73
2557.5MHz_16QAM_RB 1,#RB 24	Pass	1.99	21.50	0.14125	2	19.51	0.089	Inf	19.51
2557.5MHz_16QAM_RB 12,#RB 0	Pass	1.99	20.42	0.11015	2	18.43	0.070	Inf	18.43
2557.5MHz_16QAM_RB 12,#RB 7	Pass	1.99	20.48	0.11169	2	18.49	0.071	Inf	18.49
2557.5MHz_16QAM_RB 12,#RB 13	Pass	1.99	20.42	0.11015	2	18.43	0.070	Inf	18.43
2557.5MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.52	0.11272	2	18.53	0.071	Inf	18.53
2605MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.67	0.14689	2	19.68	0.093	Inf	19.68
2605MHz_16QAM_RB 1,#RB 12	Pass	1.99	21.92	0.15560	2	19.93	0.098	Inf	19.93
2605MHz_16QAM_RB 1,#RB 24	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_16QAM_RB 12,#RB 0	Pass	1.99	20.60	0.11482	2	18.61	0.073	Inf	18.61
2605MHz_16QAM_RB 12,#RB 7	Pass	1.99	20.65	0.11614	2	18.66	0.073	Inf	18.66
2605MHz_16QAM_RB 12,#RB 13	Pass	1.99	20.57	0.11402	2	18.58	0.072	Inf	18.58
2605MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.71	0.11776	2	18.72	0.074	Inf	18.72
2652.5MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.59	0.14421	2	19.60	0.091	Inf	19.6

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
2652.5MHz_16QAM_RB 1,#RB 12	Pass	1.99	21.78	0.15066	2	19.79	0.095	Inf	19.79
2652.5MHz_16QAM_RB 1,#RB 24	Pass	1.99	21.54	0.14256	2	19.55	0.090	Inf	19.55
2652.5MHz_16QAM_RB 12,#RB 0	Pass	1.99	20.56	0.11376	2	18.57	0.072	Inf	18.57
2652.5MHz_16QAM_RB 12,#RB 7	Pass	1.99	20.60	0.11482	2	18.61	0.073	Inf	18.61
2652.5MHz_16QAM_RB 12,#RB 13	Pass	1.99	20.57	0.11402	2	18.58	0.072	Inf	18.58
2652.5MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.63	0.11561	2	18.64	0.073	Inf	18.64
Band 41_LTE_10MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
2560MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.45	0.17579	2	20.46	0.111	Inf	20.46
2560MHz_QPSK_RB 1,#RB 25	Pass	1.99	22.43	0.17498	2	20.44	0.111	Inf	20.44
2560MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.47	0.17660	2	20.48	0.112	Inf	20.48
2560MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.51	0.14158	2	19.52	0.090	Inf	19.52
2560MHz_QPSK_RB 25,#RB 12	Pass	1.99	21.58	0.14388	2	19.59	0.091	Inf	19.59
2560MHz_QPSK_RB 25,#RB 25	Pass	1.99	21.56	0.14322	2	19.57	0.091	Inf	19.57
2560MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.55	0.14289	2	19.56	0.090	Inf	19.56
2605MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.64	0.18365	2	20.65	0.116	Inf	20.65
2605MHz_QPSK_RB 1,#RB 25	Pass	1.99	22.59	0.18155	2	20.60	0.115	Inf	20.6
2605MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.59	0.18155	2	20.60	0.115	Inf	20.6
2605MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.77	0.15031	2	19.78	0.095	Inf	19.78
2605MHz_QPSK_RB 25,#RB 12	Pass	1.99	21.71	0.14825	2	19.72	0.094	Inf	19.72
2605MHz_QPSK_RB 25,#RB 25	Pass	1.99	21.76	0.14997	2	19.77	0.095	Inf	19.77
2605MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.81	0.15171	2	19.82	0.096	Inf	19.82
2650MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.50	0.17783	2	20.51	0.112	Inf	20.51
2650MHz_QPSK_RB 1,#RB 25	Pass	1.99	22.41	0.17418	2	20.42	0.110	Inf	20.42
2650MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.44	0.17539	2	20.45	0.111	Inf	20.45
2650MHz_QPSK_RB 25,#RB 0	Pass	1.99	21.55	0.14289	2	19.56	0.090	Inf	19.56
2650MHz_QPSK_RB 25,#RB 12	Pass	1.99	21.58	0.14388	2	19.59	0.091	Inf	19.59
2650MHz_QPSK_RB 25,#RB 25	Pass	1.99	21.56	0.14322	2	19.57	0.091	Inf	19.57
2650MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.71	0.14825	2	19.72	0.094	Inf	19.72
2560MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.57	0.14355	2	19.58	0.091	Inf	19.58
2560MHz_16QAM_RB 1,#RB 25	Pass	1.99	21.58	0.14388	2	19.59	0.091	Inf	19.59
2560MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.61	0.14488	2	19.62	0.092	Inf	19.62
2560MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.57	0.11402	2	18.58	0.072	Inf	18.58
2560MHz_16QAM_RB 25,#RB 12	Pass	1.99	20.57	0.11402	2	18.58	0.072	Inf	18.58
2560MHz_16QAM_RB 25,#RB 25	Pass	1.99	20.58	0.11429	2	18.59	0.072	Inf	18.59
2560MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.57	0.11402	2	18.58	0.072	Inf	18.58
2605MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.79	0.15101	2	19.80	0.095	Inf	19.8
2605MHz_16QAM_RB 1,#RB 25	Pass	1.99	21.75	0.14962	2	19.76	0.095	Inf	19.76
2605MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.74	0.14928	2	19.75	0.094	Inf	19.75

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
2605MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.72	0.11803	2	18.73	0.075	Inf	18.73
2605MHz_16QAM_RB 25,#RB 12	Pass	1.99	20.73	0.11830	2	18.74	0.075	Inf	18.74
2605MHz_16QAM_RB 25,#RB 25	Pass	1.99	20.69	0.11722	2	18.70	0.074	Inf	18.7
2605MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.77	0.11940	2	18.78	0.076	Inf	18.78
2650MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.74	0.14928	2	19.75	0.094	Inf	19.75
2650MHz_16QAM_RB 1,#RB 25	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2650MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.65	0.14622	2	19.66	0.092	Inf	19.66
2650MHz_16QAM_RB 25,#RB 0	Pass	1.99	20.62	0.11535	2	18.63	0.073	Inf	18.63
2650MHz_16QAM_RB 25,#RB 12	Pass	1.99	20.70	0.11749	2	18.71	0.074	Inf	18.71
2650MHz_16QAM_RB 25,#RB 25	Pass	1.99	20.69	0.11722	2	18.70	0.074	Inf	18.7
2650MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.89	0.12274	2	18.90	0.078	Inf	18.9
Band 41_LTE_15MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
2562.5MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.37	0.17258	2	20.38	0.109	Inf	20.38
2562.5MHz_QPSK_RB 1,#RB 37	Pass	1.99	22.61	0.18239	2	20.62	0.115	Inf	20.62
2562.5MHz_QPSK_RB 1,#RB 74	Pass	1.99	22.34	0.17140	2	20.35	0.108	Inf	20.35
2562.5MHz_QPSK_RB 36,#RB 0	Pass	1.99	21.52	0.14191	2	19.53	0.090	Inf	19.53
2562.5MHz_QPSK_RB 36,#RB 20	Pass	1.99	21.57	0.14355	2	19.58	0.091	Inf	19.58
2562.5MHz_QPSK_RB 36,#RB 39	Pass	1.99	21.55	0.14289	2	19.56	0.090	Inf	19.56
2562.5MHz_QPSK_RB 75,#RB 0	Pass	1.99	21.52	0.14191	2	19.53	0.090	Inf	19.53
2605MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.47	0.17660	2	20.48	0.112	Inf	20.48
2605MHz_QPSK_RB 1,#RB 37	Pass	1.99	22.79	0.19011	2	20.80	0.120	Inf	20.8
2605MHz_QPSK_RB 1,#RB 74	Pass	1.99	22.49	0.17742	2	20.50	0.112	Inf	20.5
2605MHz_QPSK_RB 36,#RB 0	Pass	1.99	21.65	0.14622	2	19.66	0.092	Inf	19.66
2605MHz_QPSK_RB 36,#RB 20	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_QPSK_RB 36,#RB 39	Pass	1.99	21.69	0.14757	2	19.70	0.093	Inf	19.7
2605MHz_QPSK_RB 75,#RB 0	Pass	1.99	21.70	0.14791	2	19.71	0.094	Inf	19.71
2647.5MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.43	0.17498	2	20.44	0.111	Inf	20.44
2647.5MHz_QPSK_RB 1,#RB 37	Pass	1.99	22.63	0.18323	2	20.64	0.116	Inf	20.64
2647.5MHz_QPSK_RB 1,#RB 74	Pass	1.99	22.28	0.16904	2	20.29	0.107	Inf	20.29
2647.5MHz_QPSK_RB 36,#RB 0	Pass	1.99	21.58	0.14388	2	19.59	0.091	Inf	19.59
2647.5MHz_QPSK_RB 36,#RB 20	Pass	1.99	21.62	0.14521	2	19.63	0.092	Inf	19.63
2647.5MHz_QPSK_RB 36,#RB 39	Pass	1.99	21.60	0.14454	2	19.61	0.091	Inf	19.61
2647.5MHz_QPSK_RB 75,#RB 0	Pass	1.99	21.74	0.14928	2	19.75	0.094	Inf	19.75
2562.5MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.50	0.14125	2	19.51	0.089	Inf	19.51
2562.5MHz_16QAM_RB 1,#RB 37	Pass	1.99	21.75	0.14962	2	19.76	0.095	Inf	19.76
2562.5MHz_16QAM_RB 1,#RB 74	Pass	1.99	21.51	0.14158	2	19.52	0.090	Inf	19.52
2562.5MHz_16QAM_RB 36,#RB 0	Pass	1.99	20.42	0.11015	2	18.43	0.070	Inf	18.43
2562.5MHz_16QAM_RB 36,#RB 20	Pass	1.99	20.51	0.11246	2	18.52	0.071	Inf	18.52

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
2562.5MHz_16QAM_RB 36,#RB 39	Pass	1.99	20.48	0.11169	2	18.49	0.071	Inf	18.49
2562.5MHz_16QAM_RB 75,#RB 0	Pass	1.99	20.58	0.11429	2	18.59	0.072	Inf	18.59
2605MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_16QAM_RB 1,#RB 37	Pass	1.99	21.94	0.15631	2	19.95	0.099	Inf	19.95
2605MHz_16QAM_RB 1,#RB 74	Pass	1.99	21.60	0.14454	2	19.61	0.091	Inf	19.61
2605MHz_16QAM_RB 36,#RB 0	Pass	1.99	20.59	0.11455	2	18.60	0.072	Inf	18.6
2605MHz_16QAM_RB 36,#RB 20	Pass	1.99	20.63	0.11561	2	18.64	0.073	Inf	18.64
2605MHz_16QAM_RB 36,#RB 39	Pass	1.99	20.63	0.11561	2	18.64	0.073	Inf	18.64
2605MHz_16QAM_RB 75,#RB 0	Pass	1.99	20.67	0.11668	2	18.68	0.074	Inf	18.68
2647.5MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.65	0.14622	2	19.66	0.092	Inf	19.66
2647.5MHz_16QAM_RB 1,#RB 37	Pass	1.99	21.81	0.15171	2	19.82	0.096	Inf	19.82
2647.5MHz_16QAM_RB 1,#RB 74	Pass	1.99	21.48	0.14060	2	19.49	0.089	Inf	19.49
2647.5MHz_16QAM_RB 36,#RB 0	Pass	1.99	20.62	0.11535	2	18.63	0.073	Inf	18.63
2647.5MHz_16QAM_RB 36,#RB 20	Pass	1.99	20.66	0.11641	2	18.67	0.074	Inf	18.67
2647.5MHz_16QAM_RB 36,#RB 39	Pass	1.99	20.60	0.11482	2	18.61	0.073	Inf	18.61
2647.5MHz_16QAM_RB 75,#RB 0	Pass	1.99	20.86	0.12190	2	18.87	0.077	Inf	18.87
Band 41_LTE_20MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
2565MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.13	0.16331	2	20.14	0.103	Inf	20.14
2565MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.76	0.18880	2	20.77	0.119	Inf	20.77
2565MHz_QPSK_RB 1,#RB 99	Pass	1.99	22.22	0.16672	2	20.23	0.105	Inf	20.23
2565MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.51	0.14158	2	19.52	0.090	Inf	19.52
2565MHz_QPSK_RB 50,#RB 24	Pass	1.99	21.61	0.14488	2	19.62	0.092	Inf	19.62
2565MHz_QPSK_RB 50,#RB 50	Pass	1.99	21.67	0.14689	2	19.68	0.093	Inf	19.68
2565MHz_QPSK_RB 100,#RB 0	Pass	1.99	21.55	0.14289	2	19.56	0.090	Inf	19.56
2605MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.26	0.16827	2	20.27	0.106	Inf	20.27
2605MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.84	0.19231	2	20.85	0.122	Inf	20.85
2605MHz_QPSK_RB 1,#RB 99	Pass	1.99	22.25	0.16788	2	20.26	0.106	Inf	20.26
2605MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.66	0.14655	2	19.67	0.093	Inf	19.67
2605MHz_QPSK_RB 50,#RB 24	Pass	1.99	21.75	0.14962	2	19.76	0.095	Inf	19.76
2605MHz_QPSK_RB 50,#RB 50	Pass	1.99	21.69	0.14757	2	19.70	0.093	Inf	19.7
2605MHz_QPSK_RB 100,#RB 0	Pass	1.99	21.63	0.14555	2	19.64	0.092	Inf	19.64
2645MHz_QPSK_RB 1,#RB 0	Pass	1.99	22.24	0.16749	2	20.25	0.106	Inf	20.25
2645MHz_QPSK_RB 1,#RB 49	Pass	1.99	22.70	0.18621	2	20.71	0.118	Inf	20.71
2645MHz_QPSK_RB 1,#RB 99	Pass	1.99	22.10	0.16218	2	20.11	0.103	Inf	20.11
2645MHz_QPSK_RB 50,#RB 0	Pass	1.99	21.72	0.14859	2	19.73	0.094	Inf	19.73
2645MHz_QPSK_RB 50,#RB 24	Pass	1.99	21.74	0.14928	2	19.75	0.094	Inf	19.75
2645MHz_QPSK_RB 50,#RB 50	Pass	1.99	21.65	0.14622	2	19.66	0.092	Inf	19.66
2645MHz_QPSK_RB 100,#RB 0	Pass	1.99	21.62	0.14521	2	19.63	0.092	Inf	19.63

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
2565MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.28	0.13428	2	19.29	0.085	Inf	19.29
2565MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.80	0.15136	2	19.81	0.096	Inf	19.81
2565MHz_16QAM_RB 1,#RB 99	Pass	1.99	21.34	0.13614	2	19.35	0.086	Inf	19.35
2565MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.51	0.11246	2	18.52	0.071	Inf	18.52
2565MHz_16QAM_RB 50,#RB 24	Pass	1.99	20.64	0.11588	2	18.65	0.073	Inf	18.65
2565MHz_16QAM_RB 50,#RB 50	Pass	1.99	20.65	0.11614	2	18.66	0.073	Inf	18.66
2565MHz_16QAM_RB 100,#RB 0	Pass	1.99	20.54	0.11324	2	18.55	0.072	Inf	18.55
2605MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.44	0.13932	2	19.45	0.088	Inf	19.45
2605MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.93	0.15596	2	19.94	0.099	Inf	19.94
2605MHz_16QAM_RB 1,#RB 99	Pass	1.99	21.43	0.13900	2	19.44	0.088	Inf	19.44
2605MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.68	0.11695	2	18.69	0.074	Inf	18.69
2605MHz_16QAM_RB 50,#RB 24	Pass	1.99	20.74	0.11858	2	18.75	0.075	Inf	18.75
2605MHz_16QAM_RB 50,#RB 50	Pass	1.99	20.67	0.11668	2	18.68	0.074	Inf	18.68
2605MHz_16QAM_RB 100,#RB 0	Pass	1.99	20.68	0.11695	2	18.69	0.074	Inf	18.69
2645MHz_16QAM_RB 1,#RB 0	Pass	1.99	21.47	0.14028	2	19.48	0.089	Inf	19.48
2645MHz_16QAM_RB 1,#RB 49	Pass	1.99	21.91	0.15524	2	19.92	0.098	Inf	19.92
2645MHz_16QAM_RB 1,#RB 99	Pass	1.99	21.33	0.13583	2	19.34	0.086	Inf	19.34
2645MHz_16QAM_RB 50,#RB 0	Pass	1.99	20.88	0.12246	2	18.89	0.077	Inf	18.89
2645MHz_16QAM_RB 50,#RB 24	Pass	1.99	20.93	0.12388	2	18.94	0.078	Inf	18.94
2645MHz_16QAM_RB 50,#RB 50	Pass	1.99	20.85	0.12162	2	18.86	0.077	Inf	18.86
2645MHz_16QAM_RB 100,#RB 0	Pass	1.99	20.79	0.11995	2	18.80	0.076	Inf	18.8

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

Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40740						
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)**
30.35	H	-69.51	-25.00	-44.51	-74.02	-50.11	-19.40
45.96	H	-70.44	-25.00	-45.44	-73.95	-53.61	-16.83
162.34	H	-75.74	-25.00	-50.74	-73.87	-69.49	-6.25
205.26	H	-71.49	-25.00	-46.49	-67.72	-68.65	-2.84
277.58	H	-73.11	-25.00	-48.11	-72.41	-71.79	-1.32
472.54	H	-71.56	-25.00	-46.56	-74.80	-70.10	-1.46
30.59	V	-65.86	-25.00	-40.86	-63.86	-46.52	-19.34
51.45	V	-66.58	-25.00	-41.58	-65.61	-50.67	-15.91
89.39	V	-70.06	-25.00	-45.06	-70.01	-64.99	-5.07
169.58	V	-69.45	-25.00	-44.45	-72.21	-63.76	-5.69
203.85	V	-70.51	-25.00	-45.51	-69.72	-67.62	-2.89
418.92	V	-73.55	-25.00	-48.55	-77.26	-72.10	-1.45

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 40740						
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)**
30.25	H	-68.42	-25.00	-43.42	-72.94	-49.00	-19.42
45.56	H	-69.75	-25.00	-44.75	-73.35	-52.86	-16.89
162.48	H	-76.15	-25.00	-51.15	-74.27	-69.91	-6.24
206.59	H	-69.45	-25.00	-44.45	-65.77	-66.65	-2.80
277.51	H	-74.78	-25.00	-49.78	-74.08	-73.46	-1.32
472.34	H	-71.59	-25.00	-46.59	-74.83	-70.13	-1.46
30.89	V	-67.46	-25.00	-42.46	-65.47	-48.19	-19.27
51.52	V	-68.31	-25.00	-43.31	-67.33	-52.42	-15.89
89.46	V	-70.25	-25.00	-45.25	-70.21	-65.19	-5.06
168.21	V	-69.62	-25.00	-44.62	-72.46	-63.82	-5.80
203.24	V	-70.51	-25.00	-45.51	-69.72	-67.60	-2.91
419.65	V	-71.51	-25.00	-46.51	-75.24	-70.06	-1.45

NOTE: EIRP = S.G power value + correction factor

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40740						
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)**
30.68	H	-69.45	-25.00	-44.45	-73.93	-50.13	-19.32
45.77	H	-70.26	-25.00	-45.26	-73.82	-53.40	-16.86
160.31	H	-76.21	-25.00	-51.21	-74.44	-69.80	-6.41
206.58	H	-69.82	-25.00	-44.82	-66.14	-67.02	-2.80
277.58	H	-72.16	-25.00	-47.16	-71.46	-70.84	-1.32
472.54	H	-71.92	-25.00	-46.92	-75.16	-70.46	-1.46
30.46	V	-65.96	-25.00	-40.96	-63.95	-46.59	-19.37
51.42	V	-66.81	-25.00	-41.81	-65.85	-50.90	-15.91
59.28	V	-68.41	-25.00	-43.41	-68.34	-63.31	-5.10
167.44	V	-70.52	-25.00	-45.52	-73.40	-64.66	-5.86
203.48	V	-70.41	-25.00	-45.41	-69.62	-67.51	-2.90
418.26	V	-73.95	-25.00	-48.95	-77.64	-72.50	-1.45

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40740						
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)**
30.33	H	-67.86	-25.00	-42.86	-72.37	-48.46	-19.40
45.61	H	-70.46	-25.00	-45.46	-74.05	-53.58	-16.88
162.59	H	-75.61	-25.00	-50.61	-73.73	-69.38	-6.23
208.47	H	-69.51	-25.00	-44.51	-65.95	-66.77	-2.74
277.47	H	-75.21	-25.00	-50.21	-74.50	-73.89	-1.32
471.69	H	-71.44	-25.00	-46.44	-74.68	-69.98	-1.46
30.21	V	-67.58	-25.00	-42.58	-65.55	-48.15	-19.43
51.46	V	-68.24	-25.00	-43.24	-67.27	-52.33	-15.91
89.63	V	-70.22	-25.00	-45.22	-70.20	-65.20	-5.02
167.45	V	-69.64	-25.00	-44.64	-72.52	-63.78	-5.86
202.59	V	-67.55	-25.00	-42.55	-66.75	-64.62	-2.93
419.69	V	-73.04	-25.00	-48.04	-76.77	-71.59	-1.45

NOTE: EIRP = S.G power value + correction factor

Test Result of Radiated Emissions above 1GHz

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40625						
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)**
5115.00	H	-39.53	-25.00	-14.53	-55.45	-44.97	5.44
7672.50	H	-36.76	-25.00	-11.76	-56.68	-39.86	3.10
10230.00	H	-40.27	-25.00	-15.27	-62.98	-41.08	0.81
5115.00	V	-33.59	-25.00	-8.59	-49.31	-39.03	5.44
7672.50	V	-30.16	-25.00	-5.16	-50.35	-33.26	3.10
10230.00	V	-40.14	-25.00	-15.14	-61.51	-40.95	0.81

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 40740						
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)**
5210.00	H	-43.07	-25.00	-18.07	-59.02	-48.49	5.42
7815.00	H	-38.80	-25.00	-13.80	-58.96	-41.89	3.09
10420.00	H	-39.66	-25.00	-14.66	-62.04	-40.21	0.55
5210.00	V	-37.17	-25.00	-12.17	-52.88	-42.59	5.42
7815.00	V	-31.35	-25.00	-6.35	-52.00	-34.44	3.09
10420.00	V	-38.48	-25.00	-13.48	-59.94	-39.03	0.55

Mode	LTE Band 41, QPSK, CB:5 MHz, 1 RB Offset 12, Channel: 41215						
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)**
5305.00	H	-40.31	-25.00	-15.31	-56.28	-45.95	5.64
7957.50	H	-39.44	-25.00	-14.44	-59.46	-42.05	2.61
10610.00	H	-37.10	-25.00	-12.10	-59.33	-37.43	0.33
5305.00	V	-35.63	-25.00	-10.63	-51.51	-41.27	5.64
7957.50	V	-32.23	-25.00	-7.23	-52.88	-34.84	2.61
10610.00	V	-36.66	-25.00	-11.66	-58.22	-36.99	0.33

NOTE: EIRP = S.G power value + correction factor

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 40290						
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)**
5111.20	H	-39.48	-25.00	-14.48	-55.40	-44.92	5.44
7666.80	H	-36.84	-25.00	-11.84	-56.83	-39.94	3.10
10222.40	H	-40.46	-25.00	-15.46	-63.16	-41.26	0.80
5111.20	V	-33.68	-25.00	-8.68	-49.39	-39.12	5.44
7666.80	V	-30.92	-25.00	-5.92	-51.24	-34.02	3.10
10222.40	V	-40.38	-25.00	-15.38	-61.76	-41.18	0.80

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 40740						
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)**
5201.20	H	-43.21	-25.00	-18.21	-59.16	-48.63	5.42
7801.80	H	-38.62	-25.00	-13.62	-58.78	-41.71	3.09
10402.40	H	-39.44	-25.00	-14.44	-61.82	-39.99	0.55
5201.20	V	-37.26	-25.00	-12.26	-52.97	-42.68	5.42
7801.80	V	-31.65	-25.00	-6.65	-52.30	-34.74	3.09
10402.40	V	-38.12	-25.00	-13.12	-59.58	-38.67	0.55

Mode	LTE Band 41, QPSK, CB:10 MHz, 1 RB Offset 25, Channel: 41190						
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)**
5291.20	H	-40.14	-25.00	-15.14	-56.11	-45.76	5.62
7936.80	H	-39.82	-25.00	-14.82	-59.84	-42.46	2.64
10582.40	H	-38.92	-25.00	-13.92	-61.16	-39.26	0.34
5291.20	V	-35.82	-25.00	-10.82	-51.69	-41.44	5.62
7936.80	V	-32.51	-25.00	-7.51	-53.16	-35.15	2.64
10582.40	V	-36.42	-25.00	-11.42	-57.98	-36.76	0.34

NOTE: EIRP = S.G power value + correction factor

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40315						
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)**
5125.00	H	-39.28	-25.00	-14.28	-55.20	-44.71	5.43
7687.50	H	-36.91	-25.00	-11.91	-56.92	-40.01	3.10
10250.00	H	-40.06	-25.00	-15.06	-62.73	-40.84	0.78
5125.00	V	-33.24	-25.00	-8.24	-48.95	-38.67	5.43
7687.50	V	-30.44	-25.00	-5.44	-50.79	-33.54	3.10
10250.00	V	-40.36	-25.00	-15.36	-61.74	-41.14	0.78

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 40740						
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)**
5210.00	H	-43.44	-25.00	-18.44	-59.39	-48.86	5.42
7815.00	H	-39.26	-25.00	-14.26	-59.42	-42.35	3.09
10420.00	H	-39.86	-25.00	-14.86	-62.24	-40.41	0.55
5210.00	V	-37.82	-25.00	-12.82	-53.53	-43.24	5.42
7815.00	V	-31.99	-25.00	-6.99	-52.64	-35.08	3.09
10420.00	V	-38.32	-25.00	-13.32	-59.78	-38.87	0.55

Mode	LTE Band 41, QPSK, CB:15 MHz, 1 RB Offset 37, Channel: 41165						
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)**
5295.00	H	-40.57	-25.00	-15.57	-56.53	-46.18	5.61
7942.50	H	-39.61	-25.00	-14.61	-59.63	-42.27	2.66
10590.00	H	-37.24	-25.00	-12.24	-59.47	-37.59	0.35
5295.00	V	-35.94	-25.00	-10.94	-51.80	-41.55	5.61
7942.50	V	-32.76	-25.00	-7.76	-53.40	-35.42	2.66
10590.00	V	-36.44	-25.00	-11.44	-57.98	-36.79	0.35

NOTE: EIRP = S.G power value + correction factor

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40340						
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)**
5130.00	H	-40.83	-25.00	-15.83	-56.76	-46.26	5.43
7695.00	H	-37.20	-25.00	-12.20	-57.22	-40.30	3.10
10260.00	H	-40.90	-25.00	-15.90	-63.55	-41.67	0.77
5130.00	V	-34.75	-25.00	-9.75	-50.46	-40.18	5.43
7695.00	V	-30.89	-25.00	-5.89	-51.26	-33.99	3.10
10260.00	V	-39.08	-25.00	-14.08	-60.46	-39.85	0.77

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 40740						
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)**
5210.00	H	-42.50	-25.00	-17.50	-58.45	-47.92	5.42
7815.00	H	-38.47	-25.00	-13.47	-58.63	-41.56	3.09
10420.00	H	-41.23	-25.00	-16.23	-63.61	-41.78	0.55
5210.00	V	-36.17	-25.00	-11.17	-51.88	-41.59	5.42
7815.00	V	-31.71	-25.00	-6.71	-52.36	-34.80	3.09
10420.00	V	-39.02	-25.00	-14.02	-60.48	-39.57	0.55

Mode	LTE Band 41, QPSK, CB:20 MHz, 1 RB Offset 49, Channel: 41140						
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)**
5290.00	H	-41.53	-25.00	-16.53	-57.49	-47.13	5.60
7935.00	H	-40.21	-25.00	-15.21	-60.25	-42.90	2.69
10580.00	H	-36.88	-25.00	-11.88	-59.12	-37.24	0.36
5290.00	V	-36.61	-25.00	-11.61	-52.46	-42.21	5.60
7935.00	V	-32.64	-25.00	-7.64	-53.29	-35.33	2.69
10580.00	V	-36.11	-25.00	-11.11	-57.65	-36.47	0.36

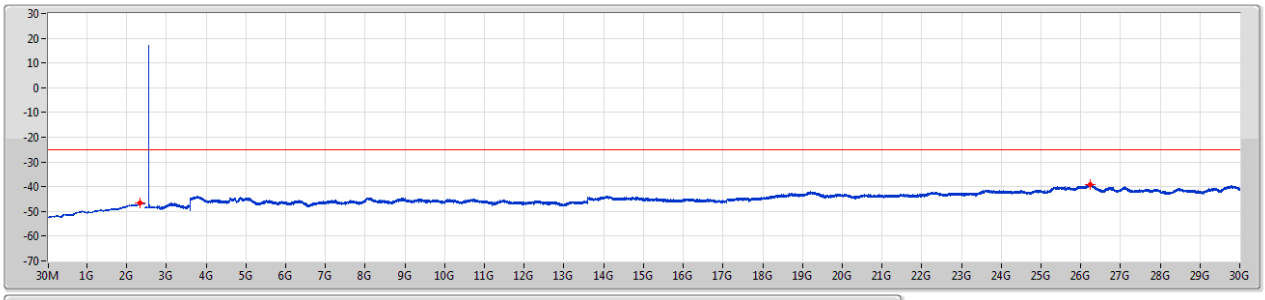
NOTE: EIRP = S.G power value + correction factor

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_1TX	Pass	2.755G	30G	1M	3M	RMS	26.24274G	-39.12	-25.00	-14.12	-	-
LTE_5MHz_Nss1,16QAMCS_1TX	Pass	2.755G	30G	1M	3M	RMS	26.22146G	-39.23	-25.00	-14.23	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	2.755G	30G	1M	3M	RMS	26.26573G	-39.27	-25.00	-14.27	-	-
LTE_10MHz_Nss1,16QAMCS_1TX	Pass	2.755G	30G	1M	3M	RMS	26.26403G	-39.15	-25.00	-14.15	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	2.755G	30G	1M	3M	RMS	26.25126G	-39.22	-25.00	-14.22	-	-
LTE_15MHz_Nss1,16QAMCS_1TX	Pass	2.755G	30G	1M	3M	RMS	26.22486G	-39.23	-25.00	-14.23	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	2.755G	30G	1M	3M	RMS	26.25892G	-39.02	-25.00	-14.02	-	-
LTE_20MHz_Nss1,16QAMCS_1TX	Pass	2.755G	30G	1M	3M	RMS	26.25552G	-39.12	-25.00	-14.12	-	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

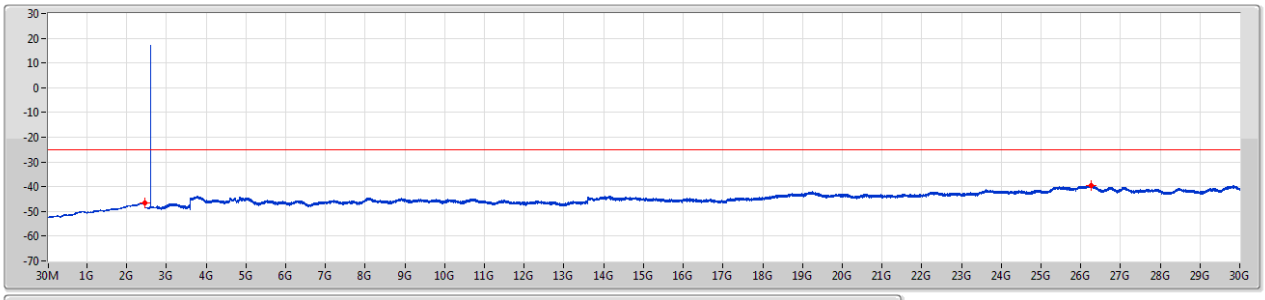
2557.5MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.34588G	-46.45	-25.00	-21.45	-	-
2.755G	30G	1M	3M	RMS	26.24274G	-39.12	-25.00	-14.12	-	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

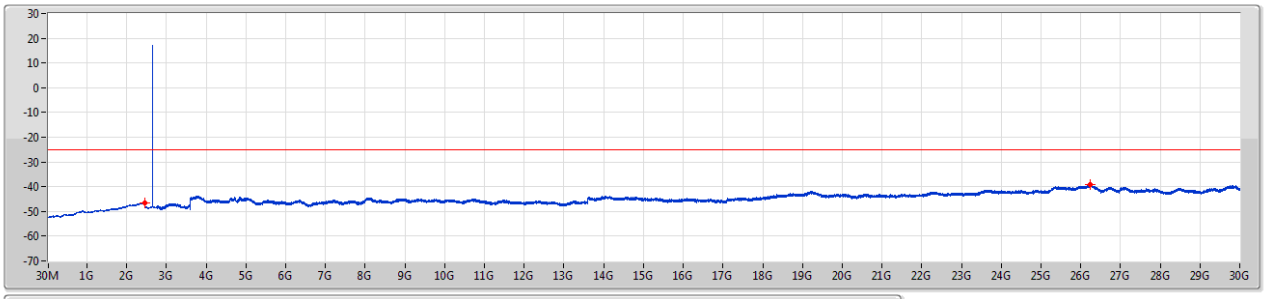
2605MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44894G	-46.55	-25.00	-21.55	-	-
2.755G	30G	1M	3M	RMS	26.25807G	-39.36	-25.00	-14.36	-	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

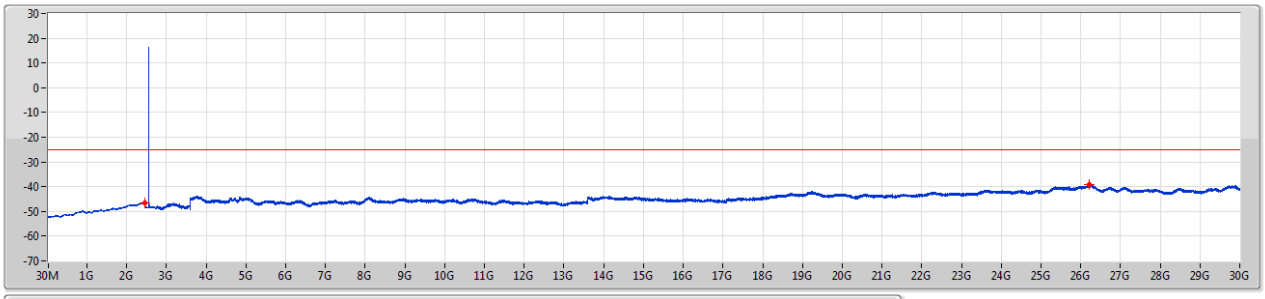
2652.5MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45197G	-46.51	-25.00	-21.51	-	-
2.755G	30G	1M	3M	RMS	26.24019G	-39.27	-25.00	-14.27	-	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

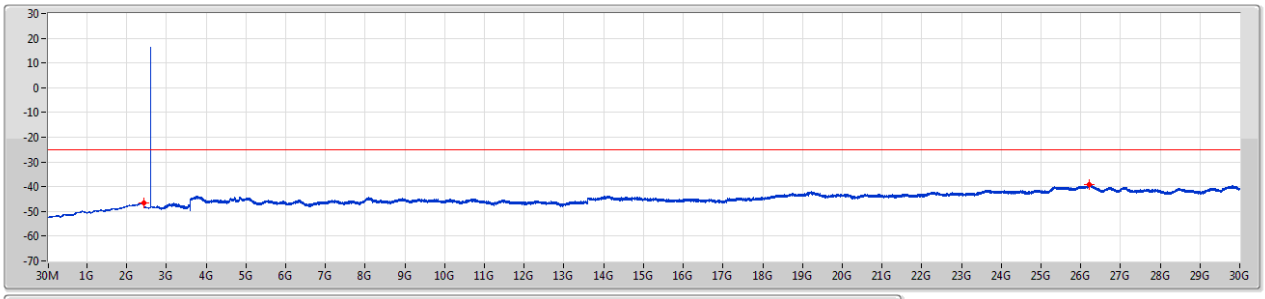
2557.5MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45318G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.22316G	-39.27	-25.00	-14.27	-	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

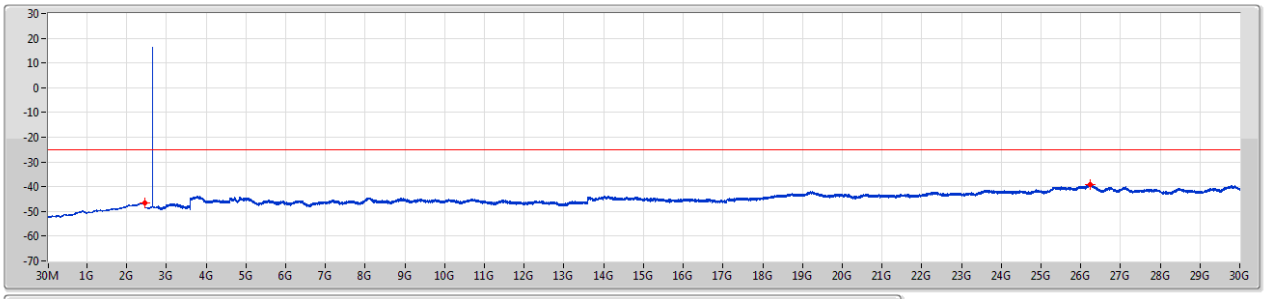
2605MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44409G	-46.56	-25.00	-21.56	-	-
2.755G	30G	1M	3M	RMS	26.22146G	-39.23	-25.00	-14.23	-	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

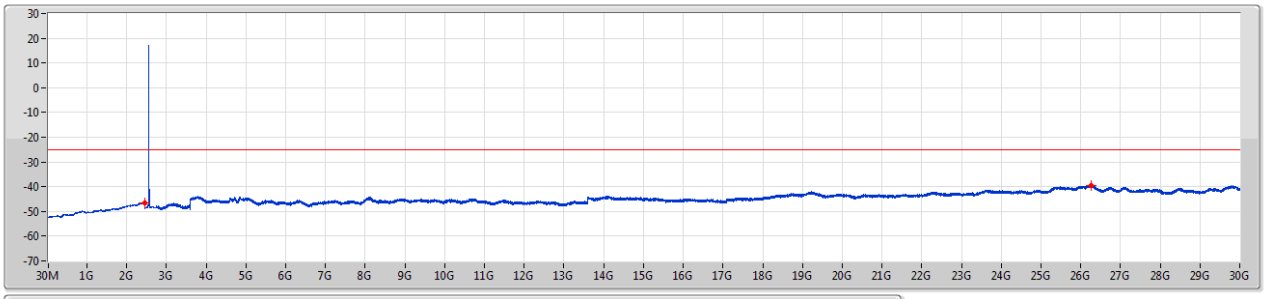
2652.5MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45379G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.24019G	-39.27	-25.00	-14.27	-	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

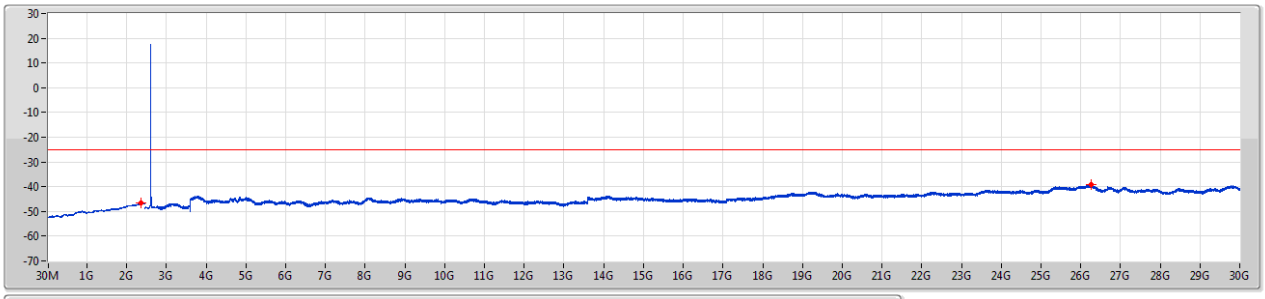
2560MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45439G	-46.55	-25.00	-21.55	-	-
2.755G	30G	1M	3M	RMS	26.26403G	-39.34	-25.00	-14.34	-	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

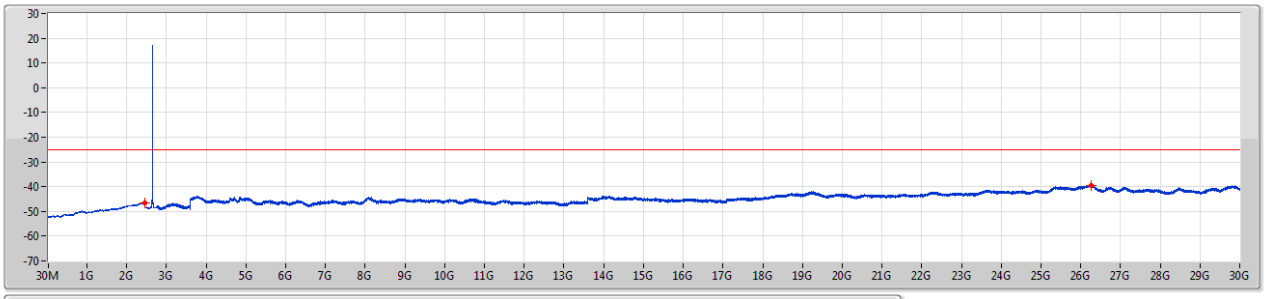
2605MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.3483G	-46.54	-25.00	-21.54	-	-
2.755G	30G	1M	3M	RMS	26.26573G	-39.27	-25.00	-14.27	-	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

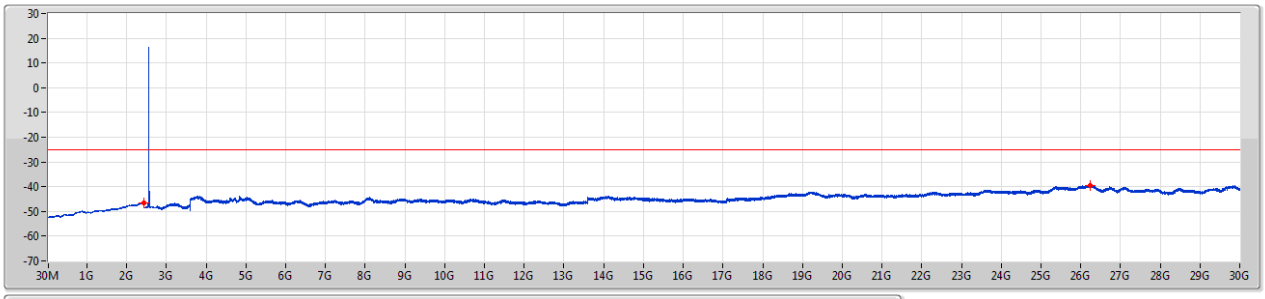
2650MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45439G	-46.51	-25.00	-21.51	-	-
2.755G	30G	1M	3M	RMS	26.26062G	-39.39	-25.00	-14.39	-	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

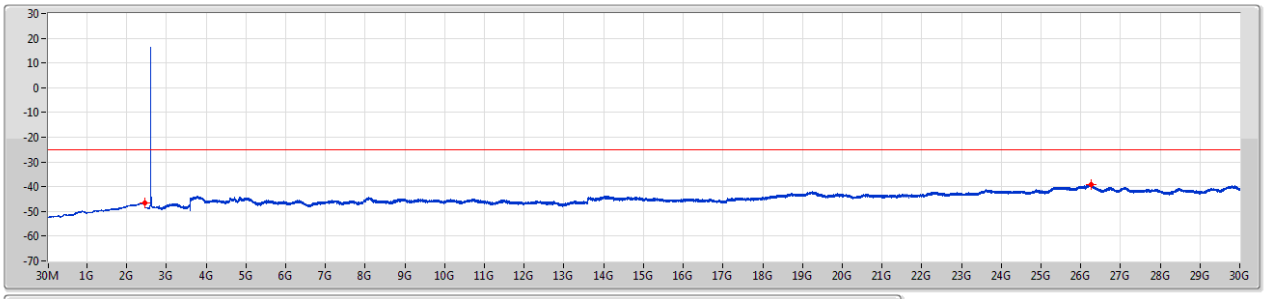
2560MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44288G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.24019G	-39.34	-25.00	-14.34	-	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

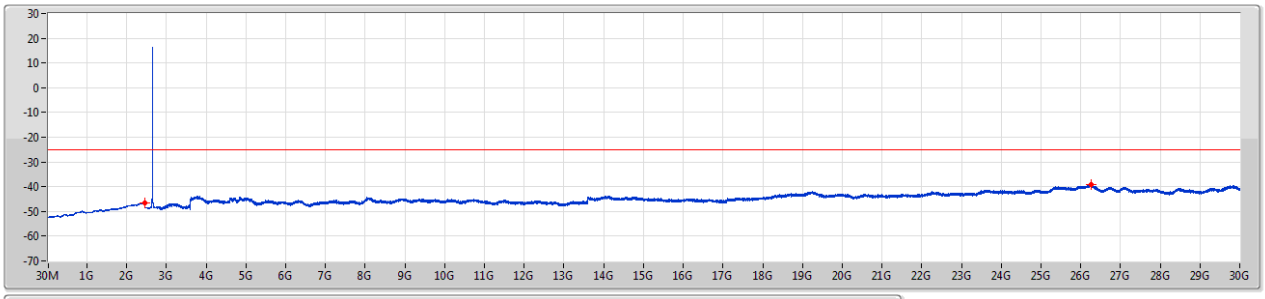
2605MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45197G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.25552G	-39.28	-25.00	-14.28	-	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

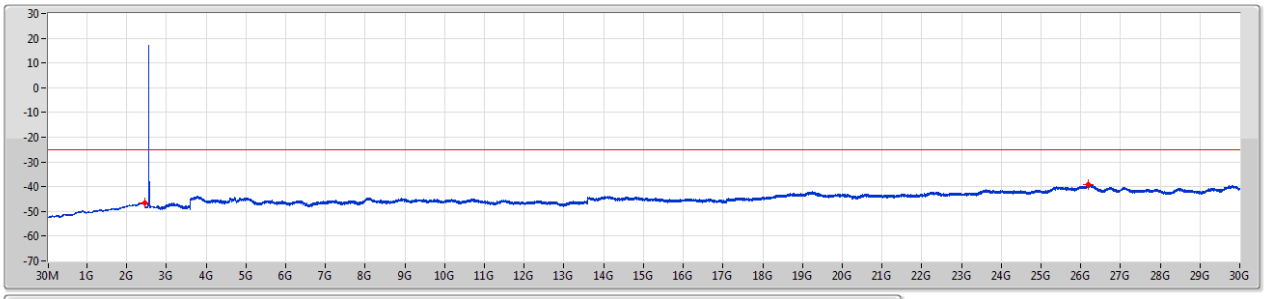
2650MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45318G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.26403G	-39.15	-25.00	-14.15	-	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

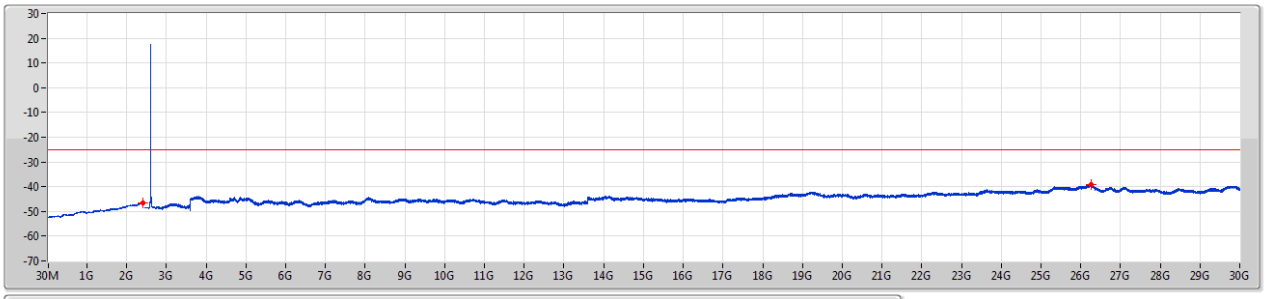
2562.5MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45197G	-46.55	-25.00	-21.55	-	-
2.755G	30G	1M	3M	RMS	26.19507G	-39.28	-25.00	-14.28	-	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

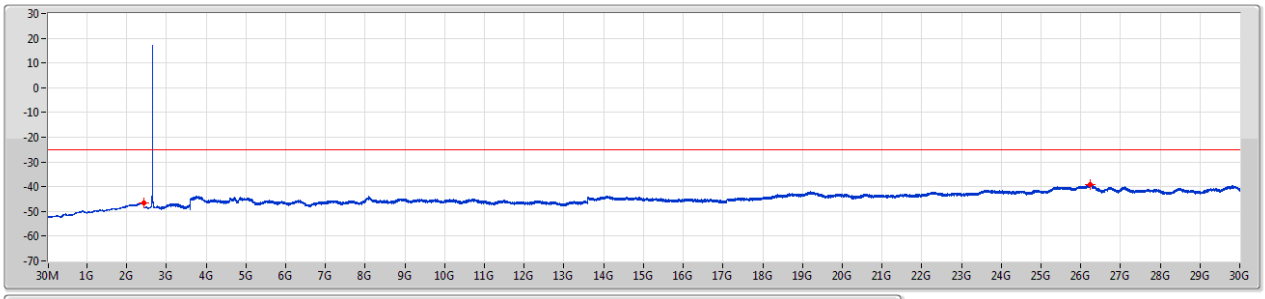
2605MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.4162G	-46.53	-25.00	-21.53	-	-
2.755G	30G	1M	3M	RMS	26.25126G	-39.22	-25.00	-14.22	-	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

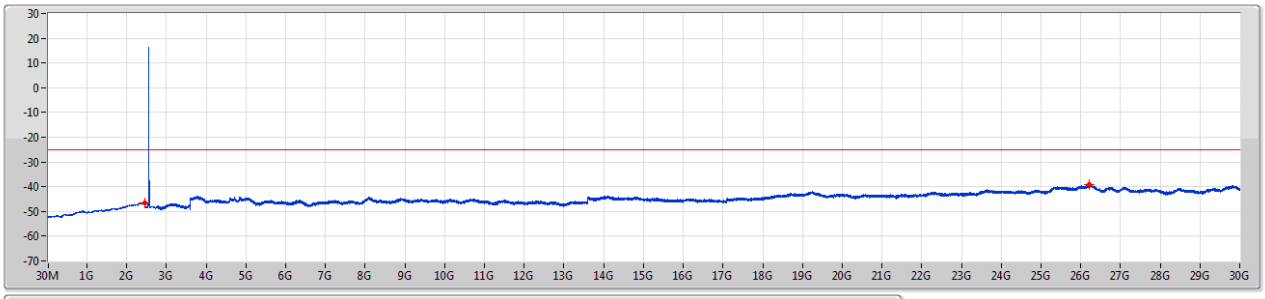
2647.5MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.43681G	-46.50	-25.00	-21.50	-	-
2.755G	30G	1M	3M	RMS	26.23508G	-39.31	-25.00	-14.31	-	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

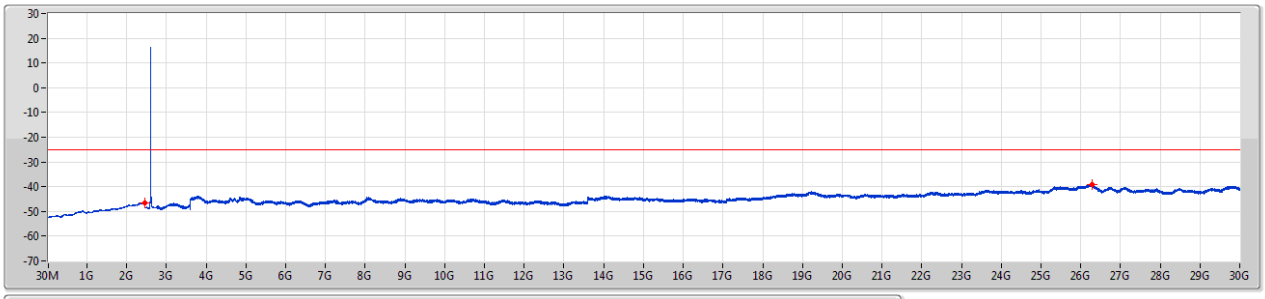
2562.5MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.455G	-46.51	-25.00	-21.51	-	-
2.755G	30G	1M	3M	RMS	26.22486G	-39.23	-25.00	-14.23	-	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

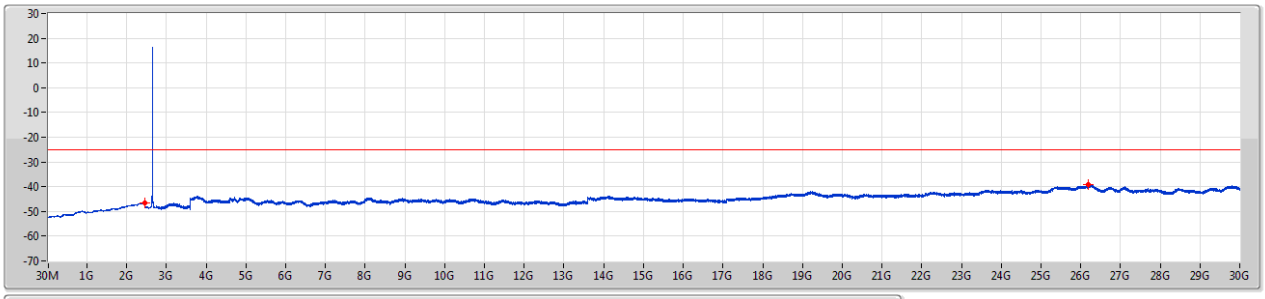
2605MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45439G	-46.53	-25.00	-21.53	-	-
2.755G	30G	1M	3M	RMS	26.27765G	-39.28	-25.00	-14.28	-	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

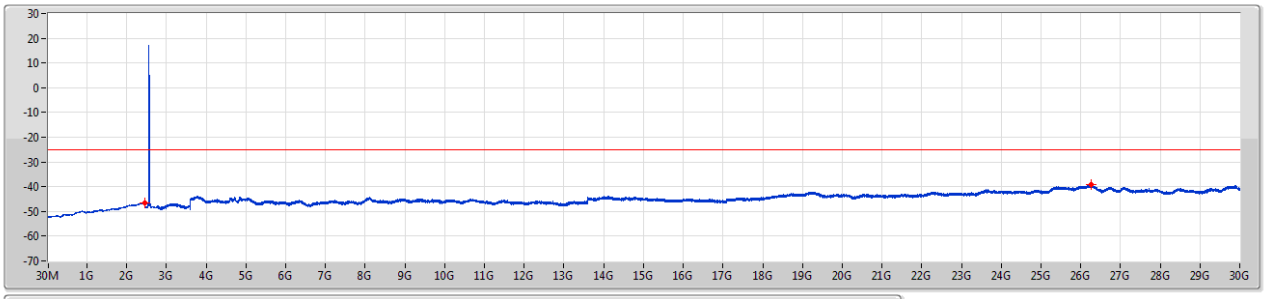
2647.5MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45197G	-46.52	-25.00	-21.52	-	-
2.755G	30G	1M	3M	RMS	26.19932G	-39.24	-25.00	-14.24	-	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

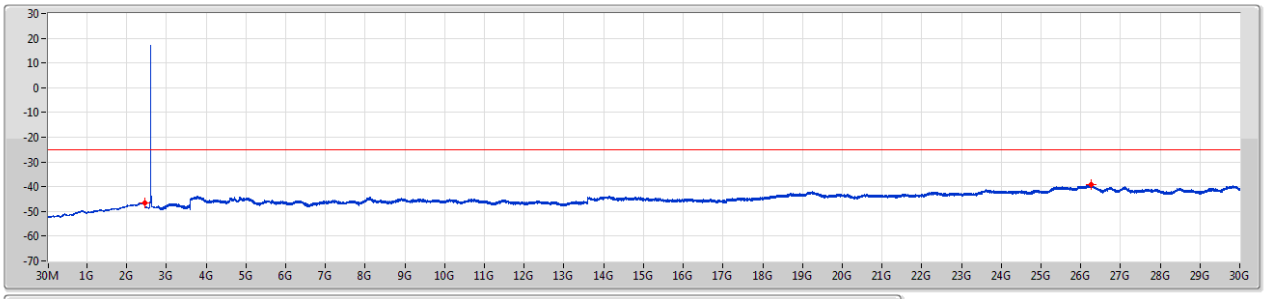
2565MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.4453G	-46.44	-25.00	-21.44	-	-
2.755G	30G	1M	3M	RMS	26.25892G	-39.02	-25.00	-14.02	-	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

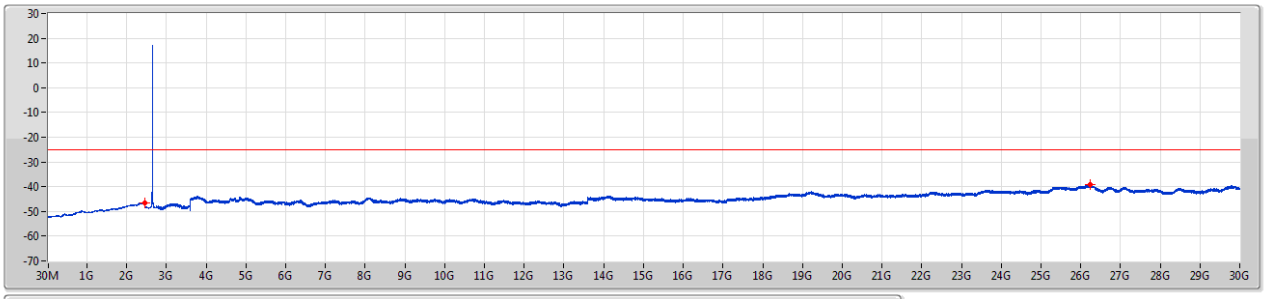
2605MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45197G	-46.53	-25.00	-21.53	-	-
2.755G	30G	1M	3M	RMS	26.26744G	-39.15	-25.00	-14.15	-	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

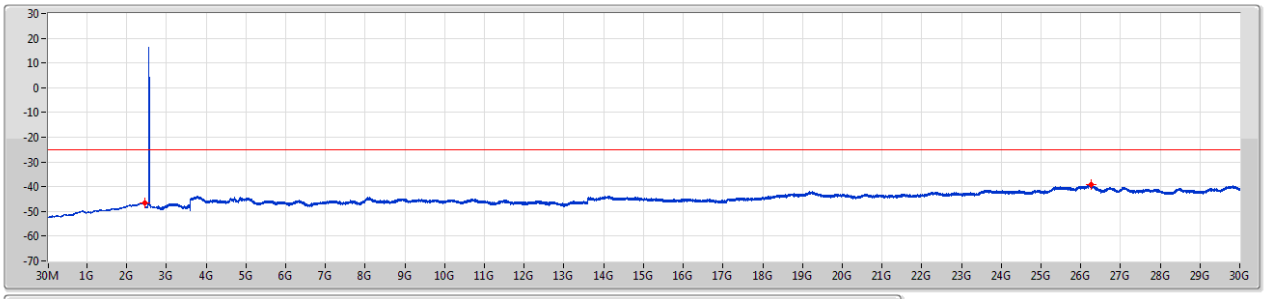
2645MHz_QPSK



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44712G	-46.50	-25.00	-21.50	-	-
2.755G	30G	1M	3M	RMS	26.22997G	-39.27	-25.00	-14.27	-	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

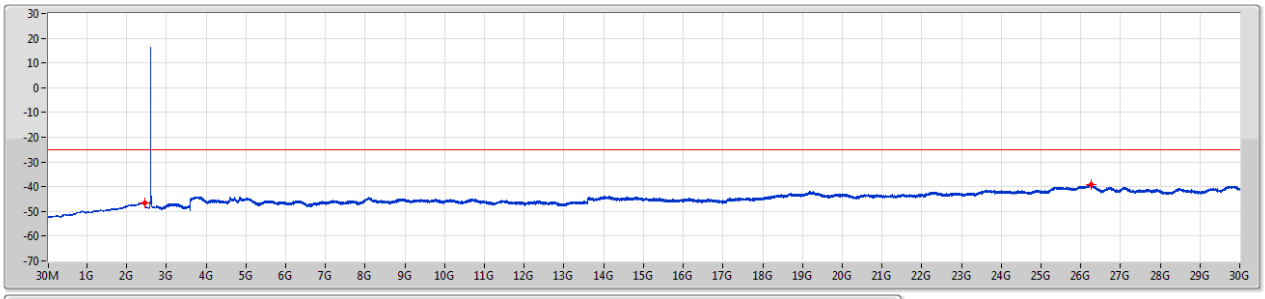
2565MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44833G	-46.46	-25.00	-21.46	-	-
2.755G	30G	1M	3M	RMS	26.26829G	-39.31	-25.00	-14.31	-	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

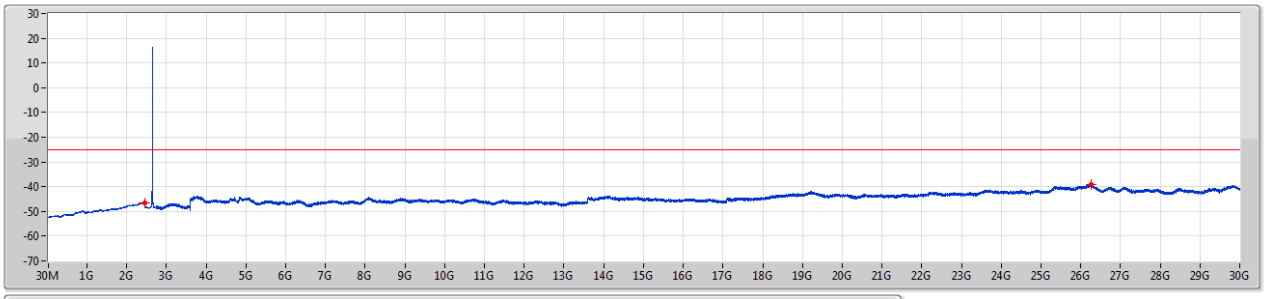
2605MHz_16QAM



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.45015G	-46.55	-25.00	-21.55	-	-
2.755G	30G	1M	3M	RMS	26.26488G	-39.25	-25.00	-14.25	-	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

2645MHz_16QAM



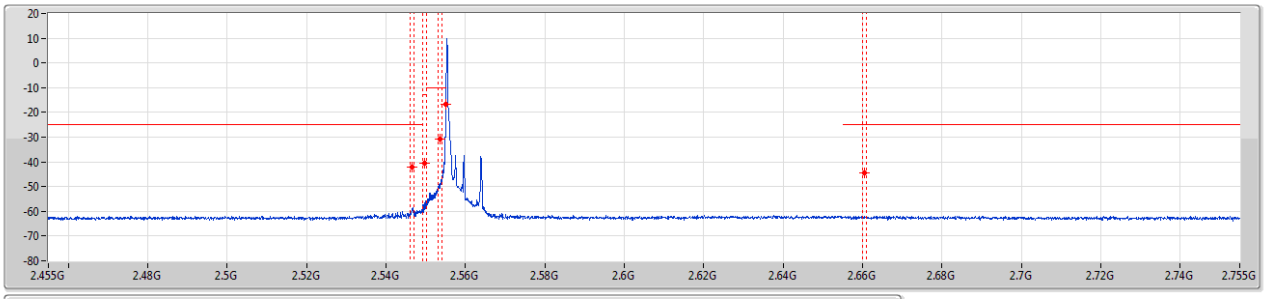
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
30M	2.455G	1M	3M	RMS	2.44954G	-46.48	-25.00	-21.48	-	-
2.755G	30G	1M	3M	RMS	26.25552G	-39.12	-25.00	-14.12	-	-

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_1TX	Pass	2.65485G	2.65585G	100k	300k	RMS	2.65485G	-15.05	-10.00	-5.05	-	-
LTE_5MHz_Nss1,16QAMCS_1TX	Pass	2.55415G	2.55515G	15k	47k	RMS	2.55515G	-16.41	-10.00	-6.41	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	2.6685G	2.755G	200k	620k	RMS	2.669G	-36.47	-25.00	-11.47	MBW 1M	-
LTE_10MHz_Nss1,16QAMCS_1TX	Pass	2.65475G	2.65575G	15k	47k	RMS	2.65475G	-23.06	-10.00	-13.06	-	-
LTE_15MHz_Nss1,QPSK_1TX	Pass	2.65455G	2.65555G	300k	910k	RMS	2.65455G	-16.38	-10.00	-6.38	-	-
LTE_15MHz_Nss1,16QAMCS_1TX	Pass	2.65455G	2.65555G	300k	910k	RMS	2.65455G	-17.65	-10.00	-7.65	-	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	2.6545G	2.6555G	430k	1.3M	RMS	2.6545G	-21.30	-10.00	-11.30	-	-
LTE_20MHz_Nss1,16QAMCS_1TX	Pass	2.6545G	2.6555G	430k	1.3M	RMS	2.6545G	-22.52	-10.00	-12.52	-	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

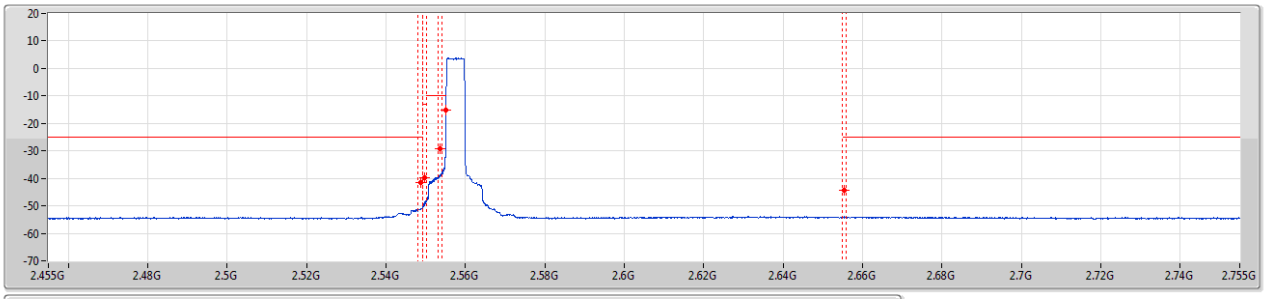
2557.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54915G	15k	47k	RMS	2.5465G	-42.06	-25.00	-17.06	MBW 1M	-
2.54915G	2.55015G	15k	47k	RMS	2.54965G	-40.41	-13.00	-27.41	MBW 1M	-
2.55015G	2.55415G	15k	47k	RMS	2.55365G	-30.92	-10.00	-20.92	MBW 1M	-
2.55415G	2.55515G	15k	47k	RMS	2.55515G	-16.67	-10.00	-6.67	-	-
2.655G	2.755G	15k	47k	RMS	2.6605G	-44.42	-25.00	-19.42	MBW 1M	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

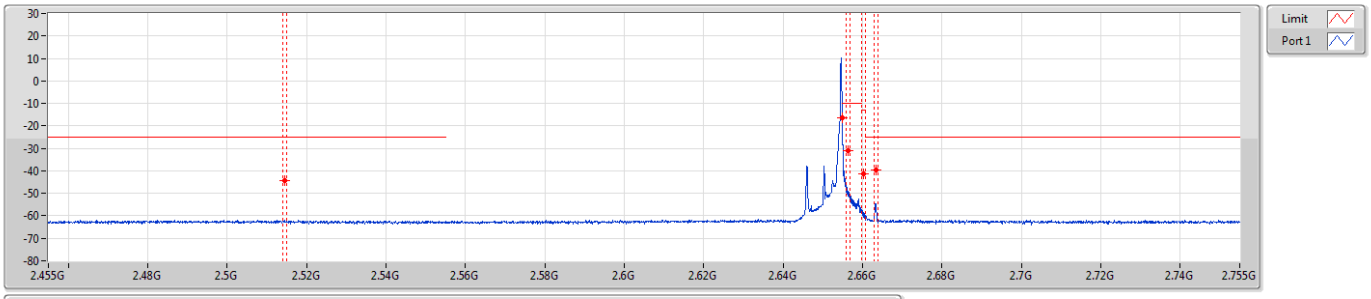
2557.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54915G	100k	300k	RMS	2.54865G	-41.45	-25.00	-16.45	MBW 1M	-
2.54915G	2.55015G	100k	300k	RMS	2.54965G	-39.59	-13.00	-26.59	MBW 1M	-
2.55015G	2.55415G	100k	300k	RMS	2.55365G	-29.15	-10.00	-19.15	MBW 1M	-
2.55415G	2.55515G	100k	300k	RMS	2.55515G	-15.27	-10.00	-5.27	-	-
2.655G	2.755G	100k	300k	RMS	2.6555G	-44.45	-25.00	-19.45	MBW 1M	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

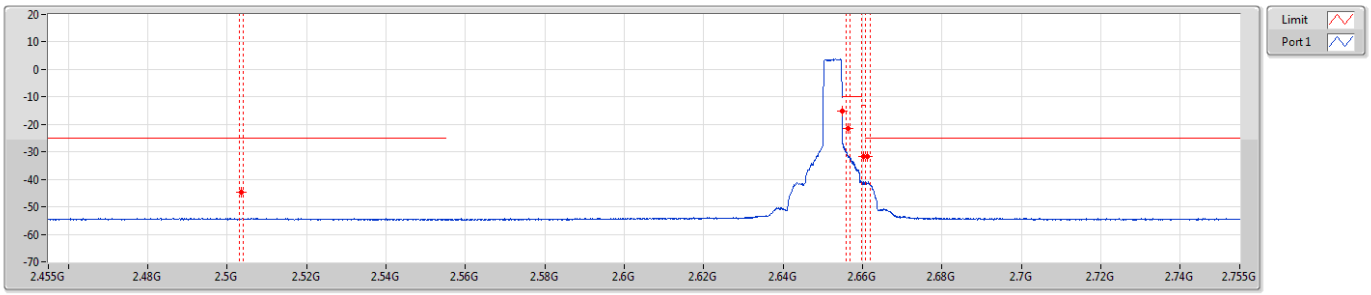
2652.5MHz_QPSK_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5145G	-44.51	-25.00	-19.51	MBW 1M	-
2.65485G	2.65585G	15k	47k	RMS	2.65485G	-16.59	-10.00	-6.59	-	-
2.65585G	2.65985G	15k	47k	RMS	2.65635G	-31.03	-10.00	-21.03	MBW 1M	-
2.65985G	2.66085G	15k	47k	RMS	2.66035G	-41.54	-13.00	-28.54	MBW 1M	-
2.66085G	2.755G	15k	47k	RMS	2.66335G	-39.57	-25.00	-14.57	MBW 1M	-

Band 41_LTE_5MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

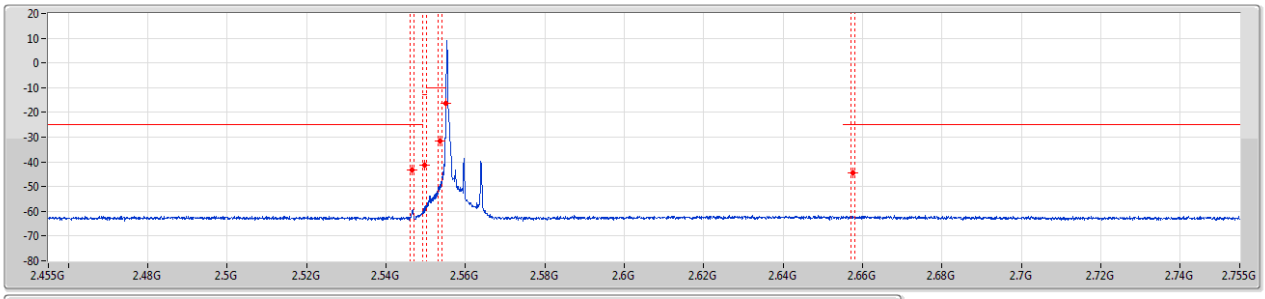
2652.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	100k	300k	RMS	2.5035G	-44.66	-25.00	-19.66	MBW 1M	-
2.65485G	2.65585G	100k	300k	RMS	2.65485G	-15.05	-10.00	-5.05	-	-
2.65585G	2.65985G	100k	300k	RMS	2.65635G	-21.44	-10.00	-11.44	MBW 1M	-
2.65985G	2.66085G	100k	300k	RMS	2.66035G	-31.69	-13.00	-18.69	MBW 1M	-
2.66085G	2.755G	100k	300k	RMS	2.66135G	-31.74	-25.00	-6.74	MBW 1M	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

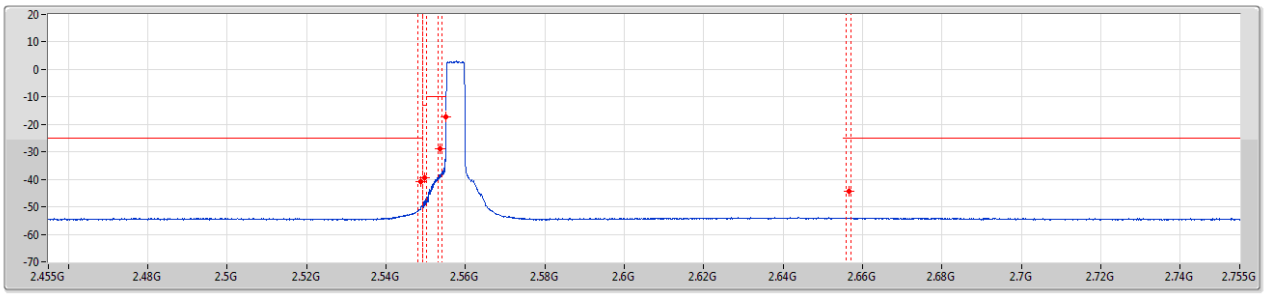
2557.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54915G	15k	47k	RMS	2.5465G	-43.11	-25.00	-18.11	MBW 1M	-
2.54915G	2.55015G	15k	47k	RMS	2.54965G	-41.37	-13.00	-28.37	MBW 1M	-
2.55015G	2.55415G	15k	47k	RMS	2.55365G	-31.56	-10.00	-21.56	MBW 1M	-
2.55415G	2.55515G	15k	47k	RMS	2.55515G	-16.41	-10.00	-6.41	-	-
2.655G	2.755G	15k	47k	RMS	2.6575G	-44.32	-25.00	-19.32	MBW 1M	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

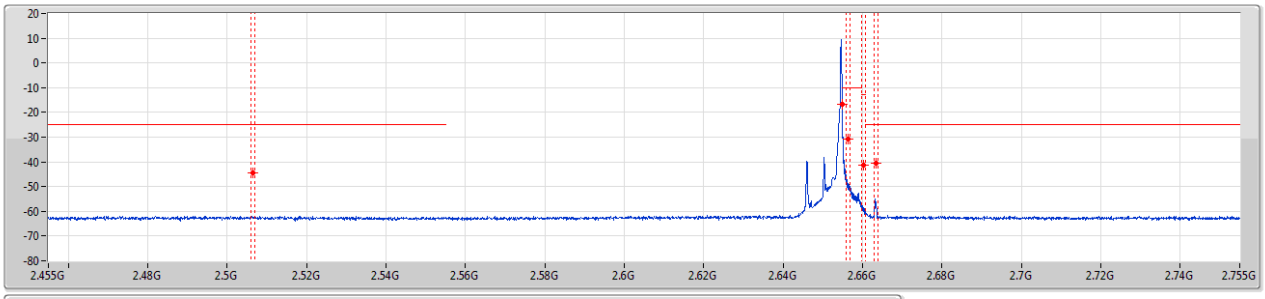
2557.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54915G	100k	300k	RMS	2.54865G	-40.81	-25.00	-15.81	MBW 1M	-
2.54915G	2.55015G	100k	300k	RMS	2.54965G	-39.30	-13.00	-26.30	MBW 1M	-
2.55015G	2.55415G	100k	300k	RMS	2.55365G	-29.04	-10.00	-19.04	MBW 1M	-
2.55415G	2.55515G	100k	300k	RMS	2.55515G	-17.13	-10.00	-7.13	-	-
2.655G	2.755G	100k	300k	RMS	2.6565G	-44.42	-25.00	-19.42	MBW 1M	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

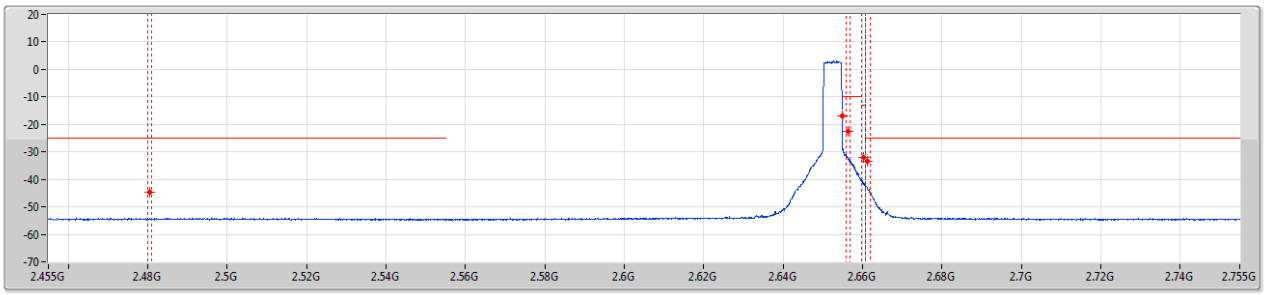
2652.5MHz_16QAM_RB 1,#RB 24



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5065G	-44.51	-25.00	-19.51	MBW 1M	-
2.65485G	2.65585G	15k	47k	RMS	2.65485G	-16.59	-10.00	-6.59	-	-
2.65585G	2.65985G	15k	47k	RMS	2.65635G	-30.72	-10.00	-20.72	MBW 1M	-
2.65985G	2.66085G	15k	47k	RMS	2.66035G	-41.38	-13.00	-28.38	MBW 1M	-
2.66085G	2.755G	15k	47k	RMS	2.66335G	-40.36	-25.00	-15.36	MBW 1M	-

Band 41_LTE_5MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

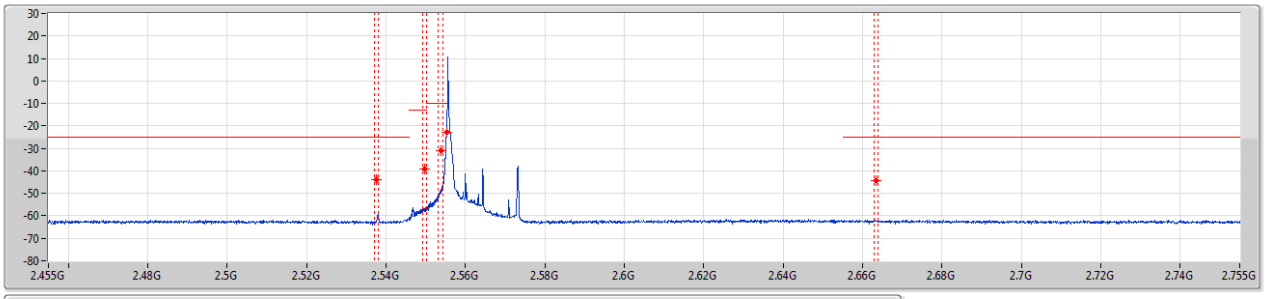
2652.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	100k	300k	RMS	2.4805G	-44.65	-25.00	-19.65	MBW 1M	-
2.65485G	2.65585G	100k	300k	RMS	2.65485G	-17.04	-10.00	-7.04	-	-
2.65585G	2.65985G	100k	300k	RMS	2.65635G	-22.65	-10.00	-12.65	MBW 1M	-
2.65985G	2.66085G	100k	300k	RMS	2.66035G	-31.88	-13.00	-18.88	MBW 1M	-
2.66085G	2.755G	100k	300k	RMS	2.66135G	-33.56	-25.00	-8.56	MBW 1M	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

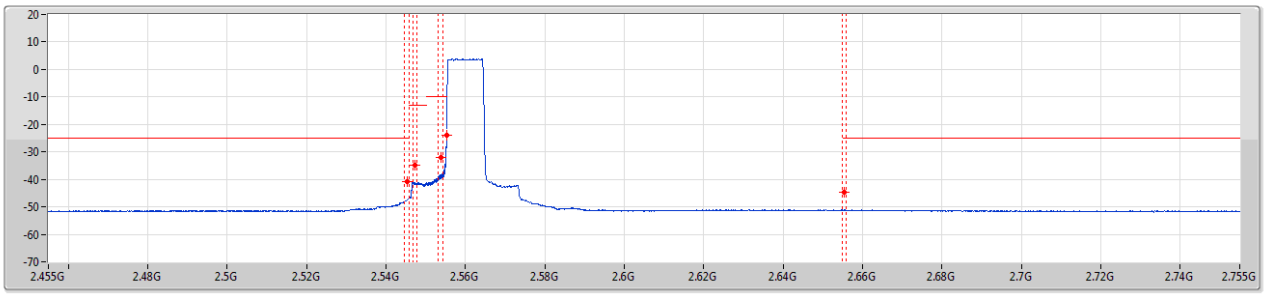
2560MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54575G	15k	47k	RMS	2.5375G	-43.80	-25.00	-18.80	MBW 1M	-
2.54575G	2.55025G	15k	47k	RMS	2.54975G	-39.19	-13.00	-26.19	MBW 1M	-
2.55025G	2.55425G	15k	47k	RMS	2.55375G	-30.98	-10.00	-20.98	MBW 1M	-
2.55425G	2.55525G	15k	47k	RMS	2.55525G	-22.74	-10.00	-12.74	-	-
2.655G	2.755G	15k	47k	RMS	2.6635G	-44.34	-25.00	-19.34	MBW 1M	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

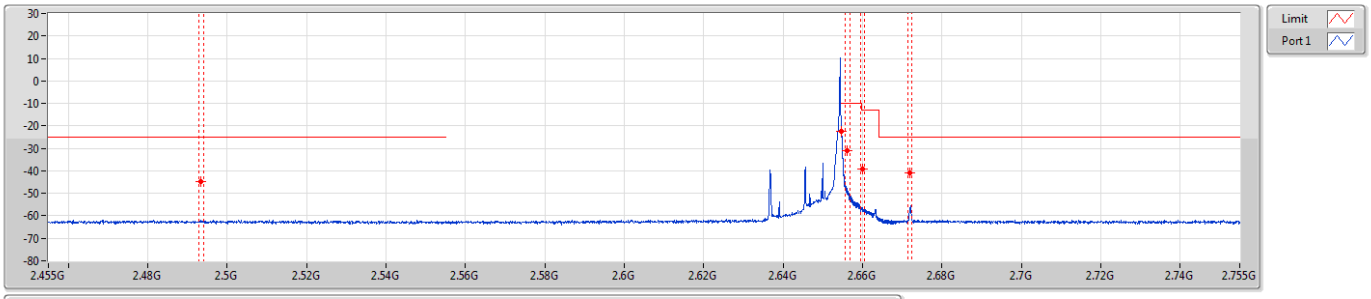
2560MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54575G	200k	620k	RMS	2.54525G	-40.85	-25.00	-15.85	MBW 1M	-
2.54575G	2.55025G	200k	620k	RMS	2.54725G	-34.81	-13.00	-21.81	MBW 1M	-
2.55025G	2.55425G	200k	620k	RMS	2.55375G	-32.17	-10.00	-22.17	MBW 1M	-
2.55425G	2.55525G	200k	620k	RMS	2.55525G	-23.77	-10.00	-13.77	-	-
2.655G	2.755G	200k	620k	RMS	2.6555G	-44.53	-25.00	-19.53	MBW 1M	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

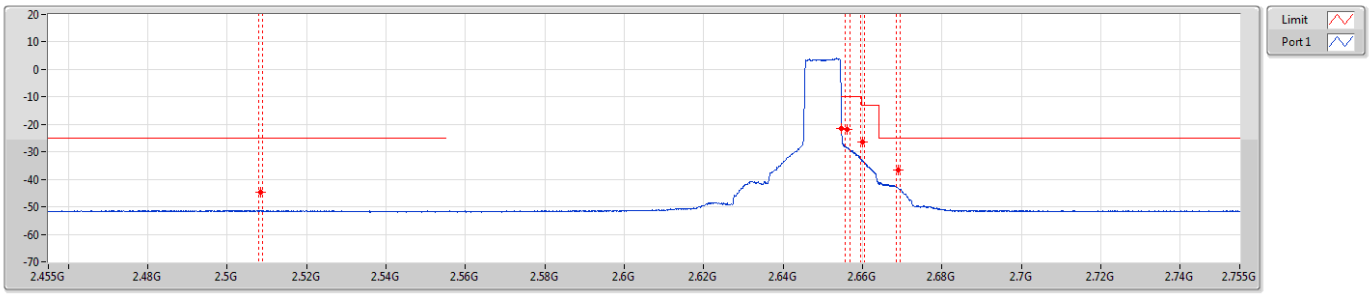
2650MHz_QPSK_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.4935G	-44.56	-25.00	-19.56	MBW 1M	-
2.65475G	2.65575G	15k	47k	RMS	2.65475G	-22.43	-10.00	-12.43	-	-
2.65575G	2.6595G	15k	47k	RMS	2.65625G	-30.84	-10.00	-20.84	MBW 1M	-
2.6595G	2.6685G	15k	47k	RMS	2.66G	-39.10	-13.00	-26.10	MBW 1M	-
2.6685G	2.755G	15k	47k	RMS	2.672G	-40.93	-25.00	-15.93	MBW 1M	-

Band 41_LTE_10MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

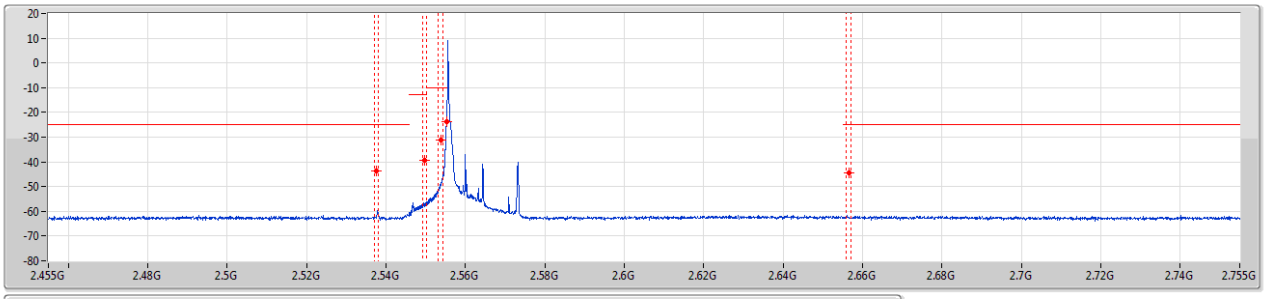
2650MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	200k	620k	RMS	2.5085G	-44.76	-25.00	-19.76	MBW 1M	-
2.65475G	2.65575G	200k	620k	RMS	2.65475G	-21.53	-10.00	-11.53	-	-
2.65575G	2.6595G	200k	620k	RMS	2.65625G	-21.91	-10.00	-11.91	MBW 1M	-
2.6595G	2.6685G	200k	620k	RMS	2.66G	-26.51	-13.00	-13.51	MBW 1M	-
2.6685G	2.755G	200k	620k	RMS	2.669G	-36.47	-25.00	-11.47	MBW 1M	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

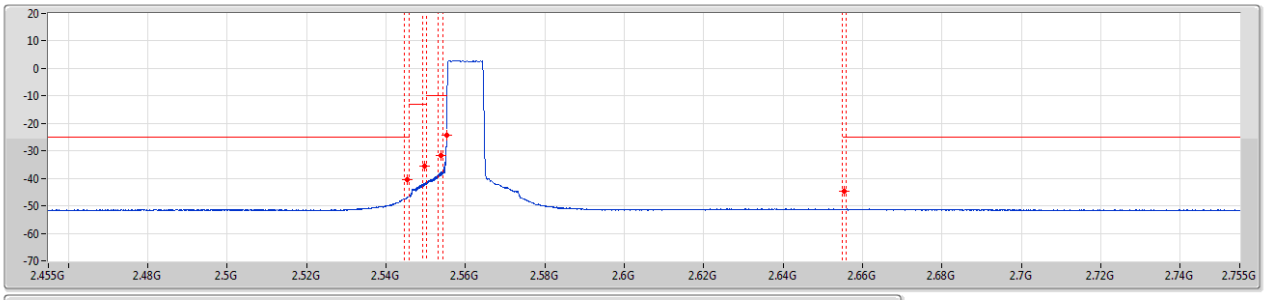
2560MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54575G	15k	47k	RMS	2.5375G	-43.74	-25.00	-18.74	MBW 1M	-
2.54575G	2.55025G	15k	47k	RMS	2.54975G	-39.28	-13.00	-26.28	MBW 1M	-
2.55025G	2.55425G	15k	47k	RMS	2.55375G	-31.14	-10.00	-21.14	MBW 1M	-
2.55425G	2.55525G	15k	47k	RMS	2.55525G	-23.94	-10.00	-13.94	-	-
2.655G	2.755G	15k	47k	RMS	2.6565G	-44.43	-25.00	-19.43	MBW 1M	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

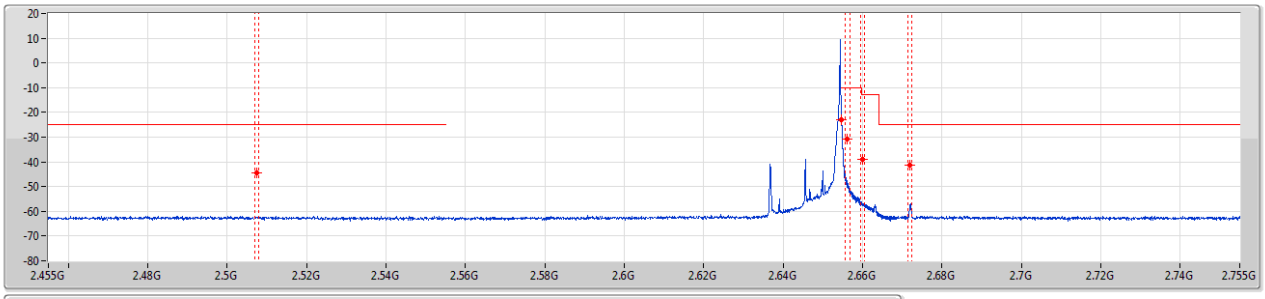
2560MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54575G	200k	620k	RMS	2.54525G	-40.38	-25.00	-15.38	MBW 1M	-
2.54575G	2.55025G	200k	620k	RMS	2.54975G	-35.45	-13.00	-22.45	MBW 1M	-
2.55025G	2.55425G	200k	620k	RMS	2.55375G	-31.77	-10.00	-21.77	MBW 1M	-
2.55425G	2.55525G	200k	620k	RMS	2.55525G	-24.30	-10.00	-14.30	-	-
2.655G	2.755G	200k	620k	RMS	2.6555G	-44.57	-25.00	-19.57	MBW 1M	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

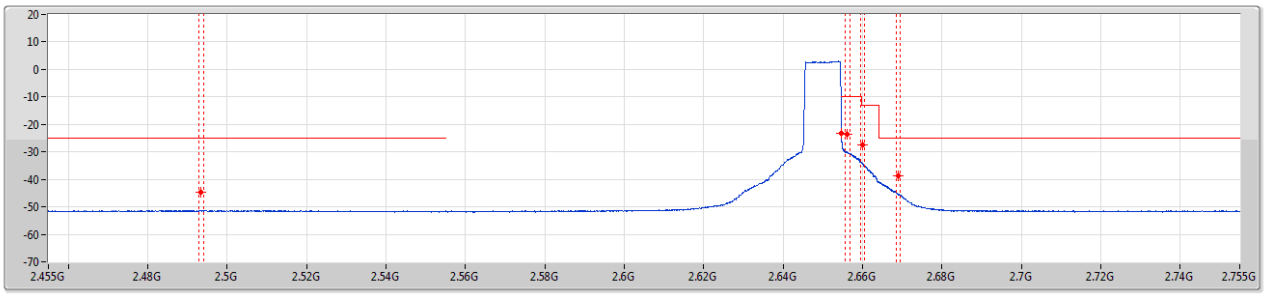
2650MHz_16QAM_RB 1,#RB 49



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5075G	-44.55	-25.00	-19.55	MBW 1M	-
2.65475G	2.65575G	15k	47k	RMS	2.65475G	-23.06	-10.00	-13.06	-	-
2.65575G	2.6595G	15k	47k	RMS	2.65625G	-30.77	-10.00	-20.77	MBW 1M	-
2.6595G	2.6685G	15k	47k	RMS	2.66G	-39.07	-13.00	-26.07	MBW 1M	-
2.6685G	2.755G	15k	47k	RMS	2.672G	-41.44	-25.00	-16.44	MBW 1M	-

Band 41_LTE_10MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

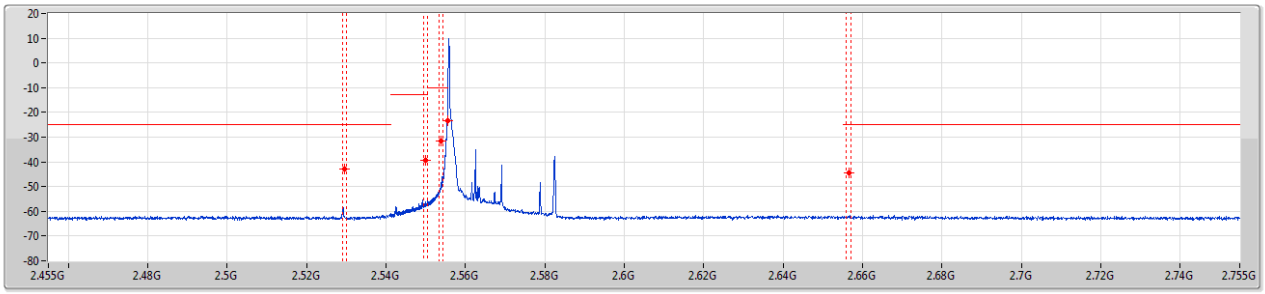
2650MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	200k	620k	RMS	2.4935G	-44.76	-25.00	-19.76	MBW 1M	-
2.65475G	2.65575G	200k	620k	RMS	2.65475G	-23.13	-10.00	-13.13	-	-
2.65575G	2.6595G	200k	620k	RMS	2.65625G	-23.62	-10.00	-13.62	MBW 1M	-
2.6595G	2.6685G	200k	620k	RMS	2.66G	-27.61	-13.00	-14.61	MBW 1M	-
2.6685G	2.755G	200k	620k	RMS	2.669G	-38.59	-25.00	-13.59	MBW 1M	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

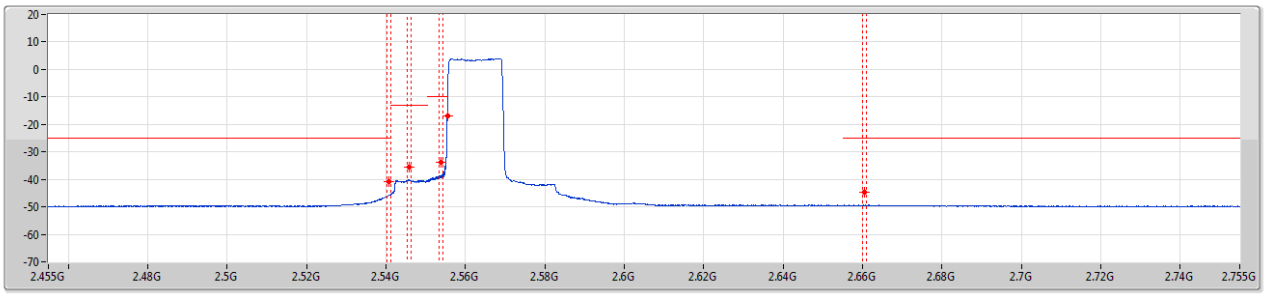
2562.5MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54135G	15k	47k	RMS	2.5295G	-42.75	-25.00	-17.75	MBW 1M	-
2.54135G	2.55045G	15k	47k	RMS	2.54995G	-39.47	-13.00	-26.47	MBW 1M	-
2.55045G	2.55445G	15k	47k	RMS	2.55395G	-31.37	-10.00	-21.37	MBW 1M	-
2.55445G	2.55545G	15k	47k	RMS	2.55545G	-23.34	-10.00	-13.34	-	-
2.655G	2.755G	15k	47k	RMS	2.6565G	-44.35	-25.00	-19.35	MBW 1M	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

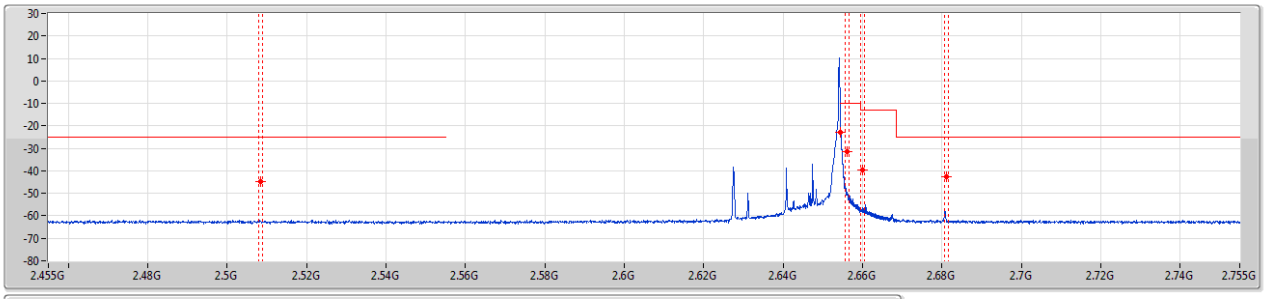
2562.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54135G	300k	910k	RMS	2.54085G	-40.81	-25.00	-15.81	MBW 1M	-
2.54135G	2.55045G	300k	910k	RMS	2.54585G	-35.45	-13.00	-22.45	MBW 1M	-
2.55045G	2.55445G	300k	910k	RMS	2.55395G	-33.96	-10.00	-23.96	MBW 1M	-
2.55445G	2.55545G	300k	910k	RMS	2.55545G	-16.96	-10.00	-6.96	-	-
2.655G	2.755G	300k	910k	RMS	2.6605G	-44.53	-25.00	-19.53	MBW 1M	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

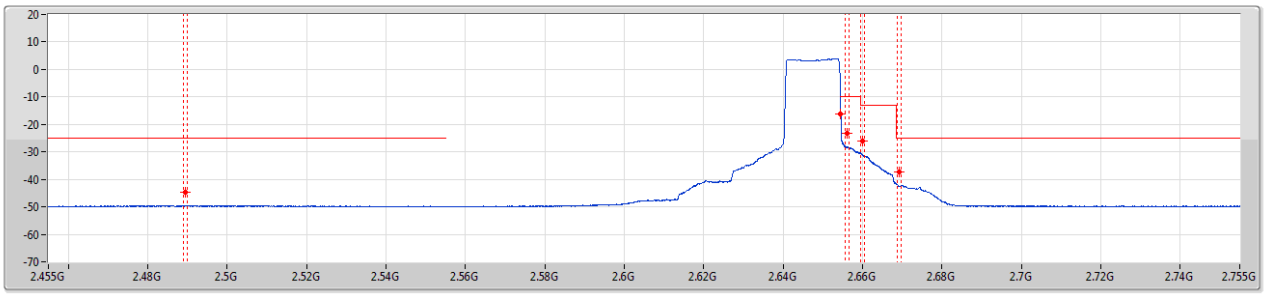
2647.5MHz_QPSK_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5085G	-44.58	-25.00	-19.58	MBW 1M	-
2.65455G	2.65555G	15k	47k	RMS	2.65455G	-22.79	-10.00	-12.79	-	-
2.65555G	2.65955G	15k	47k	RMS	2.65605G	-31.34	-10.00	-21.34	MBW 1M	-
2.65955G	2.66865G	15k	47k	RMS	2.66005G	-39.57	-13.00	-26.57	MBW 1M	-
2.66865G	2.755G	15k	47k	RMS	2.68115G	-42.68	-25.00	-17.68	MBW 1M	-

Band 41_LTE_15MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

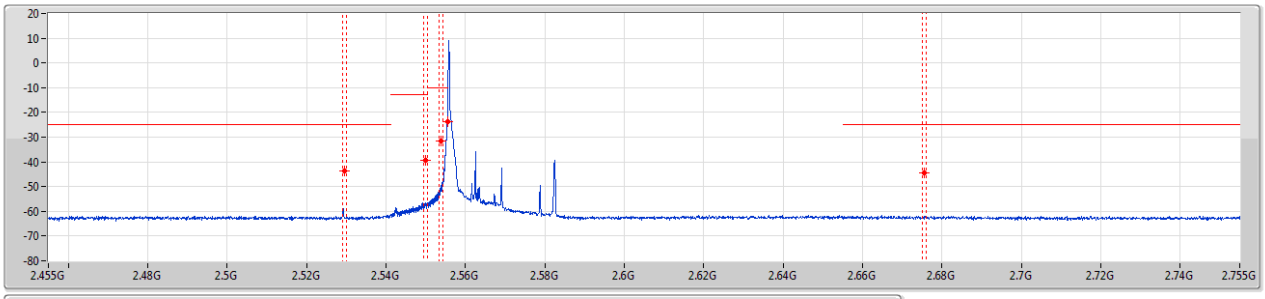
2647.5MHz_QPSK_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	300k	910k	RMS	2.4895G	-44.75	-25.00	-19.75	MBW 1M	-
2.65455G	2.65555G	300k	910k	RMS	2.65455G	-16.38	-10.00	-6.38	-	-
2.65555G	2.65955G	300k	910k	RMS	2.65605G	-23.33	-10.00	-13.33	MBW 1M	-
2.65955G	2.66865G	300k	910k	RMS	2.66005G	-26.12	-13.00	-13.12	MBW 1M	-
2.66865G	2.755G	300k	910k	RMS	2.66915G	-37.35	-25.00	-12.35	MBW 1M	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

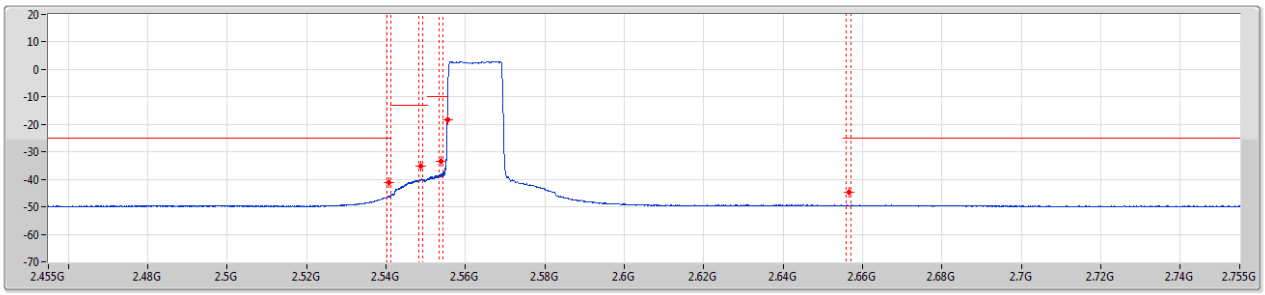
2562.5MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54135G	15k	47k	RMS	2.5295G	-43.48	-25.00	-18.48	MBW 1M	-
2.54135G	2.55045G	15k	47k	RMS	2.54995G	-39.56	-13.00	-26.56	MBW 1M	-
2.55045G	2.55445G	15k	47k	RMS	2.55395G	-31.58	-10.00	-21.58	MBW 1M	-
2.55445G	2.55545G	15k	47k	RMS	2.55545G	-23.70	-10.00	-13.70	-	-
2.655G	2.755G	15k	47k	RMS	2.6755G	-44.40	-25.00	-19.40	MBW 1M	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

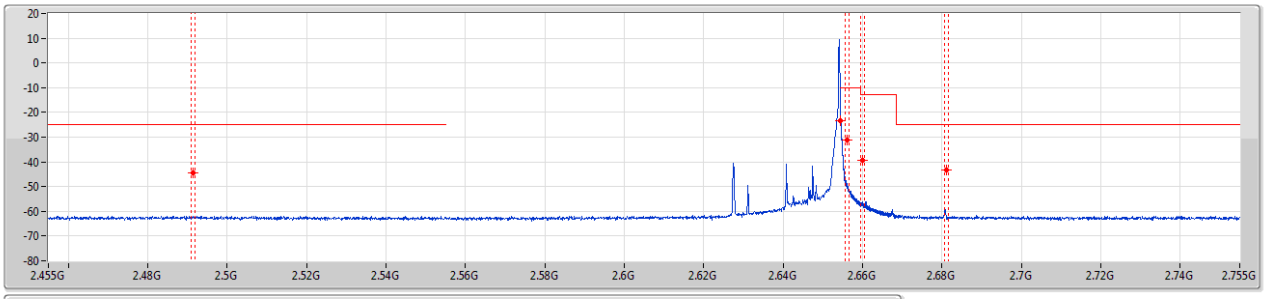
2562.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.54135G	300k	910k	RMS	2.54085G	-41.21	-25.00	-16.21	MBW 1M	-
2.54135G	2.55045G	300k	910k	RMS	2.54885G	-35.28	-13.00	-22.28	MBW 1M	-
2.55045G	2.55445G	300k	910k	RMS	2.55395G	-33.58	-10.00	-23.58	MBW 1M	-
2.55445G	2.55545G	300k	910k	RMS	2.55545G	-18.17	-10.00	-8.17	-	-
2.655G	2.755G	300k	910k	RMS	2.6565G	-44.52	-25.00	-19.52	MBW 1M	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

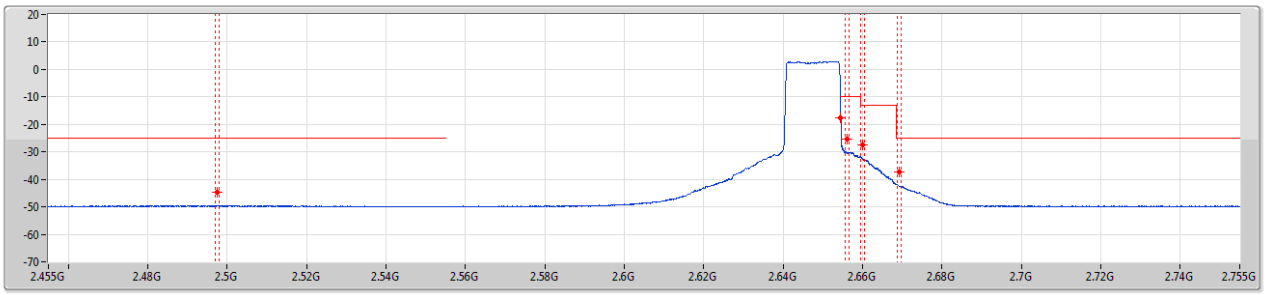
2647.5MHz_16QAM_RB 1,#RB 74



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.4915G	-44.48	-25.00	-19.48	MBW 1M	-
2.65455G	2.65555G	15k	47k	RMS	2.65455G	-23.32	-10.00	-13.32	-	-
2.65555G	2.65955G	15k	47k	RMS	2.65605G	-31.04	-10.00	-21.04	MBW 1M	-
2.65955G	2.66865G	15k	47k	RMS	2.66005G	-39.36	-13.00	-26.36	MBW 1M	-
2.66865G	2.755G	15k	47k	RMS	2.68115G	-43.19	-25.00	-18.19	MBW 1M	-

Band 41_LTE_15MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

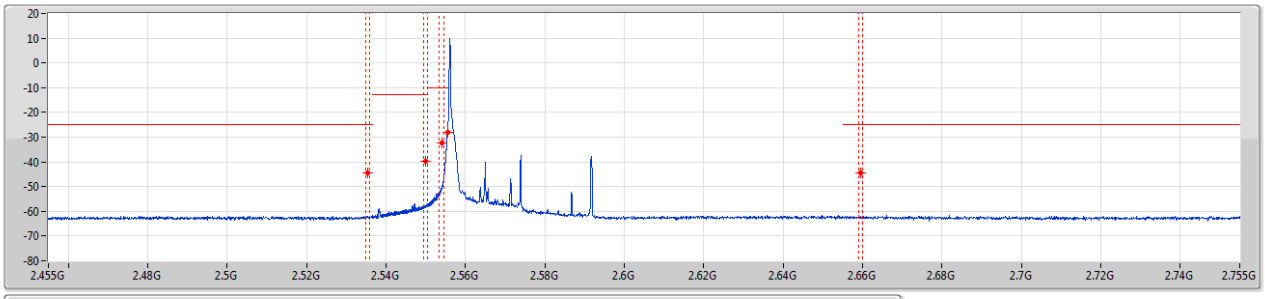
2647.5MHz_16QAM_RB 75,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	300k	910k	RMS	2.4975G	-44.75	-25.00	-19.75	MBW 1M	-
2.65455G	2.65555G	300k	910k	RMS	2.65455G	-17.65	-10.00	-7.65	-	-
2.65555G	2.65955G	300k	910k	RMS	2.65605G	-25.29	-10.00	-15.29	MBW 1M	-
2.65955G	2.66865G	300k	910k	RMS	2.66005G	-27.53	-13.00	-14.53	MBW 1M	-
2.66865G	2.755G	300k	910k	RMS	2.66915G	-37.27	-25.00	-12.27	MBW 1M	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

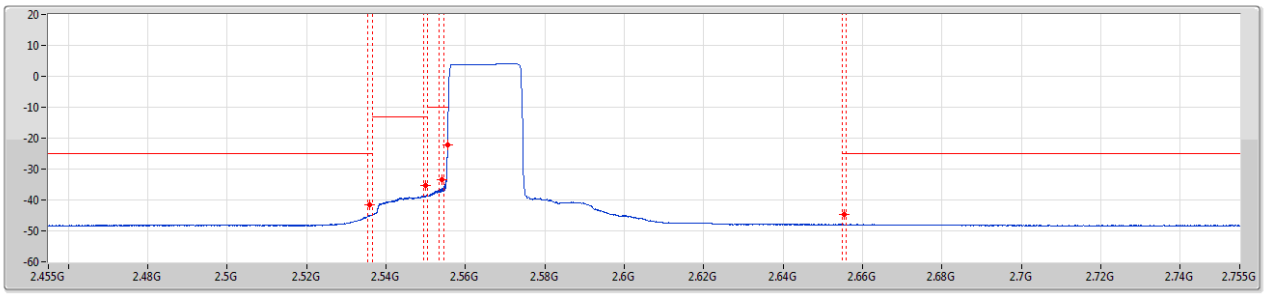
2565MHz_QPSK_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.5365G	15k	47k	RMS	2.5355G	-44.36	-25.00	-19.36	MBW 1M	-
2.5365G	2.5505G	15k	47k	RMS	2.55G	-39.86	-13.00	-26.86	MBW 1M	-
2.5505G	2.5545G	15k	47k	RMS	2.554G	-32.37	-10.00	-22.37	MBW 1M	-
2.5545G	2.5555G	15k	47k	RMS	2.5555G	-28.07	-10.00	-18.07	-	-
2.655G	2.755G	15k	47k	RMS	2.6595G	-44.41	-25.00	-19.41	MBW 1M	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

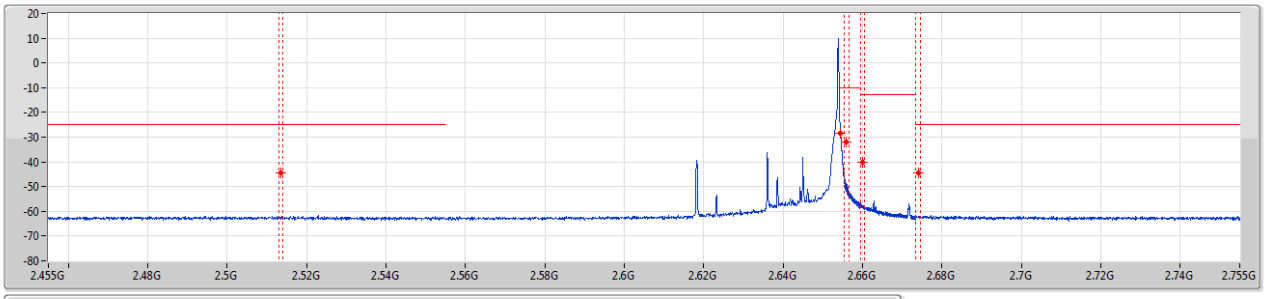
2565MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.5365G	430k	1.3M	RMS	2.536G	-41.67	-25.00	-16.67	MBW 1M	-
2.5365G	2.5505G	430k	1.3M	RMS	2.55G	-35.38	-13.00	-22.38	MBW 1M	-
2.5505G	2.5545G	430k	1.3M	RMS	2.554G	-33.48	-10.00	-23.48	MBW 1M	-
2.5545G	2.5555G	430k	1.3M	RMS	2.5555G	-22.31	-10.00	-12.31	-	-
2.655G	2.755G	430k	1.3M	RMS	2.6555G	-44.59	-25.00	-19.59	MBW 1M	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

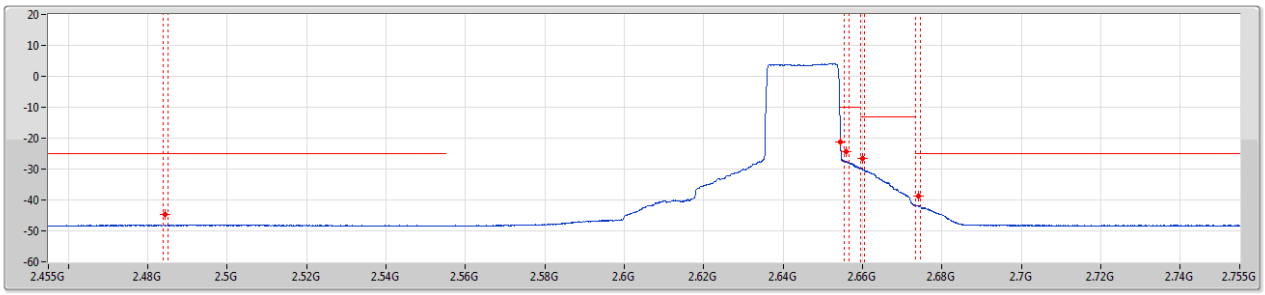
2645MHz_QPSK_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5135G	-44.58	-25.00	-19.58	MBW 1M	-
2.6545G	2.6555G	15k	47k	RMS	2.6545G	-28.48	-10.00	-18.48	-	-
2.6555G	2.6595G	15k	47k	RMS	2.656G	-32.13	-10.00	-22.13	MBW 1M	-
2.6595G	2.6735G	15k	47k	RMS	2.66G	-40.00	-13.00	-27.00	MBW 1M	-
2.6735G	2.755G	15k	47k	RMS	2.674G	-44.29	-25.00	-19.29	MBW 1M	-

Band 41_LTE_20MHz_Nss1,QPSK_1TX **CSE-TX-Sum**

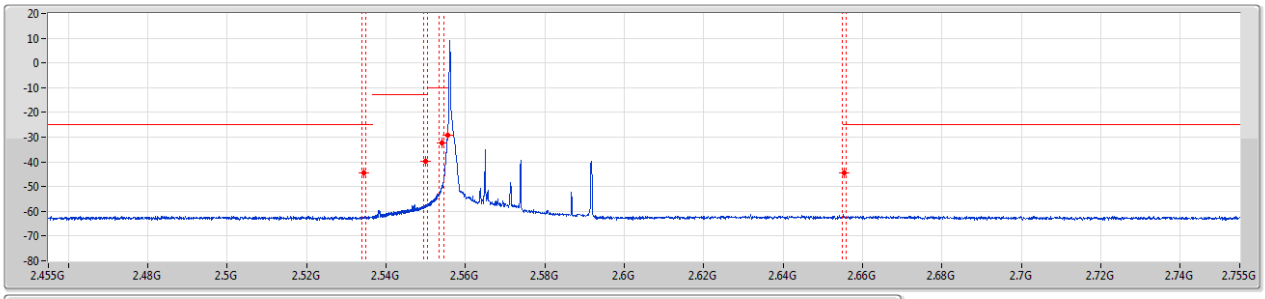
2645MHz_QPSK_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	430k	1.3M	RMS	2.4845G	-44.81	-25.00	-19.81	MBW 1M	-
2.6545G	2.6555G	430k	1.3M	RMS	2.6545G	-21.30	-10.00	-11.30	-	-
2.6555G	2.6595G	430k	1.3M	RMS	2.656G	-24.30	-10.00	-14.30	MBW 1M	-
2.6595G	2.6735G	430k	1.3M	RMS	2.66G	-26.61	-13.00	-13.61	MBW 1M	-
2.6735G	2.755G	430k	1.3M	RMS	2.674G	-38.60	-25.00	-13.60	MBW 1M	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

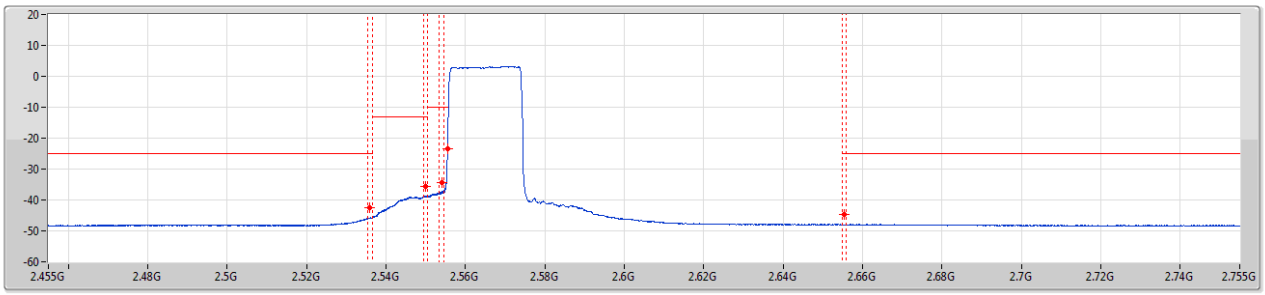
2565MHz_16QAM_RB 1,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.5365G	15k	47k	RMS	2.5345G	-44.53	-25.00	-19.53	MBW 1M	-
2.5365G	2.5505G	15k	47k	RMS	2.55G	-39.89	-13.00	-26.89	MBW 1M	-
2.5505G	2.5545G	15k	47k	RMS	2.554G	-32.46	-10.00	-22.46	MBW 1M	-
2.5545G	2.5555G	15k	47k	RMS	2.5555G	-29.24	-10.00	-19.24	-	-
2.655G	2.755G	15k	47k	RMS	2.6555G	-44.37	-25.00	-19.37	MBW 1M	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

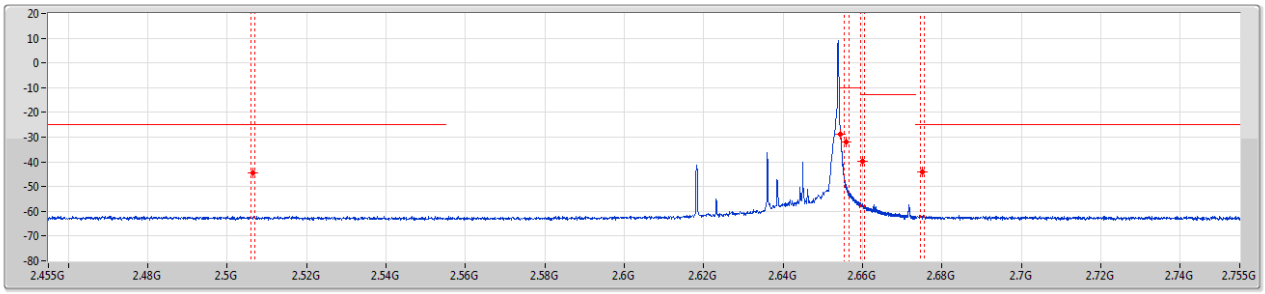
2565MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.5365G	430k	1.3M	RMS	2.536G	-42.49	-25.00	-17.49	MBW 1M	-
2.5365G	2.5505G	430k	1.3M	RMS	2.55G	-35.53	-13.00	-22.53	MBW 1M	-
2.5505G	2.5545G	430k	1.3M	RMS	2.554G	-34.27	-10.00	-24.27	MBW 1M	-
2.5545G	2.5555G	430k	1.3M	RMS	2.5555G	-23.33	-10.00	-13.33	-	-
2.655G	2.755G	430k	1.3M	RMS	2.6555G	-44.59	-25.00	-19.59	MBW 1M	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

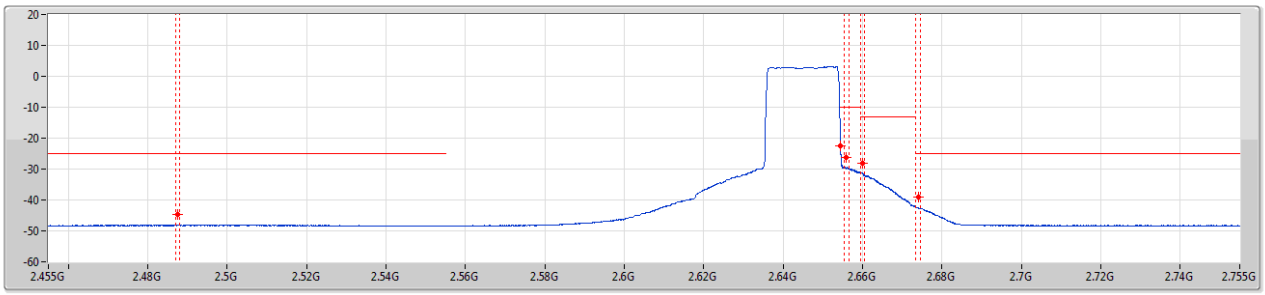
2645MHz_16QAM_RB 1,#RB 99



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	15k	47k	RMS	2.5065G	-44.60	-25.00	-19.60	MBW 1M	-
2.6545G	2.6555G	15k	47k	RMS	2.6545G	-28.89	-10.00	-18.89	-	-
2.6555G	2.6595G	15k	47k	RMS	2.656G	-32.13	-10.00	-22.13	MBW 1M	-
2.6595G	2.6735G	15k	47k	RMS	2.66G	-39.90	-13.00	-26.90	MBW 1M	-
2.6735G	2.755G	15k	47k	RMS	2.675G	-44.21	-25.00	-19.21	MBW 1M	-

Band 41_LTE_20MHz_Nss1,16QAMCS_1TX **CSE-TX-Sum**

2645MHz_16QAM_RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
2.455G	2.555G	430k	1.3M	RMS	2.4875G	-44.81	-25.00	-19.81	MBW 1M	-
2.6545G	2.6555G	430k	1.3M	RMS	2.6545G	-22.52	-10.00	-12.52	-	-
2.6555G	2.6595G	430k	1.3M	RMS	2.656G	-26.31	-10.00	-16.31	MBW 1M	-
2.6595G	2.6735G	430k	1.3M	RMS	2.66G	-28.11	-13.00	-15.11	MBW 1M	-
2.6735G	2.755G	430k	1.3M	RMS	2.674G	-39.15	-25.00	-14.15	MBW 1M	-

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 41	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	4.819M	4.466M	4M47G7D	4.788M	4.464M
LTE_5MHz_Nss1,16QAM_1TX	4.944M	4.471M	4M47W7D	4.888M	4.46M
LTE_10MHz_Nss1,QPSK_1TX	9.663M	8.927M	8M93G7D	9.613M	8.92M
LTE_10MHz_Nss1,16QAM_1TX	9.788M	8.925M	8M93W7D	9.75M	8.912M
LTE_15MHz_Nss1,QPSK_1TX	14.344M	13.421M	13M4G7D	14.175M	13.384M
LTE_15MHz_Nss1,16QAM_1TX	14.663M	13.413M	13M4W7D	14.4M	13.4M
LTE_20MHz_Nss1,QPSK_1TX	19.525M	17.844M	17M8G7D	19.075M	17.816M
LTE_20MHz_Nss1,16QAM_1TX	19.25M	17.867M	17M9W7D	19.1M	17.813M

Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

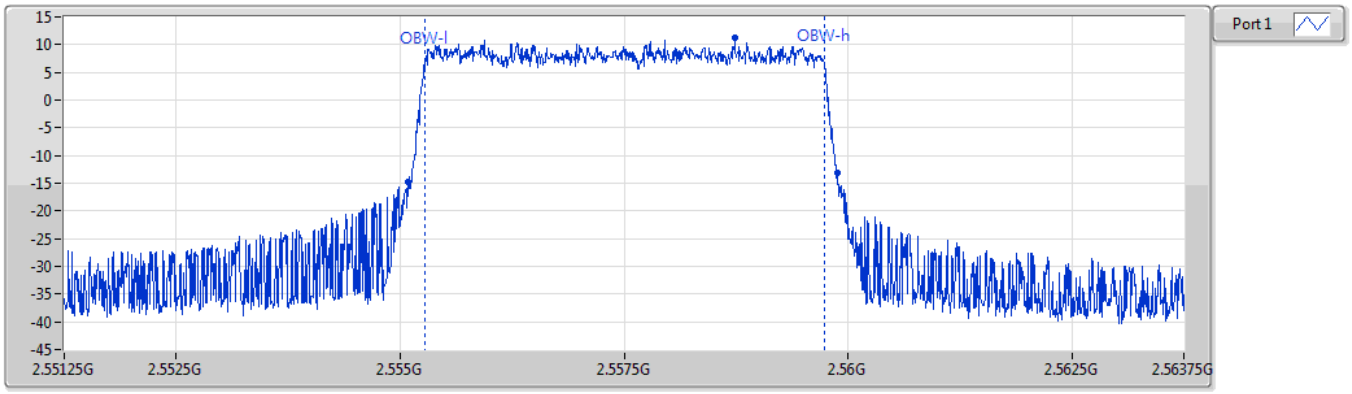
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 41_LTE_5MHz_Nss1_1TX	-	-	-	-
2557.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.794M	4.464M
2605MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.788M	4.466M
2652.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.819M	4.465M
2557.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.944M	4.46M
2605MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.925M	4.469M
2652.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.888M	4.471M
Band 41_LTE_10MHz_Nss1_1TX	-	-	-	-
2560MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.663M	8.92M
2605MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.613M	8.927M
2650MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.613M	8.927M
2560MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.75M	8.912M
2605MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.763M	8.925M
2650MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.788M	8.925M
Band 41_LTE_15MHz_Nss1_1TX	-	-	-	-
2562.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.175M	13.39M
2605MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.344M	13.384M
2647.5MHz_QPSK_RB 75,#RB 0	Pass	Inf	14.288M	13.421M
2562.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.663M	13.4M
2605MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.531M	13.401M
2647.5MHz_16QAM_RB 75,#RB 0	Pass	Inf	14.4M	13.413M
Band 41_LTE_20MHz_Nss1_1TX	-	-	-	-
2565MHz_QPSK_RB 100,#RB 0	Pass	Inf	19.525M	17.842M
2605MHz_QPSK_RB 100,#RB 0	Pass	Inf	19.075M	17.816M
2645MHz_QPSK_RB 100,#RB 0	Pass	Inf	19.075M	17.844M
2565MHz_16QAM_RB 100,#RB 0	Pass	Inf	19.1M	17.854M
2605MHz_16QAM_RB 100,#RB 0	Pass	Inf	19.25M	17.813M
2645MHz_16QAM_RB 100,#RB 0	Pass	Inf	19.2M	17.867M

Port X-N dB = Port **X** 26dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

Band 41_LTE_5MHz_Nss1,QPSK_1TX **EBW**

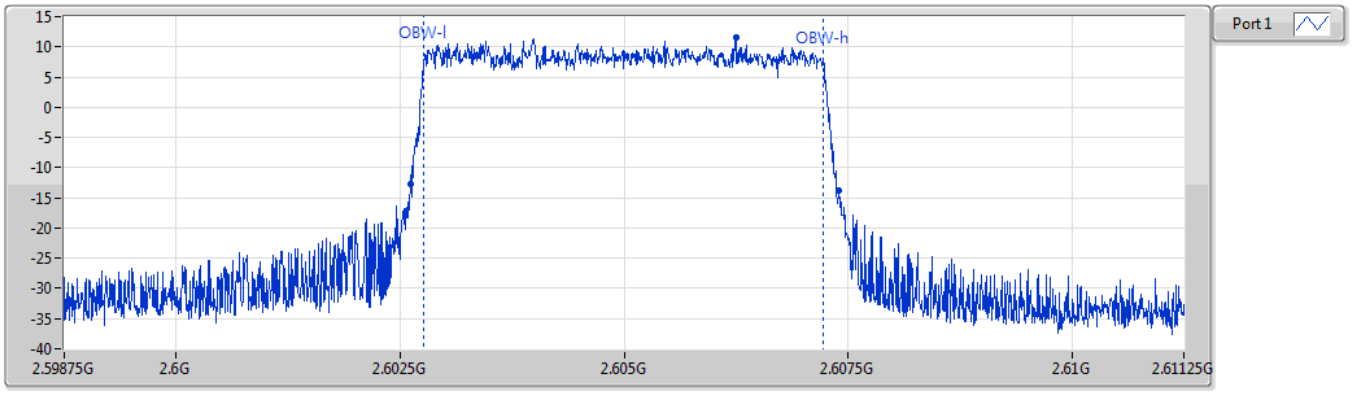
2557.5MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.794M	2.555094G	2.559888G	4.464M	2.555271G	2.559735G	1	2.5575G	12.5M	51k	160k

Band 41_LTE_5MHz_Nss1,QPSK_1TX **EBW**

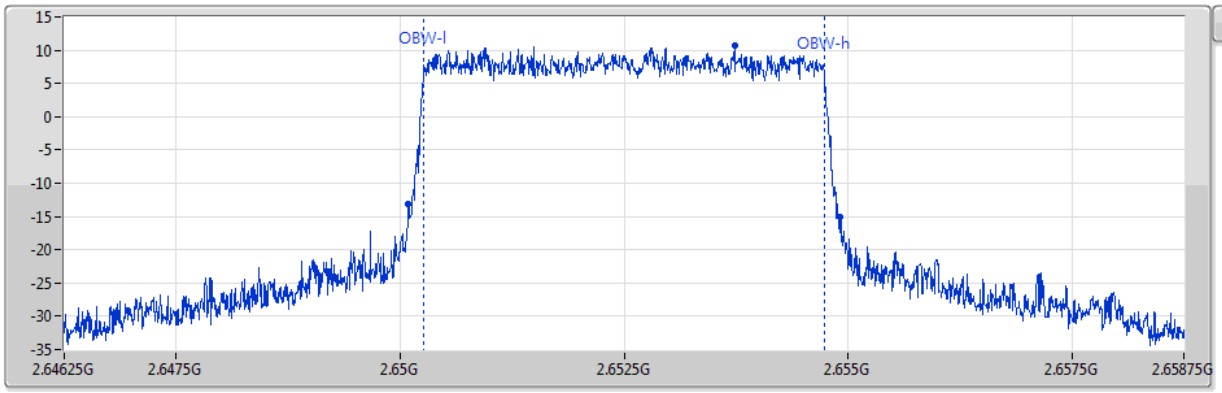
2605MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.788M	2.602613G	2.6074G	4.466M	2.602764G	2.60723G	1	2.605G	12.5M	51k	160k

Band 41_LTE_5MHz_Nss1,QPSK_1TX **EBW**

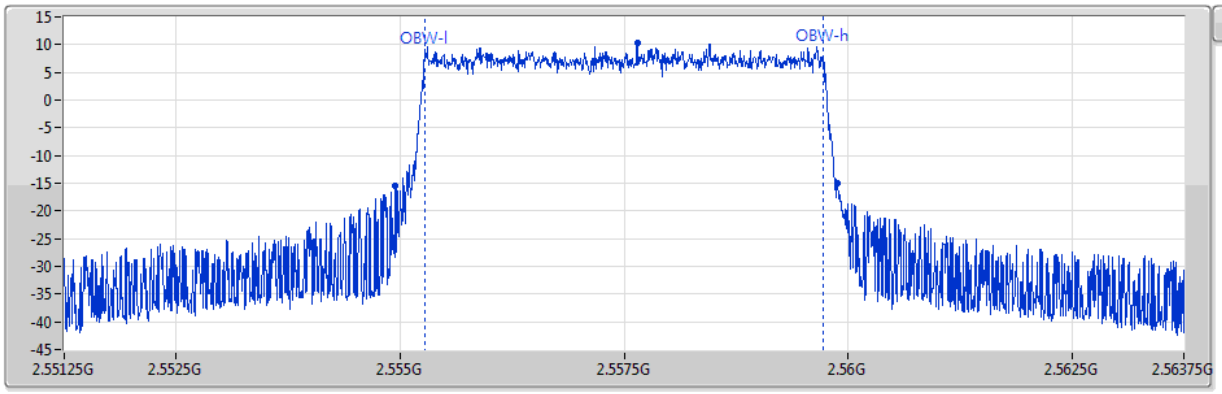
2652.5MHz_QPSK_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.819M	2.650088G	2.654906G	4.465M	2.650267G	2.654731G	1	2.6525G	12.5M	51k	160k

Band 41_LTE_5MHz_Nss1,16QAM_1TX **EBW**

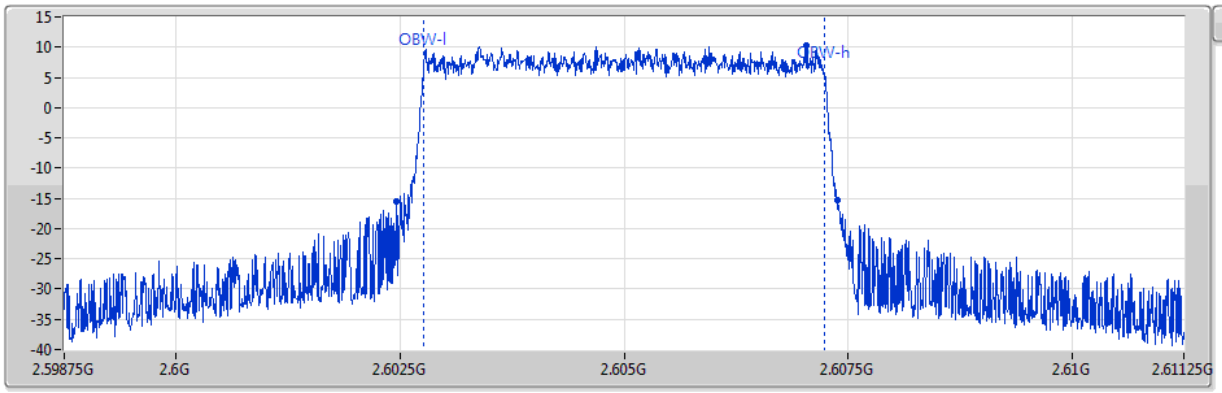
2557.5MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.944M	2.554944G	2.559888G	4.46M	2.55527G	2.55973G	1	2.5575G	12.5M	51k	160k

Band 41_LTE_5MHz_Nss1,16QAM_1TX **EBW**

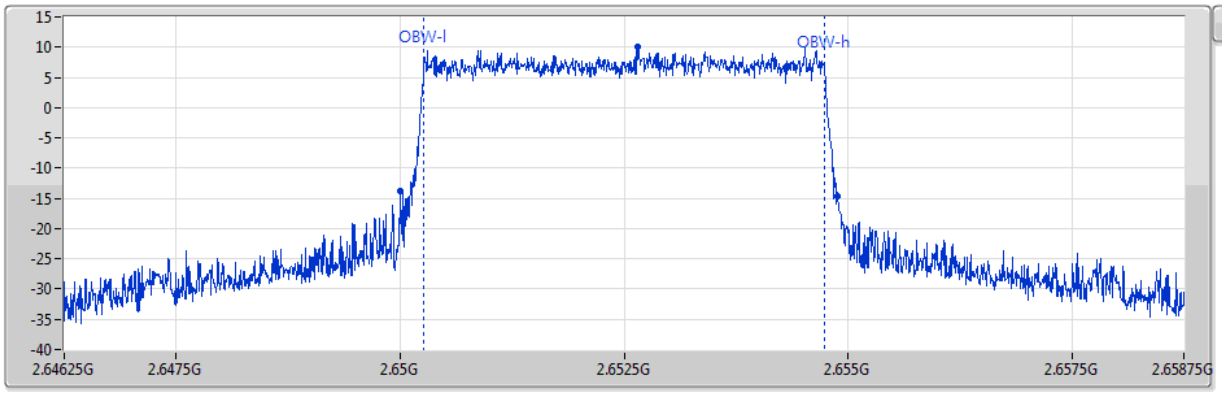
2605MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.925M	2.602463G	2.607388G	4.469M	2.602764G	2.607233G	1	2.605G	12.5M	51k	160k

Band 41_LTE_5MHz_Nss1,16QAM_1TX **EBW**

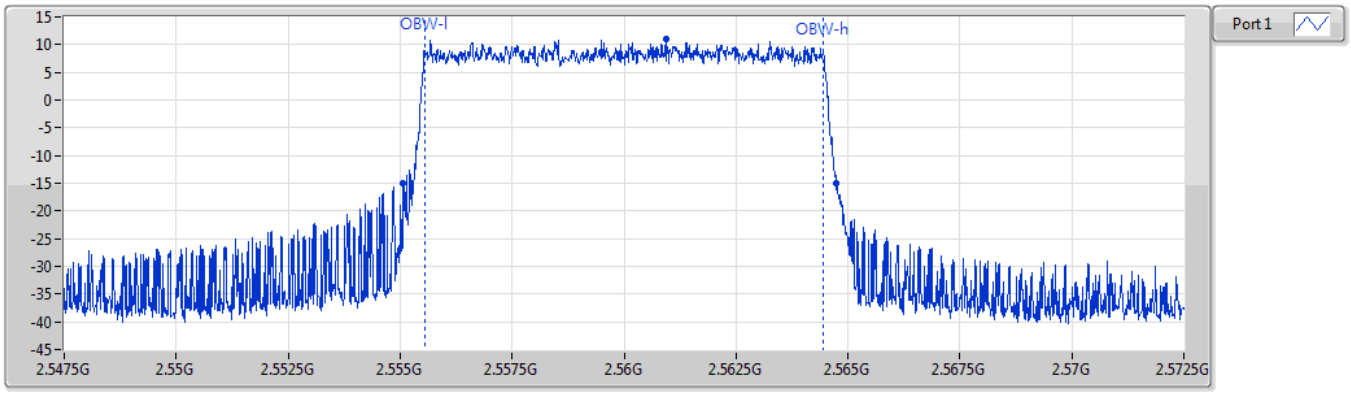
2652.5MHz_16QAM_RB 25,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.888M	2.65G	2.654888G	4.471M	2.650266G	2.654737G	1	2.6525G	12.5M	51k	160k

Band 41_LTE_10MHz_Nss1,QPSK_1TX **EBW**

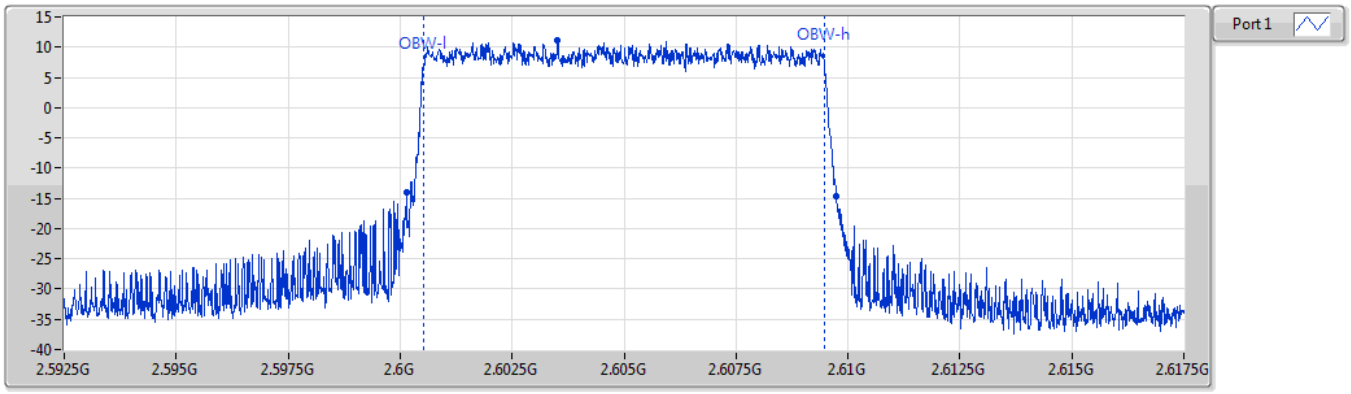
2560MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.663M	2.555075G	2.564738G	8.92M	2.555541G	2.564461G	1	2.56G	25M	100k	300k

Band 41_LTE_10MHz_Nss1,QPSK_1TX **EBW**

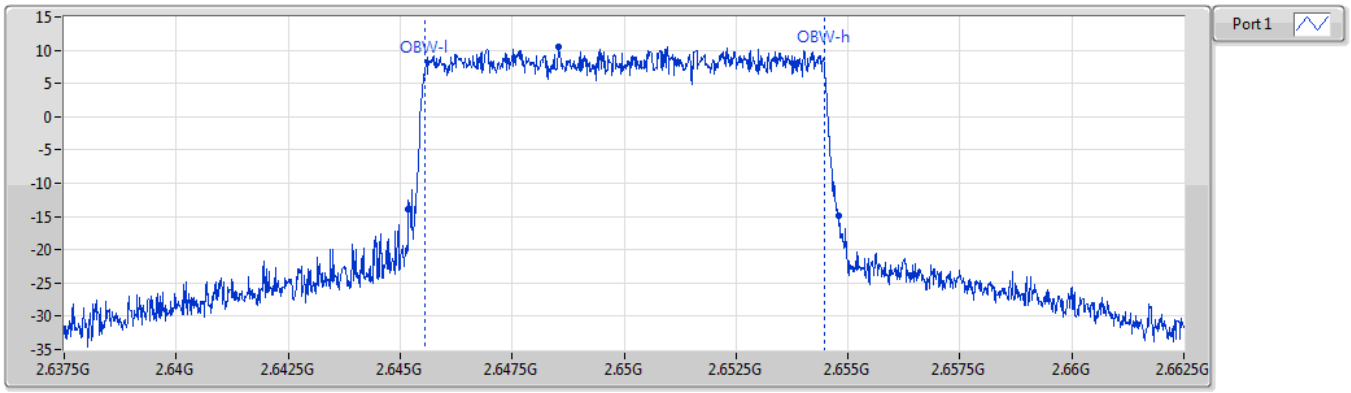
2605MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.613M	2.600138G	2.60975G	8.927M	2.600537G	2.609464G	1	2.605G	25M	100k	300k

Band 41_LTE_10MHz_Nss1,QPSK_1TX **EBW**

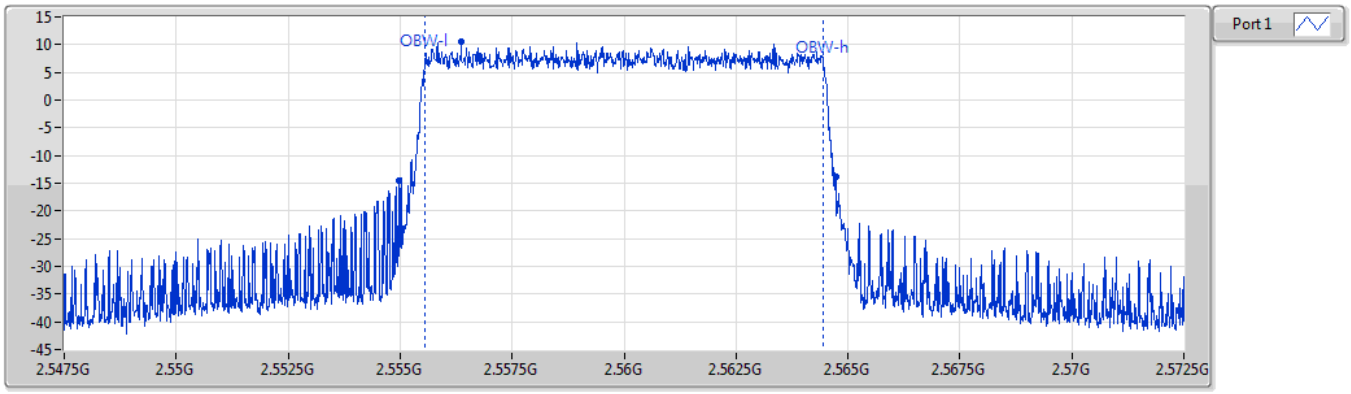
2650MHz_QPSK_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.613M	2.645175G	2.654788G	8.927M	2.645541G	2.654468G	1	2.65G	25M	100k	300k

Band 41_LTE_10MHz_Nss1,16QAM_1TX **EBW**

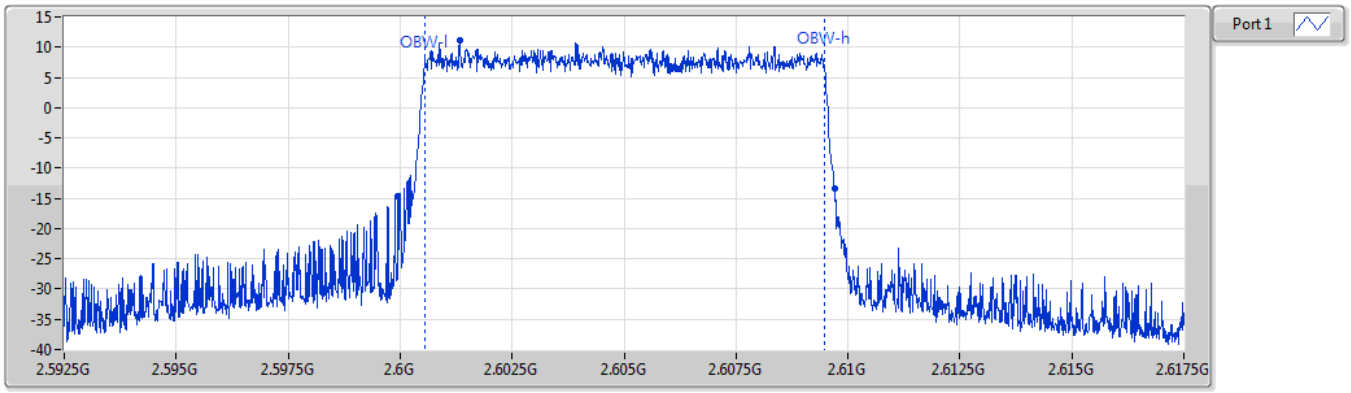
2560MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.75M	2.554975G	2.564725G	8.912M	2.555546G	2.564458G	1	2.56G	25M	100k	300k

Band 41_LTE_10MHz_Nss1,16QAM_1TX **EBW**

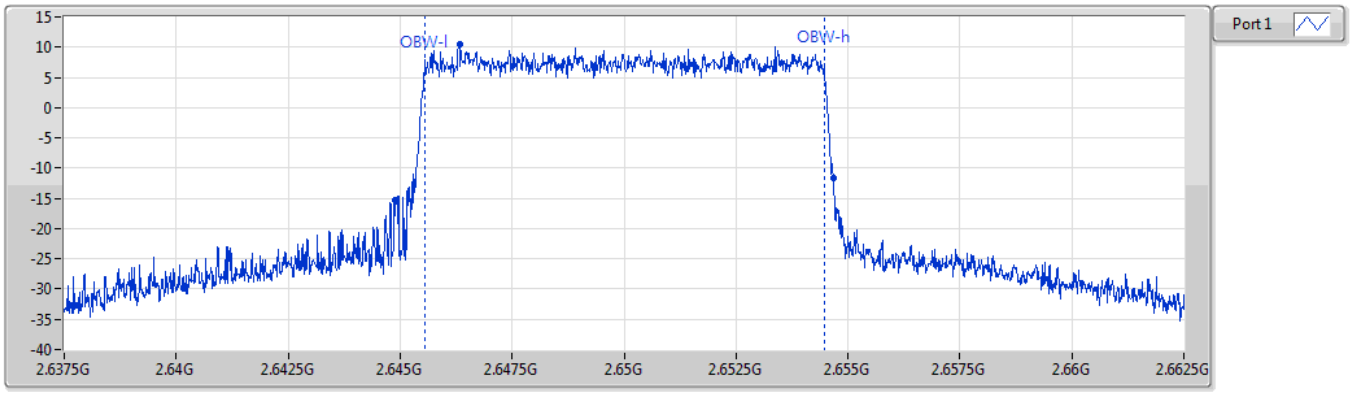
2605MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.763M	2.59995G	2.609713G	8.925M	2.600543G	2.609468G	1	2.605G	25M	100k	300k

Band 41_LTE_10MHz_Nss1,16QAM_1TX **EBW**

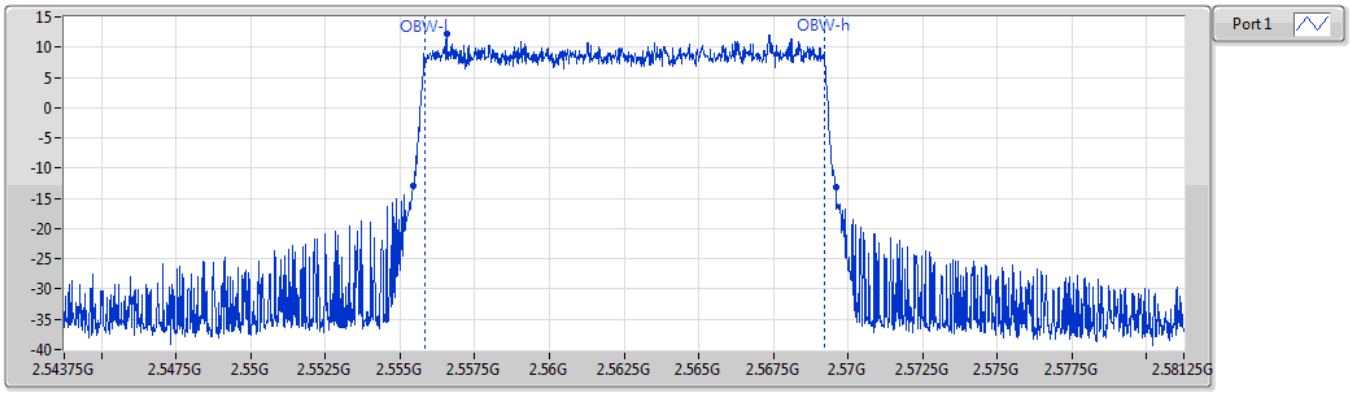
2650MHz_16QAM_RB 50,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.788M	2.6449G	2.654688G	8.925M	2.645544G	2.654469G	1	2.65G	25M	100k	300k

Band 41_LTE_15MHz_Nss1,QPSK_1TX **EBW**

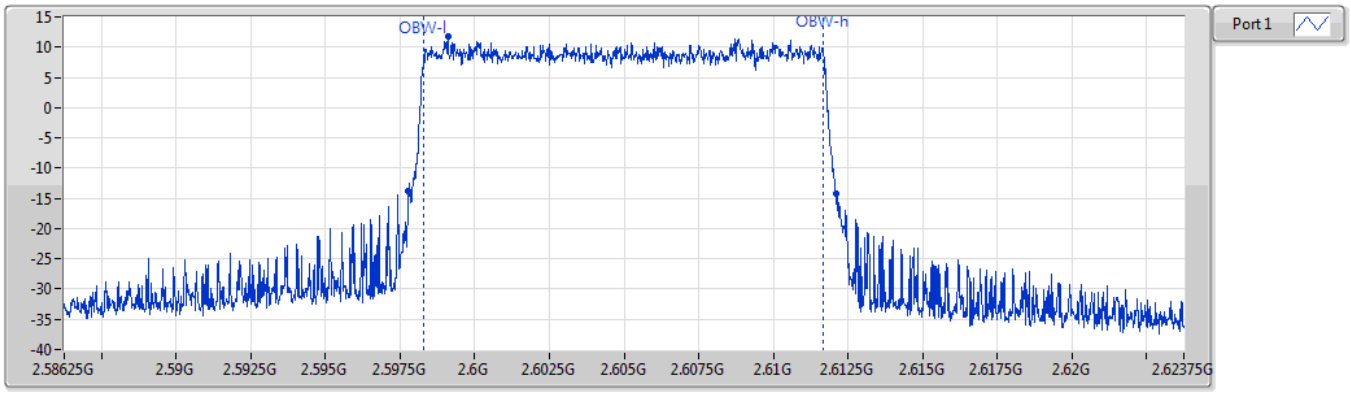
2562.5MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.175M	2.555431G	2.569606G	13.39M	2.555811G	2.569201G	1	2.5625G	37.5M	150k	470k

Band 41_LTE_15MHz_Nss1,QPSK_1TX **EBW**

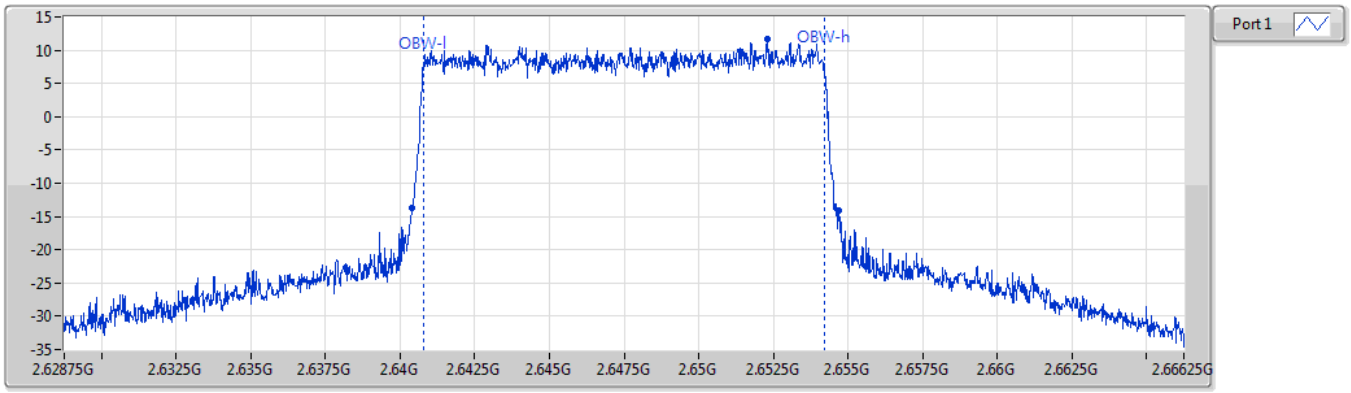
2605MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.344M	2.597781G	2.612125G	13.384M	2.598299G	2.611682G	1	2.605G	37.5M	150k	470k

Band 41_LTE_15MHz_Nss1,QPSK_1TX **EBW**

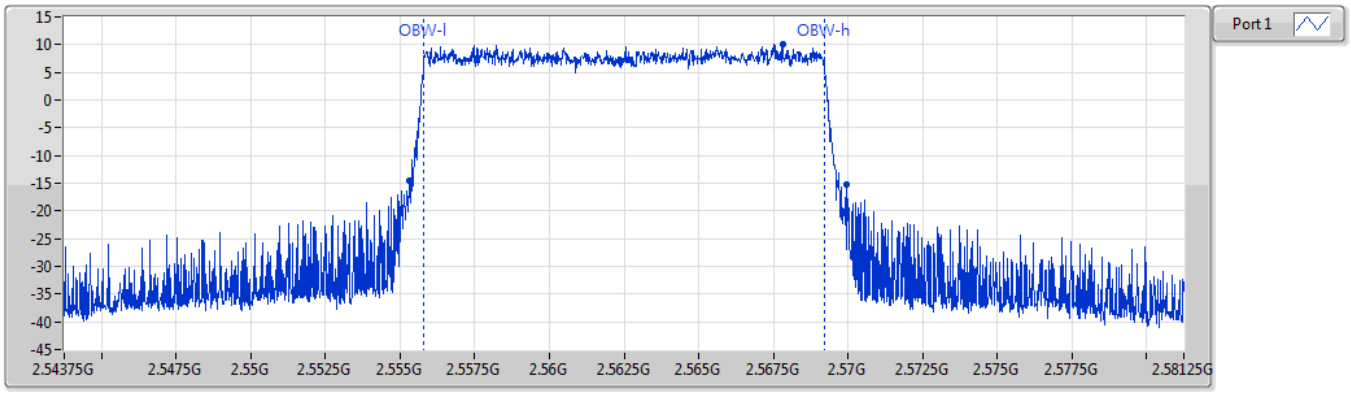
2647.5MHz_QPSK_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.288M	2.640413G	2.6547G	13.421M	2.640785G	2.654207G	1	2.6475G	37.5M	150k	470k

Band 41_LTE_15MHz_Nss1,16QAM_1TX **EBW**

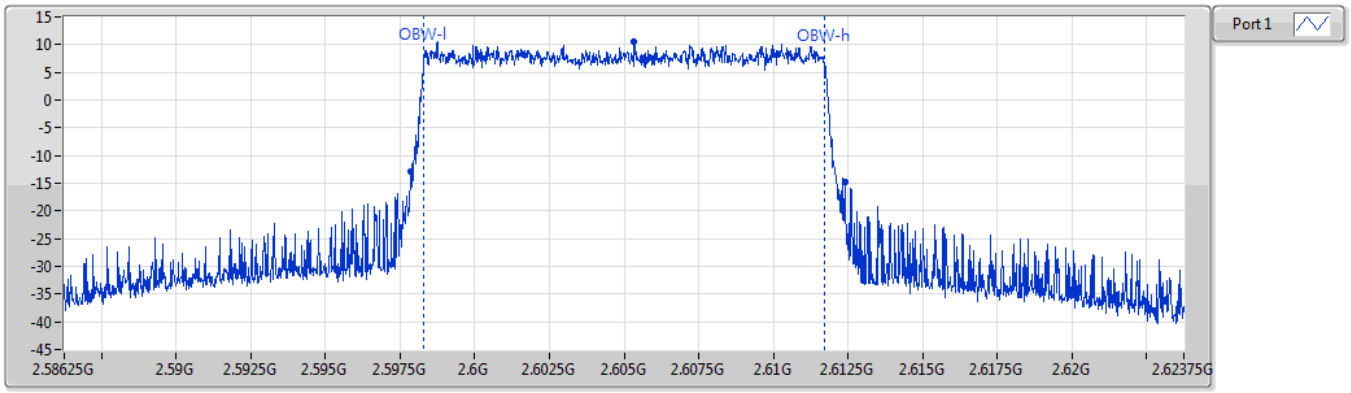
2562.5MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.663M	2.5553G	2.569963G	13.4M	2.555802G	2.569202G	1	2.5625G	37.5M	150k	470k

Band 41_LTE_15MHz_Nss1,16QAM_1TX **EBW**

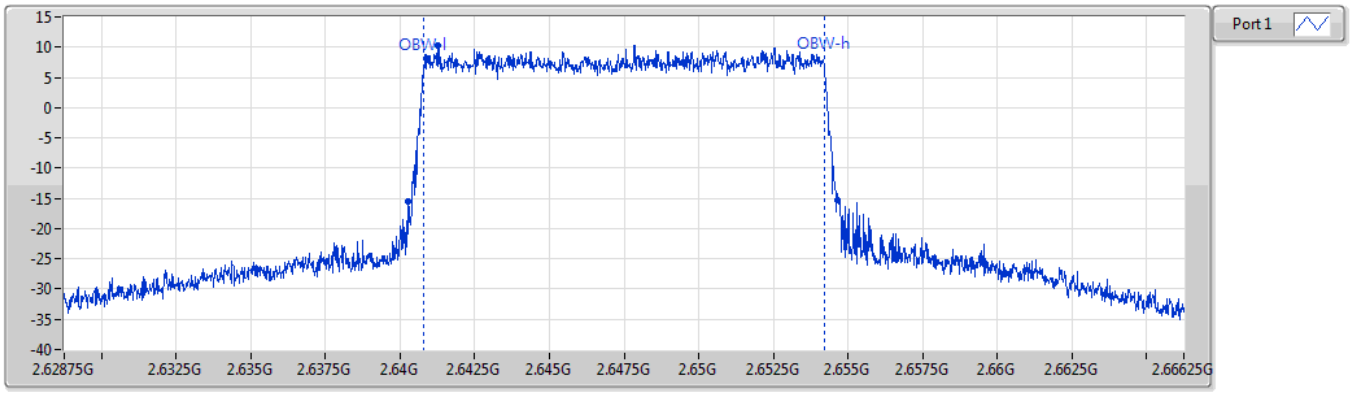
2605MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.531M	2.597856G	2.612388G	13.401M	2.598306G	2.611707G	1	2.605G	37.5M	150k	470k

Band 41_LTE_15MHz_Nss1,16QAM_1TX **EBW**

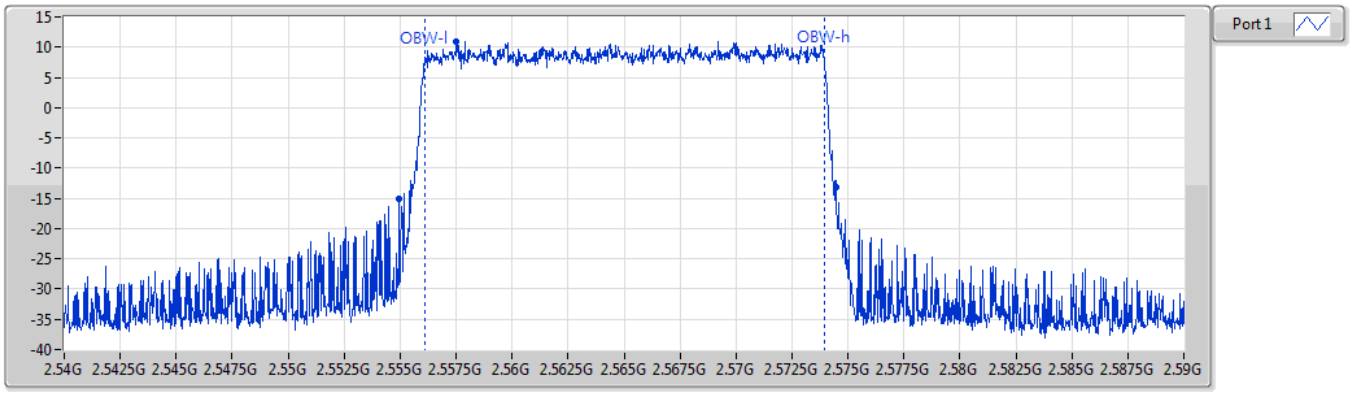
2647.5MHz_16QAM_RB 75,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
14.4M	2.640263G	2.654663G	13.413M	2.640796G	2.654208G	1	2.6475G	37.5M	150k	470k

Band 41_LTE_20MHz_Nss1,QPSK_1TX **EBW**

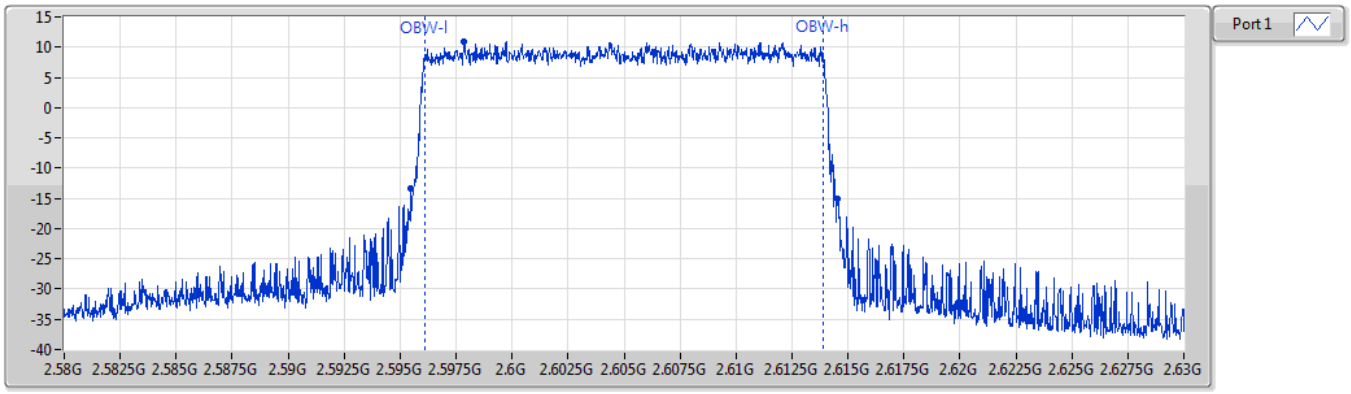
2565MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.525M	2.55495G	2.574475G	17.842M	2.556089G	2.573931G	1	2.565G	50M	200k	620k

Band 41_LTE_20MHz_Nss1,QPSK_1TX **EBW**

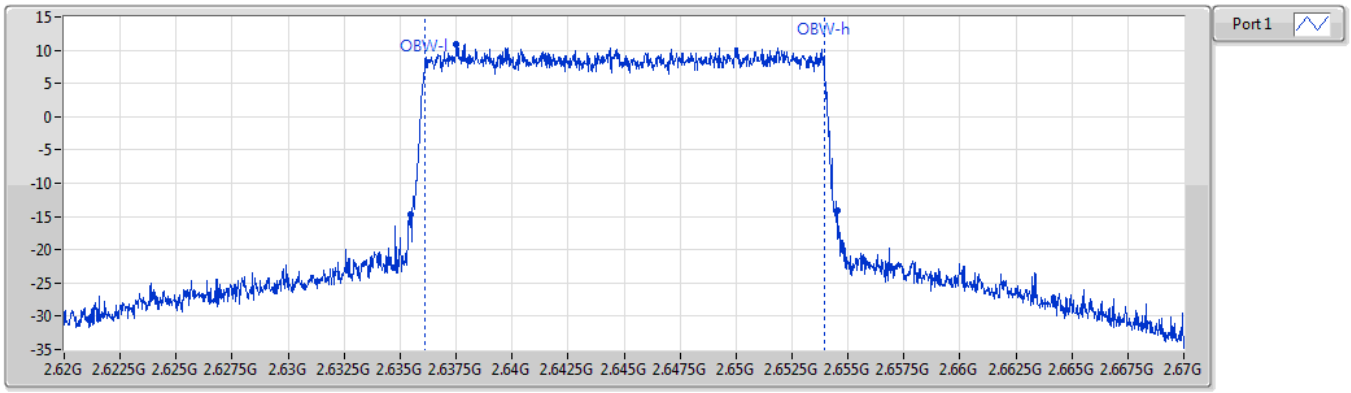
2605MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.075M	2.595475G	2.61455G	17.816M	2.596088G	2.613904G	1	2.605G	50M	200k	620k

Band 41_LTE_20MHz_Nss1,QPSK_1TX **EBW**

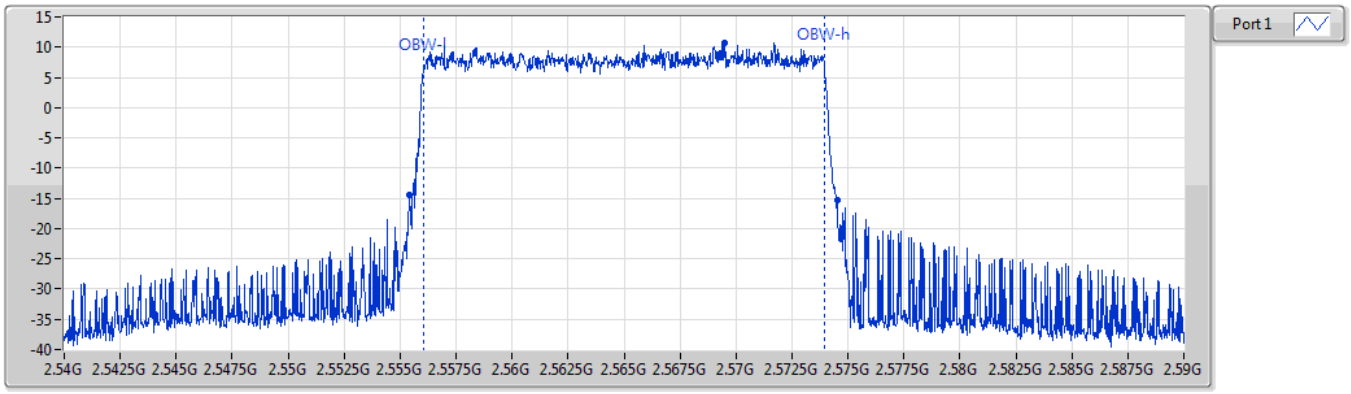
2645MHz_QPSK_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.075M	2.63545G	2.654525G	17.844M	2.636087G	2.653931G	1	2.645G	50M	200k	620k

Band 41_LTE_20MHz_Nss1,16QAM_1TX **EBW**

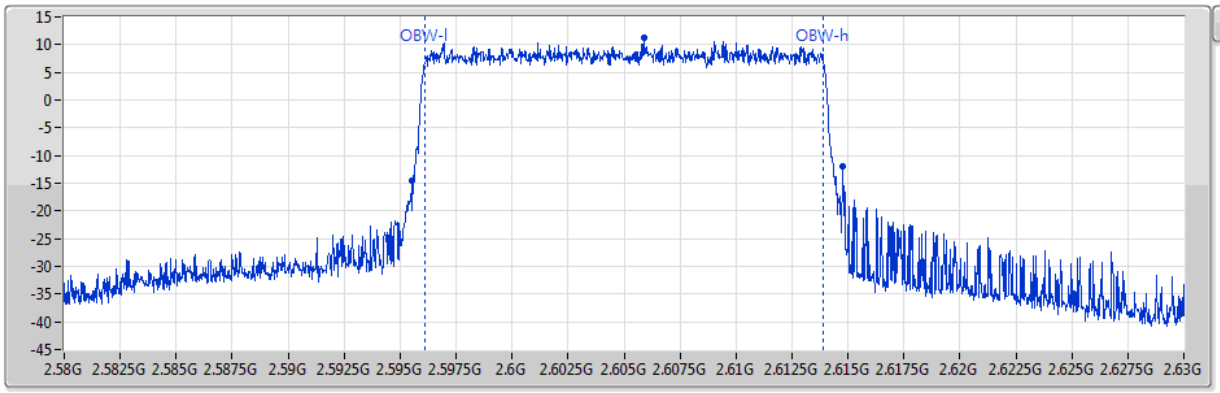
2565MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.1M	2.555425G	2.574525G	17.854M	2.556071G	2.573925G	1	2.565G	50M	200k	620k

Band 41_LTE_20MHz_Nss1,16QAM_1TX **EBW**

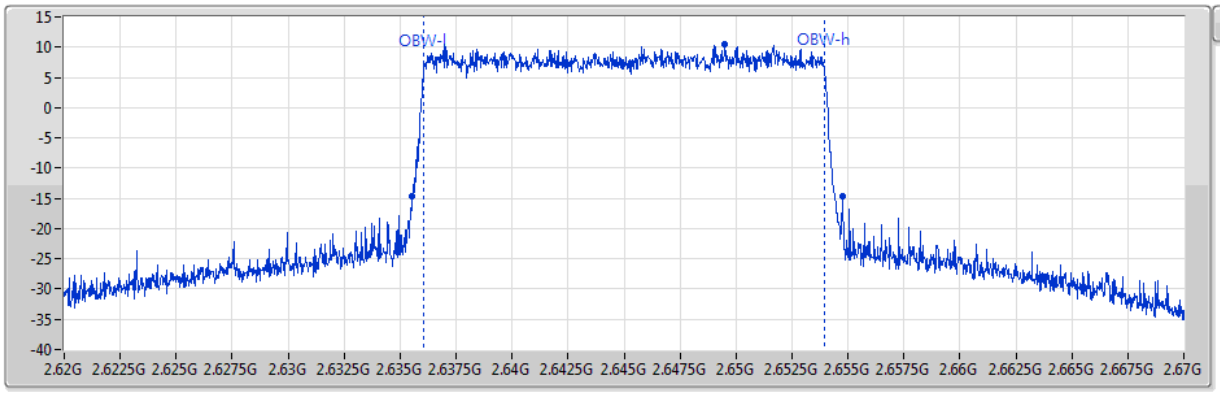
2605MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.25M	2.595525G	2.614775G	17.813M	2.596095G	2.613908G	1	2.605G	50M	200k	620k

Band 41_LTE_20MHz_Nss1,16QAM_1TX **EBW**

2645MHz_16QAM_RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
19.2M	2.63555G	2.65475G	17.867M	2.636068G	2.653935G	1	2.645G	50M	200k	620k

Band 41_LTE_5MHz_Nss1_1TX				
Temperature (°C)	2557.5MHz		2652.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.008	2555.269979	-0.008	2654.736978
T20°CVmin	-0.009	2555.269977	-0.009	2654.736976
T50°CVnom	-0.009	2555.269976	-0.009	2654.736975
T40°CVnom	-0.009	2555.269978	-0.008	2654.736979
T30°CVnom	-0.007	2555.269981	-0.009	2654.736976
T20°CVnom	-0.008	2555.269979	-0.008	2654.736978
T10°CVnom	-0.007	2555.269982	-0.007	2654.736981
T0°CVnom	-0.007	2555.269982	-0.006	2654.736985
T-10°CVnom	-0.006	2555.269985	-0.006	2654.736983
T-20°CVnom	-0.005	2555.269986	-0.006	2654.736984
T-30°CVnom	-0.004	2555.269989	-0.005	2654.736988
Limit		>2555MHz		<2655MHz

Band 41_LTE_10MHz_Nss1_1TX				
Temperature (°C)	2560MHz		2650MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.007	2555.269981	-0.009	2654.736977
T20°CVmin	-0.008	2555.269979	-0.009	2654.736975
T50°CVnom	-0.009	2555.269978	-0.009	2654.736976
T40°CVnom	-0.008	2555.269979	-0.008	2654.736979
T30°CVnom	-0.007	2555.269982	-0.009	2654.736977
T20°CVnom	-0.006	2555.269984	-0.008	2654.736978
T10°CVnom	-0.006	2555.269985	-0.007	2654.736981
T0°CVnom	-0.005	2555.269987	-0.007	2654.736982
T-10°CVnom	-0.005	2555.269988	-0.006	2654.736985
T-20°CVnom	-0.006	2555.269985	-0.006	2654.736984
T-30°CVnom	-0.005	2555.269986	-0.006	2654.736983
Limit		>2555MHz		<2655MHz

Band 41_LTE_15MHz_Nss1_1TX				
Temperature (°C)	2562.5MHz		2647.5MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.008	2555.801979	-0.007	2654.207982
T20°CVmin	-0.008	2555.801980	-0.006	2654.207983
T50°CVnom	-0.007	2555.801982	-0.007	2654.207981
T40°CVnom	-0.007	2555.801981	-0.008	2654.207980
T30°CVnom	-0.006	2555.801984	-0.007	2654.207982
T20°CVnom	-0.007	2555.801981	-0.006	2654.207984
T10°CVnom	-0.005	2555.801986	-0.005	2654.207987
T0°CVnom	-0.004	2555.801989	-0.006	2654.207985
T-10°CVnom	-0.005	2555.801987	-0.005	2654.207986
T-20°CVnom	-0.005	2555.801988	-0.006	2654.207984
T-30°CVnom	-0.004	2555.801990	-0.005	2654.207988
Limit		>2555MHz		<2655MHz

Band 41_LTE_20MHz_Nss1_1TX				
Temperature (°C)	2565MHz		2645MHz	
	Frequency Drift (ppm)	FL (MHz)	Frequency Drift (ppm)	FH (MHz)
T20°CVmax	-0.007	2556.070983	-0.007	2653.934981
T20°CVmin	-0.006	2556.070984	-0.007	2653.934982
T50°CVnom	-0.006	2556.070984	-0.008	2653.934980
T40°CVnom	-0.007	2556.070982	-0.007	2653.934982
T30°CVnom	-0.007	2556.070981	-0.007	2653.934981
T20°CVnom	-0.006	2556.070984	-0.006	2653.934984
T10°CVnom	-0.006	2556.070985	-0.006	2653.934983
T0°CVnom	-0.004	2556.070989	-0.005	2653.934986
T-10°CVnom	-0.005	2556.070986	-0.005	2653.934987
T-20°CVnom	-0.005	2556.070987	-0.006	2653.934985
T-30°CVnom	-0.004	2556.070990	-0.004	2653.934989
Limit		>2555MHz		<2655MHz