



FCC RADIO TEST REPORT

FCC ID : UDX-60089010
Equipment : LTE Gateway
Brand Name : CISCO
Model Name : MG21-HW-NA and MG21E-HW-NA
Applicant : Cisco Systems
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR Part2, 22(H), 24(E), 27

The product was received on Apr. 22, 2019, and testing was started from May 07, 2019 and completed on Jul. 02, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI/TIA-603-E (2016), ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.


Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FG941924	01	Initial issue of report	Aug. 02, 2019



Summary of Test Result

Report Clause	Band	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	<input checked="" type="checkbox"/> 5	2.1046	Conducted Output Power	PASS	-
	<input checked="" type="checkbox"/> 2	2.1046			
	<input checked="" type="checkbox"/> 4	2.1046			
	<input checked="" type="checkbox"/> 12	2.1046			
	<input checked="" type="checkbox"/> 13	2.1046			
	<input checked="" type="checkbox"/> 5	22.913(a)(2)	Effective Radiated Power	PASS	-
	<input checked="" type="checkbox"/> 12	2.1046 27.50(c)(1)(9)			
	<input checked="" type="checkbox"/> 13	2.1046 27.50(b)(4)(9)			
	<input checked="" type="checkbox"/> 2	24.232(a)			
	<input checked="" type="checkbox"/> 4	2.1046 27.50(d)(2)			
3.2	<input checked="" type="checkbox"/> 5	22.913(d)	Peak-to-Average Ratio	PASS	-
	<input checked="" type="checkbox"/> 2	24.232(d)			
	<input checked="" type="checkbox"/> 4	27.50(d)(5)			
	<input checked="" type="checkbox"/> 12	-			
	<input checked="" type="checkbox"/> 13	-			
3.3	<input checked="" type="checkbox"/> 5	2.1049	Occupied Bandwidth	PASS	-
	<input checked="" type="checkbox"/> 2	2.1049			
	<input checked="" type="checkbox"/> 4	2.1049			
	<input checked="" type="checkbox"/> 12	2.1049			
	<input checked="" type="checkbox"/> 13	2.1049			
3.4	<input checked="" type="checkbox"/> 5	2.1051 22.917(a)	Conducted Band Edge	PASS	-
	<input checked="" type="checkbox"/> 2	2.1051 24.238(a)			
	<input checked="" type="checkbox"/> 4	2.1051 27.53(h)			
	<input checked="" type="checkbox"/> 12	2.1051 27.53(g)			
	<input checked="" type="checkbox"/> 13	2.1051 27.53(c)			
3.5	<input checked="" type="checkbox"/> 5	2.1051 22.917(a)	Conducted Spurious Emission	PASS	-
	<input checked="" type="checkbox"/> 2	2.1051 24.238(a)			
	<input checked="" type="checkbox"/> 4	2.1051 27.53(h)			
	<input checked="" type="checkbox"/> 12	2.1051 27.53(g)			
	<input checked="" type="checkbox"/> 13	2.1051 27.53(c)			
3.6	<input checked="" type="checkbox"/> 5	2.1053 22.917(a)	Radiated Spurious Emission	PASS	-
	<input checked="" type="checkbox"/> 2	2.1053 24.238(a)			
	<input checked="" type="checkbox"/> 4	2.1053 27.53(h)			



	<input checked="" type="checkbox"/> 12	2.1053 27.53(g)			
	<input checked="" type="checkbox"/> 13	2.1053 27.53(c)(f)			
3.7	<input checked="" type="checkbox"/> 5	2.1055 22.355	Frequency Stability for Temperature & Voltage	PASS	-
	<input checked="" type="checkbox"/> 2	2.1055 24.235			
	<input checked="" type="checkbox"/> 4	2.1055 27.54			
	<input checked="" type="checkbox"/> 12	2.1055 27.54			
	<input checked="" type="checkbox"/> 13	2.1055 27.54			

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.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

Items	Description			
EUT Power Type	From Power Adapter or PoE			
EUT Type	<input type="checkbox"/> Base Station <input checked="" type="checkbox"/> Mobile Station <input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor			
Operating Frequency	Band	Bandwidth (MHz)	TX Frequency (MHz)	RX Frequency (MHz)
	WCDMA Band 5	5	826.4 ~ 846.6	871.4 ~ 891.6
	WCDMA Band 2	5	1852.4 ~ 1907.6	1932.4 ~ 1987.6
	WCDMA Band 4	5	1712.4 ~ 1752.6	2112.4 ~ 2152.6
	LTE Band 5	1.4	824.7 ~ 848.3	869.7 ~ 893.3
		3	825.5 ~ 847.5	870.5 ~ 892.5
		5	826.5 ~ 846.5	871.5 ~ 891.5
		10	829.0 ~ 844.0	874.0 ~ 889.0
	LTE Band 2	1.4	1850.7 ~ 1909.3	1930.7 ~ 1989.3
		3	1851.5 ~ 1908.5	1931.5 ~ 1988.5
		5	1852.5 ~ 1907.5	1932.5 ~ 1987.5
		10	1855.0 ~ 1905.0	1935.0 ~ 1985.0
		15	1857.5 ~ 1902.5	1937.5 ~ 1982.5
		20	1860.0 ~ 1900.0	1940.0 ~ 1980.0
	LTE Band 4	1.4	1710.7 ~ 1754.3	2110.7 ~ 2154.3
		3	1711.5 ~ 1753.5	2111.5 ~ 2153.5
		5	1712.5 ~ 1752.5	2112.5 ~ 2152.5
		10	1715.0 ~ 1750.0	2115.0 ~ 2150.0
		15	1717.5 ~ 1747.5	2117.5 ~ 2147.5
		20	1720.0 ~ 1745.0	2120.0 ~ 2145.0
	LTE Band 12	1.4	699.7 ~ 715.3	729.7 ~ 745.3
		3	700.5 ~ 714.5	730.5 ~ 744.5
		5	701.5 ~ 713.5	731.5 ~ 743.5
10		704.0 ~ 711.0	734.0 ~ 741.0	
LTE Band 13	5	779.5 ~ 784.5	748.5 ~ 753.5	
	10	782.0	751.0	
Type of Modulation	WCDMA: BPSK / QPSK HSDPA: BPSK / QPSK HSUPA: BPSK / QPSK LTE: QPSK / 16QAM			

Note: The above information was declared by manufacturer.



1.1.2 Antenna Information

<For Internal Antenna>

Set	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1/2	CISCO	N/A	PIFA	I-PEX	Note 1

<For External Antenna>

Set	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
2	1/2	CISCO	MA-ANT-C1-B	Panel	Reversed-SMA	Note 2
3	1/2	CISCO	MA-ANT-C1-A	Dipole	Reversed-SMA	Note 2

Note 1:

Set	Port	Gain (dBi)				
		Band 2	Band 4	Band 5	Band 12	Band 13
1	1/2	2.40	2.31	2.92	1.46	2.77

Note 2:

Set	Port	Band Item	Gain (dBi)				
			Band 2	Band 4	Band 5	Band 12	Band 13
2	1/2	Antenna Gain	9.0	5.9	4.6	5	6.1
		Cable Loss	0.7				
		True Gain	8.3	5.2	3.9	4.3	5.4
3	1/2	Antenna Gain	4.24	3.45	1.94	1.14	1.98
		Cable Loss	0.7				
		True Gain	3.57	2.45	1.24	0.44	1.28

Note 1:

The above information was declared by manufacturer.

Note 2:

The External EUT has two set of antennas, one is Panel antenna, and the other is Dipole antenna, the Panel antenna's gain is higher than the Dipole antenna. So, Panel antenna was selected to test and recorded in the test report.

Note 3:

Both Port 1 and Port 2 could be used as receiving antennas.

Only Port 1 antenna can transmit RF signal.



1.1.3 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

WCDMA													
Band	FCC Rule Part	Bandwidth (MHz)	TX Frequency (MHz)	Type of Modulation	Max. Conducted Power		Max. ERP Power		Max. EIRP Power		99% Occupied Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)
					(dBm)	(W)	(dBm)	(W)	(dBm)	(W)			
2	Part 24	5	1852.4 ~ 1907.6	QPSK	22.90	0.195	-	-	31.20	1.318	4.169	4M17F9W	2.244
4	Part 27	5	1712.4 ~ 1752.6	QPSK	24.05	0.254	-	-	29.25	0.841	4.163	4M16F9W	-4.6000
5	Part 22	5	826.4 ~ 846.6	QPSK	23.28	0.213	25.03	0.318	-	-	4.144	4M14F9W	-2.465



LTE													
Band	FCC Rule Part	Bandwidth (MHz)	TX Frequency (MHz)	Type of Modulation	Max. Conducted Power		Max. ERP Power		Max. EIRP Power		99% Occupied Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)
					(dBm)	(W)	(dBm)	(W)	(dBm)	(W)			
2	Part 24	1.4	1850.7 ~ 1909.3	QPSK	21.81	0.152	-	-	30.11	1.02565	1.082	1M08G7D	-2.470
				16QAM	21.00	0.126	-	-	29.30	0.85114	1.082	1M08W7D	
		3	1851.5 ~ 1908.5	QPSK	21.47	0.140	-	-	29.77	0.94842	2.679	2M68G7D	
				16QAM	20.80	0.120	-	-	29.10	0.81283	2.680	2M68W7D	
		5	1852.5 ~ 1907.5	QPSK	22.26	0.168	-	-	30.56	1.13763	4.468	4M47G7D	
				16QAM	21.51	0.142	-	-	29.81	0.95719	4.462	4M46W7D	
		10	1855.0 ~ 1905.0	QPSK	22.42	0.175	-	-	30.72	1.18032	8.924	8M92G7D	
				16QAM	21.54	0.143	-	-	29.84	0.96383	8.906	8M91W7D	
		15	1857.5 ~ 1902.5	QPSK	22.68	0.185	-	-	30.98	1.25314	13.423	13M4G7D	
				16QAM	21.87	0.154	-	-	30.17	1.03992	13.416	13M4W7D	
		20	1860.0 ~ 1900.0	QPSK	22.90	0.195	-	-	31.20	1.31826	17.863	17M9G7D	
				16QAM	22.17	0.165	-	-	30.47	1.11429	17.861	17M9W7D	
4	Part 27	1.4	1710.7 ~ 1754.3	QPSK	22.94	0.197	-	-	28.14	0.65163	1.080	1M08G7D	1.690
				16QAM	22.16	0.164	-	-	27.36	0.54450	1.083	1M08W7D	
		3	1711.5 ~ 1753.5	QPSK	22.96	0.198	-	-	28.16	0.65464	2.676	2M68G7D	
				16QAM	22.17	0.165	-	-	27.37	0.54576	2.684	2M68W7D	
		5	1712.5 ~ 1752.5	QPSK	23.19	0.208	-	-	28.39	0.69024	4.466	4M47G7D	
				16QAM	22.33	0.171	-	-	27.53	0.56624	4.461	4M46W7D	
		10	1715.0 ~ 1750.0	QPSK	23.45	0.221	-	-	28.65	0.73282	8.931	8M93G7D	
				16QAM	22.54	0.179	-	-	27.74	0.59429	8.920	8M92W7D	
		15	1717.5 ~ 1747.5	QPSK	22.99	0.199	-	-	28.19	0.65917	13.431	13M4G7D	
				16QAM	22.18	0.165	-	-	27.38	0.54702	13.415	13M4W7D	
		20	1720.0 ~ 1745.0	QPSK	22.71	0.187	-	-	27.91	0.61802	17.865	17M9G7D	
				16QAM	21.98	0.158	-	-	27.18	0.52240	17.871	17M9W7D	
5	Part 22	1.4	824.7 ~ 848.3	QPSK	22.33	0.171	24.08	0.256	-	-	1.081	1M08G7D	0.007
				16QAM	21.62	0.145	23.37	0.217	-	-	1.081	1M08W7D	
		3	825.5 ~ 847.5	QPSK	22.49	0.177	24.24	0.265	-	-	2.679	2M68G7D	
				16QAM	21.72	0.149	23.47	0.222	-	-	2.677	2M68W7D	
		5	826.5 ~ 846.5	QPSK	22.71	0.187	24.46	0.279	-	-	4.471	4M47G7D	
				16QAM	22.00	0.158	23.75	0.237	-	-	4.465	4M47W7D	
10	829.0 ~ 844.0	QPSK	22.87	0.194	24.62	0.290	-	-	8.929	8M93G7D			
		16QAM	22.16	0.164	23.91	0.246	-	-	8.917	8M92W7D			
12	Part 27	1.4	699.7 ~ 715.3	QPSK	22.23	0.167	24.38	0.274	-	-	1.083	1M08G7D	0.011
				16QAM	21.31	0.135	23.46	0.222	-	-	1.083	1M08W7D	
		3	700.5 ~ 714.5	QPSK	22.08	0.161	24.23	0.265	-	-	2.684	2M68G7D	
				16QAM	21.54	0.143	23.69	0.234	-	-	2.681	2M68W7D	
		5	701.5 ~ 713.5	QPSK	22.45	0.176	24.6	0.288	-	-	4.474	4M47G7D	
				16QAM	21.97	0.157	24.12	0.258	-	-	4.464	4M46W7D	
		10	704.0 ~ 711.0	QPSK	22.51	0.178	24.66	0.292	-	-	8.932	8M93G7D	
				16QAM	21.90	0.155	24.05	0.254	-	-	8.915	8M92W7D	
13	Part 27	5	779.5 ~ 784.5	QPSK	20.79	0.120	24.04	0.254	-	-	4.467	4M47G7D	0.008
				16QAM	19.89	0.097	23.14	0.206	-	-	4.461	4M46W7D	
		10	782.0	QPSK	20.75	0.119	24	0.251	-	-	8.902	8M90G7D	
				16QAM	19.90	0.098	23.15	0.207	-	-	8.894	8M89W7D	



1.1.4 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

EUT	Model No.	Antenna
EUT 1	MG21-HW-WW	Internal antenna
EUT 2	MG21E-HW-WW	External antenna

From the above models, EUT 2 was selected as representative model for the test and their data was recorded in this report.



1.2 Applicable Standards

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

- 47 CFR Part2, 22(H), 24(E), 27
- ANSI/TIA-603-E (2016)
- ANSI C63.26-2015
- FCC KDB 412172 D01 v01r01
- FCC KDB 971168 D01 v03r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

1.3 Testing Location

Testing Location		
<input type="checkbox"/>	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973
<input checked="" type="checkbox"/>	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Ekko Hsieh	21~24°C / 57~59%	May 07, 2019~ Jul. 02, 2019
Radiated	03CH06-CB	Jay Luo	22~24°C / 50~60%	May 21, 2019~ May 22, 2019

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086B with Industry Canada.

1.4 Measurement Uncertainty

Test Items	Uncertainty	Remark
Radiated Emission (30MHz ~ 1,000MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%



2 Test Configuration of Equipment Under Test

2.1 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Conducted Output Power Peak-to-Average Ratio Occupied Bandwidth Conducted Band Edge Conducted Spurious Emission Frequency Stability
Test Condition	Conducted measurement at transmit chains
1	EUT 2 with WCDMA Band 2 Link
2	EUT 2 with WCDMA Band 4 Link
3	EUT 2 with WCDMA Band 5 Link
4	EUT 2 with LTE Band 2 Link
5	EUT 2 with LTE Band 4 Link
6	EUT 2 with LTE Band 5 Link
7	EUT 2 with LTE Band 12 Link
8	EUT 2 with LTE Band 13 Link



The Worst Case Mode for Following Conformance Tests	
Tests Item	Radiated Spurious Emission
Test Condition	Radiated measurement
Operating Mode < 1GHz	
The EUT supports WCDMA Band 2/4/5 and LTE Band 2/4/5/12/13. After evaluating, the worst case was found as LTE Band 2, thus the measurement will follow this same test configuration. The EUT was performed at Y-axis and Z-axis position. EUT Z axis has been evaluated to be the worst case at Radiated Spurious Emission <Above 1GHz>; thus, the measurement will follow this same test configuration.	
1	EUT 2 in Z axis + LTE Band 2 + Adapter 1
2	EUT 2 in Z axis + LTE Band 2 + Adapter 2
3	EUT 2 in Z axis + LTE Band 2 + PoE
Mode 1 generated the worst test result, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.	
Operating Mode > 1GHz	
External (EUT 2) was performed at Y axis and Z axis position. The worst case was found at Z axis, thus the measurement will follow this same test configuration.	
1	EUT 2 in Z axis with WCDMA Band 2 Link
2	EUT 2 in Z axis with WCDMA Band 4 Link
3	EUT 2 in Z axis with WCDMA Band 5 Link
4	EUT 2 in Z axis with LTE Band 2 Link
5	EUT 2 in Z axis with LTE Band 4 Link
6	EUT 2 in Z axis with LTE Band 5 Link
7	EUT 2 in Z axis with LTE Band 12 Link
8	EUT 2 in Z axis with LTE Band 13 Link

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

Support Unit	Brand	Model Number
PoE	CISCO	MA-INJ4



2.2 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	CISCO	KSAS0361200250HU	Input: 100-240V~50/60Hz, 1.0A Output: 12V, 2.5A
Adapter 2	CISCO	MA-PWR-30W-US	Input: 100-240V~50-60Hz, 0.8A MAX Output: 12V, 2.5A 30W
Other			
Wall-mounted rack*1			

2.3 Support Equipment

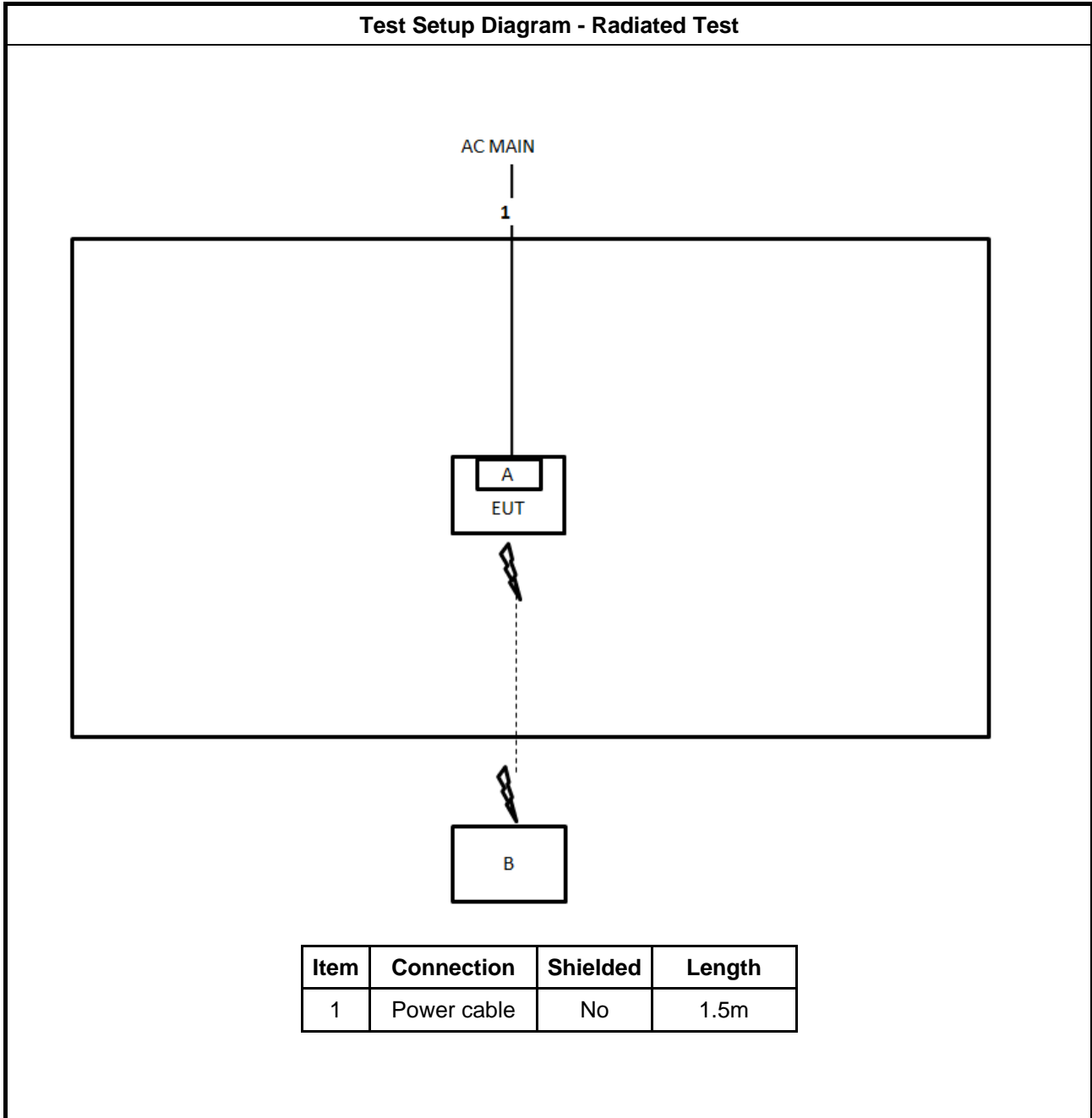
RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	LTE base station	Anritsu	MT8820C	N/A
C	SIM Card	Anritsu	N/A	N/A
D	PoE	CISCO	MA-INJ4	N/A

Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	SIM Card	Anritsu	N/A	N/A
B	LTE base station	Anritsu	MT8820C	N/A

2.4 Test Setup Diagram





2.5 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 1 dB and a 20dB attenuator.

Example:

$$\begin{aligned}\text{Offset (dB)} &= \text{RF cable loss (dB)} + \text{attenuator factor (dB)} \\ &= 1 + 20 = 21 \text{ (dB)}\end{aligned}$$



3 Test Result

3.1 Conducted Output Power and ERP/EIRP Measurement

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

Conducted Output Power Limit	
<input checked="" type="checkbox"/> Band 5	N/A
<input checked="" type="checkbox"/> Band 2	N/A
<input checked="" type="checkbox"/> Band 4	N/A
<input checked="" type="checkbox"/> Band 12	N/A
<input checked="" type="checkbox"/> Band 13	N/A
Effective Radiated Power (ERP) Limit	
<input checked="" type="checkbox"/> Band 5	Base Station: 500 Watts or 400Watts (PSD) Mobile Station: 7 Watts
<input checked="" type="checkbox"/> Band 12	Base Station: 1000 Watts Mobile Station: 30 Watts
<input checked="" type="checkbox"/> Band 13	
Equivalent Isotropic Radiated Power (EIRP) Limit	
<input checked="" type="checkbox"/> Band 2	Base Station: 1640 Watts Mobile Station: 2 Watts
<input checked="" type="checkbox"/> Band 4	Base Station: 1640 Watts Mobile Station: 1 Watts
<p>Note 1: A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.</p> <p>Note 2: According to FCC KDB 412172 D01 v01r01 Power Approach, $EIRP = P_T + G_T - L_c$, $ERP = EIRP - 2.15$, where P_T = transmitter output power in dBm G_T = gain of the transmitting antenna in dBi L_c = signal attenuation in the connecting cable between the transmitter and antenna in dB</p>	

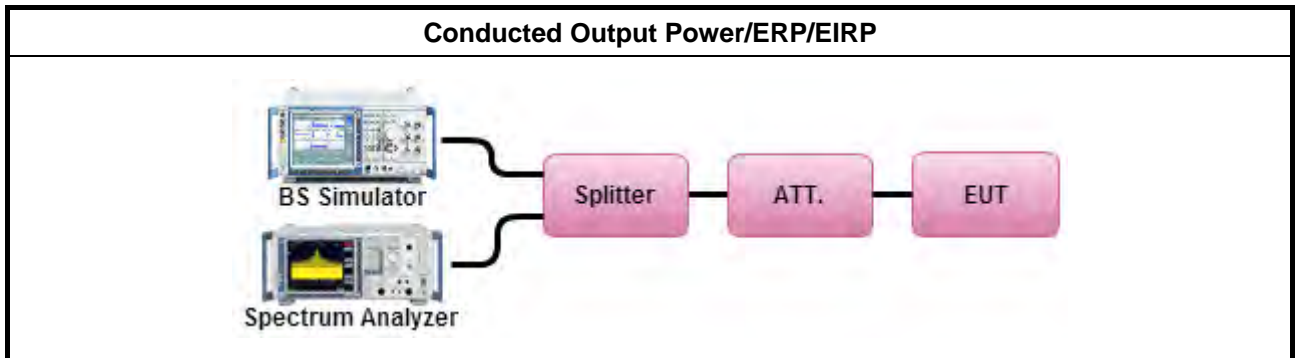
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Refer as Appendix A

3.1.6 Test Result of ERP/EIRP

Refer as Appendix A

3.2 Peak-to-Average Ratio Measurement

3.2.1 Description of the PAR Measurement

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

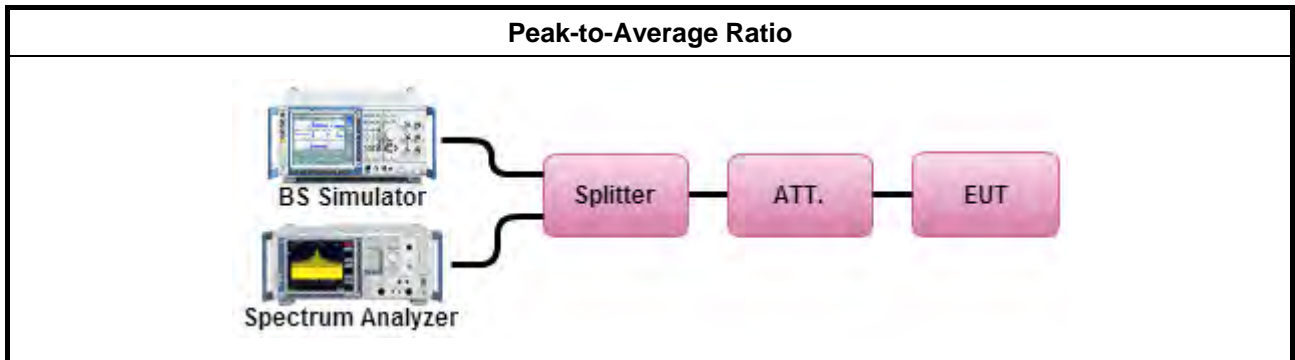
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Peak-to-Average Ratio

Refer as Appendix B



3.3 Occupied Bandwidth Measurement

3.3.1 Description of Occupied Bandwidth Measurement

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

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

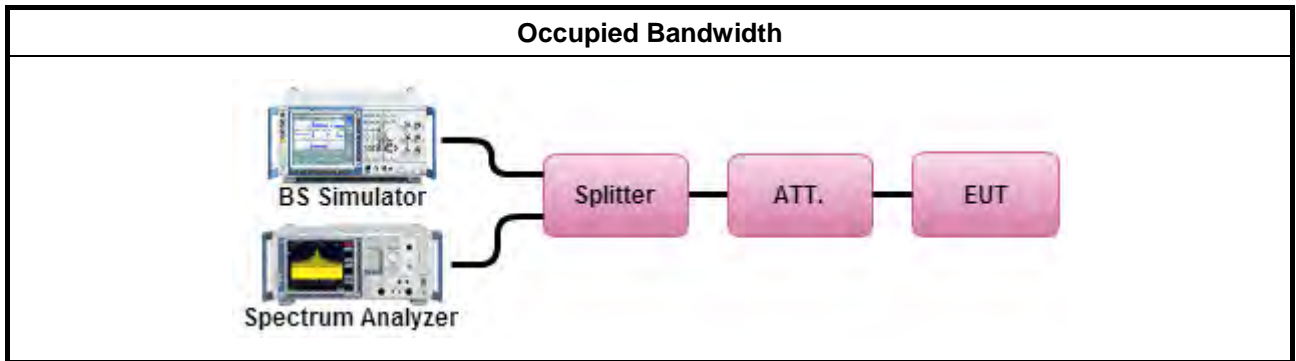
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Occupied Bandwidth

Refer as Appendix C



3.4 Conducted Band Edge Measurement

3.4.1 Description of Conducted Band Edge Measurement

Conducted Band Edge	
<input checked="" type="checkbox"/> Band 5	43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
<input checked="" type="checkbox"/> Band 2	43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
<input checked="" type="checkbox"/> Band 4	43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
<input checked="" type="checkbox"/> Band 12	43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
<input checked="" type="checkbox"/> Band 13	43 + 10log ₁₀ (P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.

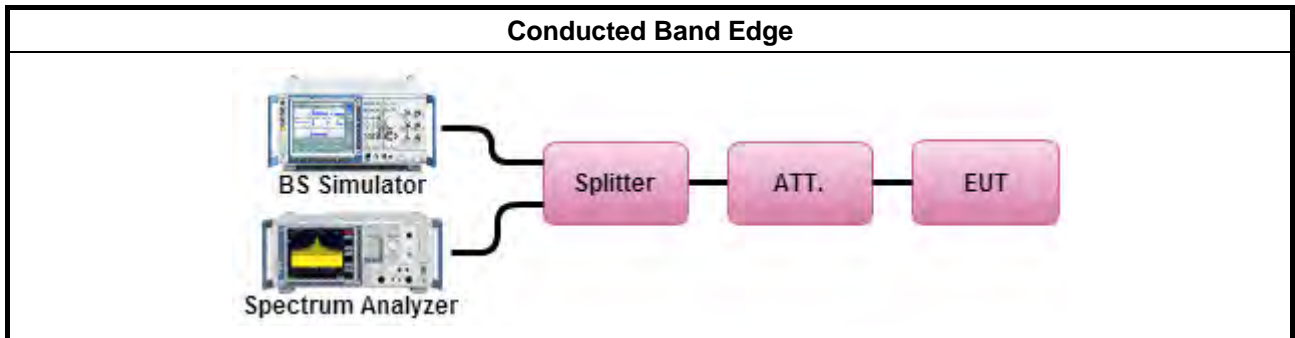
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edge

Refer as Appendix D

3.5 Conducted Spurious Emission Measurement

3.5.1 Description of Conducted Spurious Emission Measurement

Conducted Band Edge	
<input checked="" type="checkbox"/> Band 5	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.
<input checked="" type="checkbox"/> Band 2	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.
<input checked="" type="checkbox"/> Band 4	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.
<input checked="" type="checkbox"/> Band 12	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.
<input checked="" type="checkbox"/> Band 13	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

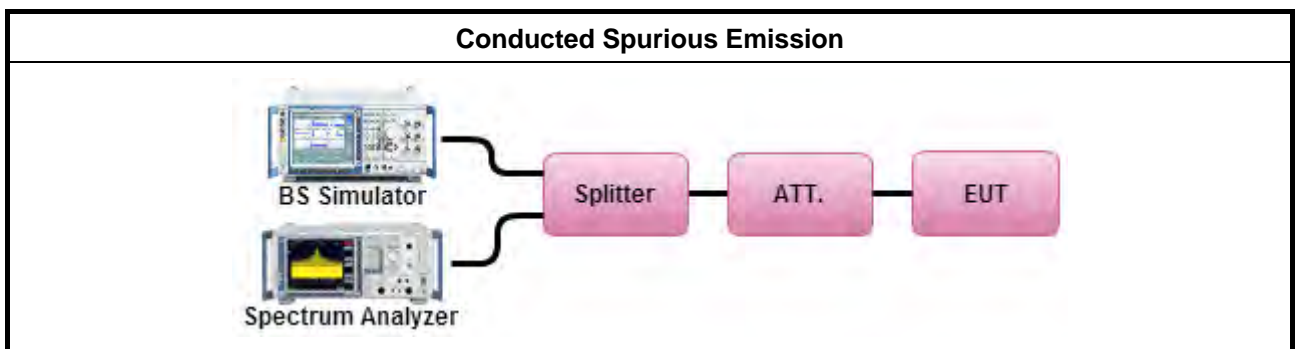
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.5.4 Test Setup





3.5.5 Test Result of Conducted Spurious Emission

Refer as Appendix D



3.6 Radiated Spurious Emission Measurement

3.6.1 Description of Radiated Spurious Emission Measurement

Radiated Spurious Emission	
The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.	
<input checked="" type="checkbox"/> Band 12	Emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.
<input checked="" type="checkbox"/> Band 13	

3.6.2 Measuring Instruments

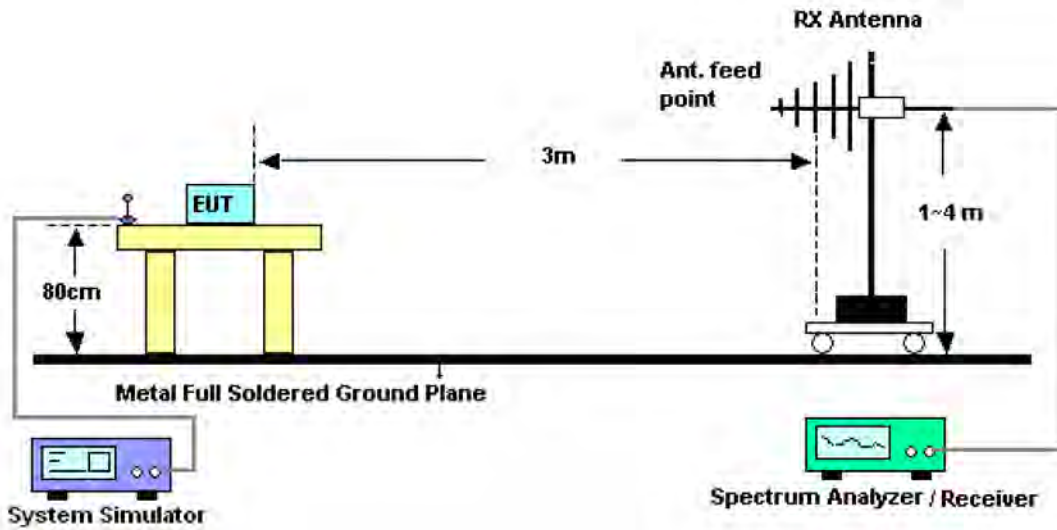
The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

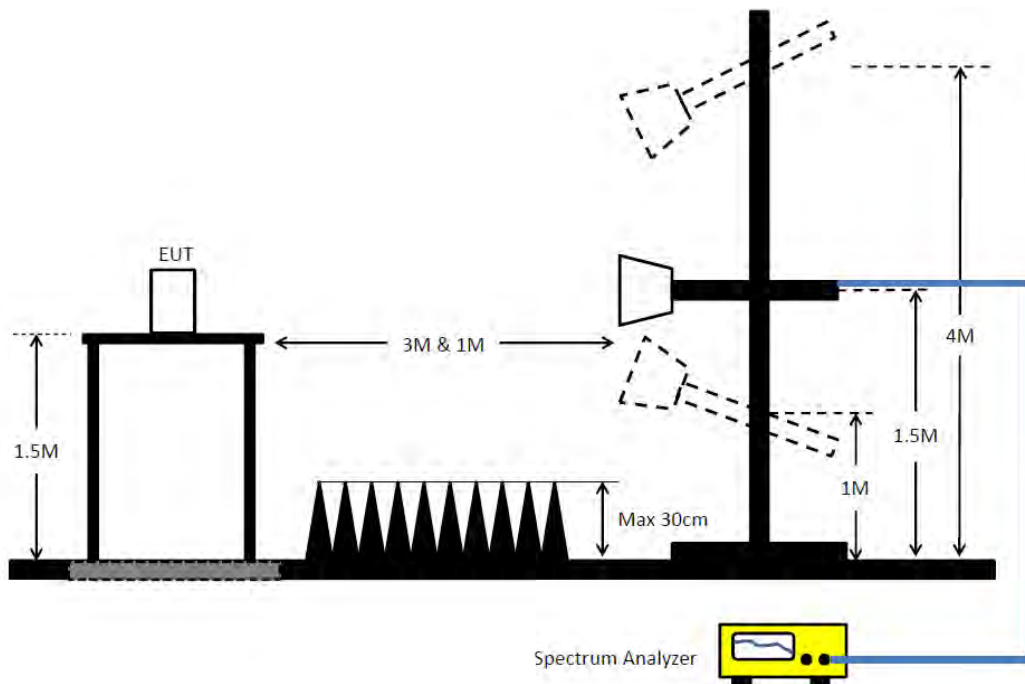
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.6.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.6.5 Test Result of Radiated Spurious Emission (Below 1GHz)

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.6 Test Result of Radiated Spurious Emission (Above 1GHz)

Refer as Appendix E



3.7 Frequency Stability Measurement

3.7.1 Description of Frequency Stability Measurement

Frequency Stability	
<input checked="" type="checkbox"/> Band 5	Base Station: ± 1.5 ppm Mobile Station: ± 2.5 ppm
<input checked="" type="checkbox"/> Band 2	Within Authorized Band
<input checked="" type="checkbox"/> Band 4	Within Authorized Band
<input checked="" type="checkbox"/> Band 12	Within Authorized Band
<input checked="" type="checkbox"/> Band 13	Within Authorized Band

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

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

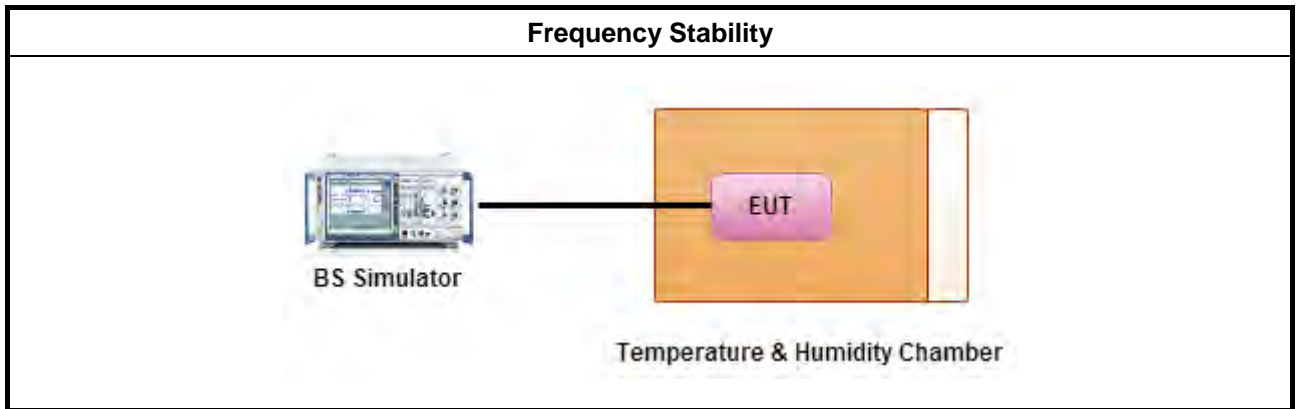
3.7.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in -30°C steps up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85 to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.7.5 Test Setup



3.7.6 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Bilog Antenna	TESEQ	CBL6112D	37878	20MHz ~ 2GHz	Aug. 04, 2018	Aug. 03, 2019	Radiation (03CH06-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 20, 2018	Jul. 19, 2019	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 07, 2018	Jun. 06, 2019	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	May 07, 2019	May 06, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 08, 2019	May 07, 2020	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	Radiation (03CH06-CB)
RF Cable	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH06-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH06-CB)
Spectrum analyzer	Keysight	N9020A	MY55400138	10 Hz up to 26.5GHz	Dec. 18, 2018	Dec. 17, 2019	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 01, 2018	May 31, 2019	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 30, 2019	May 29, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1 GHz ~26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
MW Analog Signal Generator	Keysight	N5183A	MY50142965	100kHz~20GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Vector Signal Generator	Keysight	N5182B	MY53052408	9kHz~6GHz	Jan. 04, 2019	Jan. 03, 2020	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.



<Mode 1> EUT 2 + WCDMA Band 2 Link

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
WCDMA_5MHz_Nss1_1TX	22.90	0.195	31.20	1.318



Average Power Results

Appendix A.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.14	22.14	0.164	30.44	1.107	2
1880MHz	Pass	8.30	22.90	22.90	0.195	31.20	1.318	2
1907.6MHz	Pass	8.30	22.73	22.73	0.187	31.03	1.268	2
Band 2_HSDPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.12	22.12	0.163	30.42	1.102	2
1880MHz	Pass	8.30	22.83	22.83	0.192	31.13	1.297	2
1907.6MHz	Pass	8.30	22.68	22.68	0.185	30.98	1.253	2
Band 2_HSDPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.14	22.14	0.164	30.44	1.107	2
1880MHz	Pass	8.30	22.81	22.81	0.191	31.11	1.291	2
1907.6MHz	Pass	8.30	22.65	22.65	0.184	30.95	1.245	2
Band 2_HSDPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.09	22.09	0.162	30.39	1.094	2
1880MHz	Pass	8.30	22.86	22.86	0.193	31.16	1.306	2
1907.6MHz	Pass	8.30	22.72	22.72	0.187	31.02	1.265	2
Band 2_HSDPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.11	22.11	0.163	30.41	1.099	2
1880MHz	Pass	8.30	22.81	22.81	0.191	31.11	1.291	2
1907.6MHz	Pass	8.30	22.65	22.65	0.184	30.95	1.245	2
Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.08	22.08	0.161	30.38	1.091	2
1880MHz	Pass	8.30	22.80	22.80	0.191	31.10	1.288	2
1907.6MHz	Pass	8.30	22.62	22.62	0.183	30.92	1.236	2
Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.04	22.04	0.160	30.34	1.081	2
1880MHz	Pass	8.30	22.81	22.81	0.191	31.11	1.291	2
1907.6MHz	Pass	8.30	22.69	22.69	0.186	30.99	1.256	2
Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.01	22.01	0.159	30.31	1.074	2
1880MHz	Pass	8.30	22.89	22.89	0.195	31.19	1.315	2
1907.6MHz	Pass	8.30	22.67	22.67	0.185	30.97	1.250	2
Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.13	22.13	0.163	30.43	1.104	2
1880MHz	Pass	8.30	22.83	22.83	0.192	31.13	1.297	2
1907.6MHz	Pass	8.30	22.73	22.73	0.187	31.03	1.268	2
Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX	-	-	-	-	-	-	-	-
1852.4MHz	Pass	8.30	22.08	22.08	0.161	30.38	1.091	2
1880MHz	Pass	8.30	22.85	22.85	0.193	31.15	1.303	2
1907.6MHz	Pass	8.30	22.68	22.68	0.185	30.98	1.253	2

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



<Mode 2> EUT 2 + WCDMA Band 4 Link

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 4	-	-	-	-
WCDMA_5MHz_Nss1_1TX	24.05	0.254	29.25	0.841



Average Power Results

Appendix A.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
Band 4_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.05	24.05	0.254	29.25	0.841	1
1732.6MHz	Pass	5.20	23.55	23.55	0.226	28.75	0.750	1
1752.6MHz	Pass	5.20	22.74	22.74	0.188	27.94	0.622	1
Band 4_HSDPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.05	24.02	0.252	29.22	0.836	1
1732.6MHz	Pass	5.20	23.45	23.49	0.223	28.69	0.740	1
1752.6MHz	Pass	5.20	22.66	22.63	0.183	27.83	0.607	1
Band 4_HSDPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.02	23.95	0.248	29.15	0.822	1
1732.6MHz	Pass	5.20	23.54	23.55	0.226	28.75	0.750	1
1752.6MHz	Pass	5.20	22.72	22.67	0.185	27.87	0.612	1
Band 4_HSDPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	23.94	24.01	0.252	29.21	0.834	1
1732.6MHz	Pass	5.20	23.49	23.45	0.221	28.65	0.733	1
1752.6MHz	Pass	5.20	22.64	22.68	0.185	27.88	0.614	1
Band 4_HSDPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	23.97	24.05	0.254	29.25	0.841	1
1732.6MHz	Pass	5.20	23.46	23.49	0.223	28.69	0.740	1
1752.6MHz	Pass	5.20	22.65	22.65	0.184	27.85	0.610	1
Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	23.98	24.00	0.251	29.20	0.832	1
1732.6MHz	Pass	5.20	23.49	23.52	0.225	28.72	0.745	1
1752.6MHz	Pass	5.20	22.74	22.65	0.184	27.85	0.610	1
Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.01	23.98	0.250	29.18	0.828	1
1732.6MHz	Pass	5.20	23.48	23.51	0.224	28.71	0.743	1
1752.6MHz	Pass	5.20	22.64	22.68	0.185	27.88	0.614	1
Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	23.97	23.99	0.251	29.19	0.830	1
1732.6MHz	Pass	5.20	23.49	23.53	0.225	28.73	0.746	1
1752.6MHz	Pass	5.20	22.64	22.64	0.184	27.84	0.608	1
Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.02	23.94	0.248	29.14	0.820	1
1732.6MHz	Pass	5.20	23.48	23.48	0.223	28.68	0.738	1
1752.6MHz	Pass	5.20	22.65	22.71	0.187	27.91	0.618	1
Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX	-	-	-	-	-	-	-	-
1712.4MHz	Pass	5.20	24.03	23.98	0.250	29.18	0.828	1
1732.6MHz	Pass	5.20	23.48	23.52	0.225	28.72	0.745	1
1752.6MHz	Pass	5.20	22.63	22.73	0.187	27.93	0.621	1

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



<Mode 3> EUT 2 + WCDMA Band 5 Link

Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 5	-	-	-	-
WCDMA_5MHz_Nss1_1TX	23.28	0.213	25.03	0.318



Average Power Results

Appendix A.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
Band 5_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	23.28	23.28	0.213	25.03	0.318	7
836.6MHz	Pass	3.90	23.21	23.21	0.209	24.96	0.313	7
846.6MHz	Pass	3.90	22.84	22.84	0.192	24.59	0.288	7
Band 5_HSDPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	23.28	23.28	0.213	25.03	0.318	7
836.6MHz	Pass	3.90	23.21	23.21	0.209	24.96	0.313	7
846.6MHz	Pass	3.90	22.84	22.84	0.192	24.59	0.288	7
Band 5_HSDPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	23.20	23.20	0.209	24.95	0.313	7
836.6MHz	Pass	3.90	22.61	22.61	0.182	24.36	0.273	7
846.6MHz	Pass	3.90	22.57	22.57	0.181	24.32	0.270	7
Band 5_HSDPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.66	22.66	0.185	24.41	0.276	7
836.6MHz	Pass	3.90	22.84	22.84	0.192	24.59	0.288	7
846.6MHz	Pass	3.90	22.81	22.81	0.191	24.56	0.286	7
Band 5_HSDPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.76	22.76	0.189	24.51	0.282	7
836.6MHz	Pass	3.90	22.70	22.70	0.186	24.45	0.279	7
846.6MHz	Pass	3.90	22.74	22.74	0.188	24.49	0.281	7
Band 5_HSUPA_5MHz_Nss1,Subtest 1_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.56	22.56	0.180	24.31	0.270	7
836.6MHz	Pass	3.90	22.54	22.54	0.179	24.29	0.269	7
846.6MHz	Pass	3.90	22.70	22.70	0.186	24.45	0.279	7
Band 5_HSUPA_5MHz_Nss1,Subtest 2_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.84	22.84	0.192	24.59	0.288	7
836.6MHz	Pass	3.90	22.75	22.75	0.188	24.5	0.282	7
846.6MHz	Pass	3.90	22.53	22.53	0.179	24.28	0.268	7
Band 5_HSUPA_5MHz_Nss1,Subtest 3_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.77	22.77	0.189	24.52	0.283	7
836.6MHz	Pass	3.90	22.82	22.82	0.191	24.57	0.286	7
846.6MHz	Pass	3.90	22.80	22.80	0.191	24.55	0.285	7
Band 5_HSUPA_5MHz_Nss1,Subtest 4_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.82	22.82	0.191	24.57	0.286	7
836.6MHz	Pass	3.90	22.51	22.51	0.178	24.26	0.267	7
846.6MHz	Pass	3.90	22.66	22.66	0.185	24.41	0.276	7
Band 5_HSUPA_5MHz_Nss1,Subtest 5_1TX	-	-	-	-	-	-	-	-
826.4MHz	Pass	3.90	22.83	22.83	0.192	24.58	0.287	7
836.6MHz	Pass	3.90	22.51	22.51	0.178	24.26	0.267	7
846.6MHz	Pass	3.90	22.76	22.76	0.189	24.51	0.282	7

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



<Mode 4> EUT 2 + LTE Band 2 Link

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 2	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	21.81	0.152	30.11	1.02565
LTE_1.4MHz_Nss1,16QAM_1TX	21.00	0.126	29.30	0.85114
LTE_3MHz_Nss1,QPSK_1TX	21.47	0.140	29.77	0.94842
LTE_3MHz_Nss1,16QAM_1TX	20.80	0.120	29.10	0.81283
LTE_5MHz_Nss1,QPSK_1TX	22.26	0.168	30.56	1.13763
LTE_5MHz_Nss1,16QAM_1TX	21.51	0.142	29.81	0.95719
LTE_10MHz_Nss1,QPSK_1TX	22.42	0.175	30.72	1.18032
LTE_10MHz_Nss1,16QAM_1TX	21.54	0.143	29.84	0.96383
LTE_15MHz_Nss1,QPSK_1TX	22.68	0.185	30.98	1.25314
LTE_15MHz_Nss1,16QAM_1TX	21.87	0.154	30.17	1.03992
LTE_20MHz_Nss1,QPSK_1TX	22.90	0.195	31.20	1.31826
LTE_20MHz_Nss1,16QAM_1TX	22.17	0.165	30.47	1.11429



Average Power Results

Appendix A.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
Band 2_LTE_1.4MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	8.30	19.85	0.097	19.85	28.15	0.65313	2
1850.7MHz_RB 1,#RB L	Pass	8.30	21.10	0.129	21.10	29.40	0.87096	2
1850.7MHz_RB 1,#RB M	Pass	8.30	20.99	0.126	20.99	29.29	0.84918	2
1850.7MHz_RB 1,#RB H	Pass	8.30	21.10	0.129	21.10	29.40	0.87096	2
1850.7MHz_RB 3,#RB L	Pass	8.30	20.82	0.121	20.82	29.12	0.81658	2
1850.7MHz_RB 3,#RB M	Pass	8.30	21.00	0.126	21.00	29.30	0.85114	2
1850.7MHz_RB 3,#RB H	Pass	8.30	20.78	0.120	20.78	29.08	0.80910	2
1880MHz_RB 6,#RB 0	Pass	8.30	20.48	0.112	20.48	28.78	0.75509	2
1880MHz_RB 1,#RB L	Pass	8.30	21.81	0.152	21.81	30.11	1.02565	2
1880MHz_RB 1,#RB M	Pass	8.30	21.77	0.150	21.77	30.07	1.01625	2
1880MHz_RB 1,#RB H	Pass	8.30	21.75	0.150	21.75	30.05	1.01158	2
1880MHz_RB 3,#RB L	Pass	8.30	21.55	0.143	21.55	29.85	0.96605	2
1880MHz_RB 3,#RB M	Pass	8.30	21.64	0.146	21.64	29.94	0.98628	2
1880MHz_RB 3,#RB H	Pass	8.30	21.49	0.141	21.49	29.79	0.95280	2
1909.3MHz_RB 6,#RB 0	Pass	8.30	20.44	0.111	20.44	28.74	0.74817	2
1909.3MHz_RB 1,#RB L	Pass	8.30	21.71	0.148	21.71	30.01	1.00231	2
1909.3MHz_RB 1,#RB M	Pass	8.30	21.52	0.142	21.52	29.82	0.95940	2
1909.3MHz_RB 1,#RB H	Pass	8.30	21.66	0.147	21.66	29.96	0.99083	2
1909.3MHz_RB 3,#RB L	Pass	8.30	21.46	0.140	21.46	29.76	0.94624	2
1909.3MHz_RB 3,#RB M	Pass	8.30	21.55	0.143	21.55	29.85	0.96605	2
1909.3MHz_RB 3,#RB H	Pass	8.30	21.45	0.140	21.45	29.75	0.94406	2
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	8.30	18.93	0.078	18.93	27.23	0.52845	2
1850.7MHz_RB 1,#RB L	Pass	8.30	20.35	0.108	20.35	28.65	0.73282	2
1850.7MHz_RB 1,#RB M	Pass	8.30	20.29	0.107	20.29	28.59	0.72277	2
1850.7MHz_RB 1,#RB H	Pass	8.30	20.25	0.106	20.25	28.55	0.71614	2
1850.7MHz_RB 3,#RB L	Pass	8.30	19.99	0.100	19.99	28.29	0.67453	2
1850.7MHz_RB 3,#RB M	Pass	8.30	20.01	0.100	20.01	28.31	0.67764	2
1850.7MHz_RB 3,#RB H	Pass	8.30	20.03	0.101	20.03	28.33	0.68077	2
1880MHz_RB 6,#RB 0	Pass	8.30	19.58	0.091	19.58	27.88	0.61376	2
1880MHz_RB 1,#RB L	Pass	8.30	20.90	0.123	20.90	29.20	0.83176	2
1880MHz_RB 1,#RB M	Pass	8.30	20.90	0.123	20.90	29.20	0.83176	2
1880MHz_RB 1,#RB H	Pass	8.30	20.91	0.123	20.91	29.21	0.83368	2
1880MHz_RB 3,#RB L	Pass	8.30	20.56	0.114	20.56	28.86	0.76913	2
1880MHz_RB 3,#RB M	Pass	8.30	20.57	0.114	20.57	28.87	0.77090	2
1880MHz_RB 3,#RB H	Pass	8.30	20.51	0.112	20.51	28.81	0.76033	2
1909.3MHz_RB 6,#RB 0	Pass	8.30	19.58	0.091	19.58	27.88	0.61376	2
1909.3MHz_RB 1,#RB L	Pass	8.30	21.00	0.126	21.00	29.30	0.85114	2
1909.3MHz_RB 1,#RB M	Pass	8.30	20.99	0.126	20.99	29.29	0.84918	2
1909.3MHz_RB 1,#RB H	Pass	8.30	20.81	0.121	20.81	29.11	0.81470	2
1909.3MHz_RB 3,#RB L	Pass	8.30	20.67	0.117	20.67	28.97	0.78886	2
1909.3MHz_RB 3,#RB M	Pass	8.30	20.67	0.117	20.67	28.97	0.78886	2
1909.3MHz_RB 3,#RB H	Pass	8.30	20.59	0.115	20.59	28.89	0.77446	2
Band 2_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	8.30	19.72	0.094	19.72	28.02	0.63387	2
1851.5MHz_RB 1,#RB L	Pass	8.30	20.87	0.122	20.87	29.17	0.82604	2
1851.5MHz_RB 1,#RB M	Pass	8.30	20.84	0.121	20.84	29.14	0.82035	2



Average Power Results

Appendix A.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1851.5MHz_RB 1,#RB H	Pass	8.30	20.74	0.119	20.74	29.04	0.80168	2
1851.5MHz_RB 8,#RB L	Pass	8.30	19.80	0.095	19.80	28.10	0.64565	2
1851.5MHz_RB 8,#RB M	Pass	8.30	19.78	0.095	19.78	28.08	0.64269	2
1851.5MHz_RB 8,#RB H	Pass	8.30	19.71	0.094	19.71	28.01	0.63241	2
1880MHz_RB 15,#RB 0	Pass	8.30	20.31	0.107	20.31	28.61	0.72611	2
1880MHz_RB 1,#RB L	Pass	8.30	21.46	0.140	21.46	29.76	0.94624	2
1880MHz_RB 1,#RB M	Pass	8.30	21.43	0.139	21.43	29.73	0.93972	2
1880MHz_RB 1,#RB H	Pass	8.30	21.47	0.140	21.47	29.77	0.94842	2
1880MHz_RB 8,#RB L	Pass	8.30	20.31	0.107	20.31	28.61	0.72611	2
1880MHz_RB 8,#RB M	Pass	8.30	20.42	0.110	20.42	28.72	0.74473	2
1880MHz_RB 8,#RB H	Pass	8.30	20.31	0.107	20.31	28.61	0.72611	2
1908.5MHz_RB 15,#RB 0	Pass	8.30	20.32	0.108	20.32	28.62	0.72778	2
1908.5MHz_RB 1,#RB L	Pass	8.30	21.32	0.136	21.32	29.62	0.91622	2
1908.5MHz_RB 1,#RB M	Pass	8.30	21.32	0.136	21.32	29.62	0.91622	2
1908.5MHz_RB 1,#RB H	Pass	8.30	21.38	0.137	21.38	29.68	0.92897	2
1908.5MHz_RB 8,#RB L	Pass	8.30	20.28	0.107	20.28	28.58	0.72111	2
1908.5MHz_RB 8,#RB M	Pass	8.30	20.38	0.109	20.38	28.68	0.73790	2
1908.5MHz_RB 8,#RB H	Pass	8.30	20.35	0.108	20.35	28.65	0.73282	2
Band 2_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	8.30	18.75	0.075	18.75	27.05	0.50699	2
1851.5MHz_RB 1,#RB L	Pass	8.30	20.07	0.102	20.07	28.37	0.68707	2
1851.5MHz_RB 1,#RB M	Pass	8.30	19.98	0.100	19.98	28.28	0.67298	2
1851.5MHz_RB 1,#RB H	Pass	8.30	19.94	0.099	19.94	28.24	0.66681	2
1851.5MHz_RB 8,#RB L	Pass	8.30	18.80	0.076	18.80	27.10	0.51286	2
1851.5MHz_RB 8,#RB M	Pass	8.30	18.78	0.076	18.78	27.08	0.51050	2
1851.5MHz_RB 8,#RB H	Pass	8.30	18.73	0.075	18.73	27.03	0.50466	2
1880MHz_RB 15,#RB 0	Pass	8.30	19.35	0.086	19.35	27.65	0.58210	2
1880MHz_RB 1,#RB L	Pass	8.30	20.60	0.115	20.60	28.90	0.77625	2
1880MHz_RB 1,#RB M	Pass	8.30	20.68	0.117	20.68	28.98	0.79068	2
1880MHz_RB 1,#RB H	Pass	8.30	20.80	0.120	20.80	29.10	0.81283	2
1880MHz_RB 8,#RB L	Pass	8.30	19.41	0.087	19.41	27.71	0.59020	2
1880MHz_RB 8,#RB M	Pass	8.30	19.46	0.088	19.46	27.76	0.59704	2
1880MHz_RB 8,#RB H	Pass	8.30	19.36	0.086	19.36	27.66	0.58345	2
1908.5MHz_RB 15,#RB 0	Pass	8.30	19.30	0.085	19.30	27.60	0.57544	2
1908.5MHz_RB 1,#RB L	Pass	8.30	20.56	0.114	20.56	28.86	0.76913	2
1908.5MHz_RB 1,#RB M	Pass	8.30	20.63	0.116	20.63	28.93	0.78163	2
1908.5MHz_RB 1,#RB H	Pass	8.30	20.56	0.114	20.56	28.86	0.76913	2
1908.5MHz_RB 8,#RB L	Pass	8.30	19.36	0.086	19.36	27.66	0.58345	2
1908.5MHz_RB 8,#RB M	Pass	8.30	19.40	0.087	19.40	27.70	0.58884	2
1908.5MHz_RB 8,#RB H	Pass	8.30	19.43	0.088	19.43	27.73	0.59293	2
Band 2_LTE_5MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	8.30	19.86	0.097	19.86	28.16	0.65464	2
1852.5MHz_RB 1,#RB L	Pass	8.30	21.11	0.129	21.11	29.41	0.87297	2
1852.5MHz_RB 1,#RB M	Pass	8.30	21.07	0.128	21.07	29.37	0.86497	2
1852.5MHz_RB 1,#RB H	Pass	8.30	20.96	0.125	20.96	29.26	0.84333	2
1852.5MHz_RB 12,#RB L	Pass	8.30	19.90	0.098	19.90	28.20	0.66069	2
1852.5MHz_RB 12,#RB M	Pass	8.30	19.91	0.098	19.91	28.21	0.66222	2
1852.5MHz_RB 12,#RB H	Pass	8.30	19.80	0.095	19.80	28.10	0.64565	2
1880MHz_RB 25,#RB 0	Pass	8.30	20.48	0.112	20.48	28.78	0.75509	2



Average Power Results

Appendix A.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1880MHz_RB 1,#RB L	Pass	8.30	21.66	0.147	21.66	29.96	0.99083	2
1880MHz_RB 1,#RB M	Pass	8.30	21.65	0.146	21.65	29.95	0.98855	2
1880MHz_RB 1,#RB H	Pass	8.30	21.55	0.143	21.55	29.85	0.96605	2
1880MHz_RB 12,#RB L	Pass	8.30	20.57	0.114	20.57	28.87	0.77090	2
1880MHz_RB 12,#RB M	Pass	8.30	20.51	0.112	20.51	28.81	0.76033	2
1880MHz_RB 12,#RB H	Pass	8.30	20.44	0.111	20.44	28.74	0.74817	2
1907.5MHz_RB 25,#RB 0	Pass	8.30	20.93	0.124	20.93	29.23	0.83753	2
1907.5MHz_RB 1,#RB L	Pass	8.30	22.26	0.168	22.26	30.56	1.13763	2
1907.5MHz_RB 1,#RB M	Pass	8.30	21.57	0.144	21.57	29.87	0.97051	2
1907.5MHz_RB 1,#RB H	Pass	8.30	21.52	0.142	21.52	29.82	0.95940	2
1907.5MHz_RB 12,#RB L	Pass	8.30	21.01	0.126	21.01	29.31	0.85310	2
1907.5MHz_RB 12,#RB M	Pass	8.30	20.52	0.113	20.52	28.82	0.76208	2
1907.5MHz_RB 12,#RB H	Pass	8.30	20.40	0.110	20.40	28.70	0.74131	2
Band 2_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	8.30	18.88	0.077	18.88	27.18	0.52240	2
1852.5MHz_RB 1,#RB L	Pass	8.30	20.37	0.109	20.37	28.67	0.73621	2
1852.5MHz_RB 1,#RB M	Pass	8.30	20.24	0.106	20.24	28.54	0.71450	2
1852.5MHz_RB 1,#RB H	Pass	8.30	20.13	0.103	20.13	28.43	0.69663	2
1852.5MHz_RB 12,#RB L	Pass	8.30	18.88	0.077	18.88	27.18	0.52240	2
1852.5MHz_RB 12,#RB M	Pass	8.30	18.83	0.076	18.83	27.13	0.51642	2
1852.5MHz_RB 12,#RB H	Pass	8.30	18.82	0.076	18.82	27.12	0.51523	2
1880MHz_RB 25,#RB 0	Pass	8.30	19.47	0.089	19.47	27.77	0.59841	2
1880MHz_RB 1,#RB L	Pass	8.30	20.93	0.124	20.93	29.23	0.83753	2
1880MHz_RB 1,#RB M	Pass	8.30	20.84	0.121	20.84	29.14	0.82035	2
1880MHz_RB 1,#RB H	Pass	8.30	20.89	0.123	20.89	29.19	0.82985	2
1880MHz_RB 12,#RB L	Pass	8.30	19.61	0.091	19.61	27.91	0.61802	2
1880MHz_RB 12,#RB M	Pass	8.30	19.54	0.090	19.54	27.84	0.60814	2
1880MHz_RB 12,#RB H	Pass	8.30	19.48	0.089	19.48	27.78	0.59979	2
1907.5MHz_RB 25,#RB 0	Pass	8.30	19.93	0.098	19.93	28.23	0.66527	2
1907.5MHz_RB 1,#RB L	Pass	8.30	21.51	0.142	21.51	29.81	0.95719	2
1907.5MHz_RB 1,#RB M	Pass	8.30	20.91	0.123	20.91	29.21	0.83368	2
1907.5MHz_RB 1,#RB H	Pass	8.30	20.81	0.121	20.81	29.11	0.81470	2
1907.5MHz_RB 12,#RB L	Pass	8.30	20.09	0.102	20.09	28.39	0.69024	2
1907.5MHz_RB 12,#RB M	Pass	8.30	19.52	0.090	19.52	27.82	0.60534	2
1907.5MHz_RB 12,#RB H	Pass	8.30	19.46	0.088	19.46	27.76	0.59704	2
Band 2_LTE_10MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	8.30	20.07	0.102	20.07	28.37	0.68707	2
1855MHz_RB 1,#RB L	Pass	8.30	21.47	0.140	21.47	29.77	0.94842	2
1855MHz_RB 1,#RB M	Pass	8.30	21.14	0.130	21.14	29.44	0.87902	2
1855MHz_RB 1,#RB H	Pass	8.30	21.39	0.138	21.39	29.69	0.93111	2
1855MHz_RB 25,#RB L	Pass	8.30	20.08	0.102	20.08	28.38	0.68865	2
1855MHz_RB 25,#RB M	Pass	8.30	20.06	0.101	20.06	28.36	0.68549	2
1855MHz_RB 25,#RB H	Pass	8.30	20.05	0.101	20.05	28.35	0.68391	2
1880MHz_RB 50,#RB 0	Pass	8.30	20.56	0.114	20.56	28.86	0.76913	2
1880MHz_RB 1,#RB L	Pass	8.30	21.99	0.158	21.99	30.29	1.06905	2
1880MHz_RB 1,#RB M	Pass	8.30	21.64	0.146	21.64	29.94	0.98628	2
1880MHz_RB 1,#RB H	Pass	8.30	21.63	0.146	21.63	29.93	0.98401	2
1880MHz_RB 25,#RB L	Pass	8.30	20.59	0.115	20.59	28.89	0.77446	2
1880MHz_RB 25,#RB M	Pass	8.30	20.51	0.112	20.51	28.81	0.76033	2



Average Power Results

Appendix A.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1880MHz_RB 25,#RB H	Pass	8.30	20.44	0.111	20.44	28.74	0.74817	2
1905MHz_RB 50,#RB 0	Pass	8.30	21.06	0.128	21.06	29.36	0.86298	2
1905MHz_RB 1,#RB L	Pass	8.30	22.42	0.175	22.42	30.72	1.18032	2
1905MHz_RB 1,#RB M	Pass	8.30	22.05	0.160	22.05	30.35	1.08393	2
1905MHz_RB 1,#RB H	Pass	8.30	21.49	0.141	21.49	29.79	0.95280	2
1905MHz_RB 25,#RB L	Pass	8.30	21.03	0.127	21.03	29.33	0.85704	2
1905MHz_RB 25,#RB M	Pass	8.30	21.07	0.128	21.07	29.37	0.86497	2
1905MHz_RB 25,#RB H	Pass	8.30	20.88	0.122	20.88	29.18	0.82794	2
Band 2_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	8.30	19.03	0.080	19.03	27.33	0.54075	2
1855MHz_RB 1,#RB L	Pass	8.30	20.68	0.117	20.68	28.98	0.79068	2
1855MHz_RB 1,#RB M	Pass	8.30	20.28	0.107	20.28	28.58	0.72111	2
1855MHz_RB 1,#RB H	Pass	8.30	20.47	0.111	20.47	28.77	0.75336	2
1855MHz_RB 25,#RB L	Pass	8.30	19.07	0.081	19.07	27.37	0.54576	2
1855MHz_RB 25,#RB M	Pass	8.30	19.06	0.081	19.06	27.36	0.54450	2
1855MHz_RB 25,#RB H	Pass	8.30	19.00	0.079	19.00	27.30	0.53703	2
1880MHz_RB 50,#RB 0	Pass	8.30	19.51	0.089	19.51	27.81	0.60395	2
1880MHz_RB 1,#RB L	Pass	8.30	21.16	0.131	21.16	29.46	0.88308	2
1880MHz_RB 1,#RB M	Pass	8.30	20.89	0.123	20.89	29.19	0.82985	2
1880MHz_RB 1,#RB H	Pass	8.30	20.93	0.124	20.93	29.23	0.83753	2
1880MHz_RB 25,#RB L	Pass	8.30	19.63	0.092	19.63	27.93	0.62087	2
1880MHz_RB 25,#RB M	Pass	8.30	19.47	0.089	19.47	27.77	0.59841	2
1880MHz_RB 25,#RB H	Pass	8.30	19.46	0.088	19.46	27.76	0.59704	2
1905MHz_RB 50,#RB 0	Pass	8.30	20.01	0.100	20.01	28.31	0.67764	2
1905MHz_RB 1,#RB L	Pass	8.30	21.54	0.143	21.54	29.84	0.96383	2
1905MHz_RB 1,#RB M	Pass	8.30	21.39	0.138	21.39	29.69	0.93111	2
1905MHz_RB 1,#RB H	Pass	8.30	20.76	0.119	20.76	29.06	0.80538	2
1905MHz_RB 25,#RB L	Pass	8.30	19.99	0.100	19.99	28.29	0.67453	2
1905MHz_RB 25,#RB M	Pass	8.30	20.03	0.101	20.03	28.33	0.68077	2
1905MHz_RB 25,#RB H	Pass	8.30	19.87	0.097	19.87	28.17	0.65615	2
Band 2_LTE_15MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	8.30	20.32	0.108	20.32	28.62	0.72778	2
1857.5MHz_RB 1,#RB L	Pass	8.30	21.92	0.156	21.92	30.22	1.05196	2
1857.5MHz_RB 1,#RB M	Pass	8.30	21.46	0.140	21.46	29.76	0.94624	2
1857.5MHz_RB 1,#RB H	Pass	8.30	21.63	0.146	21.63	29.93	0.98401	2
1857.5MHz_RB 36,#RB L	Pass	8.30	20.51	0.112	20.51	28.81	0.76033	2
1857.5MHz_RB 36,#RB M	Pass	8.30	20.28	0.107	20.28	28.58	0.72111	2
1857.5MHz_RB 36,#RB H	Pass	8.30	20.31	0.107	20.31	28.61	0.72611	2
1880MHz_RB 75,#RB 0	Pass	8.30	20.77	0.119	20.77	29.07	0.80724	2
1880MHz_RB 1,#RB L	Pass	8.30	22.14	0.164	22.14	30.44	1.10662	2
1880MHz_RB 1,#RB M	Pass	8.30	21.71	0.148	21.71	30.01	1.00231	2
1880MHz_RB 1,#RB H	Pass	8.30	22.02	0.159	22.02	30.32	1.07647	2
1880MHz_RB 36,#RB L	Pass	8.30	20.82	0.121	20.82	29.12	0.81658	2
1880MHz_RB 36,#RB M	Pass	8.30	20.65	0.116	20.65	28.95	0.78524	2
1880MHz_RB 36,#RB H	Pass	8.30	20.75	0.119	20.75	29.05	0.80353	2
1902.5MHz_RB 75,#RB 0	Pass	8.30	21.15	0.130	21.15	29.45	0.88105	2
1902.5MHz_RB 1,#RB L	Pass	8.30	22.68	0.185	22.68	30.98	1.25314	2
1902.5MHz_RB 1,#RB M	Pass	8.30	22.16	0.164	22.16	30.46	1.11173	2
1902.5MHz_RB 1,#RB H	Pass	8.30	21.65	0.146	21.65	29.95	0.98855	2



Average Power Results

Appendix A.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1902.5MHz_RB 36,#RB L	Pass	8.30	21.27	0.134	21.27	29.57	0.90573	2
1902.5MHz_RB 36,#RB M	Pass	8.30	21.17	0.131	21.17	29.47	0.88512	2
1902.5MHz_RB 36,#RB H	Pass	8.30	21.14	0.130	21.14	29.44	0.87902	2
Band 2_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	8.30	19.42	0.087	19.42	27.72	0.59156	2
1857.5MHz_RB 1,#RB L	Pass	8.30	21.11	0.129	21.11	29.41	0.87297	2
1857.5MHz_RB 1,#RB M	Pass	8.30	20.51	0.112	20.51	28.81	0.76033	2
1857.5MHz_RB 1,#RB H	Pass	8.30	20.81	0.121	20.81	29.11	0.81470	2
1857.5MHz_RB 36,#RB L	Pass	8.30	19.53	0.090	19.53	27.83	0.60674	2
1857.5MHz_RB 36,#RB M	Pass	8.30	19.33	0.086	19.33	27.63	0.57943	2
1857.5MHz_RB 36,#RB H	Pass	8.30	19.34	0.086	19.34	27.64	0.58076	2
1880MHz_RB 75,#RB 0	Pass	8.30	19.82	0.096	19.82	28.12	0.64863	2
1880MHz_RB 1,#RB L	Pass	8.30	21.42	0.139	21.42	29.72	0.93756	2
1880MHz_RB 1,#RB M	Pass	8.30	20.81	0.121	20.81	29.11	0.81470	2
1880MHz_RB 1,#RB H	Pass	8.30	21.19	0.132	21.19	29.49	0.88920	2
1880MHz_RB 36,#RB L	Pass	8.30	19.84	0.096	19.84	28.14	0.65163	2
1880MHz_RB 36,#RB M	Pass	8.30	19.63	0.092	19.63	27.93	0.62087	2
1880MHz_RB 36,#RB H	Pass	8.30	19.72	0.094	19.72	28.02	0.63387	2
1902.5MHz_RB 75,#RB 0	Pass	8.30	20.15	0.104	20.15	28.45	0.69984	2
1902.5MHz_RB 1,#RB L	Pass	8.30	21.87	0.154	21.87	30.17	1.03992	2
1902.5MHz_RB 1,#RB M	Pass	8.30	21.31	0.135	21.31	29.61	0.91411	2
1902.5MHz_RB 1,#RB H	Pass	8.30	20.88	0.122	20.88	29.18	0.82794	2
1902.5MHz_RB 36,#RB L	Pass	8.30	20.22	0.105	20.22	28.52	0.71121	2
1902.5MHz_RB 36,#RB M	Pass	8.30	20.07	0.102	20.07	28.37	0.68707	2
1902.5MHz_RB 36,#RB H	Pass	8.30	20.04	0.101	20.04	28.34	0.68234	2
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	8.30	20.57	0.114	20.57	28.87	0.77090	2
1860MHz_RB 1,#RB L	Pass	8.30	22.04	0.160	22.04	30.34	1.08143	2
1860MHz_RB 1,#RB M	Pass	8.30	21.38	0.137	21.38	29.68	0.92897	2
1860MHz_RB 1,#RB H	Pass	8.30	21.66	0.147	21.66	29.96	0.99083	2
1860MHz_RB 50,#RB L	Pass	8.30	20.62	0.115	20.62	28.92	0.77983	2
1860MHz_RB 50,#RB M	Pass	8.30	20.42	0.110	20.42	28.72	0.74473	2
1860MHz_RB 50,#RB H	Pass	8.30	20.45	0.111	20.45	28.75	0.74989	2
1880MHz_RB 100,#RB 0	Pass	8.30	20.83	0.121	20.83	29.13	0.81846	2
1880MHz_RB 1,#RB L	Pass	8.30	22.27	0.169	22.27	30.57	1.14025	2
1880MHz_RB 1,#RB M	Pass	8.30	21.61	0.145	21.61	29.91	0.97949	2
1880MHz_RB 1,#RB H	Pass	8.30	21.99	0.158	21.99	30.29	1.06905	2
1880MHz_RB 50,#RB L	Pass	8.30	20.84	0.121	20.84	29.14	0.82035	2
1880MHz_RB 50,#RB M	Pass	8.30	20.69	0.117	20.69	28.99	0.79250	2
1880MHz_RB 50,#RB H	Pass	8.30	20.73	0.118	20.73	29.03	0.79983	2
1900MHz_RB 100,#RB 0	Pass	8.30	21.51	0.142	21.51	29.81	0.95719	2
1900MHz_RB 1,#RB L	Pass	8.30	22.90	0.195	22.90	31.20	1.31826	2
1900MHz_RB 1,#RB M	Pass	8.30	22.26	0.168	22.26	30.56	1.13763	2
1900MHz_RB 1,#RB H	Pass	8.30	21.98	0.158	21.98	30.28	1.06660	2
1900MHz_RB 50,#RB L	Pass	8.30	21.54	0.143	21.54	29.84	0.96383	2
1900MHz_RB 50,#RB M	Pass	8.30	21.31	0.135	21.31	29.61	0.91411	2
1900MHz_RB 50,#RB H	Pass	8.30	21.30	0.135	21.30	29.60	0.91201	2
Band 2_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	8.30	19.56	0.090	19.56	27.86	0.61094	2



Average Power Results

Appendix A.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (W)	Power (dBm)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1860MHz_RB 1,#RB L	Pass	8.30	21.31	0.135	21.31	29.61	0.91411	2
1860MHz_RB 1,#RB M	Pass	8.30	20.61	0.115	20.61	28.91	0.77804	2
1860MHz_RB 1,#RB H	Pass	8.30	20.88	0.122	20.88	29.18	0.82794	2
1860MHz_RB 50,#RB L	Pass	8.30	19.66	0.092	19.66	27.96	0.62517	2
1860MHz_RB 50,#RB M	Pass	8.30	19.43	0.088	19.43	27.73	0.59293	2
1860MHz_RB 50,#RB H	Pass	8.30	19.46	0.088	19.46	27.76	0.59704	2
1880MHz_RB 100,#RB 0	Pass	8.30	19.82	0.096	19.82	28.12	0.64863	2
1880MHz_RB 1,#RB L	Pass	8.30	21.52	0.142	21.52	29.82	0.95940	2
1880MHz_RB 1,#RB M	Pass	8.30	20.84	0.121	20.84	29.14	0.82035	2
1880MHz_RB 1,#RB H	Pass	8.30	21.22	0.132	21.22	29.52	0.89536	2
1880MHz_RB 50,#RB L	Pass	8.30	19.90	0.098	19.90	28.20	0.66069	2
1880MHz_RB 50,#RB M	Pass	8.30	19.71	0.094	19.71	28.01	0.63241	2
1880MHz_RB 50,#RB H	Pass	8.30	19.76	0.095	19.76	28.06	0.63973	2
1900MHz_RB 100,#RB 0	Pass	8.30	20.43	0.110	20.43	28.73	0.74645	2
1900MHz_RB 1,#RB L	Pass	8.30	22.17	0.165	22.17	30.47	1.11429	2
1900MHz_RB 1,#RB M	Pass	8.30	21.56	0.143	21.56	29.86	0.96828	2
1900MHz_RB 1,#RB H	Pass	8.30	21.19	0.132	21.19	29.49	0.88920	2
1900MHz_RB 50,#RB L	Pass	8.30	20.45	0.111	20.45	28.75	0.74989	2
1900MHz_RB 50,#RB M	Pass	8.30	20.21	0.105	20.21	28.51	0.70958	2
1900MHz_RB 50,#RB H	Pass	8.30	20.30	0.107	20.30	28.60	0.72444	2

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



<Mode 5> EUT 2 + LTE Band 4 Link

Summary

Mode	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)
Band 4	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.94	0.197	28.14	0.65163
LTE_1.4MHz_Nss1,16QAM_1TX	22.16	0.164	27.36	0.54450
LTE_3MHz_Nss1,QPSK_1TX	22.96	0.198	28.16	0.65464
LTE_3MHz_Nss1,16QAM_1TX	22.17	0.165	27.37	0.54576
LTE_5MHz_Nss1,QPSK_1TX	23.19	0.208	28.39	0.69024
LTE_5MHz_Nss1,16QAM_1TX	22.33	0.171	27.53	0.56624
LTE_10MHz_Nss1,QPSK_1TX	23.45	0.221	28.65	0.73282
LTE_10MHz_Nss1,16QAM_1TX	22.54	0.179	27.74	0.59429
LTE_15MHz_Nss1,QPSK_1TX	22.99	0.199	28.19	0.65917
LTE_15MHz_Nss1,16QAM_1TX	22.18	0.165	27.38	0.54702
LTE_20MHz_Nss1,QPSK_1TX	22.71	0.187	27.91	0.61802
LTE_20MHz_Nss1,16QAM_1TX	21.98	0.158	27.18	0.52240



Average Power Results

Appendix A.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
Band 4_LTE_1.4MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	5.20	21.82	21.82	0.152	27.02	0.50350	1
1710.7MHz_RB 1,#RB L	Pass	5.20	22.93	22.93	0.196	28.13	0.65013	1
1710.7MHz_RB 1,#RB M	Pass	5.20	22.91	22.91	0.195	28.11	0.64714	1
1710.7MHz_RB 1,#RB H	Pass	5.20	22.86	22.86	0.193	28.06	0.63973	1
1710.7MHz_RB 3,#RB L	Pass	5.20	22.94	22.94	0.197	28.14	0.65163	1
1710.7MHz_RB 3,#RB M	Pass	5.20	22.93	22.93	0.196	28.13	0.65013	1
1710.7MHz_RB 3,#RB H	Pass	5.20	22.85	22.85	0.193	28.05	0.63826	1
1732.5MHz_RB 6,#RB 0	Pass	5.20	21.03	21.03	0.127	26.23	0.41976	1
1732.5MHz_RB 1,#RB L	Pass	5.20	22.23	22.23	0.167	27.43	0.55335	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.25	22.25	0.168	27.45	0.55590	1
1732.5MHz_RB 1,#RB H	Pass	5.20	22.26	22.26	0.168	27.46	0.55719	1
1732.5MHz_RB 3,#RB L	Pass	5.20	22.00	22.00	0.158	27.20	0.52481	1
1732.5MHz_RB 3,#RB M	Pass	5.20	22.15	22.15	0.164	27.35	0.54325	1
1732.5MHz_RB 3,#RB H	Pass	5.20	22.07	22.07	0.161	27.27	0.53333	1
1754.3MHz_RB 6,#RB 0	Pass	5.20	20.27	20.27	0.106	25.47	0.35237	1
1754.3MHz_RB 1,#RB L	Pass	5.20	21.49	21.49	0.141	26.69	0.46666	1
1754.3MHz_RB 1,#RB M	Pass	5.20	21.47	21.47	0.140	26.67	0.46452	1
1754.3MHz_RB 1,#RB H	Pass	5.20	21.52	21.52	0.142	26.72	0.46989	1
1754.3MHz_RB 3,#RB L	Pass	5.20	21.20	21.20	0.132	26.40	0.43652	1
1754.3MHz_RB 3,#RB M	Pass	5.20	21.41	21.41	0.138	26.61	0.45814	1
1754.3MHz_RB 3,#RB H	Pass	5.20	21.23	21.23	0.133	26.43	0.43954	1
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	5.20	20.95	20.95	0.124	26.15	0.41210	1
1710.7MHz_RB 1,#RB L	Pass	5.20	22.16	22.16	0.164	27.36	0.54450	1
1710.7MHz_RB 1,#RB M	Pass	5.20	22.15	22.15	0.164	27.35	0.54325	1
1710.7MHz_RB 1,#RB H	Pass	5.20	22.09	22.09	0.162	27.29	0.53580	1
1710.7MHz_RB 3,#RB L	Pass	5.20	21.98	21.98	0.158	27.18	0.52240	1
1710.7MHz_RB 3,#RB M	Pass	5.20	21.94	21.94	0.156	27.14	0.51761	1
1710.7MHz_RB 3,#RB H	Pass	5.20	21.87	21.87	0.154	27.07	0.50933	1
1732.5MHz_RB 6,#RB 0	Pass	5.20	20.14	20.14	0.103	25.34	0.34198	1
1732.5MHz_RB 1,#RB L	Pass	5.20	21.42	21.42	0.139	26.62	0.45920	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.47	21.47	0.140	26.67	0.46452	1
1732.5MHz_RB 1,#RB H	Pass	5.20	21.49	21.49	0.141	26.69	0.46666	1
1732.5MHz_RB 3,#RB L	Pass	5.20	21.16	21.16	0.131	26.36	0.43251	1
1732.5MHz_RB 3,#RB M	Pass	5.20	21.22	21.22	0.132	26.42	0.43853	1
1732.5MHz_RB 3,#RB H	Pass	5.20	21.15	21.15	0.130	26.35	0.43152	1
1754.3MHz_RB 6,#RB 0	Pass	5.20	19.43	19.43	0.088	24.63	0.29040	1
1754.3MHz_RB 1,#RB L	Pass	5.20	20.69	20.69	0.117	25.89	0.38815	1
1754.3MHz_RB 1,#RB M	Pass	5.20	20.68	20.68	0.117	25.88	0.38726	1
1754.3MHz_RB 1,#RB H	Pass	5.20	20.74	20.74	0.119	25.94	0.39264	1
1754.3MHz_RB 3,#RB L	Pass	5.20	20.38	20.38	0.109	25.58	0.36141	1
1754.3MHz_RB 3,#RB M	Pass	5.20	20.48	20.48	0.112	25.68	0.36983	1
1754.3MHz_RB 3,#RB H	Pass	5.20	20.41	20.41	0.110	25.61	0.36392	1
Band 4_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	5.20	21.89	21.89	0.155	27.09	0.51168	1
1711.5MHz_RB 1,#RB L	Pass	5.20	22.82	22.82	0.191	28.02	0.63387	1
1711.5MHz_RB 1,#RB M	Pass	5.20	22.96	22.96	0.198	28.16	0.65464	1



Average Power Results

Appendix A.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1711.5MHz_RB 1,#RB H	Pass	5.20	22.81	22.81	0.191	28.01	0.63241	1
1711.5MHz_RB 8,#RB L	Pass	5.20	21.84	21.84	0.153	27.04	0.50582	1
1711.5MHz_RB 8,#RB M	Pass	5.20	21.92	21.92	0.156	27.12	0.51523	1
1711.5MHz_RB 8,#RB H	Pass	5.20	21.91	21.91	0.155	27.11	0.51404	1
1732.5MHz_RB 15,#RB 0	Pass	5.20	21.23	21.23	0.133	26.43	0.43954	1
1732.5MHz_RB 1,#RB L	Pass	5.20	22.39	22.39	0.173	27.59	0.57412	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.25	22.25	0.168	27.45	0.55590	1
1732.5MHz_RB 1,#RB H	Pass	5.20	22.21	22.21	0.166	27.41	0.55081	1
1732.5MHz_RB 8,#RB L	Pass	5.20	21.18	21.18	0.131	26.38	0.43451	1
1732.5MHz_RB 8,#RB M	Pass	5.20	21.20	21.20	0.132	26.40	0.43652	1
1732.5MHz_RB 8,#RB H	Pass	5.20	21.16	21.16	0.131	26.36	0.43251	1
1753.5MHz_RB 15,#RB 0	Pass	5.20	20.43	20.43	0.110	25.63	0.36559	1
1753.5MHz_RB 1,#RB L	Pass	5.20	21.45	21.45	0.140	26.65	0.46238	1
1753.5MHz_RB 1,#RB M	Pass	5.20	21.35	21.35	0.136	26.55	0.45186	1
1753.5MHz_RB 1,#RB H	Pass	5.20	21.24	21.24	0.133	26.44	0.44055	1
1753.5MHz_RB 8,#RB L	Pass	5.20	20.52	20.52	0.113	25.72	0.37325	1
1753.5MHz_RB 8,#RB M	Pass	5.20	20.37	20.37	0.109	25.57	0.36058	1
1753.5MHz_RB 8,#RB H	Pass	5.20	20.24	20.24	0.106	25.44	0.34995	1
Band 4_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	5.20	20.81	20.81	0.121	26.01	0.39902	1
1711.5MHz_RB 1,#RB L	Pass	5.20	22.04	22.04	0.160	27.24	0.52966	1
1711.5MHz_RB 1,#RB M	Pass	5.20	22.17	22.17	0.165	27.37	0.54576	1
1711.5MHz_RB 1,#RB H	Pass	5.20	21.95	21.95	0.157	27.15	0.51880	1
1711.5MHz_RB 8,#RB L	Pass	5.20	20.92	20.92	0.124	26.12	0.40926	1
1711.5MHz_RB 8,#RB M	Pass	5.20	20.97	20.97	0.125	26.17	0.41400	1
1711.5MHz_RB 8,#RB H	Pass	5.20	20.98	20.98	0.125	26.18	0.41495	1
1732.5MHz_RB 15,#RB 0	Pass	5.20	20.14	20.14	0.103	25.34	0.34198	1
1732.5MHz_RB 1,#RB L	Pass	5.20	21.48	21.48	0.141	26.68	0.46559	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.48	21.48	0.141	26.68	0.46559	1
1732.5MHz_RB 1,#RB H	Pass	5.20	21.36	21.36	0.137	26.56	0.45290	1
1732.5MHz_RB 8,#RB L	Pass	5.20	20.21	20.21	0.105	25.41	0.34754	1
1732.5MHz_RB 8,#RB M	Pass	5.20	20.23	20.23	0.105	25.43	0.34914	1
1732.5MHz_RB 8,#RB H	Pass	5.20	20.23	20.23	0.105	25.43	0.34914	1
1753.5MHz_RB 15,#RB 0	Pass	5.20	19.40	19.40	0.087	24.60	0.28840	1
1753.5MHz_RB 1,#RB L	Pass	5.20	20.76	20.76	0.119	25.96	0.39446	1
1753.5MHz_RB 1,#RB M	Pass	5.20	20.63	20.63	0.116	25.83	0.38282	1
1753.5MHz_RB 1,#RB H	Pass	5.20	20.52	20.52	0.113	25.72	0.37325	1
1753.5MHz_RB 8,#RB L	Pass	5.20	19.52	19.52	0.090	24.72	0.29648	1
1753.5MHz_RB 8,#RB M	Pass	5.20	19.49	19.49	0.089	24.69	0.29444	1
1753.5MHz_RB 8,#RB H	Pass	5.20	19.32	19.32	0.086	24.52	0.28314	1
Band 4_LTE_5MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	5.20	21.79	21.79	0.151	26.99	0.50003	1
1712.5MHz_RB 1,#RB L	Pass	5.20	23.19	23.19	0.208	28.39	0.69024	1
1712.5MHz_RB 1,#RB M	Pass	5.20	23.00	23.00	0.200	28.20	0.66069	1
1712.5MHz_RB 1,#RB H	Pass	5.20	22.85	22.85	0.193	28.05	0.63826	1
1712.5MHz_RB 12,#RB L	Pass	5.20	21.85	21.85	0.153	27.05	0.50699	1
1712.5MHz_RB 12,#RB M	Pass	5.20	21.82	21.82	0.152	27.02	0.50350	1
1712.5MHz_RB 12,#RB H	Pass	5.20	21.73	21.73	0.149	26.93	0.49317	1
1732.5MHz_RB 25,#RB 0	Pass	5.20	21.21	21.21	0.132	26.41	0.43752	1



Average Power Results

Appendix A.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1732.5MHz_RB 1,#RB L	Pass	5.20	22.47	22.47	0.177	27.67	0.58479	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.46	22.46	0.176	27.66	0.58345	1
1732.5MHz_RB 1,#RB H	Pass	5.20	22.22	22.22	0.167	27.42	0.55208	1
1732.5MHz_RB 12,#RB L	Pass	5.20	21.22	21.22	0.132	26.42	0.43853	1
1732.5MHz_RB 12,#RB M	Pass	5.20	21.18	21.18	0.131	26.38	0.43451	1
1732.5MHz_RB 12,#RB H	Pass	5.20	21.09	21.09	0.129	26.29	0.42560	1
1752.5MHz_RB 25,#RB 0	Pass	5.20	20.42	20.42	0.110	25.62	0.36475	1
1752.5MHz_RB 1,#RB L	Pass	5.20	21.68	21.68	0.147	26.88	0.48753	1
1752.5MHz_RB 1,#RB M	Pass	5.20	21.61	21.61	0.145	26.81	0.47973	1
1752.5MHz_RB 1,#RB H	Pass	5.20	21.41	21.41	0.138	26.61	0.45814	1
1752.5MHz_RB 12,#RB L	Pass	5.20	20.43	20.43	0.110	25.63	0.36559	1
1752.5MHz_RB 12,#RB M	Pass	5.20	20.44	20.44	0.111	25.64	0.36644	1
1752.5MHz_RB 12,#RB H	Pass	5.20	20.32	20.32	0.108	25.52	0.35645	1
Band 4_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	5.20	20.78	20.78	0.120	25.98	0.39628	1
1712.5MHz_RB 1,#RB L	Pass	5.20	22.33	22.33	0.171	27.53	0.56624	1
1712.5MHz_RB 1,#RB M	Pass	5.20	22.13	22.13	0.163	27.33	0.54075	1
1712.5MHz_RB 1,#RB H	Pass	5.20	22.15	22.15	0.164	27.35	0.54325	1
1712.5MHz_RB 12,#RB L	Pass	5.20	20.90	20.90	0.123	26.10	0.40738	1
1712.5MHz_RB 12,#RB M	Pass	5.20	20.81	20.81	0.121	26.01	0.39902	1
1712.5MHz_RB 12,#RB H	Pass	5.20	20.76	20.76	0.119	25.96	0.39446	1
1732.5MHz_RB 25,#RB 0	Pass	5.20	20.19	20.19	0.104	25.39	0.34594	1
1732.5MHz_RB 1,#RB L	Pass	5.20	21.53	21.53	0.142	26.73	0.47098	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.57	21.57	0.144	26.77	0.47534	1
1732.5MHz_RB 1,#RB H	Pass	5.20	21.33	21.33	0.136	26.53	0.44978	1
1732.5MHz_RB 12,#RB L	Pass	5.20	20.24	20.24	0.106	25.44	0.34995	1
1732.5MHz_RB 12,#RB M	Pass	5.20	20.18	20.18	0.104	25.38	0.34514	1
1732.5MHz_RB 12,#RB H	Pass	5.20	20.08	20.08	0.102	25.28	0.33729	1
1752.5MHz_RB 25,#RB 0	Pass	5.20	19.41	19.41	0.087	24.61	0.28907	1
1752.5MHz_RB 1,#RB L	Pass	5.20	20.89	20.89	0.123	26.09	0.40644	1
1752.5MHz_RB 1,#RB M	Pass	5.20	20.79	20.79	0.120	25.99	0.39719	1
1752.5MHz_RB 1,#RB H	Pass	5.20	20.62	20.62	0.115	25.82	0.38194	1
1752.5MHz_RB 12,#RB L	Pass	5.20	19.44	19.44	0.088	24.64	0.29107	1
1752.5MHz_RB 12,#RB M	Pass	5.20	19.46	19.46	0.088	24.66	0.29242	1
1752.5MHz_RB 12,#RB H	Pass	5.20	19.38	19.38	0.087	24.58	0.28708	1
Band 4_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	5.20	21.88	21.88	0.154	27.08	0.51050	1
1715MHz_RB 1,#RB L	Pass	5.20	23.45	23.45	0.221	28.65	0.73282	1
1715MHz_RB 1,#RB M	Pass	5.20	22.99	22.99	0.199	28.19	0.65917	1
1715MHz_RB 1,#RB H	Pass	5.20	22.84	22.84	0.192	28.04	0.63680	1
1715MHz_RB 25,#RB L	Pass	5.20	21.94	21.94	0.156	27.14	0.51761	1
1715MHz_RB 25,#RB M	Pass	5.20	21.80	21.80	0.151	27.00	0.50119	1
1715MHz_RB 25,#RB H	Pass	5.20	21.65	21.65	0.146	26.85	0.48417	1
1732.5MHz_RB 50,#RB 0	Pass	5.20	21.33	21.33	0.136	26.53	0.44978	1
1732.5MHz_RB 1,#RB L	Pass	5.20	22.94	22.94	0.197	28.14	0.65163	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.46	22.46	0.176	27.66	0.58345	1
1732.5MHz_RB 1,#RB H	Pass	5.20	22.30	22.30	0.170	27.50	0.56234	1
1732.5MHz_RB 25,#RB L	Pass	5.20	21.38	21.38	0.137	26.58	0.45499	1
1732.5MHz_RB 25,#RB M	Pass	5.20	21.25	21.25	0.133	26.45	0.44157	1



Average Power Results

Appendix A.5

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1732.5MHz_RB 25,#RB H	Pass	5.20	21.10	21.10	0.129	26.30	0.42658	1
1750MHz_RB 50,#RB 0	Pass	5.20	20.60	20.60	0.115	25.80	0.38019	1
1750MHz_RB 1,#RB L	Pass	5.20	22.18	22.18	0.165	27.38	0.54702	1
1750MHz_RB 1,#RB M	Pass	5.20	21.74	21.74	0.149	26.94	0.49431	1
1750MHz_RB 1,#RB H	Pass	5.20	21.64	21.64	0.146	26.84	0.48306	1
1750MHz_RB 25,#RB L	Pass	5.20	20.77	20.77	0.119	25.97	0.39537	1
1750MHz_RB 25,#RB M	Pass	5.20	20.64	20.64	0.116	25.84	0.38371	1
1750MHz_RB 25,#RB H	Pass	5.20	20.49	20.49	0.112	25.69	0.37068	1
Band 4_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	5.20	20.85	20.85	0.122	26.05	0.40272	1
1715MHz_RB 1,#RB L	Pass	5.20	22.54	22.54	0.179	27.74	0.59429	1
1715MHz_RB 1,#RB M	Pass	5.20	22.04	22.04	0.160	27.24	0.52966	1
1715MHz_RB 1,#RB H	Pass	5.20	22.04	22.04	0.160	27.24	0.52966	1
1715MHz_RB 25,#RB L	Pass	5.20	20.96	20.96	0.125	26.16	0.41305	1
1715MHz_RB 25,#RB M	Pass	5.20	20.79	20.79	0.120	25.99	0.39719	1
1715MHz_RB 25,#RB H	Pass	5.20	20.68	20.68	0.117	25.88	0.38726	1
1732.5MHz_RB 50,#RB 0	Pass	5.20	20.26	20.26	0.106	25.46	0.35156	1
1732.5MHz_RB 1,#RB L	Pass	5.20	21.96	21.96	0.157	27.16	0.52000	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.55	21.55	0.143	26.75	0.47315	1
1732.5MHz_RB 1,#RB H	Pass	5.20	21.34	21.34	0.136	26.54	0.45082	1
1732.5MHz_RB 25,#RB L	Pass	5.20	20.35	20.35	0.108	25.55	0.35892	1
1732.5MHz_RB 25,#RB M	Pass	5.20	20.23	20.23	0.105	25.43	0.34914	1
1732.5MHz_RB 25,#RB H	Pass	5.20	20.04	20.04	0.101	25.24	0.33420	1
1750MHz_RB 50,#RB 0	Pass	5.20	19.63	19.63	0.092	24.83	0.30409	1
1750MHz_RB 1,#RB L	Pass	5.20	21.40	21.40	0.138	26.60	0.45709	1
1750MHz_RB 1,#RB M	Pass	5.20	20.87	20.87	0.122	26.07	0.40458	1
1750MHz_RB 1,#RB H	Pass	5.20	20.76	20.76	0.119	25.96	0.39446	1
1750MHz_RB 25,#RB L	Pass	5.20	19.80	19.80	0.095	25.00	0.31623	1
1750MHz_RB 25,#RB M	Pass	5.20	19.64	19.64	0.092	24.84	0.30479	1
1750MHz_RB 25,#RB H	Pass	5.20	19.48	19.48	0.089	24.68	0.29376	1
Band 4_LTE_15MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	5.20	21.92	21.92	0.156	27.12	0.51523	1
1717.5MHz_RB 1,#RB L	Pass	5.20	18.86	18.86	0.077	24.06	0.25468	1
1717.5MHz_RB 1,#RB M	Pass	5.20	22.99	22.99	0.199	28.19	0.65917	1
1717.5MHz_RB 1,#RB H	Pass	5.20	18.69	18.69	0.074	23.89	0.24491	1
1717.5MHz_RB 36,#RB L	Pass	5.20	22.21	22.21	0.166	27.41	0.55081	1
1717.5MHz_RB 36,#RB M	Pass	5.20	21.95	21.95	0.157	27.15	0.51880	1
1717.5MHz_RB 36,#RB H	Pass	5.20	21.67	21.67	0.147	26.87	0.48641	1
1732.5MHz_RB 75,#RB 0	Pass	5.20	21.55	21.55	0.143	26.75	0.47315	1
1732.5MHz_RB 1,#RB L	Pass	5.20	18.82	18.82	0.076	24.02	0.25235	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.66	22.66	0.185	27.86	0.61094	1
1732.5MHz_RB 1,#RB H	Pass	5.20	18.65	18.65	0.073	23.85	0.24266	1
1732.5MHz_RB 36,#RB L	Pass	5.20	21.79	21.79	0.151	26.99	0.50003	1
1732.5MHz_RB 36,#RB M	Pass	5.20	21.52	21.52	0.142	26.72	0.46989	1
1732.5MHz_RB 36,#RB H	Pass	5.20	21.34	21.34	0.136	26.54	0.45082	1
1747.5MHz_RB 75,#RB 0	Pass	5.20	21.13	21.13	0.130	26.33	0.42954	1
1747.5MHz_RB 1,#RB L	Pass	5.20	18.72	18.72	0.074	23.92	0.24660	1
1747.5MHz_RB 1,#RB M	Pass	5.20	22.00	22.00	0.158	27.20	0.52481	1
1747.5MHz_RB 1,#RB H	Pass	5.20	18.53	18.53	0.071	23.73	0.23605	1



Average Power Results

Appendix A.5

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1747.5MHz_RB 36,#RB L	Pass	5.20	21.35	21.35	0.136	26.55	0.45186	1
1747.5MHz_RB 36,#RB M	Pass	5.20	20.99	20.99	0.126	26.19	0.41591	1
1747.5MHz_RB 36,#RB H	Pass	5.20	20.77	20.77	0.119	25.97	0.39537	1
Band 4_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	5.20	20.93	20.93	0.124	26.13	0.41020	1
1717.5MHz_RB 1,#RB L	Pass	5.20	18.55	18.55	0.072	23.75	0.23714	1
1717.5MHz_RB 1,#RB M	Pass	5.20	22.18	22.18	0.165	27.38	0.54702	1
1717.5MHz_RB 1,#RB H	Pass	5.20	18.34	18.34	0.068	23.54	0.22594	1
1717.5MHz_RB 36,#RB L	Pass	5.20	21.21	21.21	0.132	26.41	0.43752	1
1717.5MHz_RB 36,#RB M	Pass	5.20	20.94	20.94	0.124	26.14	0.41115	1
1717.5MHz_RB 36,#RB H	Pass	5.20	20.64	20.64	0.116	25.84	0.38371	1
1732.5MHz_RB 75,#RB 0	Pass	5.20	20.64	20.64	0.116	25.84	0.38371	1
1732.5MHz_RB 1,#RB L	Pass	5.20	18.45	18.45	0.070	23.65	0.23174	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.62	21.62	0.145	26.82	0.48084	1
1732.5MHz_RB 1,#RB H	Pass	5.20	18.18	18.18	0.066	23.38	0.21777	1
1732.5MHz_RB 36,#RB L	Pass	5.20	20.79	20.79	0.120	25.99	0.39719	1
1732.5MHz_RB 36,#RB M	Pass	5.20	20.50	20.50	0.112	25.70	0.37154	1
1732.5MHz_RB 36,#RB H	Pass	5.20	20.33	20.33	0.108	25.53	0.35727	1
1747.5MHz_RB 75,#RB 0	Pass	5.20	20.13	20.13	0.103	25.33	0.34119	1
1747.5MHz_RB 1,#RB L	Pass	5.20	18.29	18.29	0.067	23.49	0.22336	1
1747.5MHz_RB 1,#RB M	Pass	5.20	21.18	21.18	0.131	26.38	0.43451	1
1747.5MHz_RB 1,#RB H	Pass	5.20	18.03	18.03	0.064	23.23	0.21038	1
1747.5MHz_RB 36,#RB L	Pass	5.20	20.33	20.33	0.108	25.53	0.35727	1
1747.5MHz_RB 36,#RB M	Pass	5.20	19.98	19.98	0.100	25.18	0.32961	1
1747.5MHz_RB 36,#RB H	Pass	5.20	19.77	19.77	0.095	24.97	0.31405	1
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	5.20	21.87	21.87	0.154	27.07	0.50933	1
1720MHz_RB 1,#RB L	Pass	5.20	18.82	18.82	0.076	24.02	0.25235	1
1720MHz_RB 1,#RB M	Pass	5.20	22.71	22.71	0.187	27.91	0.61802	1
1720MHz_RB 1,#RB H	Pass	5.20	18.59	18.59	0.072	23.79	0.23933	1
1720MHz_RB 50,#RB L	Pass	5.20	22.20	22.20	0.166	27.40	0.54954	1
1720MHz_RB 50,#RB M	Pass	5.20	21.80	21.80	0.151	27.00	0.50119	1
1720MHz_RB 50,#RB H	Pass	5.20	21.59	21.59	0.144	26.79	0.47753	1
1732.5MHz_RB 100,#RB 0	Pass	5.20	21.57	21.57	0.144	26.77	0.47534	1
1732.5MHz_RB 1,#RB L	Pass	5.20	18.77	18.77	0.075	23.97	0.24946	1
1732.5MHz_RB 1,#RB M	Pass	5.20	22.61	22.61	0.182	27.81	0.60395	1
1732.5MHz_RB 1,#RB H	Pass	5.20	18.61	18.61	0.073	23.81	0.24044	1
1732.5MHz_RB 50,#RB L	Pass	5.20	21.93	21.93	0.156	27.13	0.51642	1
1732.5MHz_RB 50,#RB M	Pass	5.20	21.52	21.52	0.142	26.72	0.46989	1
1732.5MHz_RB 50,#RB H	Pass	5.20	21.29	21.29	0.135	26.49	0.44566	1
1745MHz_RB 100,#RB 0	Pass	5.20	21.32	21.32	0.136	26.52	0.44875	1
1745MHz_RB 1,#RB L	Pass	5.20	18.75	18.75	0.075	23.95	0.24831	1
1745MHz_RB 1,#RB M	Pass	5.20	22.00	22.00	0.158	27.20	0.52481	1
1745MHz_RB 1,#RB H	Pass	5.20	18.46	18.46	0.070	23.66	0.23227	1
1745MHz_RB 50,#RB L	Pass	5.20	21.56	21.56	0.143	26.76	0.47424	1
1745MHz_RB 50,#RB M	Pass	5.20	21.06	21.06	0.128	26.26	0.42267	1
1745MHz_RB 50,#RB H	Pass	5.20	20.80	20.80	0.120	26.00	0.39811	1
Band 4_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	5.20	20.88	20.88	0.122	26.08	0.40551	1



Average Power Results

Appendix A.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	EIRP (dBm)	EIRP (W)	EIRP Lim. (W)
1720MHz_RB 1,#RB L	Pass	5.20	18.59	18.59	0.072	23.79	0.23933	1
1720MHz_RB 1,#RB M	Pass	5.20	21.98	21.98	0.158	27.18	0.52240	1
1720MHz_RB 1,#RB H	Pass	5.20	18.21	18.21	0.066	23.41	0.21928	1
1720MHz_RB 50,#RB L	Pass	5.20	21.16	21.16	0.131	26.36	0.43251	1
1720MHz_RB 50,#RB M	Pass	5.20	20.78	20.78	0.120	25.98	0.39628	1
1720MHz_RB 50,#RB H	Pass	5.20	20.56	20.56	0.114	25.76	0.37670	1
1732.5MHz_RB 100,#RB 0	Pass	5.20	20.63	20.63	0.116	25.83	0.38282	1
1732.5MHz_RB 1,#RB L	Pass	5.20	18.48	18.48	0.070	23.68	0.23335	1
1732.5MHz_RB 1,#RB M	Pass	5.20	21.58	21.58	0.144	26.78	0.47643	1
1732.5MHz_RB 1,#RB H	Pass	5.20	18.14	18.14	0.065	23.34	0.21577	1
1732.5MHz_RB 50,#RB L	Pass	5.20	20.84	20.84	0.121	26.04	0.40179	1
1732.5MHz_RB 50,#RB M	Pass	5.20	20.45	20.45	0.111	25.65	0.36728	1
1732.5MHz_RB 50,#RB H	Pass	5.20	20.26	20.26	0.106	25.46	0.35156	1
1745MHz_RB 100,#RB 0	Pass	5.20	20.24	20.24	0.106	25.44	0.34995	1
1745MHz_RB 1,#RB L	Pass	5.20	18.40	18.40	0.069	23.60	0.22909	1
1745MHz_RB 1,#RB M	Pass	5.20	21.27	21.27	0.134	26.47	0.44361	1
1745MHz_RB 1,#RB H	Pass	5.20	18.06	18.06	0.064	23.26	0.21184	1
1745MHz_RB 50,#RB L	Pass	5.20	20.56	20.56	0.114	25.76	0.37670	1
1745MHz_RB 50,#RB M	Pass	5.20	20.10	20.10	0.102	25.30	0.33884	1
1745MHz_RB 50,#RB H	Pass	5.20	19.81	19.81	0.096	25.01	0.31696	1

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



<Mode 6> EUT 2 + LTE Band 5 Link

Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 5	-	-	-	-
LTE_10MHz_Nss1,QPSK_1TX	22.87	0.194	24.62	0.290
LTE_10MHz_Nss1,16QAM_1TX	22.16	0.164	23.91	0.246
LTE_5MHz_Nss1,QPSK_1TX	22.71	0.187	24.46	0.279
LTE_5MHz_Nss1,16QAM_1TX	22.00	0.158	23.75	0.237
LTE_3MHz_Nss1,QPSK_1TX	22.49	0.177	24.24	0.265
LTE_3MHz_Nss1,16QAM_1TX	21.72	0.149	23.47	0.222
LTE_1.4MHz_Nss1,QPSK_1TX	22.33	0.171	24.08	0.256
LTE_1.4MHz_Nss1,16QAM_1TX	21.62	0.145	23.37	0.217



Average Power Results

Appendix A.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
Band 5_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	3.90	21.60	21.60	0.145	23.35	0.216	7
829MHz_RB 1,#RB L	Pass	3.90	22.44	22.44	0.175	24.19	0.262	7
829MHz_RB 1,#RB M	Pass	3.90	22.81	22.81	0.191	24.56	0.286	7
829MHz_RB 1,#RB H	Pass	3.90	22.72	22.72	0.187	24.47	0.280	7
829MHz_RB 25,#RB L	Pass	3.90	21.39	21.39	0.138	23.14	0.206	7
829MHz_RB 25,#RB M	Pass	3.90	21.70	21.70	0.148	23.45	0.221	7
829MHz_RB 25,#RB H	Pass	3.90	21.70	21.70	0.148	23.45	0.221	7
836.5MHz_RB 50,#RB 0	Pass	3.90	21.32	21.32	0.136	23.07	0.203	7
836.5MHz_RB 1,#RB L	Pass	3.90	22.87	22.87	0.194	24.62	0.290	7
836.5MHz_RB 1,#RB M	Pass	3.90	22.48	22.48	0.177	24.23	0.265	7
836.5MHz_RB 1,#RB H	Pass	3.90	22.33	22.33	0.171	24.08	0.256	7
836.5MHz_RB 25,#RB L	Pass	3.90	21.48	21.48	0.141	23.23	0.210	7
836.5MHz_RB 25,#RB M	Pass	3.90	21.32	21.32	0.136	23.07	0.203	7
836.5MHz_RB 25,#RB H	Pass	3.90	21.20	21.20	0.132	22.95	0.197	7
844MHz_RB 50,#RB 0	Pass	3.90	21.31	21.31	0.135	23.06	0.202	7
844MHz_RB 1,#RB L	Pass	3.90	22.78	22.78	0.190	24.53	0.284	7
844MHz_RB 1,#RB M	Pass	3.90	22.38	22.38	0.173	24.13	0.259	7
844MHz_RB 1,#RB H	Pass	3.90	22.18	22.18	0.165	23.93	0.247	7
844MHz_RB 25,#RB L	Pass	3.90	21.40	21.40	0.138	23.15	0.207	7
844MHz_RB 25,#RB M	Pass	3.90	21.33	21.33	0.136	23.08	0.203	7
844MHz_RB 25,#RB H	Pass	3.90	21.09	21.09	0.129	22.84	0.192	7
Band 5_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	3.90	20.54	20.54	0.113	22.29	0.169	7
829MHz_RB 1,#RB L	Pass	3.90	21.65	21.65	0.146	23.4	0.219	7
829MHz_RB 1,#RB M	Pass	3.90	22.16	22.16	0.164	23.91	0.246	7
829MHz_RB 1,#RB H	Pass	3.90	21.82	21.82	0.152	23.57	0.228	7
829MHz_RB 25,#RB L	Pass	3.90	20.40	20.40	0.110	22.15	0.164	7
829MHz_RB 25,#RB M	Pass	3.90	20.70	20.70	0.117	22.45	0.176	7
829MHz_RB 25,#RB H	Pass	3.90	20.66	20.66	0.116	22.41	0.174	7
836.5MHz_RB 50,#RB 0	Pass	3.90	20.26	20.26	0.106	22.01	0.159	7
836.5MHz_RB 1,#RB L	Pass	3.90	22.07	22.07	0.161	23.82	0.241	7
836.5MHz_RB 1,#RB M	Pass	3.90	21.71	21.71	0.148	23.46	0.222	7
836.5MHz_RB 1,#RB H	Pass	3.90	21.48	21.48	0.141	23.23	0.210	7
836.5MHz_RB 25,#RB L	Pass	3.90	20.51	20.51	0.112	22.26	0.168	7
836.5MHz_RB 25,#RB M	Pass	3.90	20.32	20.32	0.108	22.07	0.161	7
836.5MHz_RB 25,#RB H	Pass	3.90	20.18	20.18	0.104	21.93	0.156	7
844MHz_RB 50,#RB 0	Pass	3.90	20.29	20.29	0.107	22.04	0.160	7
844MHz_RB 1,#RB L	Pass	3.90	22.05	22.05	0.160	23.8	0.240	7
844MHz_RB 1,#RB M	Pass	3.90	21.60	21.60	0.145	23.35	0.216	7
844MHz_RB 1,#RB H	Pass	3.90	21.37	21.37	0.137	23.12	0.205	7
844MHz_RB 25,#RB L	Pass	3.90	20.40	20.40	0.110	22.15	0.164	7
844MHz_RB 25,#RB M	Pass	3.90	20.31	20.31	0.107	22.06	0.161	7
844MHz_RB 25,#RB H	Pass	3.90	20.10	20.10	0.102	21.85	0.153	7
Band 5_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	3.90	21.37	21.37	0.137	23.12	0.205	7
826.5MHz_RB 1,#RB L	Pass	3.90	22.33	22.33	0.171	24.08	0.256	7



Average Power Results

Appendix A.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
826.5MHz_RB 1,#RB M	Pass	3.90	22.63	22.63	0.183	24.38	0.274	7
826.5MHz_RB 1,#RB H	Pass	3.90	22.69	22.69	0.186	24.44	0.278	7
826.5MHz_RB 12,#RB L	Pass	3.90	21.22	21.22	0.132	22.97	0.198	7
826.5MHz_RB 12,#RB M	Pass	3.90	21.49	21.49	0.141	23.24	0.211	7
826.5MHz_RB 12,#RB H	Pass	3.90	21.58	21.58	0.144	23.33	0.215	7
836.5MHz_RB 25,#RB 0	Pass	3.90	21.40	21.40	0.138	23.15	0.207	7
836.5MHz_RB 1,#RB L	Pass	3.90	22.71	22.71	0.187	24.46	0.279	7
836.5MHz_RB 1,#RB M	Pass	3.90	22.68	22.68	0.185	24.43	0.277	7
836.5MHz_RB 1,#RB H	Pass	3.90	22.49	22.49	0.177	24.24	0.265	7
836.5MHz_RB 12,#RB L	Pass	3.90	21.41	21.41	0.138	23.16	0.207	7
836.5MHz_RB 12,#RB M	Pass	3.90	21.42	21.42	0.139	23.17	0.207	7
836.5MHz_RB 12,#RB H	Pass	3.90	21.30	21.30	0.135	23.05	0.202	7
846.5MHz_RB 25,#RB 0	Pass	3.90	21.08	21.08	0.128	22.83	0.192	7
846.5MHz_RB 1,#RB L	Pass	3.90	22.26	22.26	0.168	24.01	0.252	7
846.5MHz_RB 1,#RB M	Pass	3.90	22.36	22.36	0.172	24.11	0.258	7
846.5MHz_RB 1,#RB H	Pass	3.90	22.14	22.14	0.164	23.89	0.245	7
846.5MHz_RB 12,#RB L	Pass	3.90	21.15	21.15	0.130	22.9	0.195	7
846.5MHz_RB 12,#RB M	Pass	3.90	21.18	21.18	0.131	22.93	0.196	7
846.5MHz_RB 12,#RB H	Pass	3.90	21.03	21.03	0.127	22.78	0.190	7
Band 5_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	3.90	20.36	20.36	0.109	22.11	0.163	7
826.5MHz_RB 1,#RB L	Pass	3.90	21.49	21.49	0.141	23.24	0.211	7
826.5MHz_RB 1,#RB M	Pass	3.90	21.82	21.82	0.152	23.57	0.228	7
826.5MHz_RB 1,#RB H	Pass	3.90	22.00	22.00	0.158	23.75	0.237	7
826.5MHz_RB 12,#RB L	Pass	3.90	20.21	20.21	0.105	21.96	0.157	7
826.5MHz_RB 12,#RB M	Pass	3.90	20.48	20.48	0.112	22.23	0.167	7
826.5MHz_RB 12,#RB H	Pass	3.90	20.60	20.60	0.115	22.35	0.172	7
836.5MHz_RB 25,#RB 0	Pass	3.90	20.33	20.33	0.108	22.08	0.161	7
836.5MHz_RB 1,#RB L	Pass	3.90	21.91	21.91	0.155	23.66	0.232	7
836.5MHz_RB 1,#RB M	Pass	3.90	21.69	21.69	0.148	23.44	0.221	7
836.5MHz_RB 1,#RB H	Pass	3.90	21.66	21.66	0.147	23.41	0.219	7
836.5MHz_RB 12,#RB L	Pass	3.90	20.40	20.40	0.110	22.15	0.164	7
836.5MHz_RB 12,#RB M	Pass	3.90	20.36	20.36	0.109	22.11	0.163	7
836.5MHz_RB 12,#RB H	Pass	3.90	20.24	20.24	0.106	21.99	0.158	7
846.5MHz_RB 25,#RB 0	Pass	3.90	20.06	20.06	0.101	21.81	0.152	7
846.5MHz_RB 1,#RB L	Pass	3.90	21.50	21.50	0.141	23.25	0.211	7
846.5MHz_RB 1,#RB M	Pass	3.90	21.50	21.50	0.141	23.25	0.211	7
846.5MHz_RB 1,#RB H	Pass	3.90	21.34	21.34	0.136	23.09	0.204	7
846.5MHz_RB 12,#RB L	Pass	3.90	20.14	20.14	0.103	21.89	0.155	7
846.5MHz_RB 12,#RB M	Pass	3.90	20.16	20.16	0.104	21.91	0.155	7
846.5MHz_RB 12,#RB H	Pass	3.90	20.04	20.04	0.101	21.79	0.151	7
Band 5_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	3.90	21.19	21.19	0.132	22.94	0.197	7
825.5MHz_RB 1,#RB L	Pass	3.90	22.09	22.09	0.162	23.84	0.242	7
825.5MHz_RB 1,#RB M	Pass	3.90	22.30	22.30	0.170	24.05	0.254	7
825.5MHz_RB 1,#RB H	Pass	3.90	22.33	22.33	0.171	24.08	0.256	7
825.5MHz_RB 8,#RB L	Pass	3.90	21.10	21.10	0.129	22.85	0.193	7
825.5MHz_RB 8,#RB M	Pass	3.90	21.23	21.23	0.133	22.98	0.199	7



Average Power Results

Appendix A.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
825.5MHz_RB 8,#RB H	Pass	3.90	21.29	21.29	0.135	23.04	0.201	7
836.5MHz_RB 15,#RB 0	Pass	3.90	21.32	21.32	0.136	23.07	0.203	7
836.5MHz_RB 1,#RB L	Pass	3.90	22.46	22.46	0.176	24.21	0.264	7
836.5MHz_RB 1,#RB M	Pass	3.90	22.49	22.49	0.177	24.24	0.265	7
836.5MHz_RB 1,#RB H	Pass	3.90	22.24	22.24	0.167	23.99	0.251	7
836.5MHz_RB 8,#RB L	Pass	3.90	21.29	21.29	0.135	23.04	0.201	7
836.5MHz_RB 8,#RB M	Pass	3.90	21.35	21.35	0.136	23.1	0.204	7
836.5MHz_RB 8,#RB H	Pass	3.90	21.27	21.27	0.134	23.02	0.200	7
847.5MHz_RB 15,#RB 0	Pass	3.90	20.93	20.93	0.124	22.68	0.185	7
847.5MHz_RB 1,#RB L	Pass	3.90	22.03	22.03	0.160	23.78	0.239	7
847.5MHz_RB 1,#RB M	Pass	3.90	21.92	21.92	0.156	23.67	0.233	7
847.5MHz_RB 1,#RB H	Pass	3.90	22.04	22.04	0.160	23.79	0.239	7
847.5MHz_RB 8,#RB L	Pass	3.90	21.03	21.03	0.127	22.78	0.190	7
847.5MHz_RB 8,#RB M	Pass	3.90	20.87	20.87	0.122	22.62	0.183	7
847.5MHz_RB 8,#RB H	Pass	3.90	20.97	20.97	0.125	22.72	0.187	7
Band 5_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	3.90	20.24	20.24	0.106	21.99	0.158	7
825.5MHz_RB 1,#RB L	Pass	3.90	21.35	21.35	0.136	23.1	0.204	7
825.5MHz_RB 1,#RB M	Pass	3.90	21.58	21.58	0.144	23.33	0.215	7
825.5MHz_RB 1,#RB H	Pass	3.90	21.72	21.72	0.149	23.47	0.222	7
825.5MHz_RB 8,#RB L	Pass	3.90	20.15	20.15	0.104	21.9	0.155	7
825.5MHz_RB 8,#RB M	Pass	3.90	20.32	20.32	0.108	22.07	0.161	7
825.5MHz_RB 8,#RB H	Pass	3.90	20.31	20.31	0.107	22.06	0.161	7
836.5MHz_RB 15,#RB 0	Pass	3.90	20.30	20.30	0.107	22.05	0.160	7
836.5MHz_RB 1,#RB L	Pass	3.90	21.55	21.55	0.143	23.3	0.214	7
836.5MHz_RB 1,#RB M	Pass	3.90	21.67	21.67	0.147	23.42	0.220	7
836.5MHz_RB 1,#RB H	Pass	3.90	21.53	21.53	0.142	23.28	0.213	7
836.5MHz_RB 8,#RB L	Pass	3.90	20.37	20.37	0.109	22.12	0.163	7
836.5MHz_RB 8,#RB M	Pass	3.90	20.35	20.35	0.108	22.1	0.162	7
836.5MHz_RB 8,#RB H	Pass	3.90	20.30	20.30	0.107	22.05	0.160	7
847.5MHz_RB 15,#RB 0	Pass	3.90	20.01	20.01	0.100	21.76	0.150	7
847.5MHz_RB 1,#RB L	Pass	3.90	21.29	21.29	0.135	23.04	0.201	7
847.5MHz_RB 1,#RB M	Pass	3.90	21.21	21.21	0.132	22.96	0.198	7
847.5MHz_RB 1,#RB H	Pass	3.90	21.14	21.14	0.130	22.89	0.195	7
847.5MHz_RB 8,#RB L	Pass	3.90	20.07	20.07	0.102	21.82	0.152	7
847.5MHz_RB 8,#RB M	Pass	3.90	20.01	20.01	0.100	21.76	0.150	7
847.5MHz_RB 8,#RB H	Pass	3.90	20.07	20.07	0.102	21.82	0.152	7
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	3.90	20.94	20.94	0.124	22.69	0.186	7
824.7MHz_RB 1,#RB L	Pass	3.90	22.03	22.03	0.160	23.78	0.239	7
824.7MHz_RB 1,#RB M	Pass	3.90	22.16	22.16	0.164	23.91	0.246	7
824.7MHz_RB 1,#RB H	Pass	3.90	22.25	22.25	0.168	24	0.251	7
824.7MHz_RB 3,#RB L	Pass	3.90	21.93	21.93	0.156	23.68	0.233	7
824.7MHz_RB 3,#RB M	Pass	3.90	22.06	22.06	0.161	23.81	0.240	7
824.7MHz_RB 3,#RB H	Pass	3.90	21.89	21.89	0.155	23.64	0.231	7
836.5MHz_RB 6,#RB 0	Pass	3.90	21.13	21.13	0.130	22.88	0.194	7
836.5MHz_RB 1,#RB L	Pass	3.90	22.33	22.33	0.171	24.08	0.256	7
836.5MHz_RB 1,#RB M	Pass	3.90	22.25	22.25	0.168	24	0.251	7



Average Power Results

Appendix A.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
836.5MHz_RB 1,#RB H	Pass	3.90	22.25	22.25	0.168	24	0.251	7
836.5MHz_RB 3,#RB L	Pass	3.90	22.19	22.19	0.166	23.94	0.248	7
836.5MHz_RB 3,#RB M	Pass	3.90	22.24	22.24	0.167	23.99	0.251	7
836.5MHz_RB 3,#RB H	Pass	3.90	22.09	22.09	0.162	23.84	0.242	7
848.3MHz_RB 6,#RB 0	Pass	3.90	20.82	20.82	0.121	22.57	0.181	7
848.3MHz_RB 1,#RB L	Pass	3.90	21.98	21.98	0.158	23.73	0.236	7
848.3MHz_RB 1,#RB M	Pass	3.90	21.89	21.89	0.155	23.64	0.231	7
848.3MHz_RB 1,#RB H	Pass	3.90	22.19	22.19	0.166	23.94	0.248	7
848.3MHz_RB 3,#RB L	Pass	3.90	21.80	21.80	0.151	23.55	0.226	7
848.3MHz_RB 3,#RB M	Pass	3.90	21.91	21.91	0.155	23.66	0.232	7
848.3MHz_RB 3,#RB H	Pass	3.90	21.75	21.75	0.150	23.5	0.224	7
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	3.90	20.06	20.06	0.101	21.81	0.152	7
824.7MHz_RB 1,#RB L	Pass	3.90	21.32	21.32	0.136	23.07	0.203	7
824.7MHz_RB 1,#RB M	Pass	3.90	21.37	21.37	0.137	23.12	0.205	7
824.7MHz_RB 1,#RB H	Pass	3.90	21.42	21.42	0.139	23.17	0.207	7
824.7MHz_RB 3,#RB L	Pass	3.90	21.07	21.07	0.128	22.82	0.191	7
824.7MHz_RB 3,#RB M	Pass	3.90	21.15	21.15	0.130	22.9	0.195	7
824.7MHz_RB 3,#RB H	Pass	3.90	21.00	21.00	0.126	22.75	0.188	7
836.5MHz_RB 6,#RB 0	Pass	3.90	20.19	20.19	0.104	21.94	0.156	7
836.5MHz_RB 1,#RB L	Pass	3.90	21.62	21.62	0.145	23.37	0.217	7
836.5MHz_RB 1,#RB M	Pass	3.90	21.56	21.56	0.143	23.31	0.214	7
836.5MHz_RB 1,#RB H	Pass	3.90	21.60	21.60	0.145	23.35	0.216	7
836.5MHz_RB 3,#RB L	Pass	3.90	21.24	21.24	0.133	22.99	0.199	7
836.5MHz_RB 3,#RB M	Pass	3.90	21.29	21.29	0.135	23.04	0.201	7
836.5MHz_RB 3,#RB H	Pass	3.90	21.12	21.12	0.129	22.87	0.194	7
848.3MHz_RB 6,#RB 0	Pass	3.90	19.94	19.94	0.099	21.69	0.148	7
848.3MHz_RB 1,#RB L	Pass	3.90	21.23	21.23	0.133	22.98	0.199	7
848.3MHz_RB 1,#RB M	Pass	3.90	21.34	21.34	0.136	23.09	0.204	7
848.3MHz_RB 1,#RB H	Pass	3.90	21.24	21.24	0.133	22.99	0.199	7
848.3MHz_RB 3,#RB L	Pass	3.90	20.88	20.88	0.122	22.63	0.183	7
848.3MHz_RB 3,#RB M	Pass	3.90	20.99	20.99	0.126	22.74	0.188	7
848.3MHz_RB 3,#RB H	Pass	3.90	20.92	20.92	0.124	22.67	0.185	7

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



<Mode 7> EUT 2 + LTE Band 12 Link

Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 12	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.23	0.167	24.38	0.274
LTE_1.4MHz_Nss1,16QAM_1TX	21.31	0.135	23.46	0.222
LTE_3MHz_Nss1,QPSK_1TX	22.08	0.161	24.23	0.265
LTE_3MHz_Nss1,16QAM_1TX	21.54	0.143	23.69	0.234
LTE_5MHz_Nss1,QPSK_1TX	22.45	0.176	24.6	0.288
LTE_5MHz_Nss1,16QAM_1TX	21.97	0.157	24.12	0.258
LTE_10MHz_Nss1,QPSK_1TX	22.51	0.178	24.66	0.292
LTE_10MHz_Nss1,16QAM_1TX	21.90	0.155	24.05	0.254



Average Power Results

Appendix A.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	4.30	20.69	20.69	0.117	22.84	0.192	30
699.7MHz_RB 1,#RB L	Pass	4.30	21.89	21.89	0.155	24.04	0.254	30
699.7MHz_RB 1,#RB M	Pass	4.30	21.68	21.68	0.147	23.83	0.242	30
699.7MHz_RB 1,#RB H	Pass	4.30	21.95	21.95	0.157	24.1	0.257	30
699.7MHz_RB 3,#RB L	Pass	4.30	21.57	21.57	0.144	23.72	0.236	30
699.7MHz_RB 3,#RB M	Pass	4.30	21.77	21.77	0.150	23.92	0.247	30
699.7MHz_RB 3,#RB H	Pass	4.30	21.76	21.76	0.150	23.91	0.246	30
707.5MHz_RB 6,#RB 0	Pass	4.30	20.94	20.94	0.124	23.09	0.204	30
707.5MHz_RB 1,#RB L	Pass	4.30	22.14	22.14	0.164	24.29	0.269	30
707.5MHz_RB 1,#RB M	Pass	4.30	21.92	21.92	0.156	24.07	0.255	30
707.5MHz_RB 1,#RB H	Pass	4.30	22.23	22.23	0.167	24.38	0.274	30
707.5MHz_RB 3,#RB L	Pass	4.30	21.87	21.87	0.154	24.02	0.252	30
707.5MHz_RB 3,#RB M	Pass	4.30	21.96	21.96	0.157	24.11	0.258	30
707.5MHz_RB 3,#RB H	Pass	4.30	21.89	21.89	0.155	24.04	0.254	30
715.3MHz_RB 6,#RB 0	Pass	4.30	20.44	20.44	0.111	22.59	0.182	30
715.3MHz_RB 1,#RB L	Pass	4.30	21.67	21.67	0.147	23.82	0.241	30
715.3MHz_RB 1,#RB M	Pass	4.30	21.42	21.42	0.139	23.57	0.228	30
715.3MHz_RB 1,#RB H	Pass	4.30	21.66	21.66	0.147	23.81	0.240	30
715.3MHz_RB 3,#RB L	Pass	4.30	21.59	21.59	0.144	23.74	0.237	30
715.3MHz_RB 3,#RB M	Pass	4.30	21.59	21.59	0.144	23.74	0.237	30
715.3MHz_RB 3,#RB H	Pass	4.30	21.46	21.46	0.140	23.61	0.230	30
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	4.30	19.78	19.78	0.095	21.93	0.156	30
699.7MHz_RB 1,#RB L	Pass	4.30	20.93	20.93	0.124	23.08	0.203	30
699.7MHz_RB 1,#RB M	Pass	4.30	21.10	21.10	0.129	23.25	0.211	30
699.7MHz_RB 1,#RB H	Pass	4.30	21.00	21.00	0.126	23.15	0.207	30
699.7MHz_RB 3,#RB L	Pass	4.30	20.66	20.66	0.116	22.81	0.191	30
699.7MHz_RB 3,#RB M	Pass	4.30	20.85	20.85	0.122	23	0.200	30
699.7MHz_RB 3,#RB H	Pass	4.30	20.80	20.80	0.120	22.95	0.197	30
707.5MHz_RB 6,#RB 0	Pass	4.30	20.06	20.06	0.101	22.21	0.166	30
707.5MHz_RB 1,#RB L	Pass	4.30	21.25	21.25	0.133	23.4	0.219	30
707.5MHz_RB 1,#RB M	Pass	4.30	21.31	21.31	0.135	23.46	0.222	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.28	21.28	0.134	23.43	0.220	30
707.5MHz_RB 3,#RB L	Pass	4.30	21.03	21.03	0.127	23.18	0.208	30
707.5MHz_RB 3,#RB M	Pass	4.30	21.14	21.14	0.130	23.29	0.213	30
707.5MHz_RB 3,#RB H	Pass	4.30	21.09	21.09	0.129	23.24	0.211	30
715.3MHz_RB 6,#RB 0	Pass	4.30	19.63	19.63	0.092	21.78	0.151	30
715.3MHz_RB 1,#RB L	Pass	4.30	20.97	20.97	0.125	23.12	0.205	30
715.3MHz_RB 1,#RB M	Pass	4.30	20.80	20.80	0.120	22.95	0.197	30
715.3MHz_RB 1,#RB H	Pass	4.30	20.95	20.95	0.124	23.1	0.204	30
715.3MHz_RB 3,#RB L	Pass	4.30	20.62	20.62	0.115	22.77	0.189	30
715.3MHz_RB 3,#RB M	Pass	4.30	20.74	20.74	0.119	22.89	0.195	30
715.3MHz_RB 3,#RB H	Pass	4.30	20.57	20.57	0.114	22.72	0.187	30
Band 12_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	4.30	20.94	20.94	0.124	23.09	0.204	30
700.5MHz_RB 1,#RB L	Pass	4.30	21.62	21.62	0.145	23.77	0.238	30



Average Power Results

Appendix A.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
700.5MHz_RB 1,#RB M	Pass	4.30	21.81	21.81	0.152	23.96	0.249	30
700.5MHz_RB 1,#RB H	Pass	4.30	21.76	21.76	0.150	23.91	0.246	30
700.5MHz_RB 8,#RB L	Pass	4.30	20.79	20.79	0.120	22.94	0.197	30
700.5MHz_RB 8,#RB M	Pass	4.30	20.99	20.99	0.126	23.14	0.206	30
700.5MHz_RB 8,#RB H	Pass	4.30	21.02	21.02	0.126	23.17	0.207	30
707.5MHz_RB 15,#RB 0	Pass	4.30	21.04	21.04	0.127	23.19	0.208	30
707.5MHz_RB 1,#RB L	Pass	4.30	21.82	21.82	0.152	23.97	0.249	30
707.5MHz_RB 1,#RB M	Pass	4.30	22.08	22.08	0.161	24.23	0.265	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.84	21.84	0.153	23.99	0.251	30
707.5MHz_RB 8,#RB L	Pass	4.30	21.10	21.10	0.129	23.25	0.211	30
707.5MHz_RB 8,#RB M	Pass	4.30	21.16	21.16	0.131	23.31	0.214	30
707.5MHz_RB 8,#RB H	Pass	4.30	21.07	21.07	0.128	23.22	0.210	30
714.5MHz_RB 15,#RB 0	Pass	4.30	20.71	20.71	0.118	22.86	0.193	30
714.5MHz_RB 1,#RB L	Pass	4.30	21.63	21.63	0.146	23.78	0.239	30
714.5MHz_RB 1,#RB M	Pass	4.30	21.50	21.50	0.141	23.65	0.232	30
714.5MHz_RB 1,#RB H	Pass	4.30	21.46	21.46	0.140	23.61	0.230	30
714.5MHz_RB 8,#RB L	Pass	4.30	20.80	20.80	0.120	22.95	0.197	30
714.5MHz_RB 8,#RB M	Pass	4.30	20.75	20.75	0.119	22.9	0.195	30
714.5MHz_RB 8,#RB H	Pass	4.30	20.58	20.58	0.114	22.73	0.187	30
Band 12_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	4.30	19.91	19.91	0.098	22.06	0.161	30
700.5MHz_RB 1,#RB L	Pass	4.30	21.00	21.00	0.126	23.15	0.207	30
700.5MHz_RB 1,#RB M	Pass	4.30	21.31	21.31	0.135	23.46	0.222	30
700.5MHz_RB 1,#RB H	Pass	4.30	21.18	21.18	0.131	23.33	0.215	30
700.5MHz_RB 8,#RB L	Pass	4.30	19.84	19.84	0.096	21.99	0.158	30
700.5MHz_RB 8,#RB M	Pass	4.30	20.05	20.05	0.101	22.2	0.166	30
700.5MHz_RB 8,#RB H	Pass	4.30	20.12	20.12	0.103	22.27	0.169	30
707.5MHz_RB 15,#RB 0	Pass	4.30	20.04	20.04	0.101	22.19	0.166	30
707.5MHz_RB 1,#RB L	Pass	4.30	21.52	21.52	0.142	23.67	0.233	30
707.5MHz_RB 1,#RB M	Pass	4.30	21.54	21.54	0.143	23.69	0.234	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.41	21.41	0.138	23.56	0.227	30
707.5MHz_RB 8,#RB L	Pass	4.30	20.18	20.18	0.104	22.33	0.171	30
707.5MHz_RB 8,#RB M	Pass	4.30	20.24	20.24	0.106	22.39	0.173	30
707.5MHz_RB 8,#RB H	Pass	4.30	20.17	20.17	0.104	22.32	0.171	30
714.5MHz_RB 15,#RB 0	Pass	4.30	19.78	19.78	0.095	21.93	0.156	30
714.5MHz_RB 1,#RB L	Pass	4.30	21.02	21.02	0.126	23.17	0.207	30
714.5MHz_RB 1,#RB M	Pass	4.30	21.16	21.16	0.131	23.31	0.214	30
714.5MHz_RB 1,#RB H	Pass	4.30	20.97	20.97	0.125	23.12	0.205	30
714.5MHz_RB 8,#RB L	Pass	4.30	19.84	19.84	0.096	21.99	0.158	30
714.5MHz_RB 8,#RB M	Pass	4.30	19.87	19.87	0.097	22.02	0.159	30
714.5MHz_RB 8,#RB H	Pass	4.30	19.74	19.74	0.094	21.89	0.155	30
Band 12_LTE_5MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	4.30	21.21	21.21	0.132	23.36	0.217	30
701.5MHz_RB 1,#RB L	Pass	4.30	21.92	21.92	0.156	24.07	0.255	30
701.5MHz_RB 1,#RB M	Pass	4.30	22.45	22.45	0.176	24.6	0.288	30
701.5MHz_RB 1,#RB H	Pass	4.30	22.11	22.11	0.163	24.26	0.267	30
701.5MHz_RB 12,#RB L	Pass	4.30	21.08	21.08	0.128	23.23	0.210	30
701.5MHz_RB 12,#RB M	Pass	4.30	21.30	21.30	0.135	23.45	0.221	30



Average Power Results

Appendix A.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
701.5MHz_RB 12,#RB H	Pass	4.30	21.32	21.32	0.136	23.47	0.222	30
707.5MHz_RB 25,#RB 0	Pass	4.30	21.18	21.18	0.131	23.33	0.215	30
707.5MHz_RB 1,#RB L	Pass	4.30	22.28	22.28	0.169	24.43	0.277	30
707.5MHz_RB 1,#RB M	Pass	4.30	22.32	22.32	0.171	24.47	0.280	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.99	21.99	0.158	24.14	0.259	30
707.5MHz_RB 12,#RB L	Pass	4.30	21.17	21.17	0.131	23.32	0.215	30
707.5MHz_RB 12,#RB M	Pass	4.30	21.20	21.20	0.132	23.35	0.216	30
707.5MHz_RB 12,#RB H	Pass	4.30	21.10	21.10	0.129	23.25	0.211	30
713.5MHz_RB 25,#RB 0	Pass	4.30	20.91	20.91	0.123	23.06	0.202	30
713.5MHz_RB 1,#RB L	Pass	4.30	22.03	22.03	0.160	24.18	0.262	30
713.5MHz_RB 1,#RB M	Pass	4.30	22.08	22.08	0.161	24.23	0.265	30
713.5MHz_RB 1,#RB H	Pass	4.30	21.61	21.61	0.145	23.76	0.238	30
713.5MHz_RB 12,#RB L	Pass	4.30	20.94	20.94	0.124	23.09	0.204	30
713.5MHz_RB 12,#RB M	Pass	4.30	21.04	21.04	0.127	23.19	0.208	30
713.5MHz_RB 12,#RB H	Pass	4.30	20.86	20.86	0.122	23.01	0.200	30
Band 12_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	4.30	20.26	20.26	0.106	22.41	0.174	30
701.5MHz_RB 1,#RB L	Pass	4.30	21.39	21.39	0.138	23.54	0.226	30
701.5MHz_RB 1,#RB M	Pass	4.30	21.97	21.97	0.157	24.12	0.258	30
701.5MHz_RB 1,#RB H	Pass	4.30	21.84	21.84	0.153	23.99	0.251	30
701.5MHz_RB 12,#RB L	Pass	4.30	20.24	20.24	0.106	22.39	0.173	30
701.5MHz_RB 12,#RB M	Pass	4.30	20.42	20.42	0.110	22.57	0.181	30
701.5MHz_RB 12,#RB H	Pass	4.30	20.44	20.44	0.111	22.59	0.182	30
707.5MHz_RB 25,#RB 0	Pass	4.30	20.19	20.19	0.104	22.34	0.171	30
707.5MHz_RB 1,#RB L	Pass	4.30	21.75	21.75	0.150	23.9	0.245	30
707.5MHz_RB 1,#RB M	Pass	4.30	21.84	21.84	0.153	23.99	0.251	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.50	21.50	0.141	23.65	0.232	30
707.5MHz_RB 12,#RB L	Pass	4.30	20.24	20.24	0.106	22.39	0.173	30
707.5MHz_RB 12,#RB M	Pass	4.30	20.28	20.28	0.107	22.43	0.175	30
707.5MHz_RB 12,#RB H	Pass	4.30	20.20	20.20	0.105	22.35	0.172	30
713.5MHz_RB 25,#RB 0	Pass	4.30	19.96	19.96	0.099	22.11	0.163	30
713.5MHz_RB 1,#RB L	Pass	4.30	21.53	21.53	0.142	23.68	0.233	30
713.5MHz_RB 1,#RB M	Pass	4.30	21.54	21.54	0.143	23.69	0.234	30
713.5MHz_RB 1,#RB H	Pass	4.30	21.32	21.32	0.136	23.47	0.222	30
713.5MHz_RB 12,#RB L	Pass	4.30	20.14	20.14	0.103	22.29	0.169	30
713.5MHz_RB 12,#RB M	Pass	4.30	20.11	20.11	0.103	22.26	0.168	30
713.5MHz_RB 12,#RB H	Pass	4.30	20.02	20.02	0.100	22.17	0.165	30
Band 12_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	4.30	21.24	21.24	0.133	23.39	0.218	30
704.5MHz_RB 1,#RB L	Pass	4.30	22.04	22.04	0.160	24.19	0.262	30
704.5MHz_RB 1,#RB M	Pass	4.30	22.34	22.34	0.171	24.49	0.281	30
704.5MHz_RB 1,#RB H	Pass	4.30	22.10	22.10	0.162	24.25	0.266	30
704.5MHz_RB 25,#RB L	Pass	4.30	21.20	21.20	0.132	23.35	0.216	30
704.5MHz_RB 25,#RB M	Pass	4.30	21.26	21.26	0.134	23.41	0.219	30
704.5MHz_RB 25,#RB H	Pass	4.30	21.16	21.16	0.131	23.31	0.214	30
707.5MHz_RB 50,#RB 0	Pass	4.30	21.28	21.28	0.134	23.43	0.220	30
707.5MHz_RB 1,#RB L	Pass	4.30	22.51	22.51	0.178	24.66	0.292	30
707.5MHz_RB 1,#RB M	Pass	4.30	22.24	22.24	0.167	24.39	0.275	30



Average Power Results

Appendix A.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
707.5MHz_RB 1,#RB H	Pass	4.30	22.26	22.26	0.168	24.41	0.276	30
707.5MHz_RB 25,#RB L	Pass	4.30	21.36	21.36	0.137	23.51	0.224	30
707.5MHz_RB 25,#RB M	Pass	4.30	21.19	21.19	0.132	23.34	0.216	30
707.5MHz_RB 25,#RB H	Pass	4.30	21.10	21.10	0.129	23.25	0.211	30
711MHz_RB 50,#RB 0	Pass	4.30	21.14	21.14	0.130	23.29	0.213	30
711MHz_RB 1,#RB L	Pass	4.30	22.37	22.37	0.173	24.52	0.283	30
711MHz_RB 1,#RB M	Pass	4.30	22.11	22.11	0.163	24.26	0.267	30
711MHz_RB 1,#RB H	Pass	4.30	21.89	21.89	0.155	24.04	0.254	30
711MHz_RB 25,#RB L	Pass	4.30	21.21	21.21	0.132	23.36	0.217	30
711MHz_RB 25,#RB M	Pass	4.30	21.06	21.06	0.128	23.21	0.209	30
711MHz_RB 25,#RB H	Pass	4.30	20.91	20.91	0.123	23.06	0.202	30
Band 12_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	4.30	20.22	20.22	0.105	22.37	0.173	30
704.5MHz_RB 1,#RB L	Pass	4.30	21.53	21.53	0.142	23.68	0.233	30
704.5MHz_RB 1,#RB M	Pass	4.30	21.90	21.90	0.155	24.05	0.254	30
704.5MHz_RB 1,#RB H	Pass	4.30	21.36	21.36	0.137	23.51	0.224	30
704.5MHz_RB 25,#RB L	Pass	4.30	20.27	20.27	0.106	22.42	0.175	30
704.5MHz_RB 25,#RB M	Pass	4.30	20.33	20.33	0.108	22.48	0.177	30
704.5MHz_RB 25,#RB H	Pass	4.30	20.18	20.18	0.104	22.33	0.171	30
707.5MHz_RB 50,#RB 0	Pass	4.30	20.24	20.24	0.106	22.39	0.173	30
707.5MHz_RB 1,#RB L	Pass	4.30	21.90	21.90	0.155	24.05	0.254	30
707.5MHz_RB 1,#RB M	Pass	4.30	21.69	21.69	0.148	23.84	0.242	30
707.5MHz_RB 1,#RB H	Pass	4.30	21.38	21.38	0.137	23.53	0.225	30
707.5MHz_RB 25,#RB L	Pass	4.30	20.45	20.45	0.111	22.6	0.182	30
707.5MHz_RB 25,#RB M	Pass	4.30	20.22	20.22	0.105	22.37	0.173	30
707.5MHz_RB 25,#RB H	Pass	4.30	20.13	20.13	0.103	22.28	0.169	30
711MHz_RB 50,#RB 0	Pass	4.30	20.14	20.14	0.103	22.29	0.169	30
711MHz_RB 1,#RB L	Pass	4.30	21.55	21.55	0.143	23.7	0.234	30
711MHz_RB 1,#RB M	Pass	4.30	21.74	21.74	0.149	23.89	0.245	30
711MHz_RB 1,#RB H	Pass	4.30	21.18	21.18	0.131	23.33	0.215	30
711MHz_RB 25,#RB L	Pass	4.30	20.27	20.27	0.106	22.42	0.175	30
711MHz_RB 25,#RB M	Pass	4.30	20.14	20.14	0.103	22.29	0.169	30
711MHz_RB 25,#RB H	Pass	4.30	19.95	19.95	0.099	22.1	0.162	30

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



<Mode 8> EUT 2 + LTE Band 13 Link

Summary

Mode	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)
Band 13	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	20.79	0.120	24.04	0.254
LTE_5MHz_Nss1,16QAM_1TX	19.89	0.097	23.14	0.206
LTE_10MHz_Nss1,QPSK_1TX	20.75	0.119	24	0.251
LTE_10MHz_Nss1,16QAM_1TX	19.90	0.098	23.15	0.207



Average Power Results

Appendix A.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
Band 13_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	5.40	19.51	19.51	0.089	22.76	0.189	30
779.5MHz_RB 1,#RB L	Pass	5.40	20.34	20.34	0.108	23.59	0.229	30
779.5MHz_RB 1,#RB M	Pass	5.40	20.53	20.53	0.113	23.78	0.239	30
779.5MHz_RB 1,#RB H	Pass	5.40	20.44	20.44	0.111	23.69	0.234	30
779.5MHz_RB 12,#RB L	Pass	5.40	19.49	19.49	0.089	22.74	0.188	30
779.5MHz_RB 12,#RB M	Pass	5.40	19.47	19.47	0.089	22.72	0.187	30
779.5MHz_RB 12,#RB H	Pass	5.40	19.39	19.39	0.087	22.64	0.184	30
782MHz_RB 25,#RB 0	Pass	5.40	19.47	19.47	0.089	22.72	0.187	30
782MHz_RB 1,#RB L	Pass	5.40	20.58	20.58	0.114	23.83	0.242	30
782MHz_RB 1,#RB M	Pass	5.40	20.79	20.79	0.120	24.04	0.254	30
782MHz_RB 1,#RB H	Pass	5.40	20.66	20.66	0.116	23.91	0.246	30
782MHz_RB 12,#RB L	Pass	5.40	19.43	19.43	0.088	22.68	0.185	30
782MHz_RB 12,#RB M	Pass	5.40	19.50	19.50	0.089	22.75	0.188	30
782MHz_RB 12,#RB H	Pass	5.40	19.48	19.48	0.089	22.73	0.187	30
784.5MHz_RB 25,#RB 0	Pass	5.40	19.40	19.40	0.087	22.65	0.184	30
784.5MHz_RB 1,#RB L	Pass	5.40	20.47	20.47	0.111	23.72	0.236	30
784.5MHz_RB 1,#RB M	Pass	5.40	20.63	20.63	0.116	23.88	0.244	30
784.5MHz_RB 1,#RB H	Pass	5.40	20.44	20.44	0.111	23.69	0.234	30
784.5MHz_RB 12,#RB L	Pass	5.40	19.37	19.37	0.086	22.62	0.183	30
784.5MHz_RB 12,#RB M	Pass	5.40	19.45	19.45	0.088	22.7	0.186	30
784.5MHz_RB 12,#RB H	Pass	5.40	19.40	19.40	0.087	22.65	0.184	30
Band 13_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	5.40	18.54	18.54	0.071	21.79	0.151	30
779.5MHz_RB 1,#RB L	Pass	5.40	19.73	19.73	0.094	22.98	0.199	30
779.5MHz_RB 1,#RB M	Pass	5.40	19.71	19.71	0.094	22.96	0.198	30
779.5MHz_RB 1,#RB H	Pass	5.40	19.69	19.69	0.093	22.94	0.197	30
779.5MHz_RB 12,#RB L	Pass	5.40	18.40	18.40	0.069	21.65	0.146	30
779.5MHz_RB 12,#RB M	Pass	5.40	18.50	18.50	0.071	21.75	0.150	30
779.5MHz_RB 12,#RB H	Pass	5.40	18.46	18.46	0.070	21.71	0.148	30
782MHz_RB 25,#RB 0	Pass	5.40	18.54	18.54	0.071	21.79	0.151	30
782MHz_RB 1,#RB L	Pass	5.40	19.86	19.86	0.097	23.11	0.205	30
782MHz_RB 1,#RB M	Pass	5.40	19.89	19.89	0.097	23.14	0.206	30
782MHz_RB 1,#RB H	Pass	5.40	19.87	19.87	0.097	23.12	0.205	30
782MHz_RB 12,#RB L	Pass	5.40	18.51	18.51	0.071	21.76	0.150	30
782MHz_RB 12,#RB M	Pass	5.40	18.53	18.53	0.071	21.78	0.151	30
782MHz_RB 12,#RB H	Pass	5.40	18.55	18.55	0.072	21.8	0.151	30
784.5MHz_RB 25,#RB 0	Pass	5.40	18.45	18.45	0.070	21.7	0.148	30
784.5MHz_RB 1,#RB L	Pass	5.40	19.72	19.72	0.094	22.97	0.198	30
784.5MHz_RB 1,#RB M	Pass	5.40	19.74	19.74	0.094	22.99	0.199	30
784.5MHz_RB 1,#RB H	Pass	5.40	19.76	19.76	0.095	23.01	0.200	30
784.5MHz_RB 12,#RB L	Pass	5.40	18.42	18.42	0.070	21.67	0.147	30
784.5MHz_RB 12,#RB M	Pass	5.40	18.52	18.52	0.071	21.77	0.150	30
784.5MHz_RB 12,#RB H	Pass	5.40	18.47	18.47	0.070	21.72	0.149	30
Band 13_LTE_10MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	5.40	19.65	19.65	0.092	22.9	0.195	30
782MHz_RB 1,#RB L	Pass	5.40	20.65	20.65	0.116	23.9	0.245	30



Average Power Results

Appendix A.8

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	ERP (dBm)	ERP (W)	ERP Lim. (W)
782MHz_RB 1,#RB M	Pass	5.40	20.52	20.52	0.113	23.77	0.238	30
782MHz_RB 1,#RB H	Pass	5.40	20.75	20.75	0.119	24	0.251	30
782MHz_RB 25,#RB L	Pass	5.40	19.67	19.67	0.093	22.92	0.196	30
782MHz_RB 25,#RB M	Pass	5.40	19.50	19.50	0.089	22.75	0.188	30
782MHz_RB 25,#RB H	Pass	5.40	19.50	19.50	0.089	22.75	0.188	30
Band 13_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	5.40	18.67	18.67	0.074	21.92	0.156	30
782MHz_RB 1,#RB L	Pass	5.40	19.90	19.90	0.098	23.15	0.207	30
782MHz_RB 1,#RB M	Pass	5.40	19.89	19.89	0.097	23.14	0.206	30
782MHz_RB 1,#RB H	Pass	5.40	19.81	19.81	0.096	23.06	0.202	30
782MHz_RB 25,#RB L	Pass	5.40	18.66	18.66	0.073	21.91	0.155	30
782MHz_RB 25,#RB M	Pass	5.40	18.56	18.56	0.072	21.81	0.152	30
782MHz_RB 25,#RB H	Pass	5.40	18.53	18.53	0.071	21.78	0.151	30

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



<Mode 1> EUT 2 + WCDMA Band 2 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1880	13.00	2.58	1

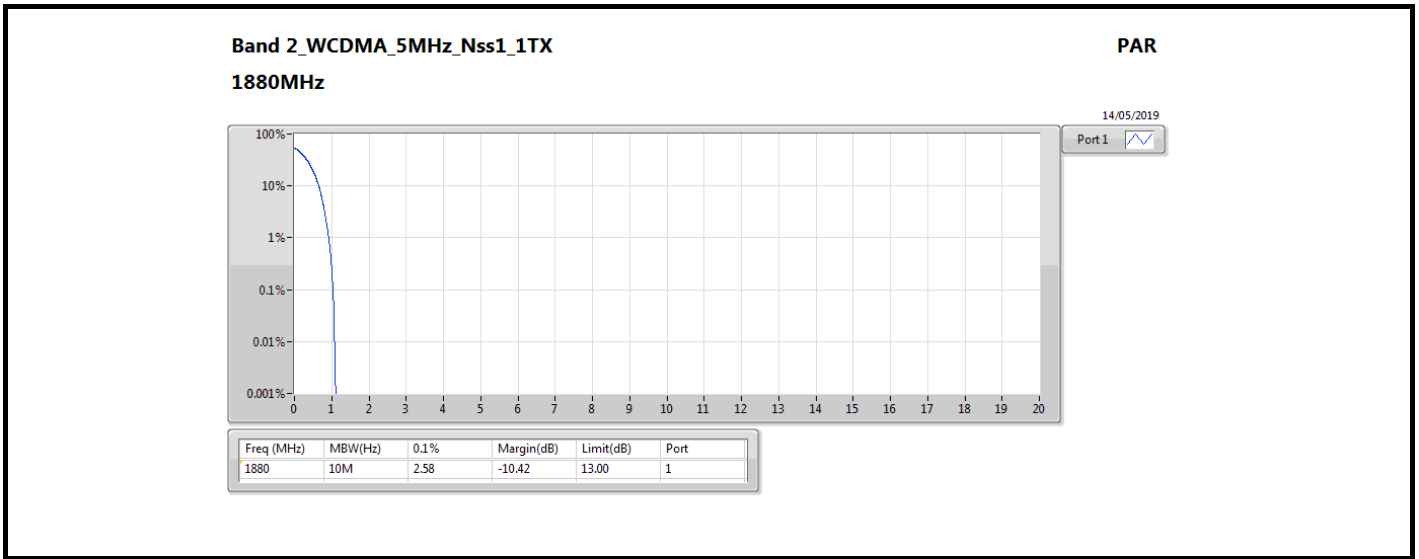


Peak to Average Power Ratio (PAPR) Results

Appendix B.1

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-
1880MHz	Pass	1880	13.00	2.58	1





<Mode 2> EUT 2 + WCDMA Band 4 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1732.6	13.00	2.27	1

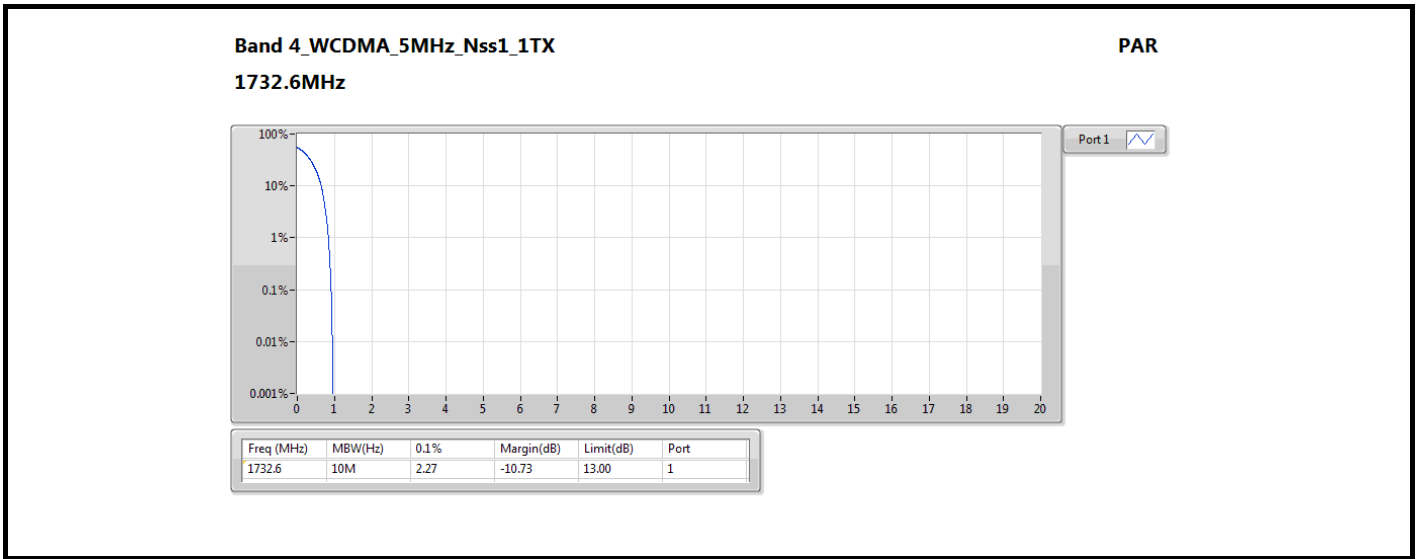


Peak to Average Power Ratio (PAPR) Results

Appendix B.2

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-
1732.6MHz	Pass	1732.6	13.00	2.27	1





<Mode 3> EUT 2 + WCDMA Band 5 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 5	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	836.6	13.00	2.87	1

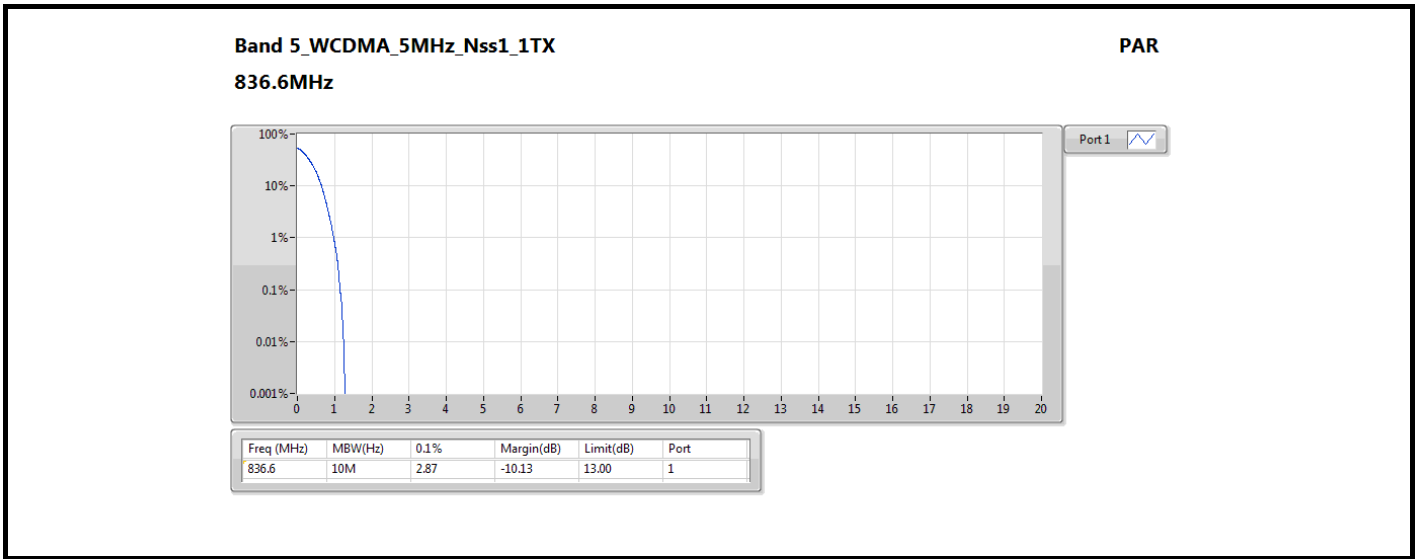


Peak to Average Power Ratio (PAPR) Results

Appendix B.3

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 5_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-
836.6MHz	Pass	836.6	13.00	2.87	1





<Mode 4> EUT 2 + LTE Band 2 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.21	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.09	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	1880	13.00	4.90	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.11	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.13	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	1880	13.00	5.83	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	1880	13.00	5.53	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.48	1
LTE_15MHz_Nss1,QPSK_1TX	Pass	1880	13.00	8.36	1
LTE_15MHz_Nss1,16QAM_1TX	Pass	1880	13.00	8.32	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	1880	13.00	6.27	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	1880	13.00	6.90	1



Peak to Average Power Ratio (PAPR) Results

Appendix B.4

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 6,#RB 0	Pass	1880	13.00	5.21	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.15	1
1880MHz_RB 3,#RB M	Pass	1880	13.00	4.63	1
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 6,#RB 0	Pass	1880	13.00	6.09	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	5.33	1
1880MHz_RB 3,#RB M	Pass	1880	13.00	5.58	1
Band 2_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 15,#RB 0	Pass	1880	13.00	4.90	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.56	1
1880MHz_RB 8,#RB M	Pass	1880	13.00	4.43	1
Band 2_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 15,#RB 0	Pass	1880	13.00	6.11	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	5.29	1
1880MHz_RB 8,#RB M	Pass	1880	13.00	5.79	1
Band 2_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 25,#RB 0	Pass	1880	13.00	5.13	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.07	1
1880MHz_RB 12,#RB M	Pass	1880	13.00	4.68	1
Band 2_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 25,#RB 0	Pass	1880	13.00	5.83	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.72	1
1880MHz_RB 12,#RB M	Pass	1880	13.00	5.63	1
Band 2_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 50,#RB 0	Pass	1880	13.00	5.53	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.10	1
1880MHz_RB 25,#RB M	Pass	1880	13.00	4.99	1
Band 2_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 50,#RB 0	Pass	1880	13.00	6.48	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	5.15	1
1880MHz_RB 25,#RB M	Pass	1880	13.00	5.93	1
Band 2_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 75,#RB 0	Pass	1880	13.00	6.46	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	8.36	1
1880MHz_RB 36,#RB M	Pass	1880	13.00	6.76	1
Band 2_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 75,#RB 0	Pass	1880	13.00	7.36	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	8.32	1
1880MHz_RB 36,#RB M	Pass	1880	13.00	7.26	1
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-
1880MHz_RB 100,#RB 0	Pass	1880	13.00	6.27	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.15	1
1880MHz_RB 50,#RB M	Pass	1880	13.00	5.76	1



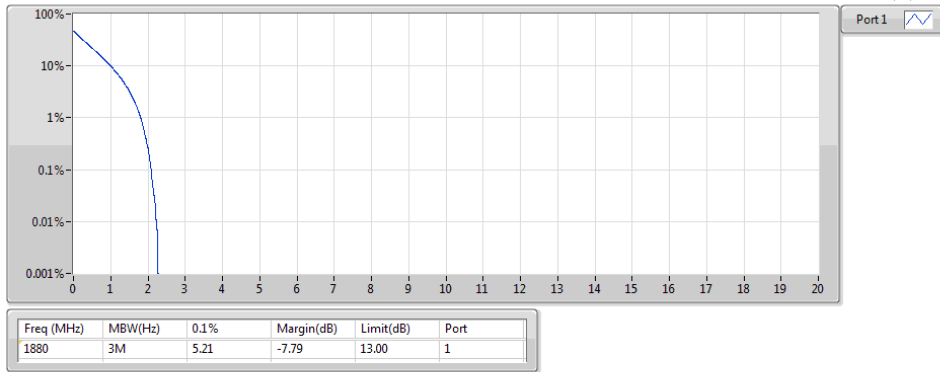
Peak to Average Power Ratio (PAPR) Results

Appendix B.4

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-
1880MHz_RB 100,#RB 0	Pass	1880	13.00	6.90	1
1880MHz_RB 1,#RB M	Pass	1880	13.00	4.78	1
1880MHz_RB 50,#RB M	Pass	1880	13.00	6.68	1

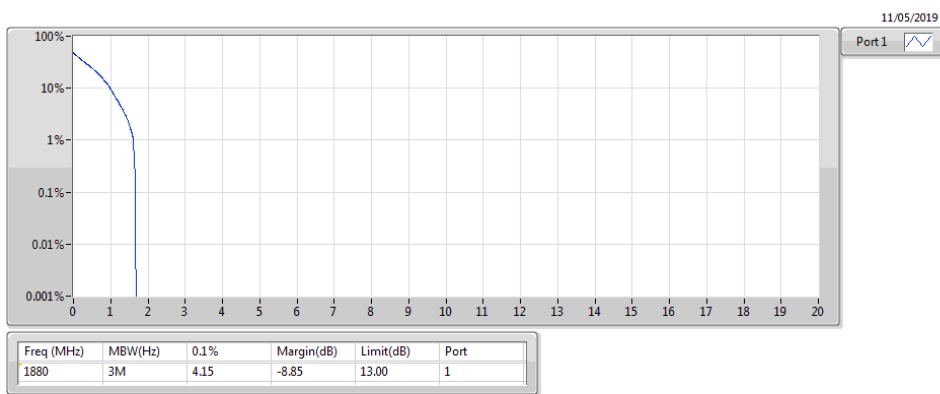
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 6,#RB 0

PAR



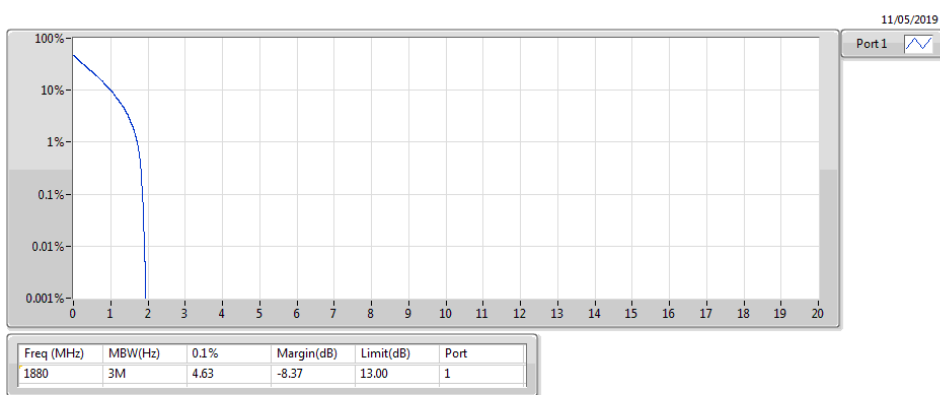
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



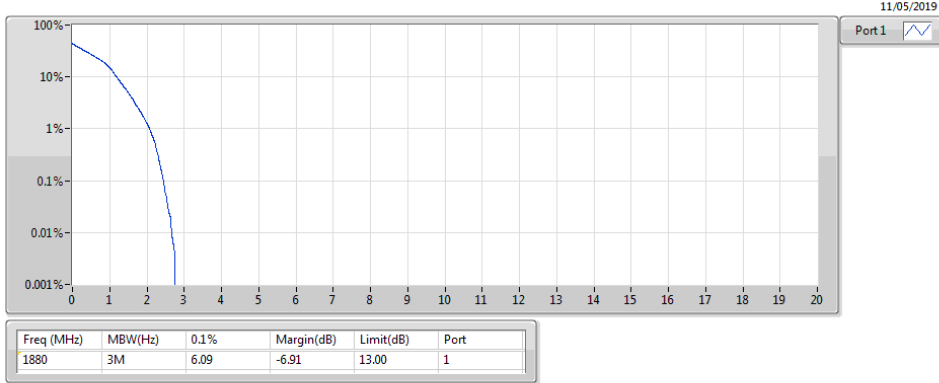
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 3,#RB M

PAR



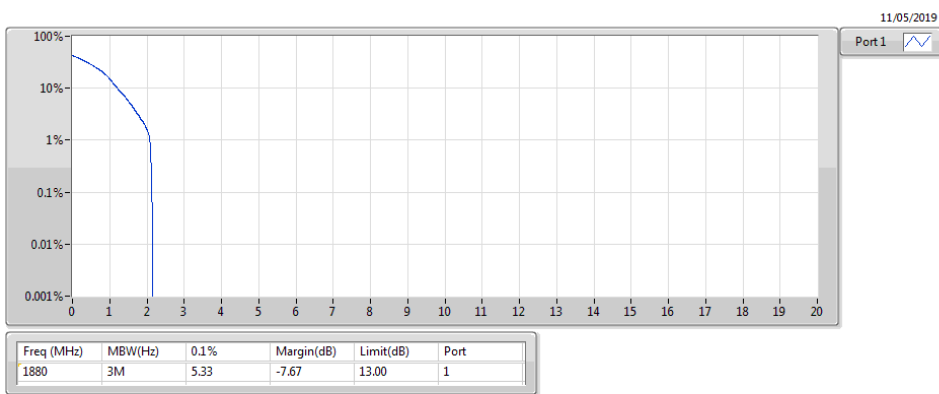
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 6,#RB 0

PAR



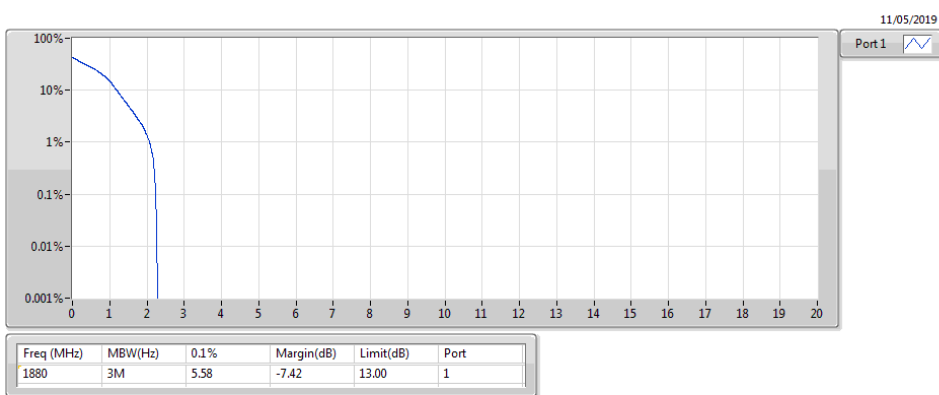
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PAR



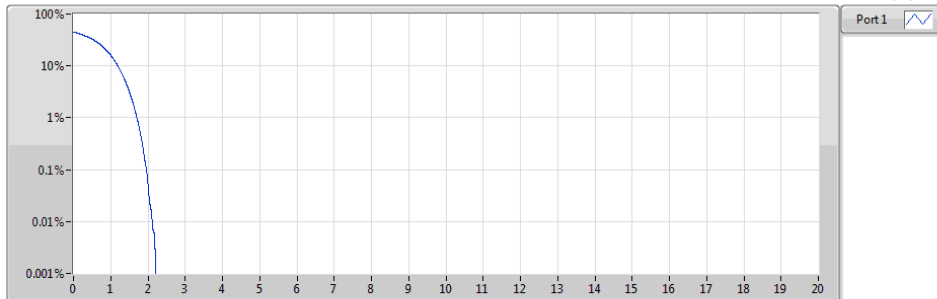
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX
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PAR



Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 15,#RB 0

PAR



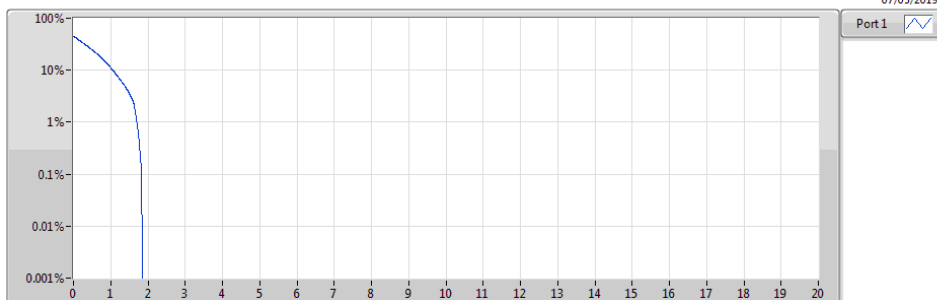
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	3M	4.90	-8.10	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



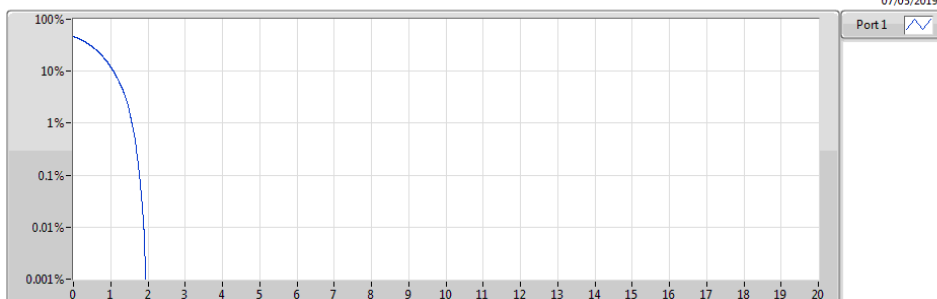
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	3M	4.56	-8.44	13.00	1

Band 2_LTE_3MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 8,#RB M

PAR



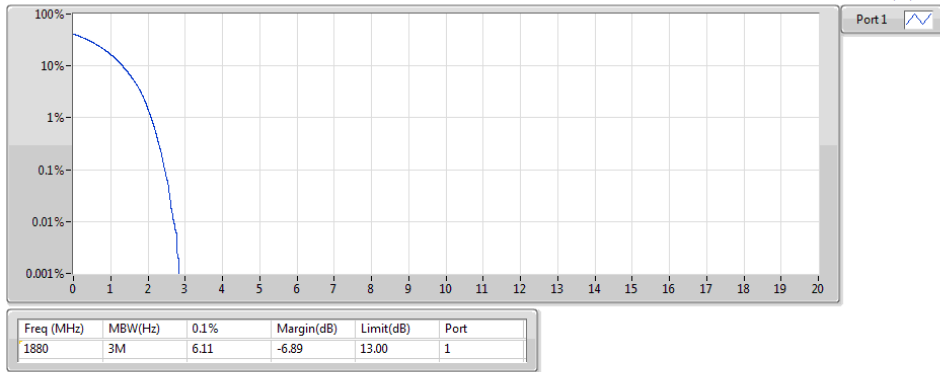
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	3M	4.43	-8.57	13.00	1

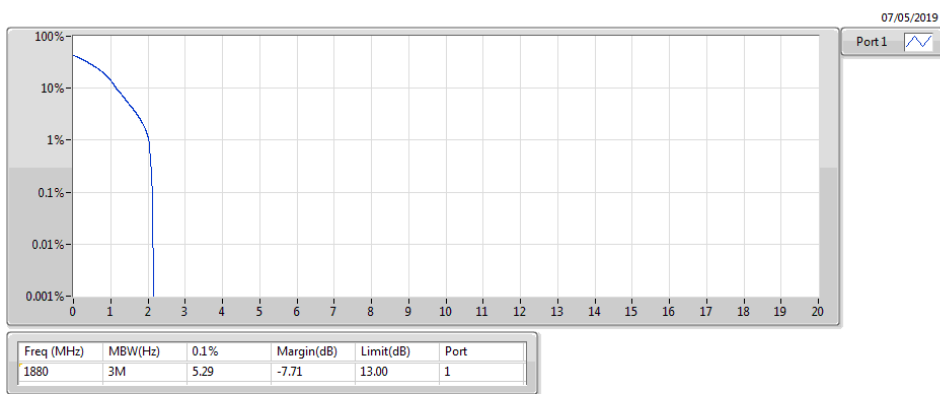
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 15,#RB 0

PAR



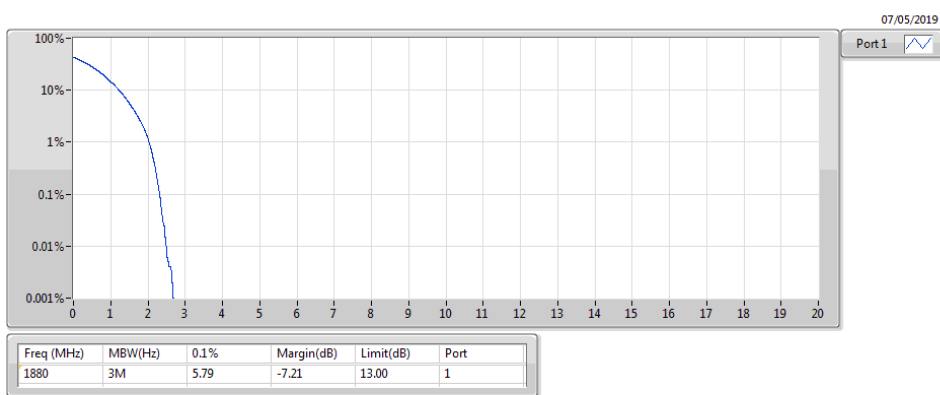
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

PAR



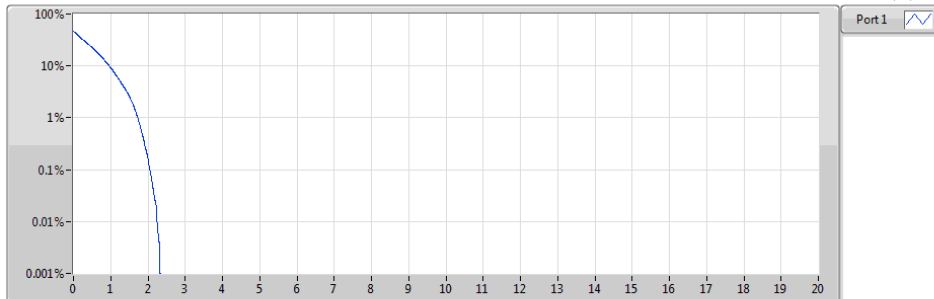
Band 2_LTE_3MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 8,#RB M

PAR



Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB 0

PAR



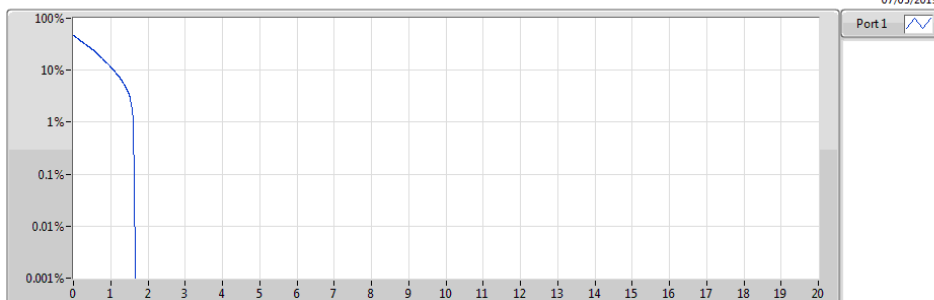
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	5.13	-7.87	13.00	1

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



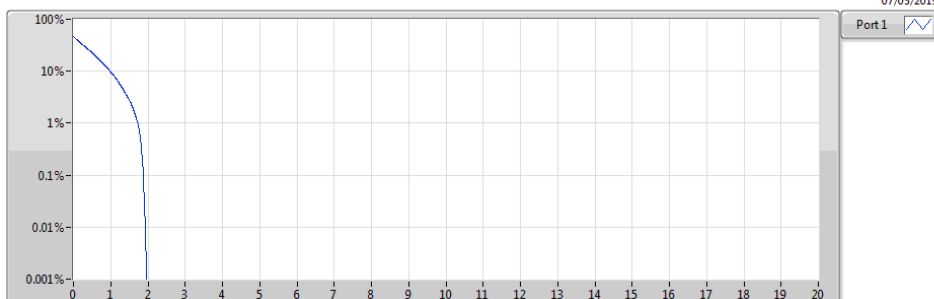
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	4.07	-8.93	13.00	1

Band 2_LTE_5MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 12,#RB M

PAR



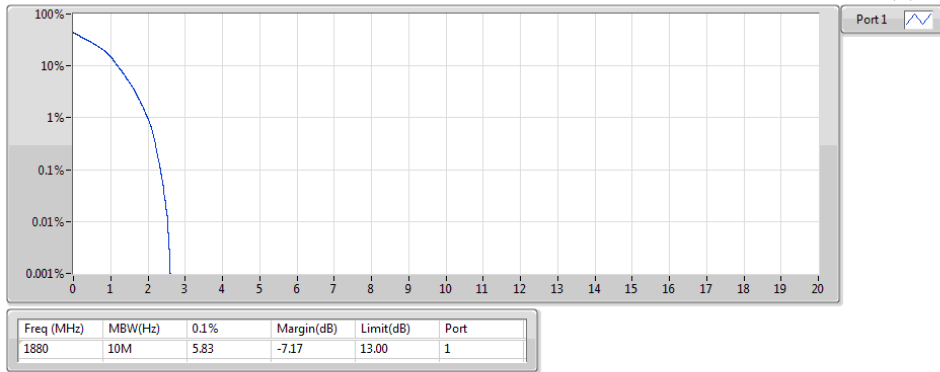
07/05/2019

Port 1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	4.68	-8.32	13.00	1

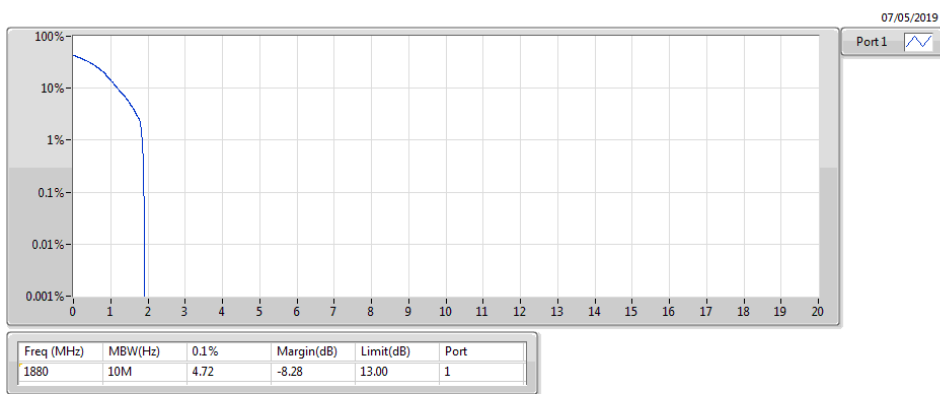
Band 2_LTE_5MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB 0

PAR



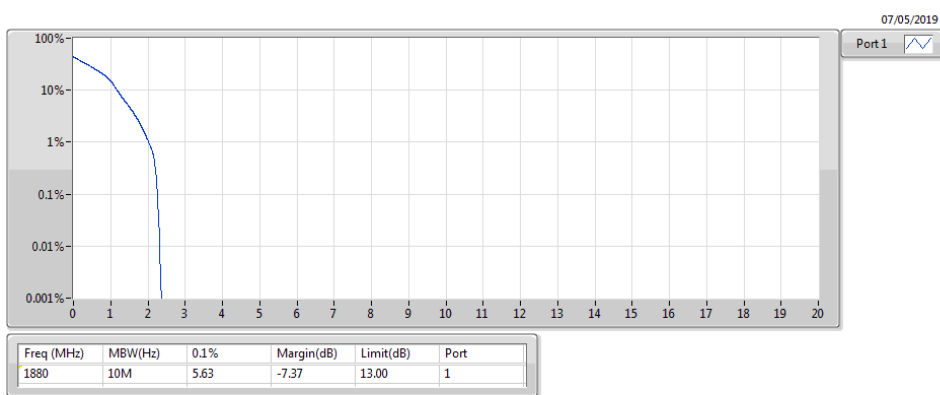
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1880MHz_16QAM_RB 1,#RB M

PAR



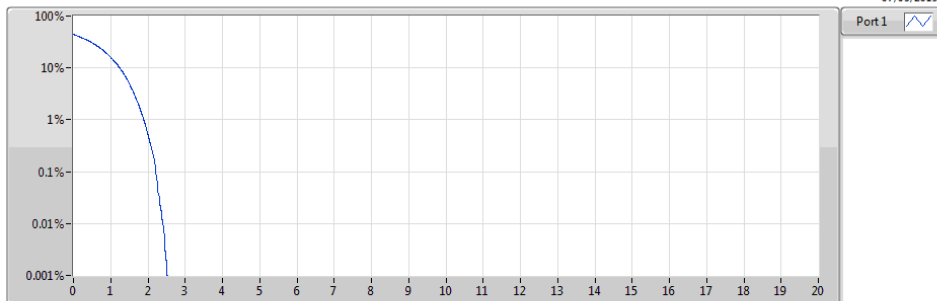
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1880MHz_16QAM_RB 12,#RB M

PAR



Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 50,#RB 0

PAR



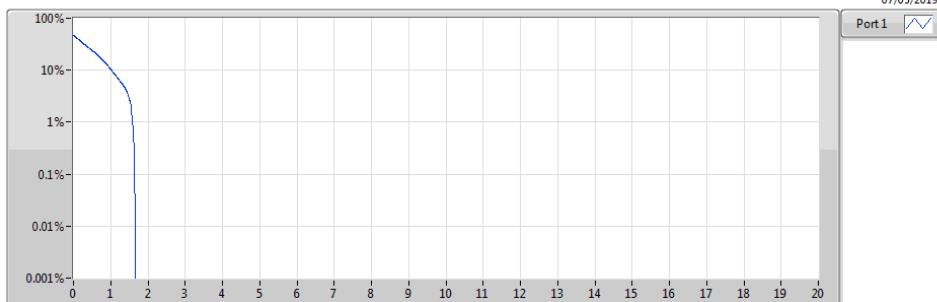
07/05/2019

Port1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	5.53	-7.47	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



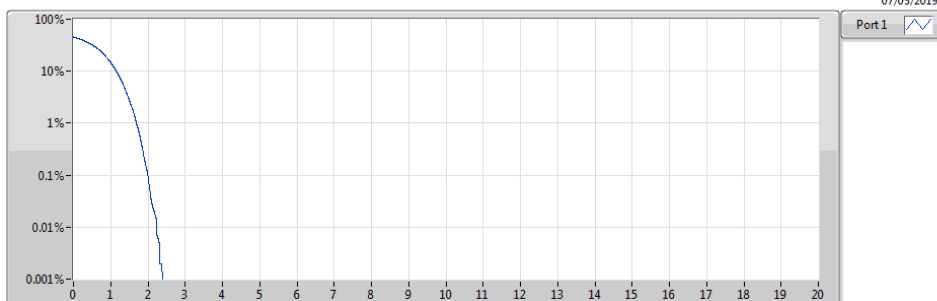
07/05/2019

Port1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	4.10	-8.90	13.00	1

Band 2_LTE_10MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 25,#RB M

PAR



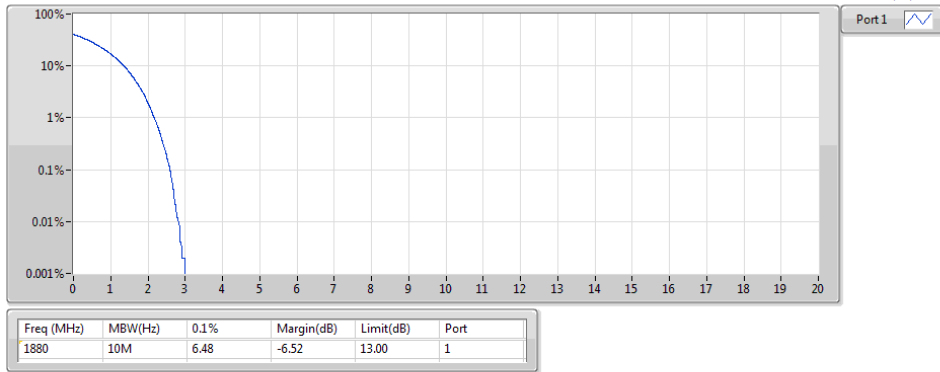
07/05/2019

Port1

Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	10M	4.99	-8.01	13.00	1

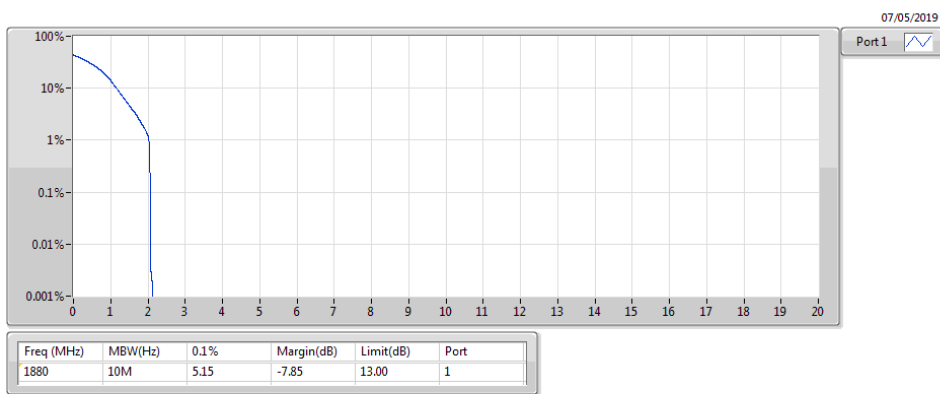
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 50,#RB 0

PAR



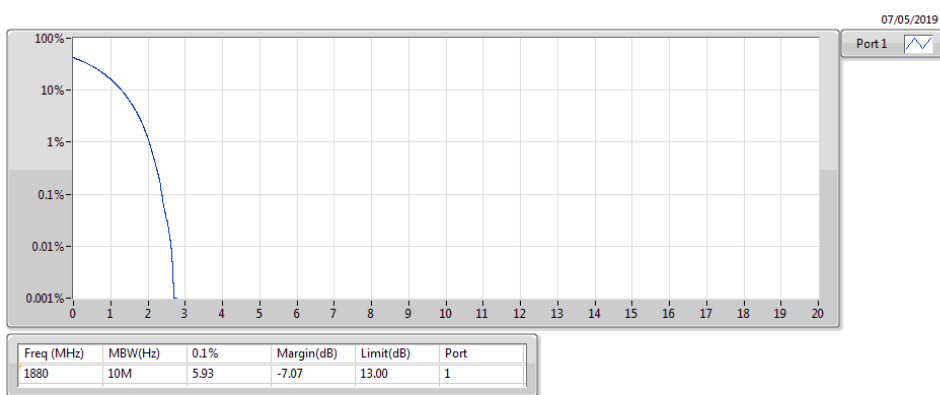
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

PAR



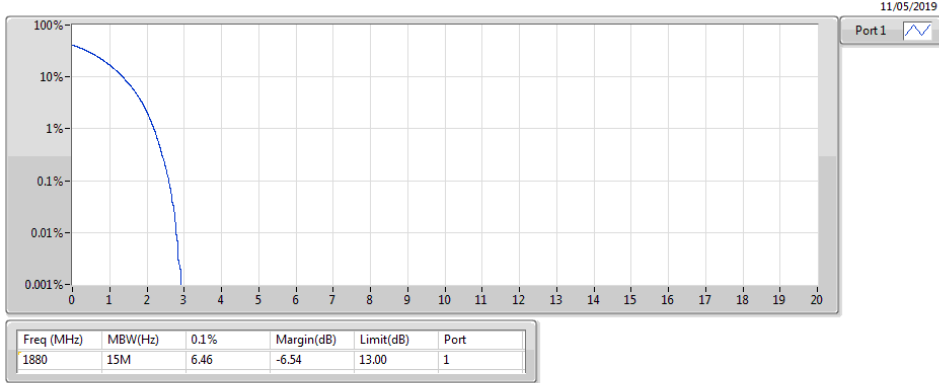
Band 2_LTE_10MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 25,#RB M

PAR



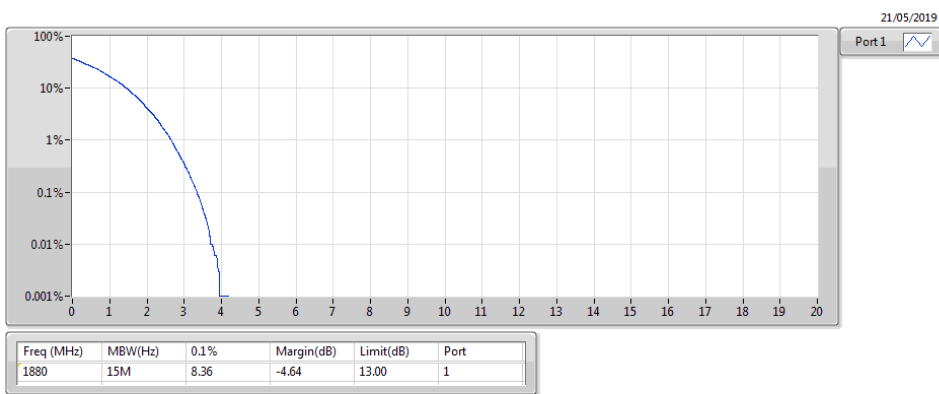
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 75,#RB 0

PAR



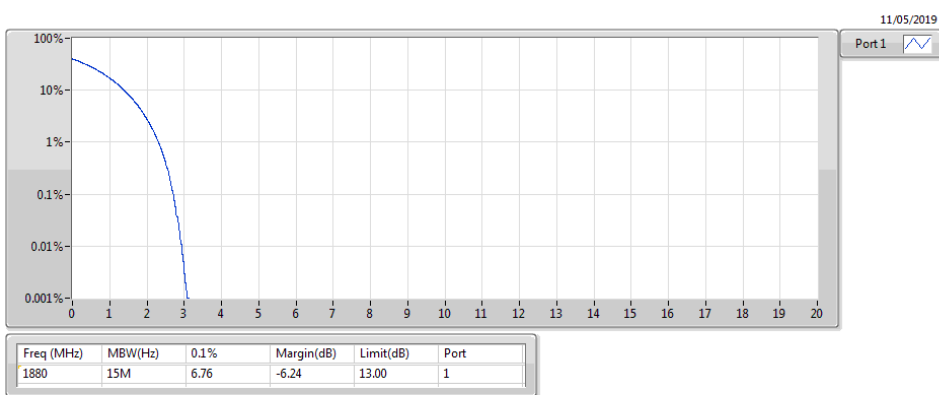
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



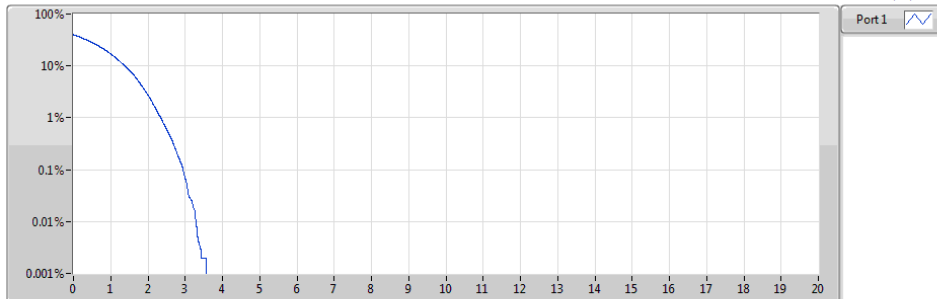
Band 2_LTE_15MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 36,#RB M

PAR



Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 75,#RB 0

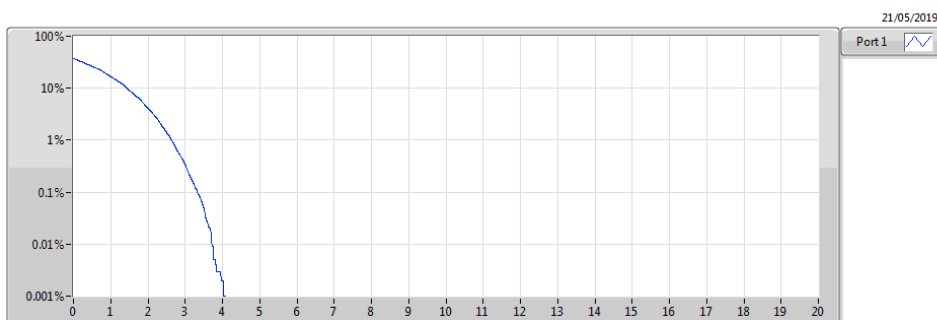
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	15M	7.36	-5.64	13.00	1

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

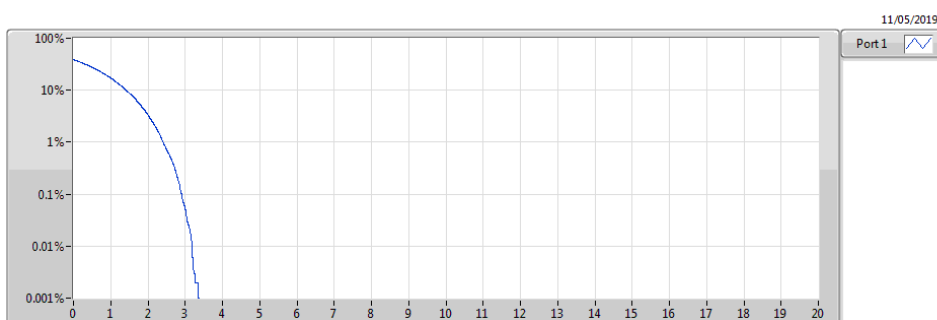
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	15M	8.32	-4.68	13.00	1

Band 2_LTE_15MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 36,#RB M

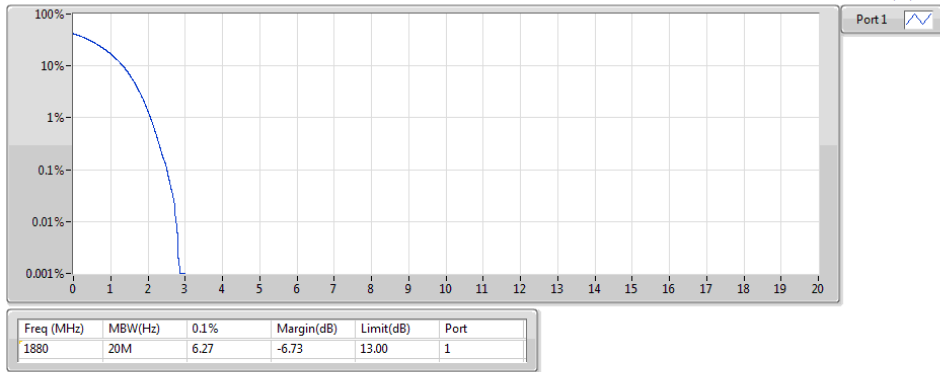
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	15M	7.26	-5.74	13.00	1

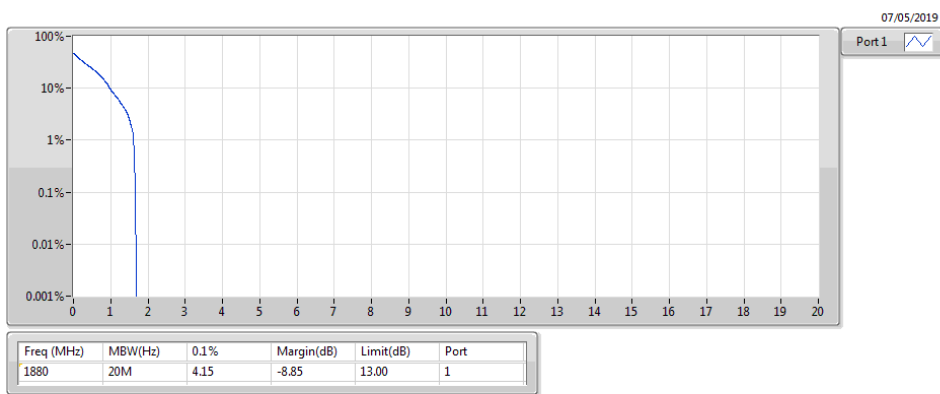
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 100,#RB 0

PAR



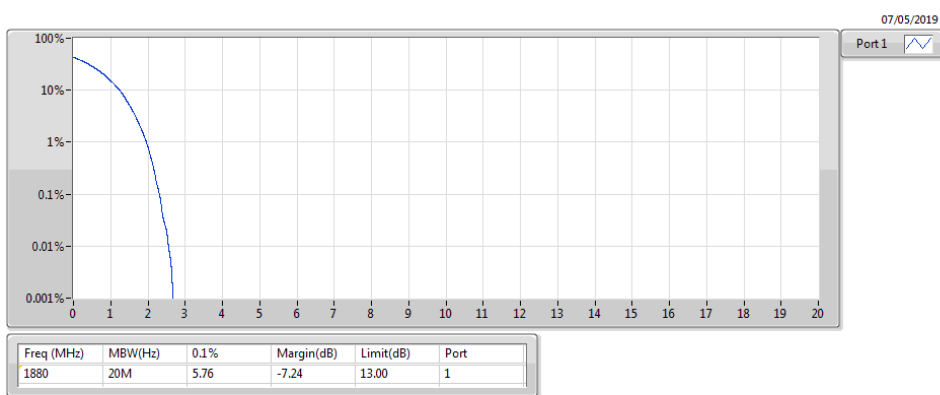
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 1,#RB M

PAR



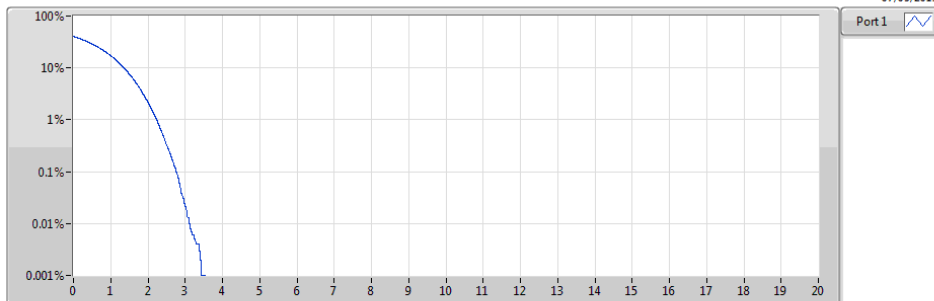
Band 2_LTE_20MHz_Nss1,QPSK_1TX
1880MHz_QPSK_RB 50,#RB M

PAR



Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 100,#RB 0

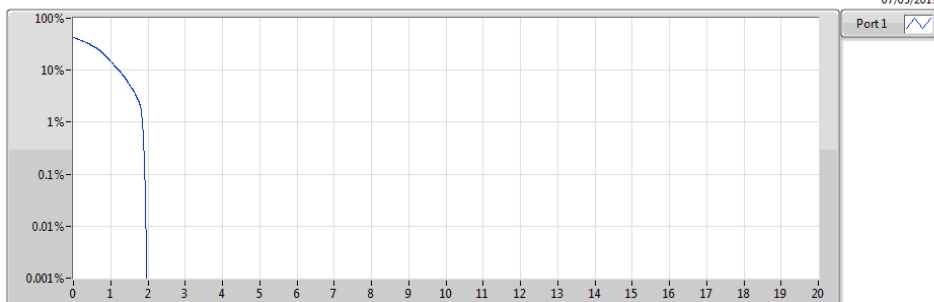
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.90	-6.10	13.00	1

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 1,#RB M

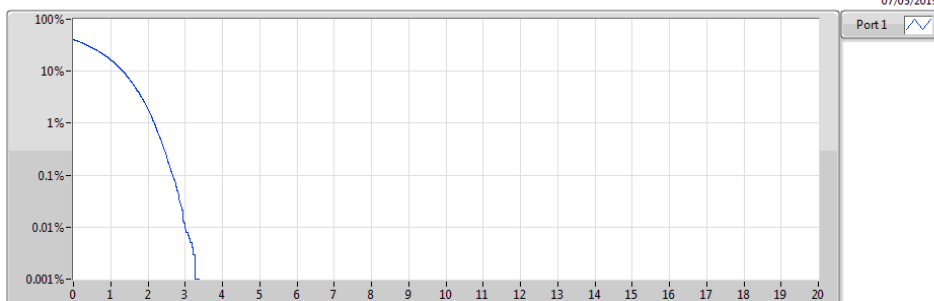
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	4.78	-8.22	13.00	1

Band 2_LTE_20MHz_Nss1,16QAM_1TX
1880MHz_16QAM_RB 50,#RB M

PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1880	20M	6.68	-6.32	13.00	1



<Mode 5> EUT 2 + LTE Band 4 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1754.3	13.00	5.43	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1754.3	13.00	6.21	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	1711.5	13.00	4.87	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	6.15	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	1752.5	13.00	5.11	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	1752.5	13.00	5.95	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	1750	13.00	5.61	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	6.56	1
LTE_15MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	7.02	1
LTE_15MHz_Nss1,16QAM_1TX	Pass	1747.5	13.00	7.48	1
LTE_20MHz_Nss1,QPSK_1TX	Pass	1732.5	13.00	6.66	1
LTE_20MHz_Nss1,16QAM_1TX	Pass	1732.5	13.00	7.12	1



Peak to Average Power Ratio (PAPR) Results

Appendix B.5

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	1710.7	13.00	4.88	1
1710.7MHz_RB 1,#RB M	Pass	1710.7	13.00	4.84	1
1710.7MHz_RB 3,#RB M	Pass	1710.7	13.00	4.94	1
1732.5MHz_RB 6,#RB 0	Pass	1732.5	13.00	4.98	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	3.62	1
1732.5MHz_RB 3,#RB M	Pass	1732.5	13.00	3.75	1
1754.3MHz_RB 6,#RB 0	Pass	1754.3	13.00	5.43	1
1754.3MHz_RB 1,#RB M	Pass	1754.3	13.00	4.40	1
1754.3MHz_RB 3,#RB M	Pass	1754.3	13.00	4.61	1
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	1710.7	13.00	4.87	1
1710.7MHz_RB 1,#RB M	Pass	1710.7	13.00	4.88	1
1710.7MHz_RB 3,#RB M	Pass	1710.7	13.00	4.81	1
1732.5MHz_RB 6,#RB 0	Pass	1732.5	13.00	5.74	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	4.43	1
1732.5MHz_RB 3,#RB M	Pass	1732.5	13.00	4.67	1
1754.3MHz_RB 6,#RB 0	Pass	1754.3	13.00	6.21	1
1754.3MHz_RB 1,#RB M	Pass	1754.3	13.00	5.32	1
1754.3MHz_RB 3,#RB M	Pass	1754.3	13.00	5.63	1
Band 4_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	1711.5	13.00	4.87	1
1711.5MHz_RB 1,#RB M	Pass	1711.5	13.00	3.88	1
1711.5MHz_RB 8,#RB M	Pass	1711.5	13.00	4.40	1
1732.5MHz_RB 15,#RB 0	Pass	1732.5	13.00	4.86	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	3.59	1
1732.5MHz_RB 8,#RB M	Pass	1732.5	13.00	4.46	1
1753.5MHz_RB 15,#RB 0	Pass	1753.5	13.00	4.82	1
1753.5MHz_RB 1,#RB M	Pass	1753.5	13.00	4.41	1
1753.5MHz_RB 8,#RB M	Pass	1753.5	13.00	4.47	1
Band 4_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	1711.5	13.00	6.08	1
1711.5MHz_RB 1,#RB M	Pass	1711.5	13.00	4.70	1
1711.5MHz_RB 8,#RB M	Pass	1711.5	13.00	5.65	1
1732.5MHz_RB 15,#RB 0	Pass	1732.5	13.00	6.15	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	4.48	1
1732.5MHz_RB 8,#RB M	Pass	1732.5	13.00	5.94	1
1753.5MHz_RB 15,#RB 0	Pass	1753.5	13.00	6.03	1
1753.5MHz_RB 1,#RB M	Pass	1753.5	13.00	5.25	1
1753.5MHz_RB 8,#RB M	Pass	1753.5	13.00	5.78	1
Band 4_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	1712.5	13.00	4.62	1
1712.5MHz_RB 1,#RB M	Pass	1712.5	13.00	3.76	1
1712.5MHz_RB 12,#RB M	Pass	1712.5	13.00	4.49	1



Peak to Average Power Ratio (PAPR) Results

Appendix B.5

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
1732.5MHz_RB 25,#RB 0	Pass	1732.5	13.00	4.87	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	3.43	1
1732.5MHz_RB 12,#RB M	Pass	1732.5	13.00	4.53	1
1752.5MHz_RB 25,#RB 0	Pass	1752.5	13.00	5.11	1
1752.5MHz_RB 1,#RB M	Pass	1752.5	13.00	4.31	1
1752.5MHz_RB 12,#RB M	Pass	1752.5	13.00	4.74	1
Band 4_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	1712.5	13.00	5.48	1
1712.5MHz_RB 1,#RB M	Pass	1712.5	13.00	4.52	1
1712.5MHz_RB 12,#RB M	Pass	1712.5	13.00	5.47	1
1732.5MHz_RB 25,#RB 0	Pass	1732.5	13.00	5.79	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	4.87	1
1732.5MHz_RB 12,#RB M	Pass	1732.5	13.00	5.85	1
1752.5MHz_RB 25,#RB 0	Pass	1752.5	13.00	5.95	1
1752.5MHz_RB 1,#RB M	Pass	1752.5	13.00	5.12	1
1752.5MHz_RB 12,#RB M	Pass	1752.5	13.00	5.76	1
Band 4_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	1715	13.00	5.50	1
1715MHz_RB 1,#RB M	Pass	1715	13.00	3.90	1
1715MHz_RB 25,#RB M	Pass	1715	13.00	4.87	1
1732.5MHz_RB 50,#RB 0	Pass	1732.5	13.00	5.43	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	3.55	1
1732.5MHz_RB 25,#RB M	Pass	1732.5	13.00	4.89	1
1750MHz_RB 50,#RB 0	Pass	1750	13.00	5.61	1
1750MHz_RB 1,#RB M	Pass	1750	13.00	4.29	1
1750MHz_RB 25,#RB M	Pass	1750	13.00	4.91	1
Band 4_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	1715	13.00	6.47	1
1715MHz_RB 1,#RB M	Pass	1715	13.00	4.64	1
1715MHz_RB 25,#RB M	Pass	1715	13.00	6.02	1
1732.5MHz_RB 50,#RB 0	Pass	1732.5	13.00	6.56	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	4.93	1
1732.5MHz_RB 25,#RB M	Pass	1732.5	13.00	6.12	1
1750MHz_RB 50,#RB 0	Pass	1750	13.00	6.49	1
1750MHz_RB 1,#RB M	Pass	1750	13.00	5.05	1
1750MHz_RB 25,#RB M	Pass	1750	13.00	5.98	1
Band 4_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	1717.5	13.00	6.41	1
1717.5MHz_RB 1,#RB M	Pass	1717.5	13.00	6.39	1
1717.5MHz_RB 36,#RB M	Pass	1717.5	13.00	6.83	1
1732.5MHz_RB 75,#RB 0	Pass	1732.5	13.00	6.58	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	6.51	1
1732.5MHz_RB 36,#RB M	Pass	1732.5	13.00	7.02	1
1747.5MHz_RB 75,#RB 0	Pass	1747.5	13.00	6.37	1
1747.5MHz_RB 1,#RB M	Pass	1747.5	13.00	6.48	1



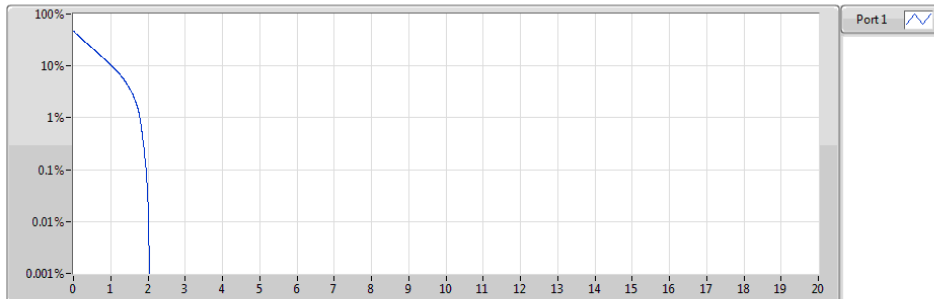
Peak to Average Power Ratio (PAPR) Results

Appendix B.5

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
1747.5MHz_RB 36,#RB M	Pass	1747.5	13.00	6.78	1
Band 4_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	1717.5	13.00	7.15	1
1717.5MHz_RB 1,#RB M	Pass	1717.5	13.00	6.32	1
1717.5MHz_RB 36,#RB M	Pass	1717.5	13.00	7.38	1
1732.5MHz_RB 75,#RB 0	Pass	1732.5	13.00	7.31	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	6.52	1
1732.5MHz_RB 36,#RB M	Pass	1732.5	13.00	7.36	1
1747.5MHz_RB 75,#RB 0	Pass	1747.5	13.00	7.13	1
1747.5MHz_RB 1,#RB M	Pass	1747.5	13.00	6.41	1
1747.5MHz_RB 36,#RB M	Pass	1747.5	13.00	7.48	1
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	1720	13.00	6.36	1
1720MHz_RB 1,#RB M	Pass	1720	13.00	3.98	1
1720MHz_RB 50,#RB M	Pass	1720	13.00	5.87	1
1732.5MHz_RB 100,#RB 0	Pass	1732.5	13.00	6.66	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	3.97	1
1732.5MHz_RB 50,#RB M	Pass	1732.5	13.00	6.08	1
1745MHz_RB 100,#RB 0	Pass	1745	13.00	6.05	1
1745MHz_RB 1,#RB M	Pass	1745	13.00	3.78	1
1745MHz_RB 50,#RB M	Pass	1745	13.00	5.76	1
Band 4_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	1720	13.00	6.89	1
1720MHz_RB 1,#RB M	Pass	1720	13.00	4.93	1
1720MHz_RB 50,#RB M	Pass	1720	13.00	6.59	1
1732.5MHz_RB 100,#RB 0	Pass	1732.5	13.00	7.12	1
1732.5MHz_RB 1,#RB M	Pass	1732.5	13.00	5.04	1
1732.5MHz_RB 50,#RB M	Pass	1732.5	13.00	6.78	1
1745MHz_RB 100,#RB 0	Pass	1745	13.00	6.79	1
1745MHz_RB 1,#RB M	Pass	1745	13.00	4.96	1
1745MHz_RB 50,#RB M	Pass	1745	13.00	6.64	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1710.7MHz_QPSK_RB 6,#RB 0

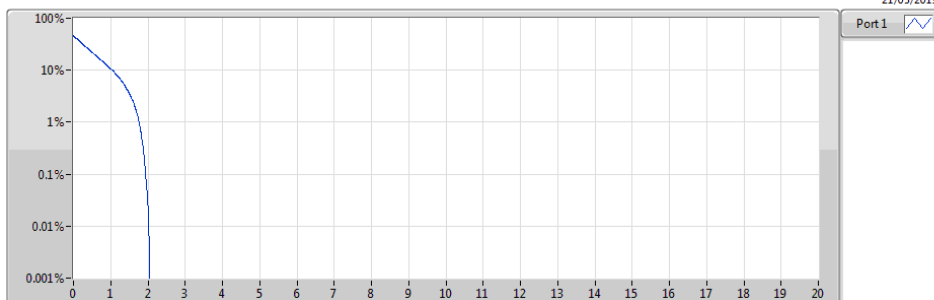
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1710.7	3M	4.88	-8.12	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1710.7MHz_QPSK_RB 1,#RB M

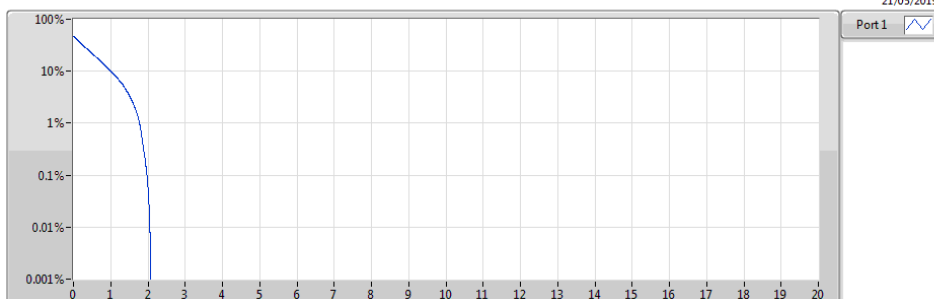
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1710.7	3M	4.84	-8.16	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1710.7MHz_QPSK_RB 3,#RB M

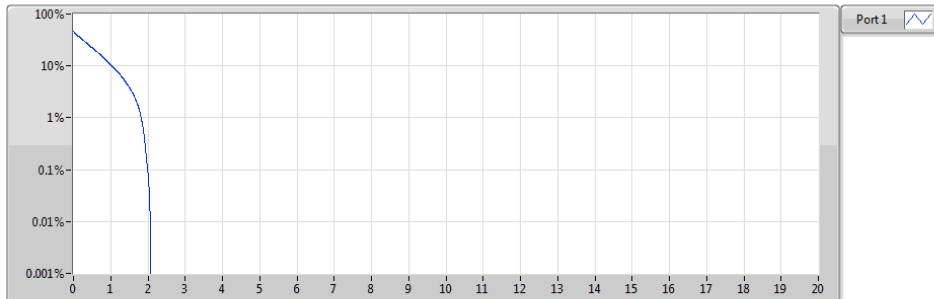
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1710.7	3M	4.94	-8.06	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 6,#RB 0

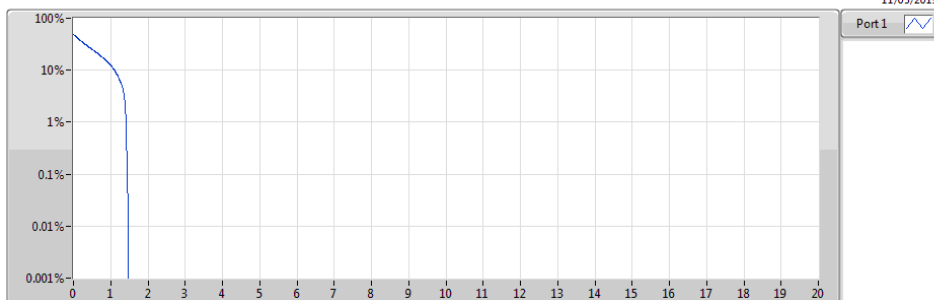
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	4.98	-8.02	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

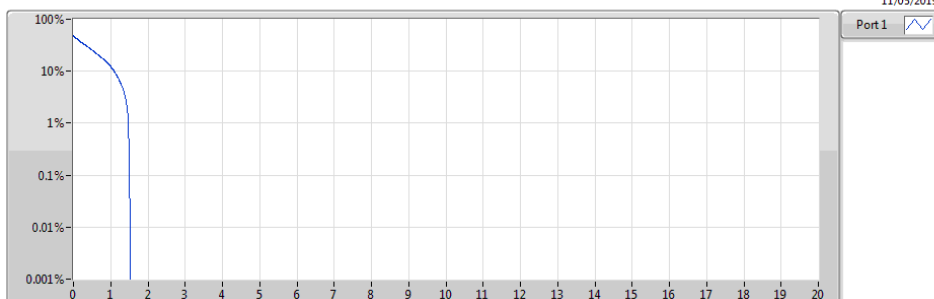
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	3.62	-9.38	13.00	1

Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 3,#RB M

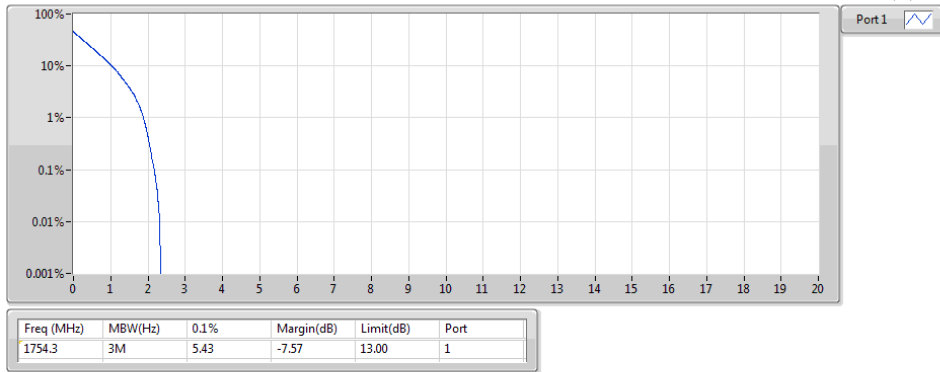
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	3.75	-9.25	13.00	1

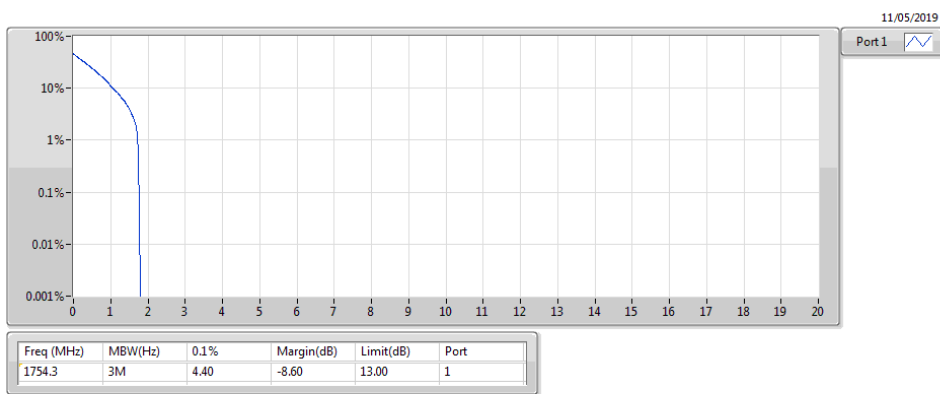
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1754.3MHz_QPSK_RB 6,#RB 0

PAR



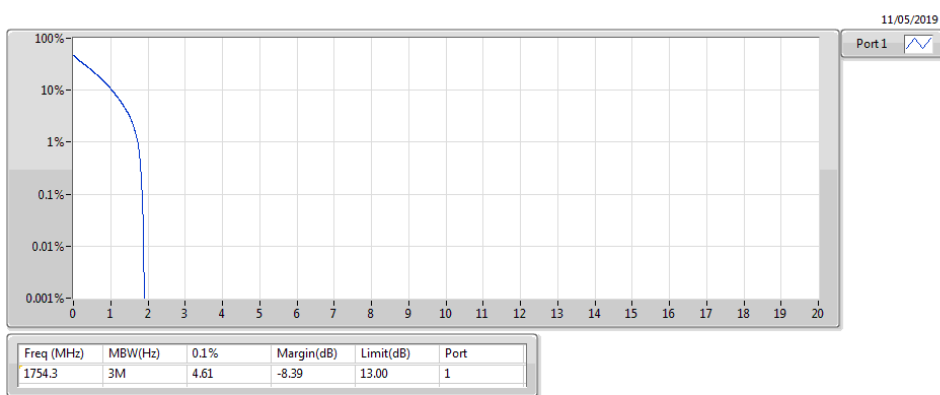
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1754.3MHz_QPSK_RB 1,#RB M

PAR



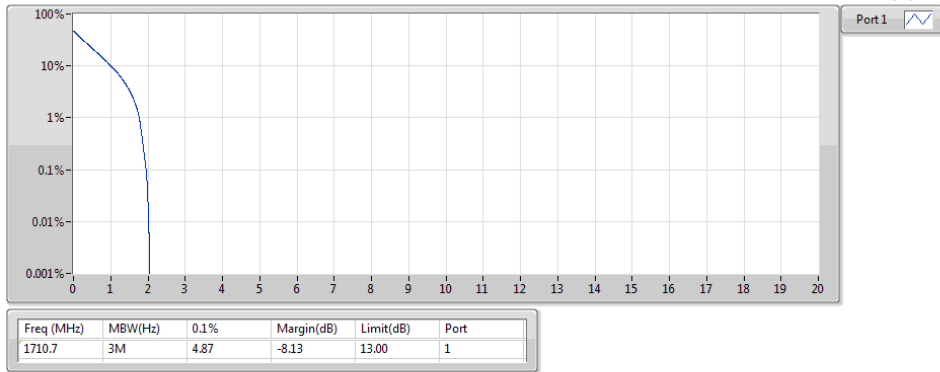
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX
1754.3MHz_QPSK_RB 3,#RB M

PAR



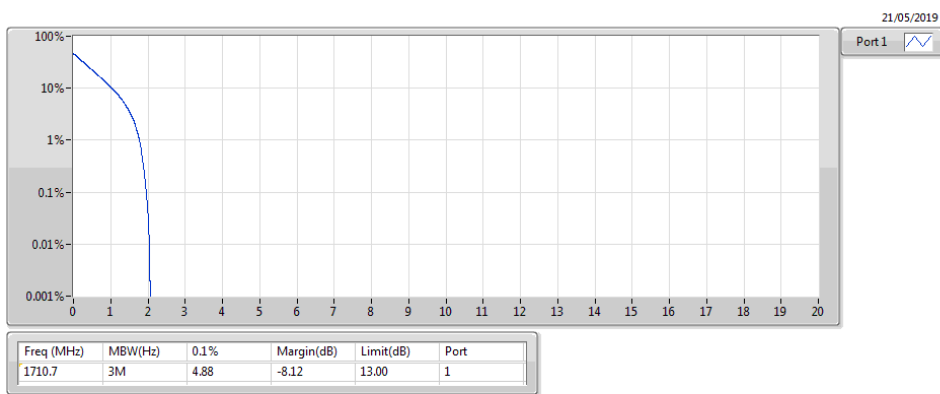
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1710.7MHz_16QAM_RB 6,#RB 0

PAR



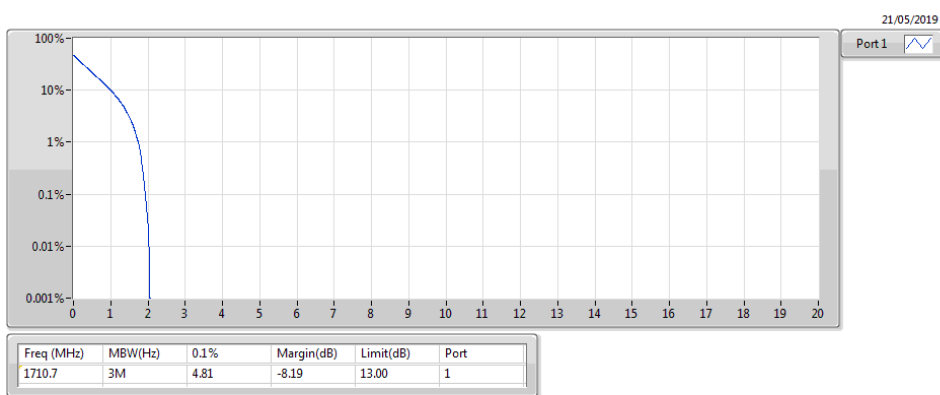
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1710.7MHz_16QAM_RB 1,#RB M

PAR



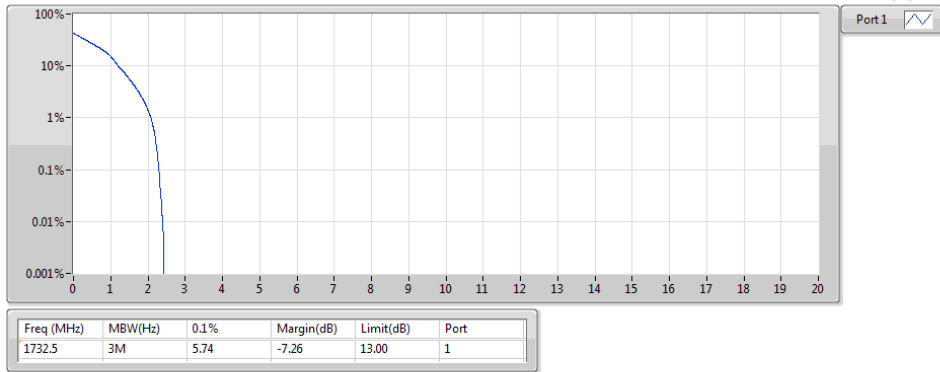
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1710.7MHz_16QAM_RB 3,#RB M

PAR



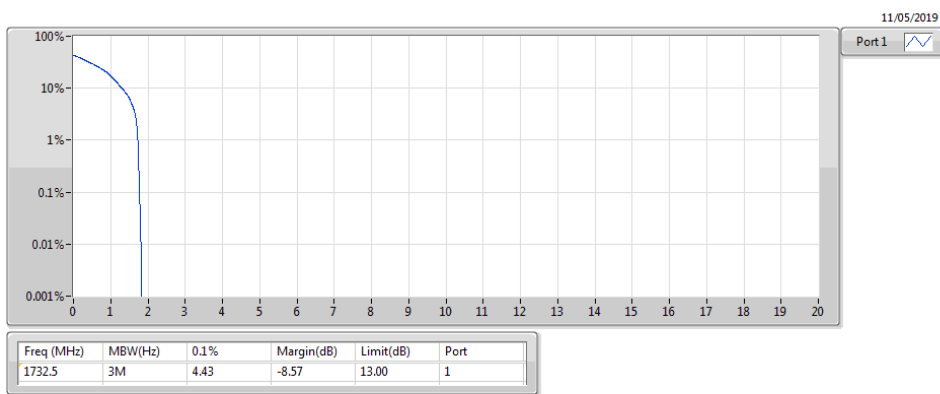
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 6,#RB 0

PAR



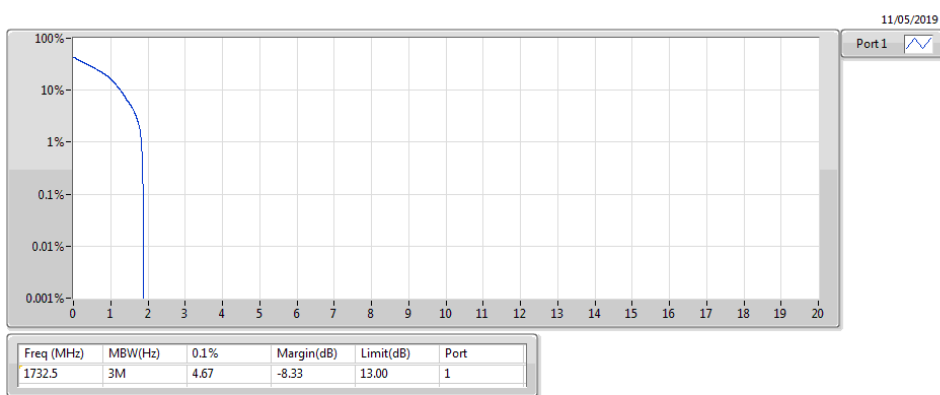
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



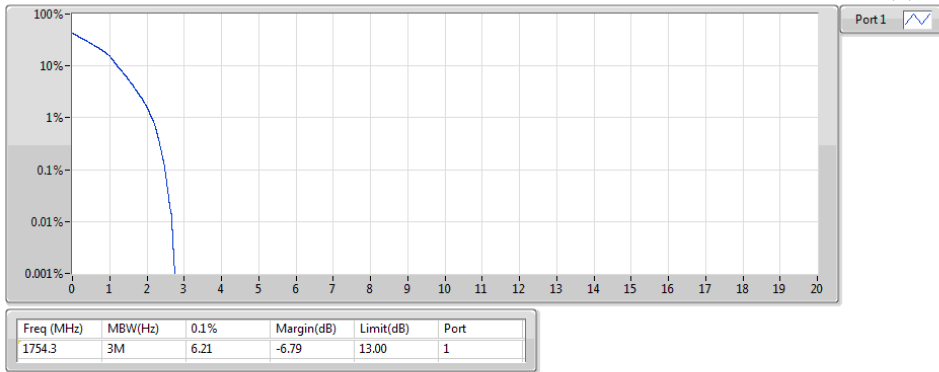
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 3,#RB M

PAR



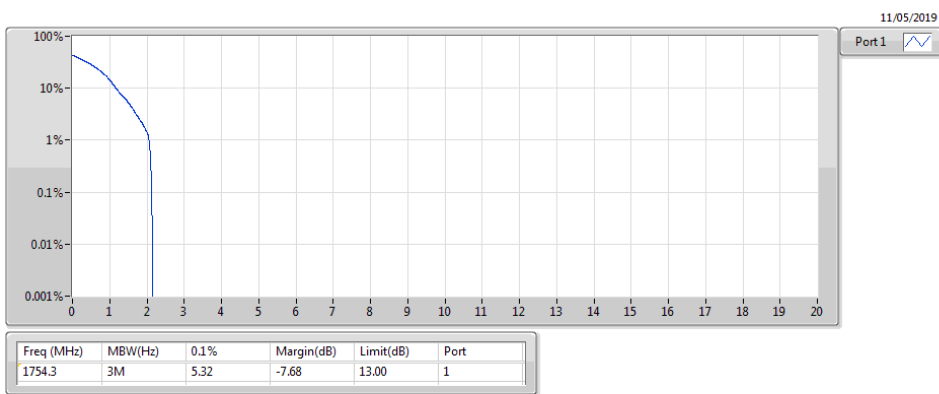
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1754.3MHz_16QAM_RB 6,#RB 0

PAR



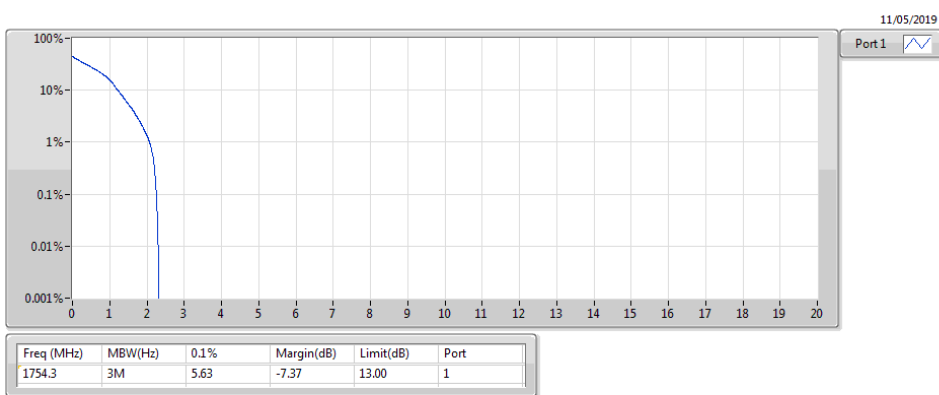
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1754.3MHz_16QAM_RB 1,#RB M

PAR



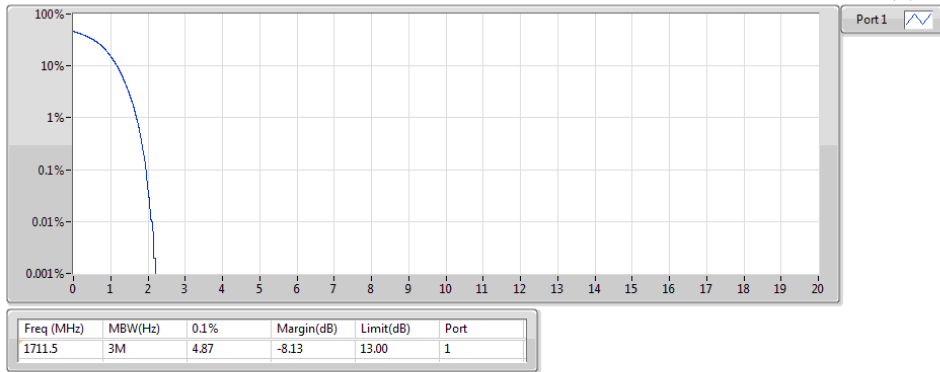
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX
1754.3MHz_16QAM_RB 3,#RB M

PAR



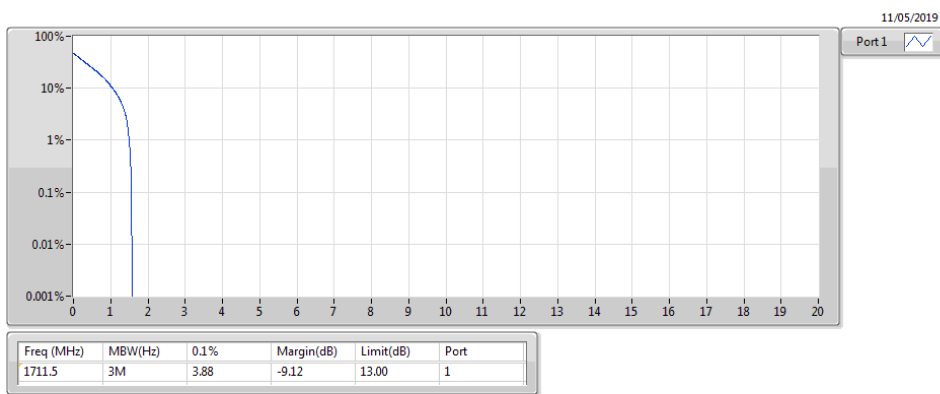
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1711.5MHz_QPSK_RB 15,#RB 0

PAR



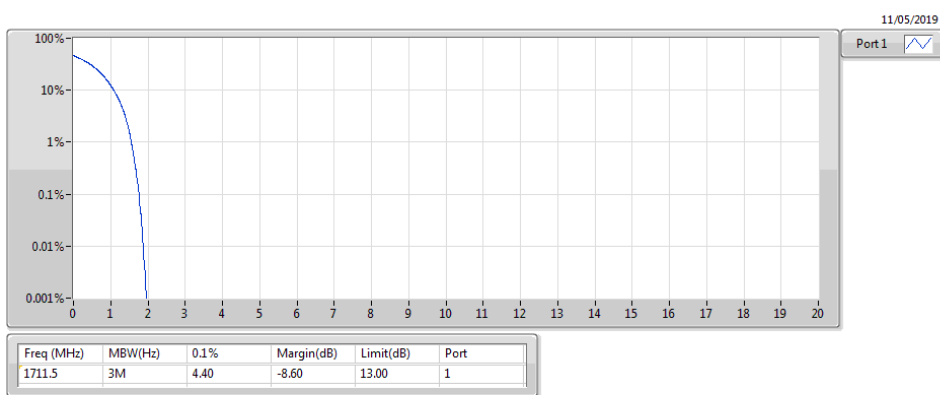
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1711.5MHz_QPSK_RB 1,#RB M

PAR



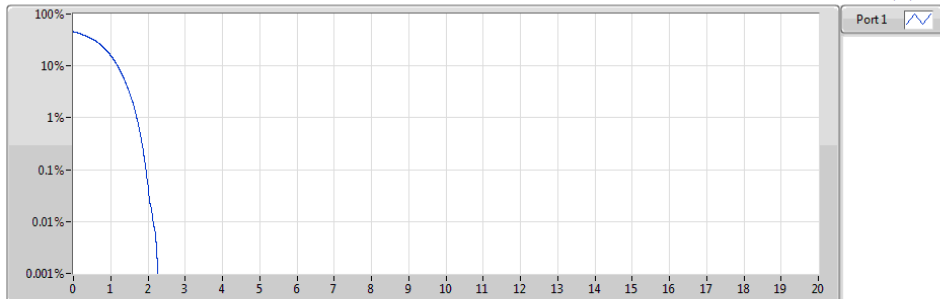
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1711.5MHz_QPSK_RB 8,#RB M

PAR



Band 4_LTE_3MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 15,#RB 0

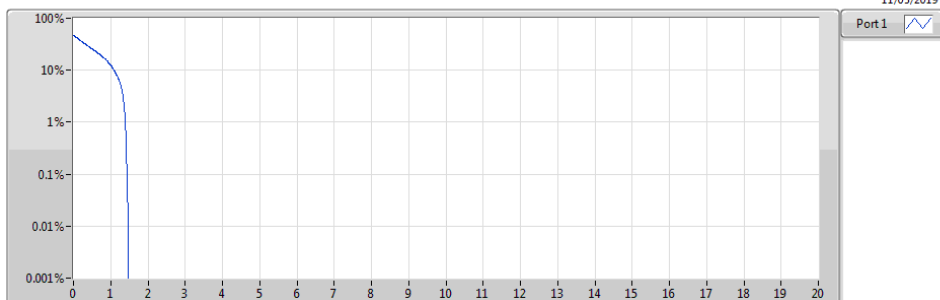
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	4.86	-8.14	13.00	1

Band 4_LTE_3MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

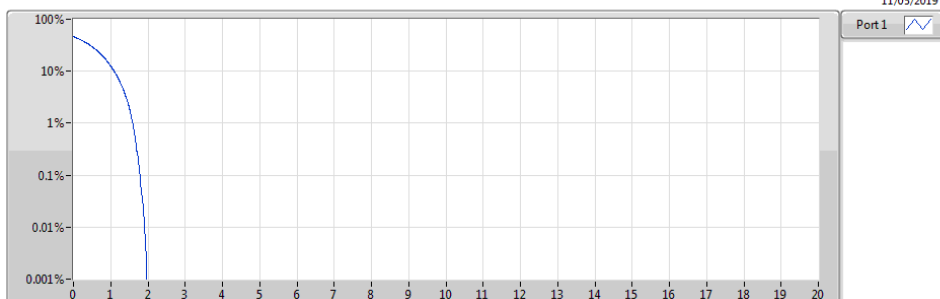
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	3.59	-9.41	13.00	1

Band 4_LTE_3MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 8,#RB M

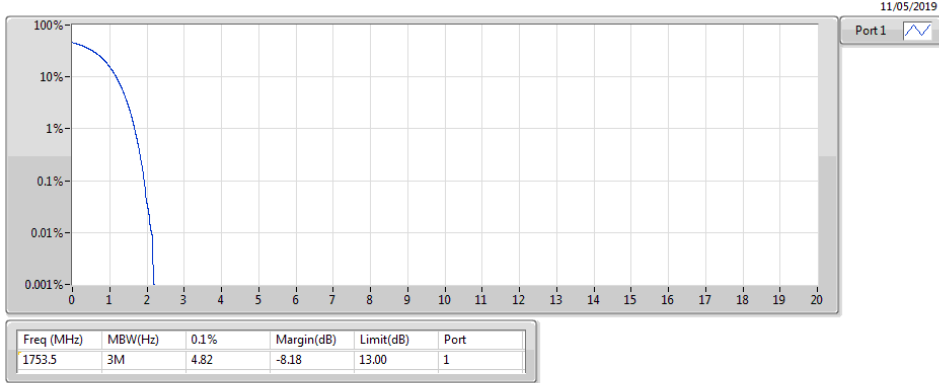
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	3M	4.46	-8.54	13.00	1

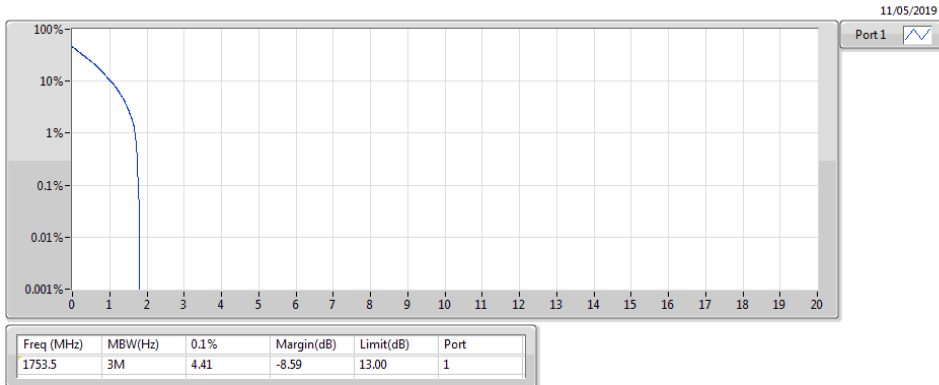
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1753.5MHz_QPSK_RB 15,#RB 0

PAR



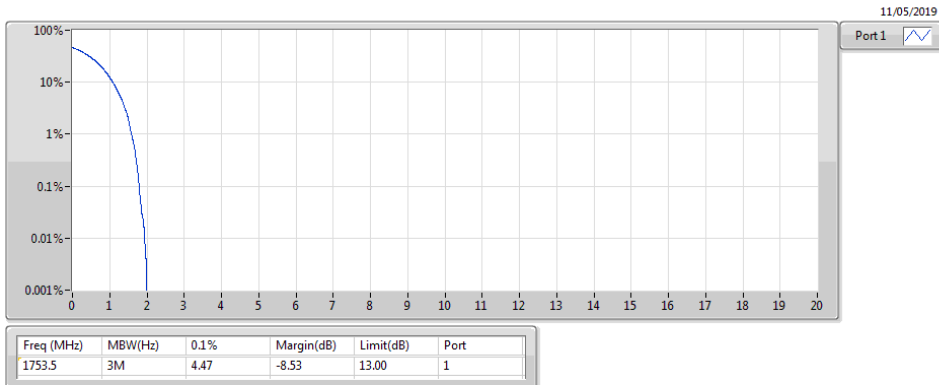
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1753.5MHz_QPSK_RB 1,#RB M

PAR



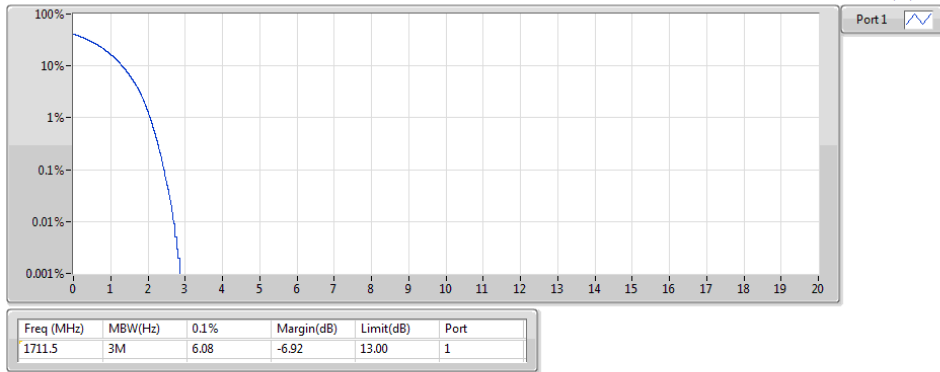
Band 4_LTE_3MHz_Nss1,QPSK_1TX
1753.5MHz_QPSK_RB 8,#RB M

PAR



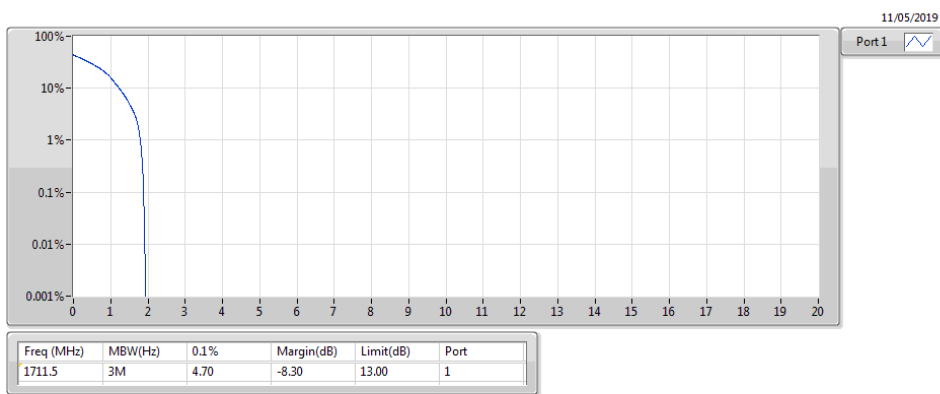
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1711.5MHz_16QAM_RB 15,#RB 0

PAR



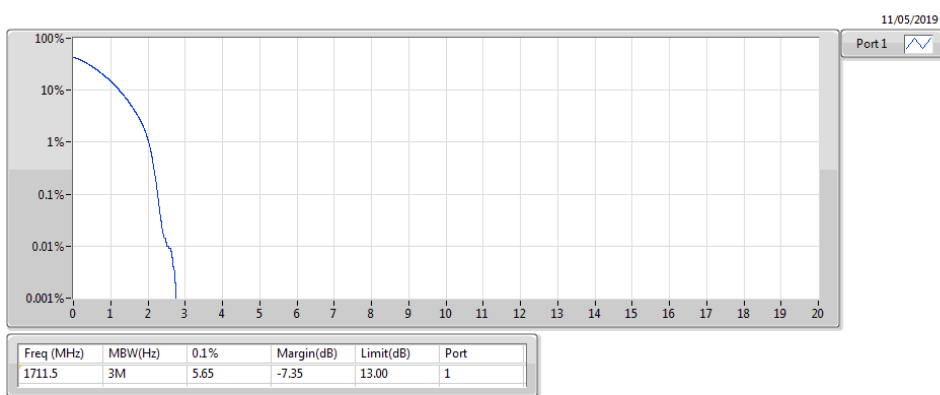
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1711.5MHz_16QAM_RB 1,#RB M

PAR



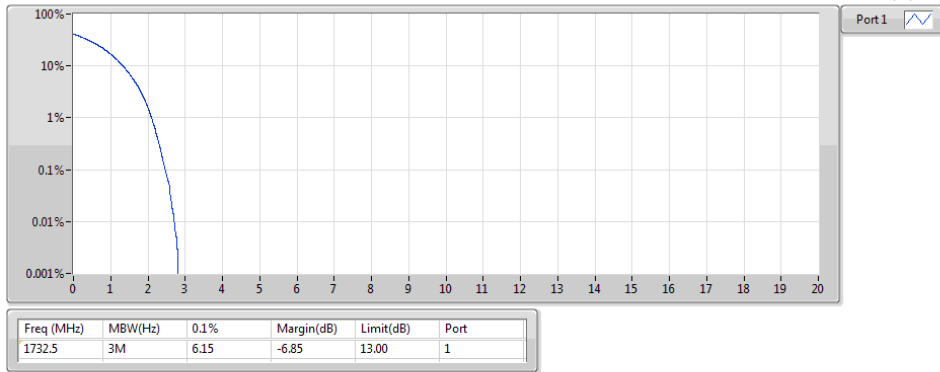
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1711.5MHz_16QAM_RB 8,#RB M

PAR



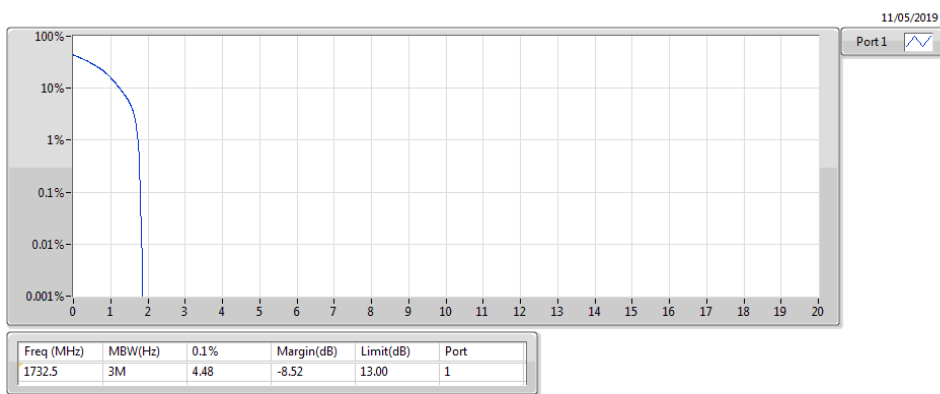
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 15,#RB 0

PAR



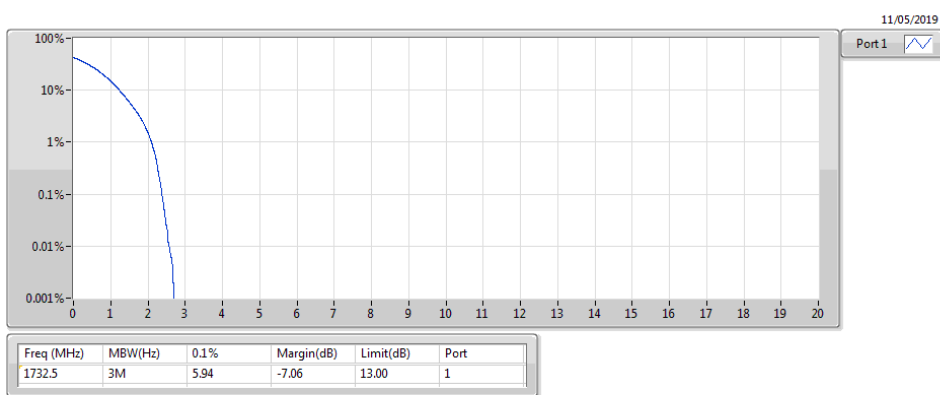
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



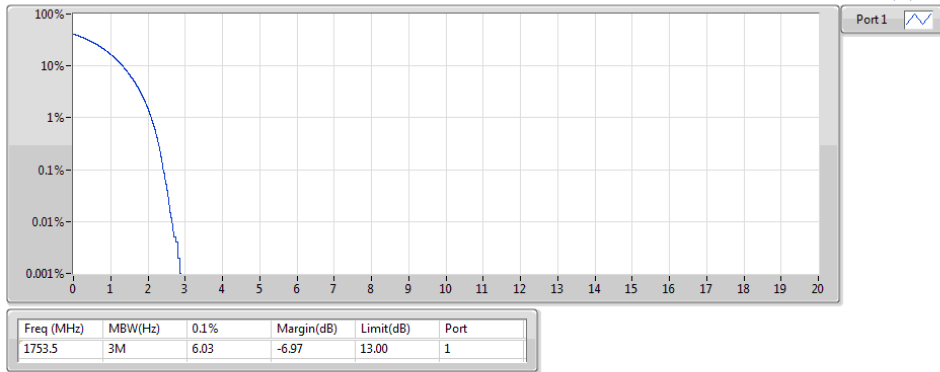
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 8,#RB M

PAR



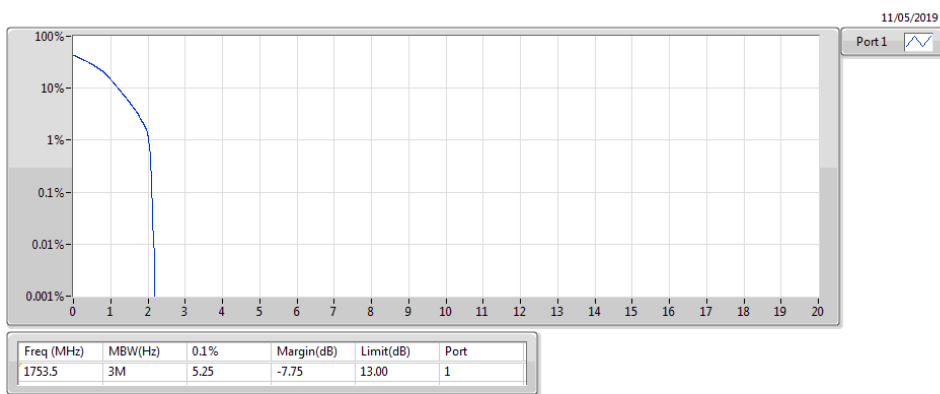
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1753.5MHz_16QAM_RB 15,#RB 0

PAR



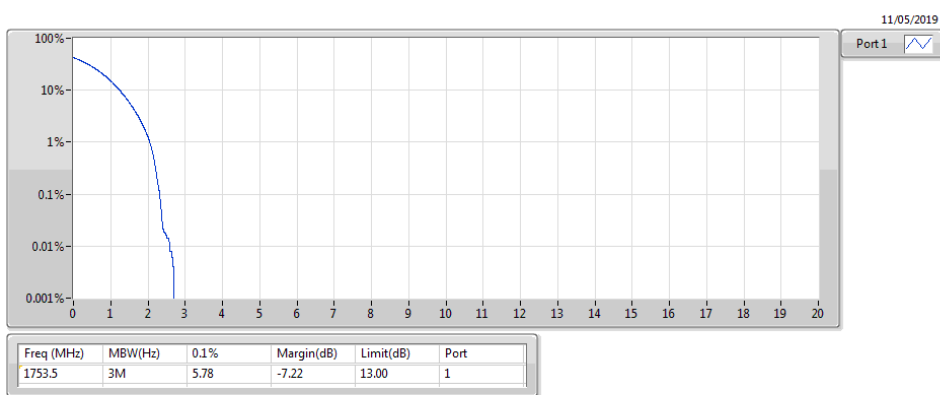
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1753.5MHz_16QAM_RB 1,#RB M

PAR



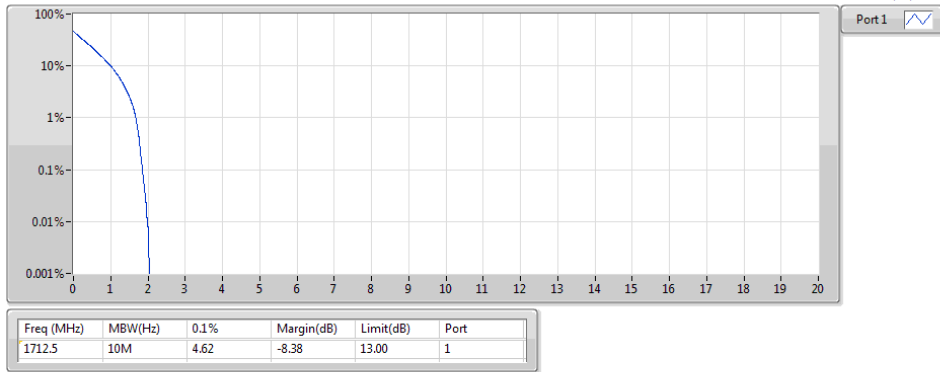
Band 4_LTE_3MHz_Nss1,16QAM_1TX
1753.5MHz_16QAM_RB 8,#RB M

PAR



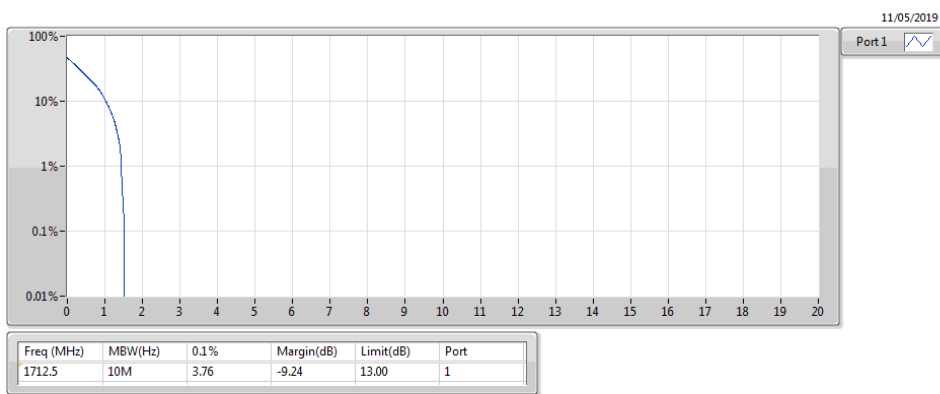
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1712.5MHz_QPSK_RB 25,#RB 0

PAR



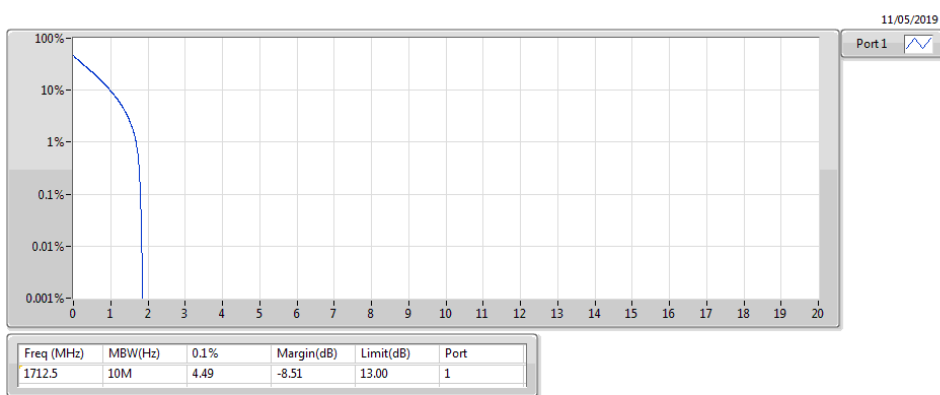
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1712.5MHz_QPSK_RB 1,#RB M

PAR



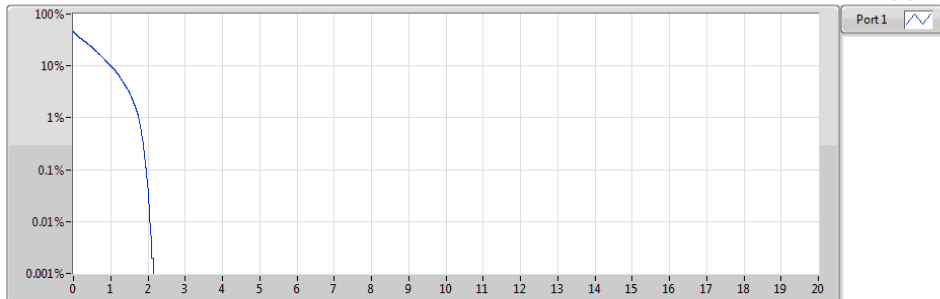
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1712.5MHz_QPSK_RB 12,#RB M

PAR



Band 4_LTE_5MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 25,#RB 0

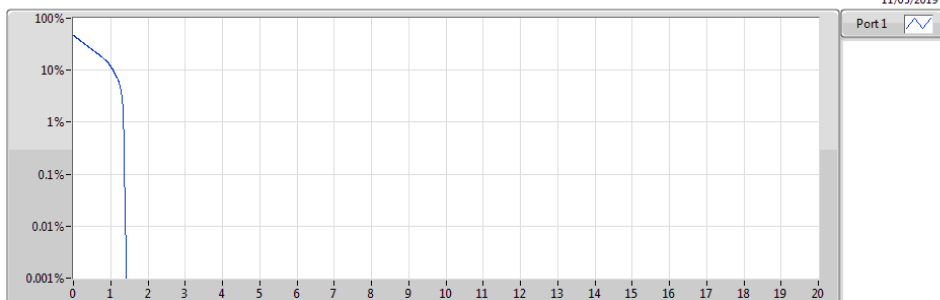
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	4.87	-8.13	13.00	1

Band 4_LTE_5MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

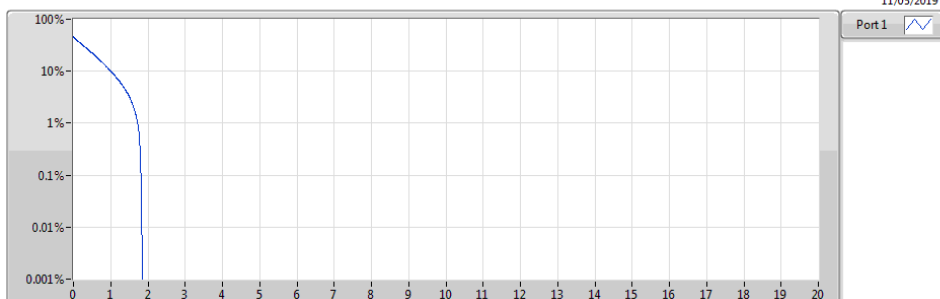
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	3.43	-9.57	13.00	1

Band 4_LTE_5MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 12,#RB M

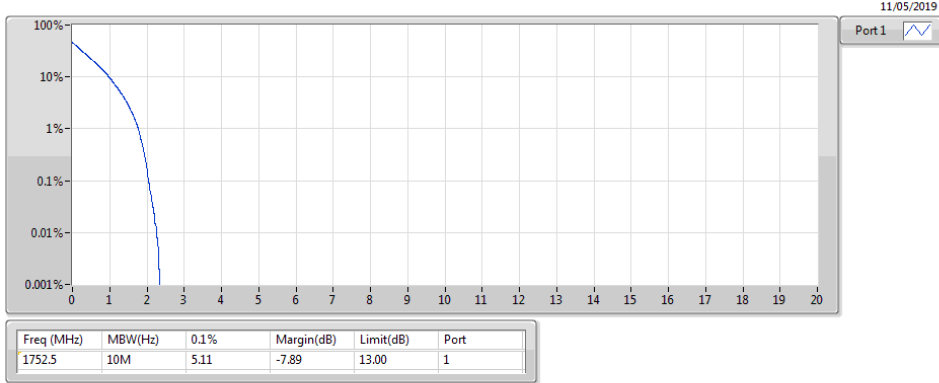
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	4.53	-8.47	13.00	1

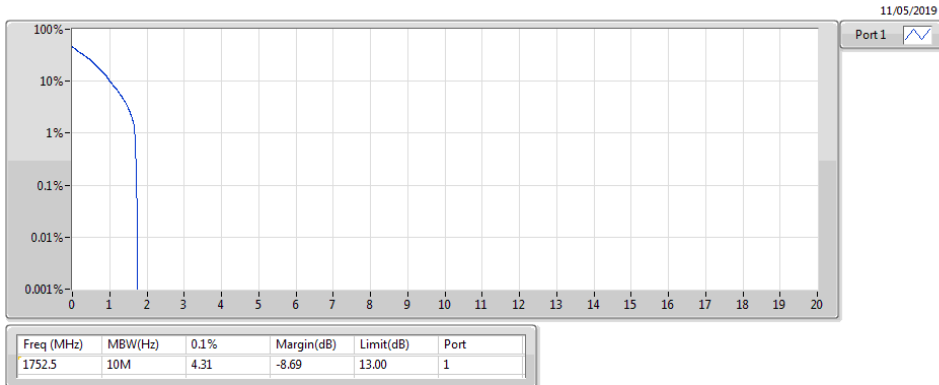
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1752.5MHz_QPSK_RB 25,#RB 0

PAR



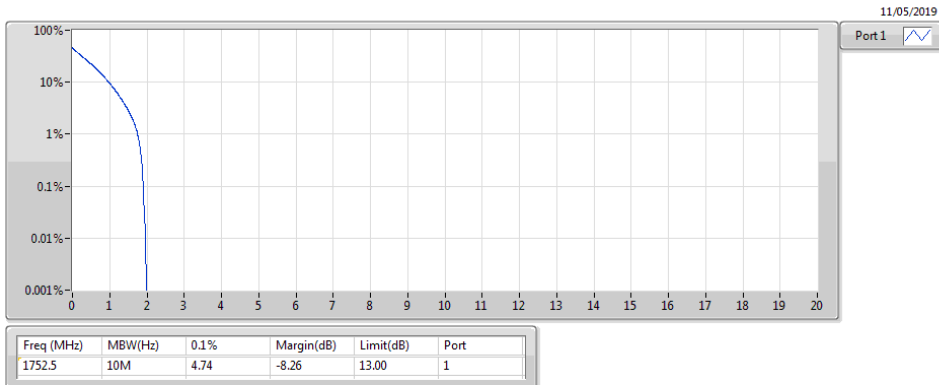
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1752.5MHz_QPSK_RB 1,#RB M

PAR



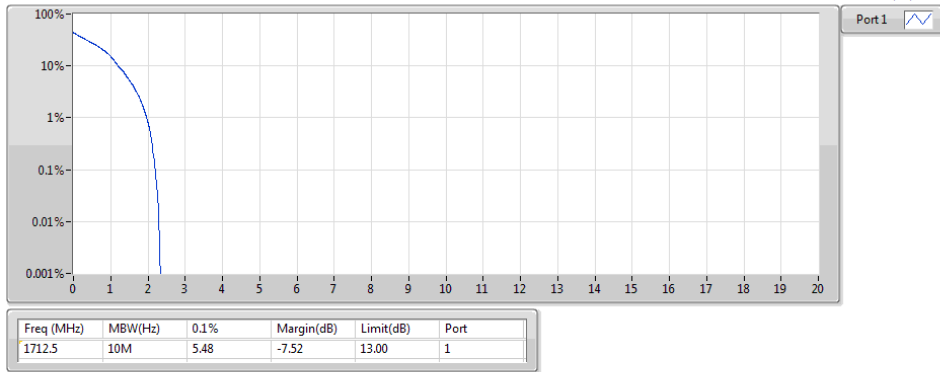
Band 4_LTE_5MHz_Nss1,QPSK_1TX
1752.5MHz_QPSK_RB 12,#RB M

PAR



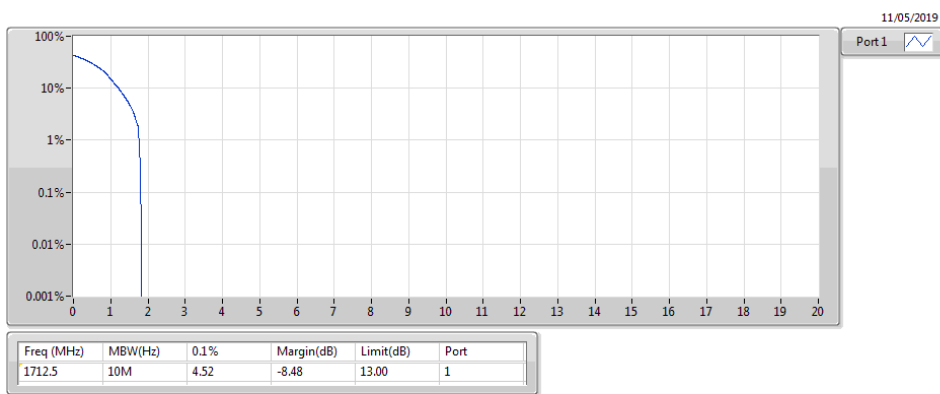
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1712.5MHz_16QAM_RB 25,#RB 0

PAR



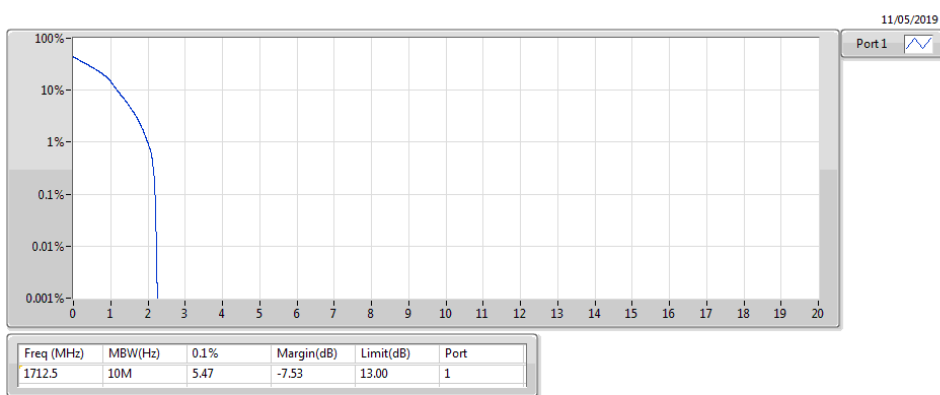
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1712.5MHz_16QAM_RB 1,#RB M

PAR



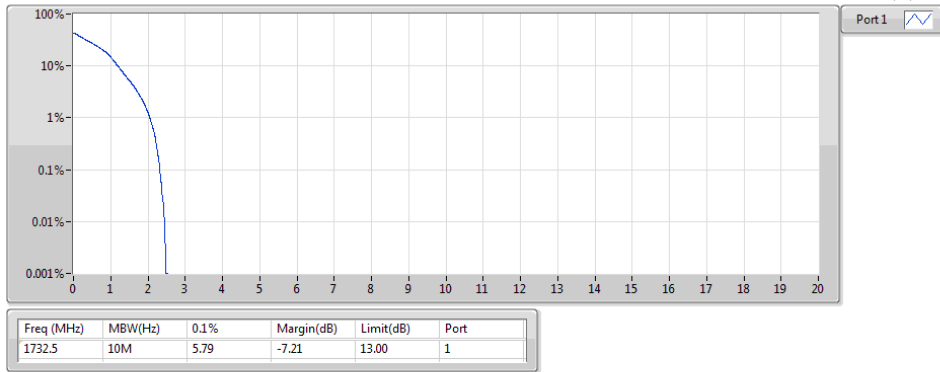
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1712.5MHz_16QAM_RB 12,#RB M

PAR



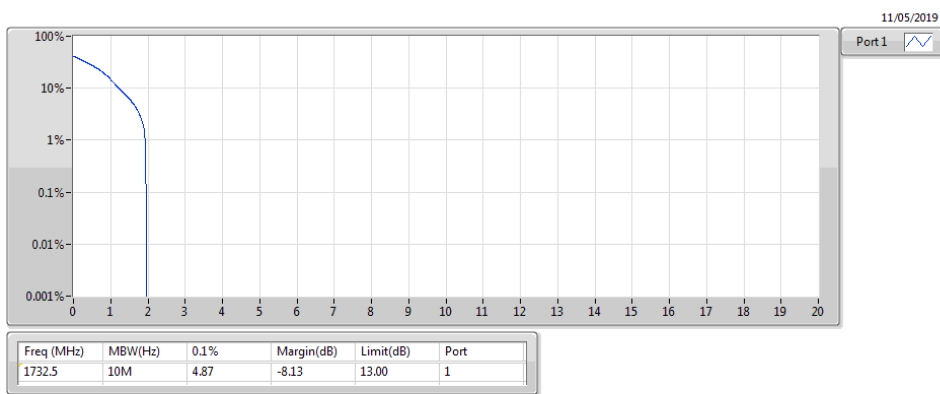
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 25,#RB 0

PAR



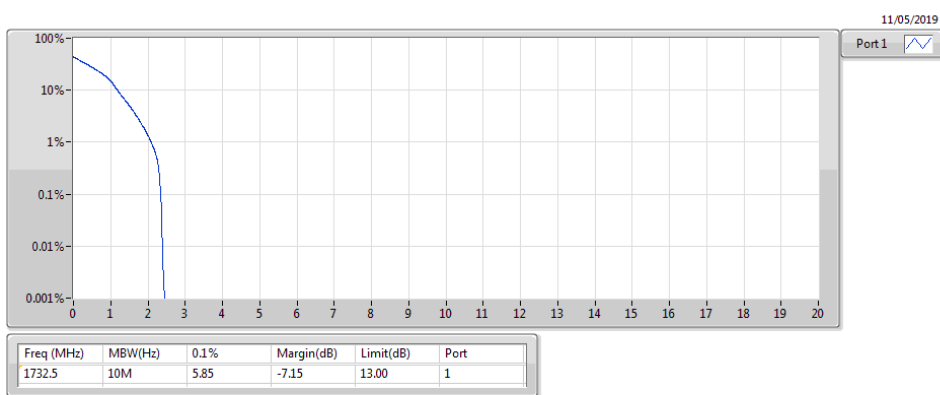
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



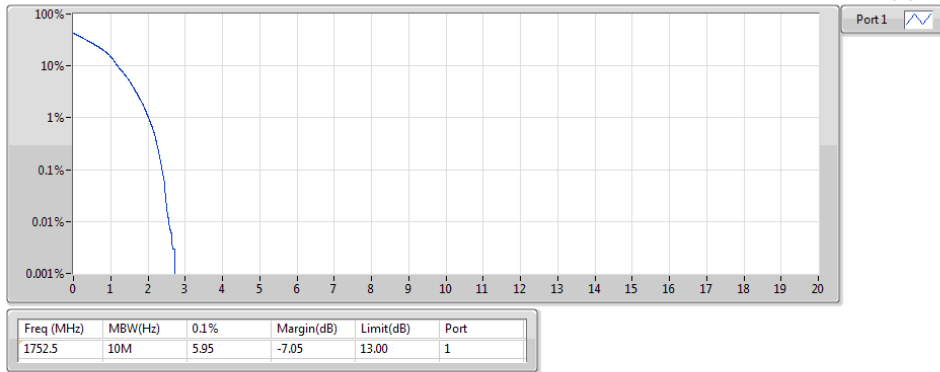
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 12,#RB M

PAR



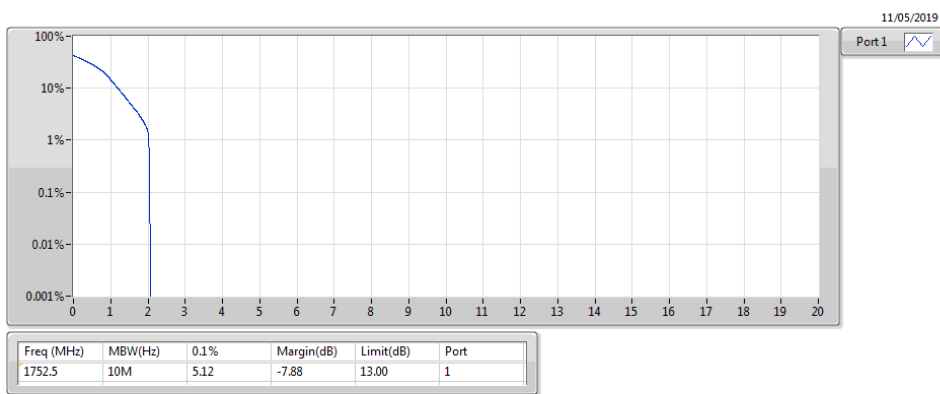
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1752.5MHz_16QAM_RB 25,#RB 0

PAR



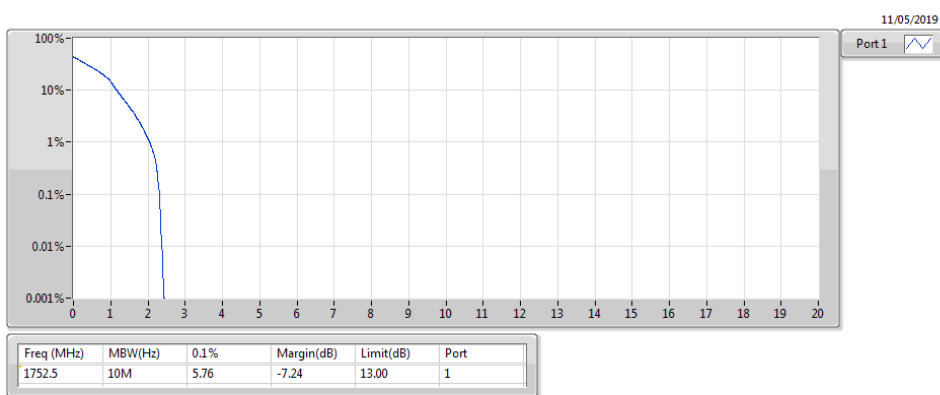
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1752.5MHz_16QAM_RB 1,#RB M

PAR



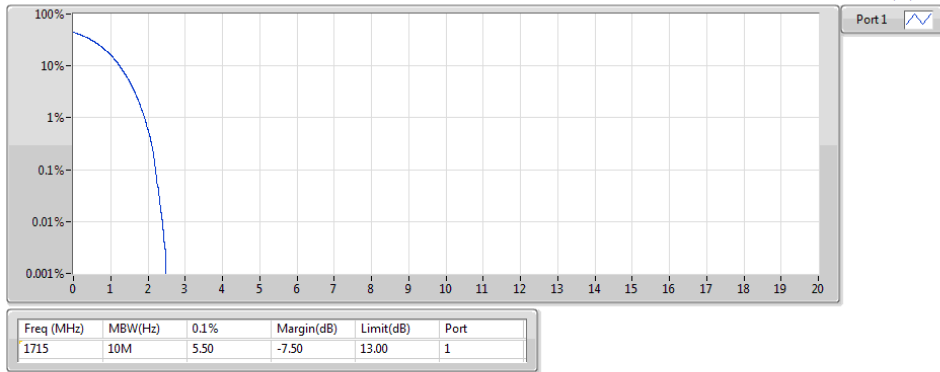
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1752.5MHz_16QAM_RB 12,#RB M

PAR



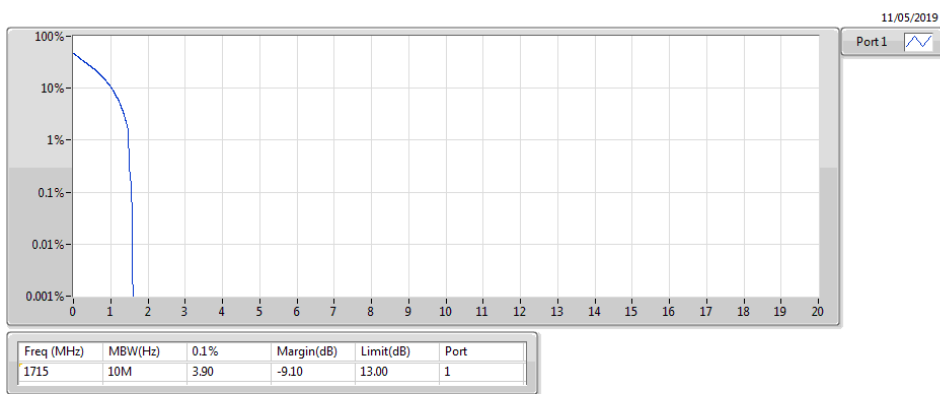
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1715MHz_QPSK_RB 50,#RB 0

PAR



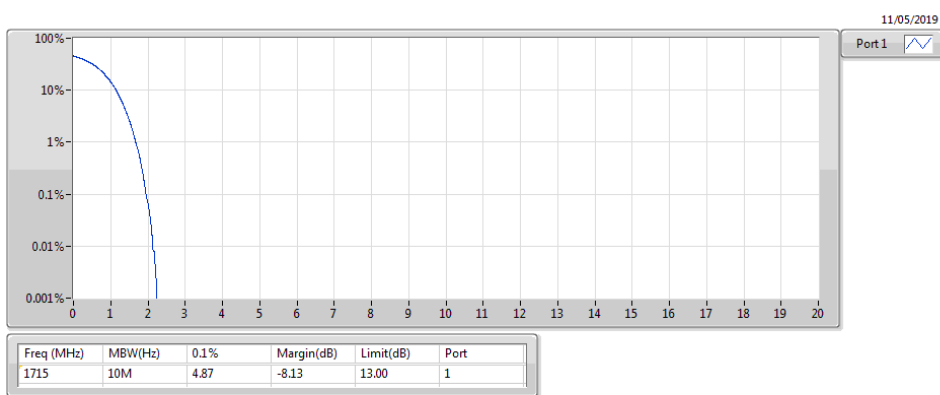
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1715MHz_QPSK_RB 1,#RB M

PAR



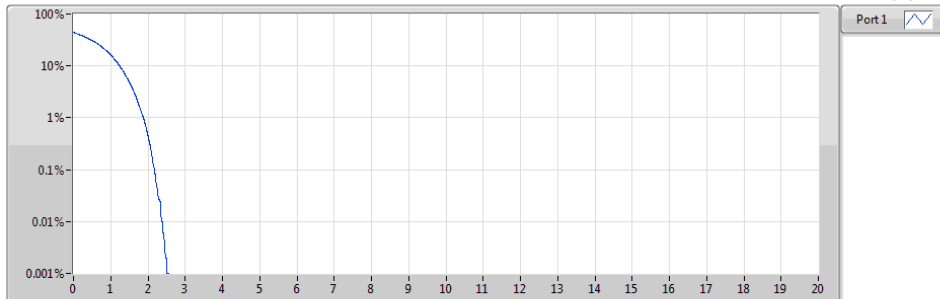
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1715MHz_QPSK_RB 25,#RB M

PAR



Band 4_LTE_10MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 50,#RB 0

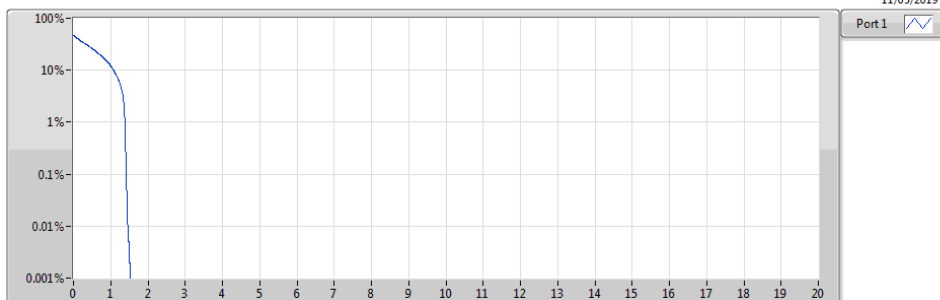
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	5.43	-7.57	13.00	1

Band 4_LTE_10MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

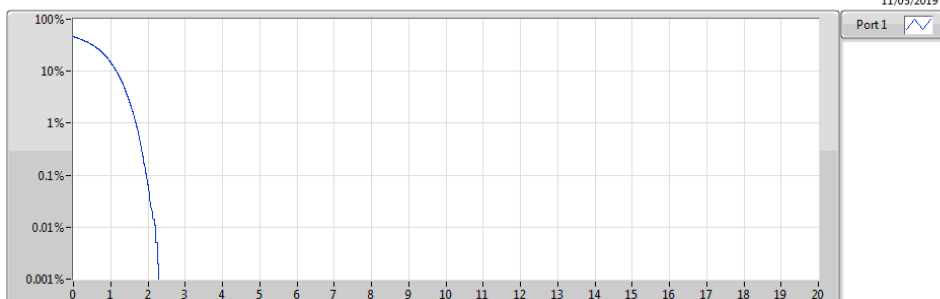
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	3.55	-9.45	13.00	1

Band 4_LTE_10MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 25,#RB M

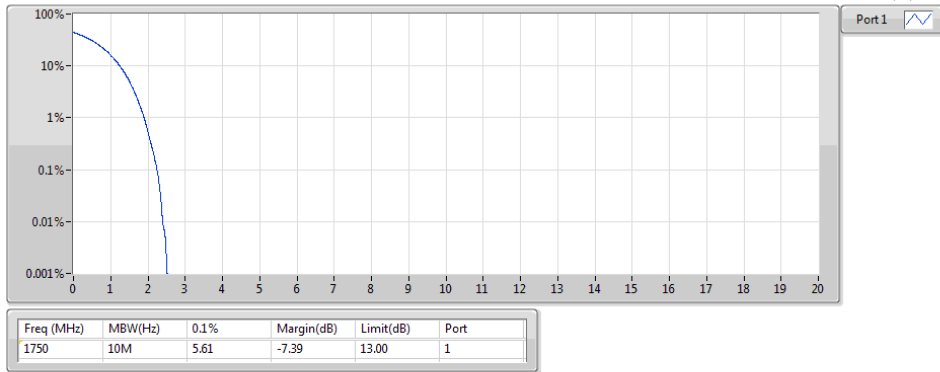
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	10M	4.89	-8.11	13.00	1

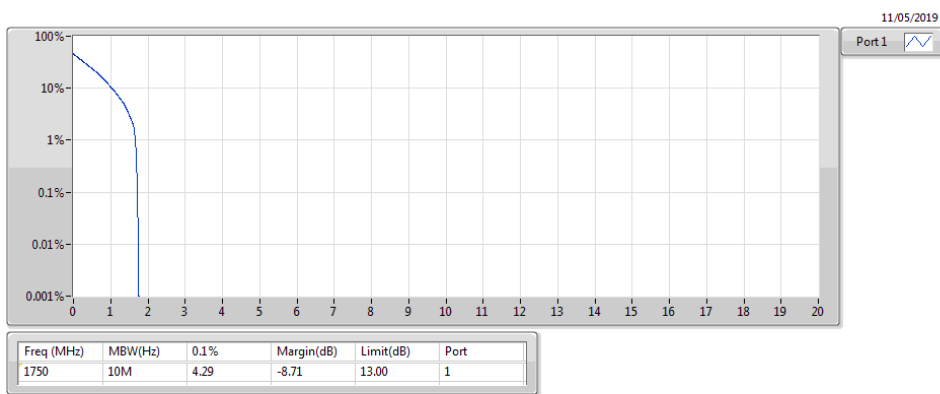
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1750MHz_QPSK_RB 50,#RB 0

PAR



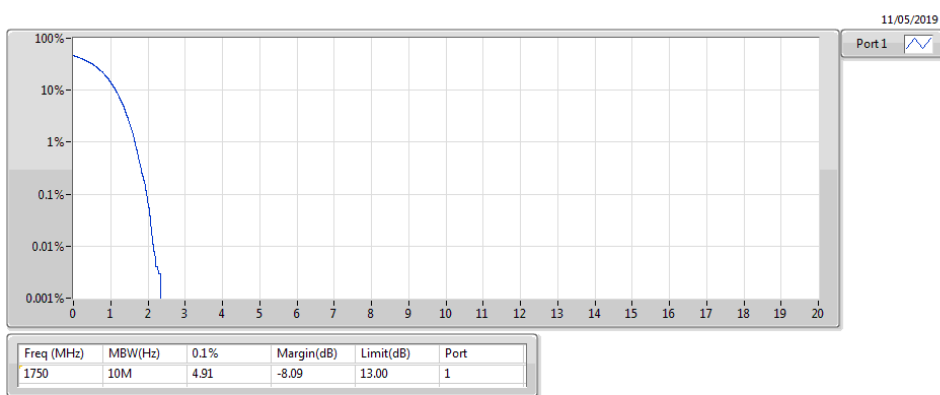
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1750MHz_QPSK_RB 1,#RB M

PAR



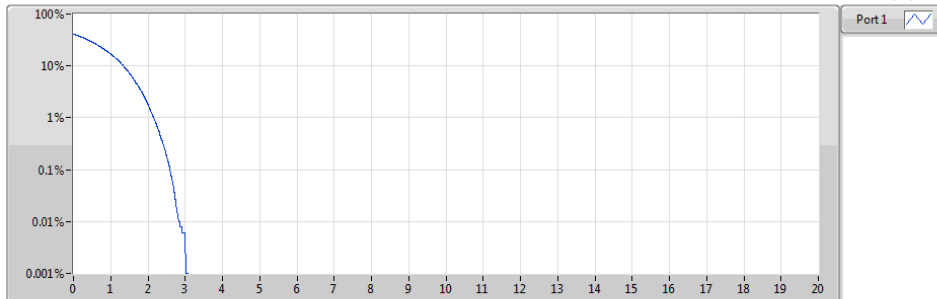
Band 4_LTE_10MHz_Nss1,QPSK_1TX
1750MHz_QPSK_RB 25,#RB M

PAR



Band 4_LTE_10MHz_Nss1,16QAM_1TX
1715MHz_16QAM_RB 50,#RB 0

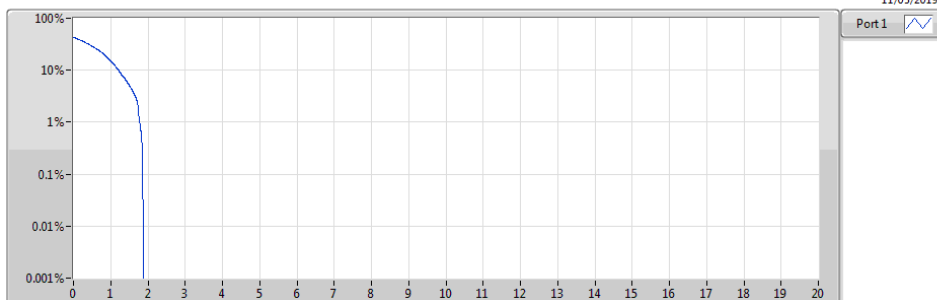
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1715	10M	6.47	-6.53	13.00	1

Band 4_LTE_10MHz_Nss1,16QAM_1TX
1715MHz_16QAM_RB 1,#RB M

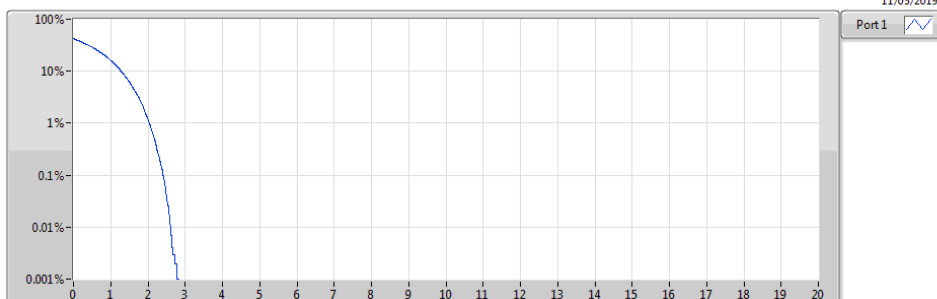
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1715	10M	4.64	-8.36	13.00	1

Band 4_LTE_10MHz_Nss1,16QAM_1TX
1715MHz_16QAM_RB 25,#RB M

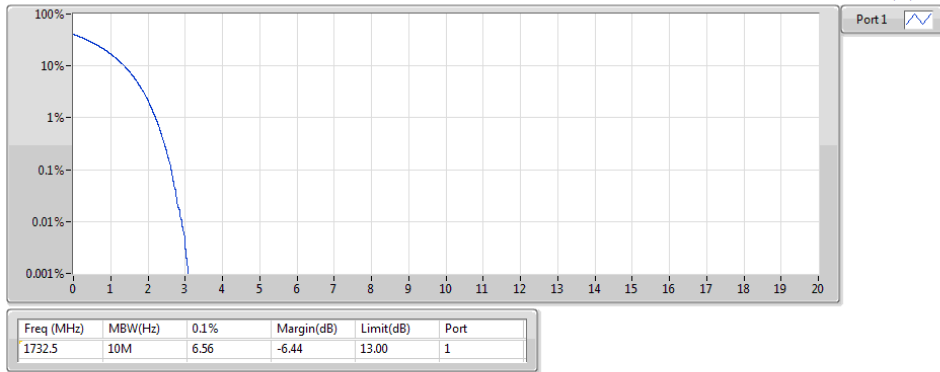
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1715	10M	6.02	-6.98	13.00	1

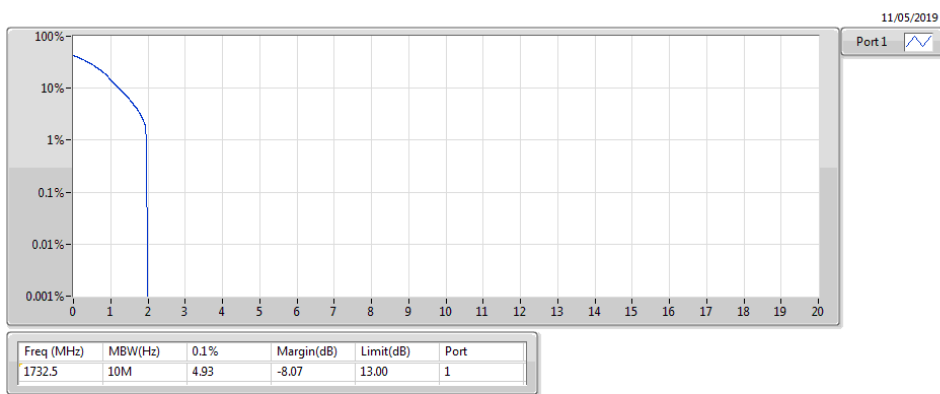
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 50,#RB 0

PAR



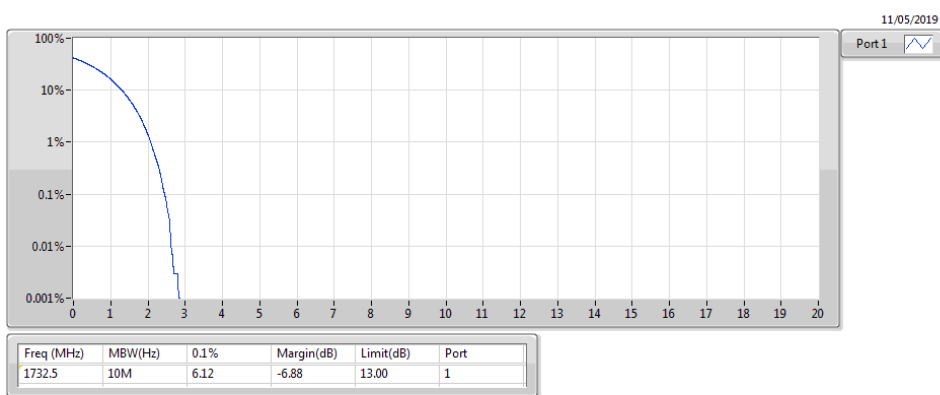
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



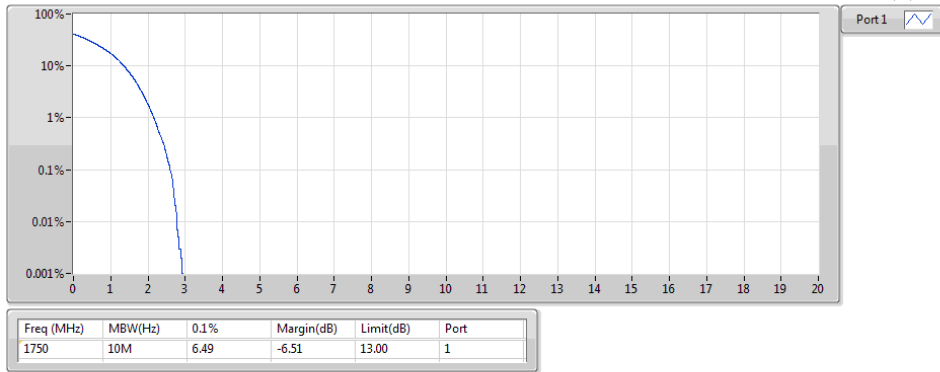
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 25,#RB M

PAR



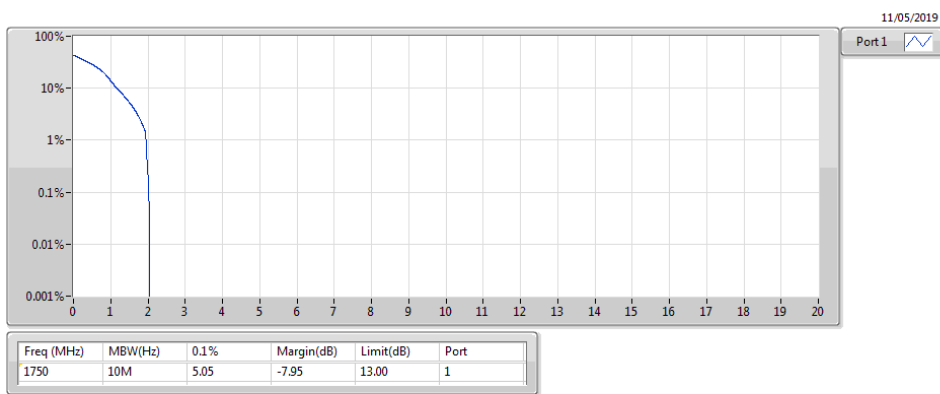
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1750MHz_16QAM_RB 50,#RB 0

PAR



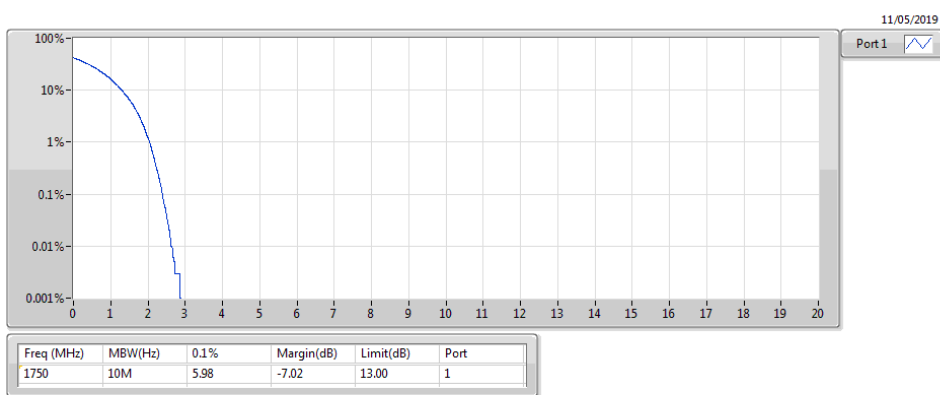
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1750MHz_16QAM_RB 1,#RB M

PAR



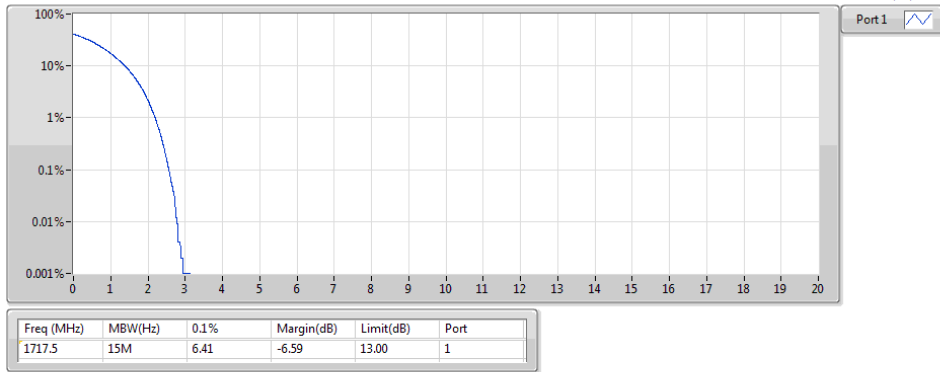
Band 4_LTE_10MHz_Nss1,16QAM_1TX
1750MHz_16QAM_RB 25,#RB M

PAR



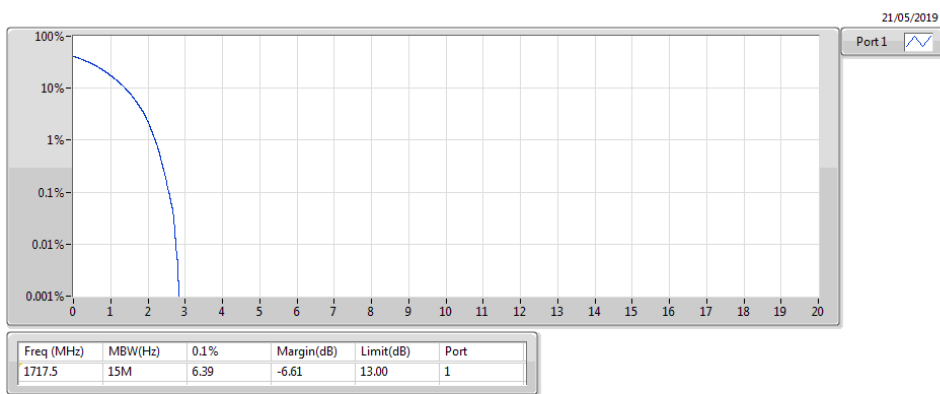
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1717.5MHz_QPSK_RB 75,#RB 0

PAR



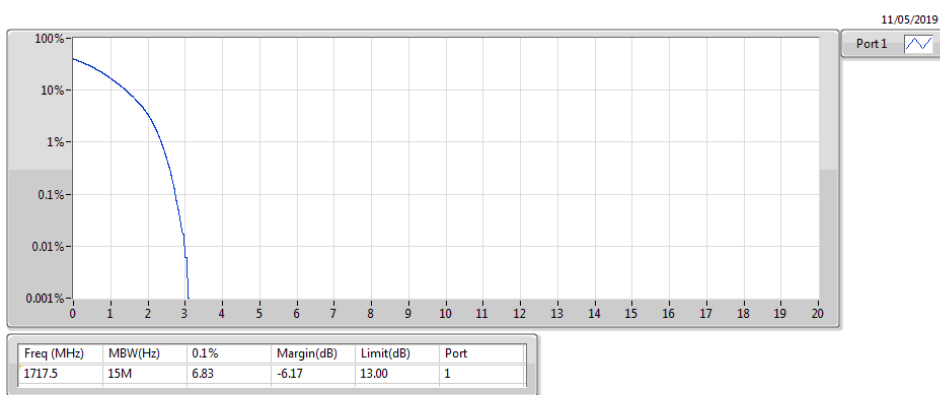
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1717.5MHz_QPSK_RB 1,#RB M

PAR



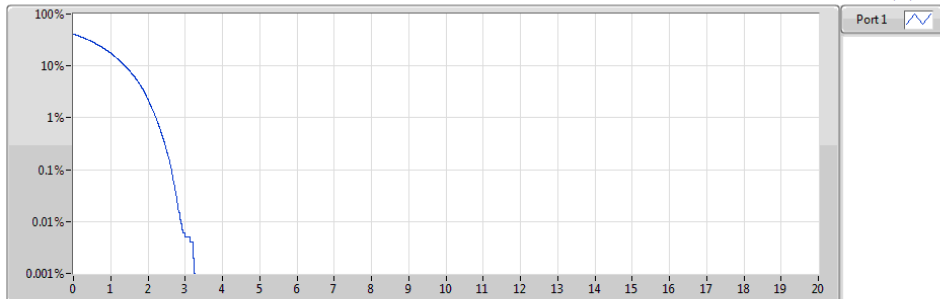
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1717.5MHz_QPSK_RB 36,#RB M

PAR



Band 4_LTE_15MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 75,#RB 0

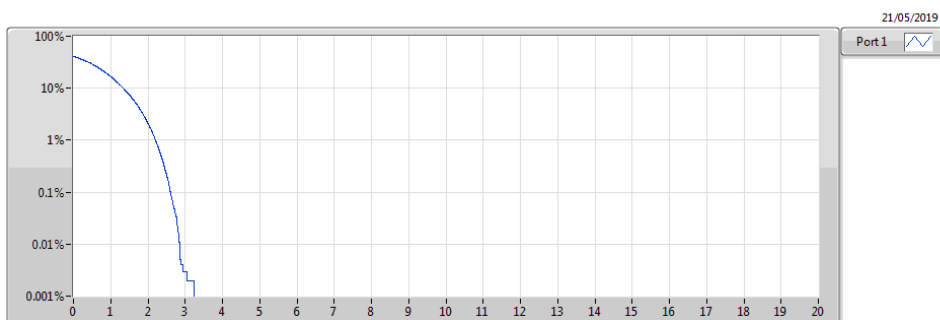
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	15M	6.58	-6.42	13.00	1

Band 4_LTE_15MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

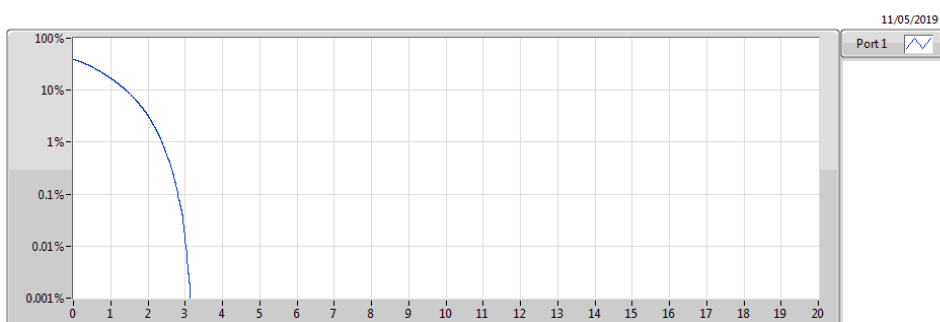
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	15M	6.51	-6.49	13.00	1

Band 4_LTE_15MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 36,#RB M

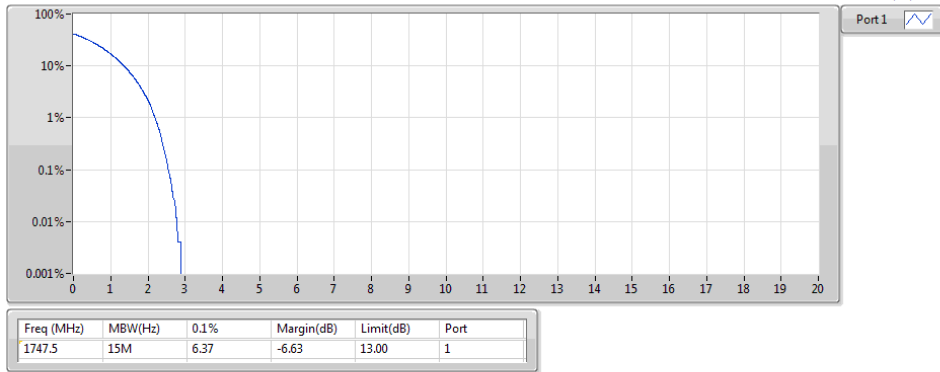
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
1732.5	15M	7.02	-5.98	13.00	1

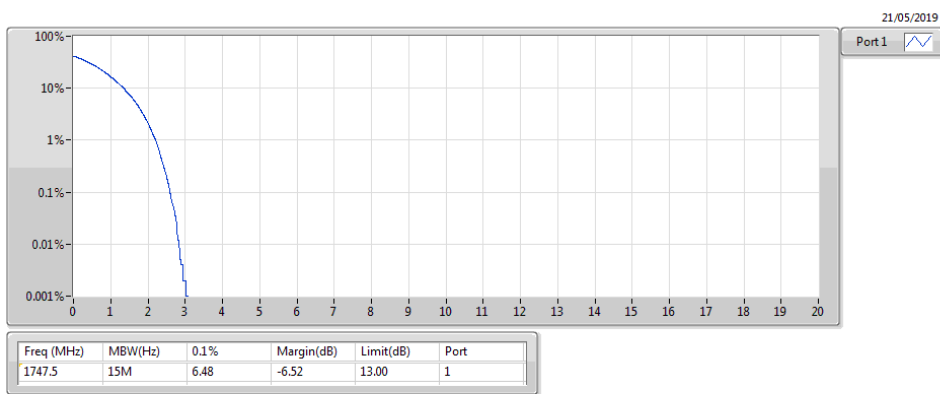
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1747.5MHz_QPSK_RB 75,#RB 0

PAR



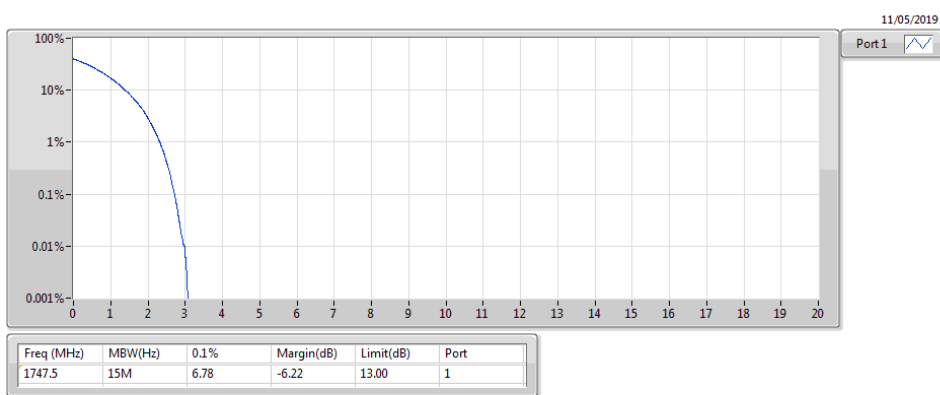
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1747.5MHz_QPSK_RB 1,#RB M

PAR



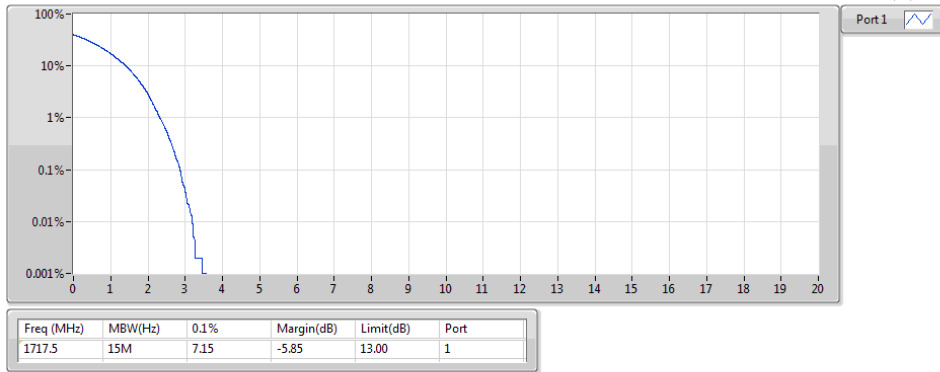
Band 4_LTE_15MHz_Nss1,QPSK_1TX
1747.5MHz_QPSK_RB 36,#RB M

PAR



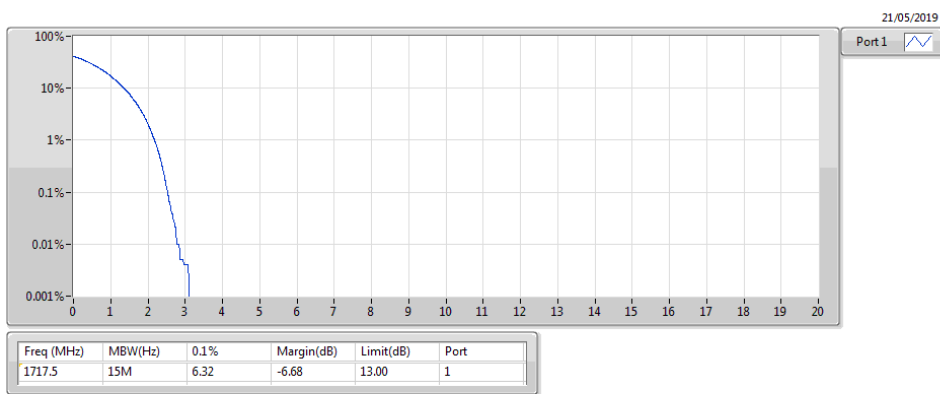
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1717.5MHz_16QAM_RB 75,#RB 0

PAR



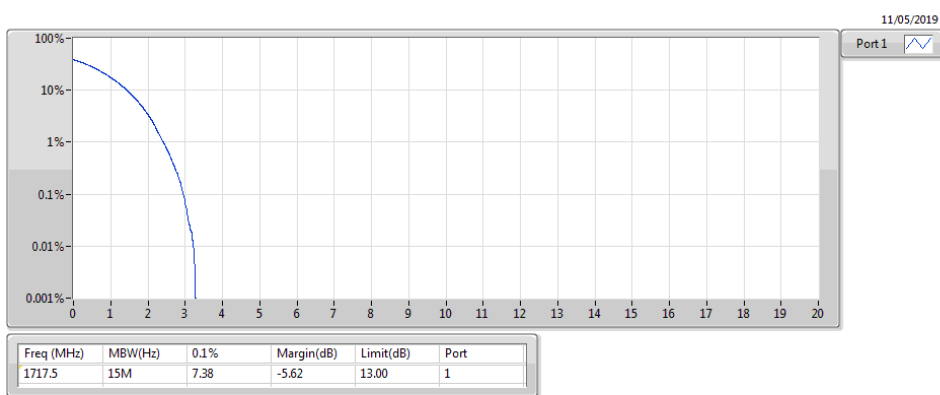
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1717.5MHz_16QAM_RB 1,#RB M

PAR



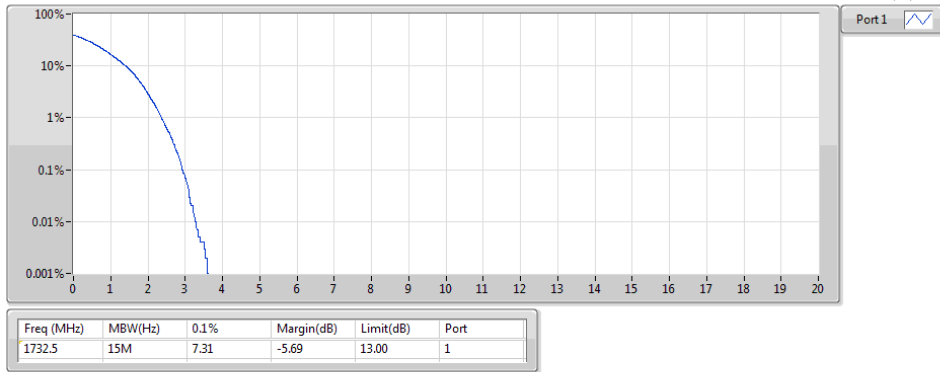
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1717.5MHz_16QAM_RB 36,#RB M

PAR



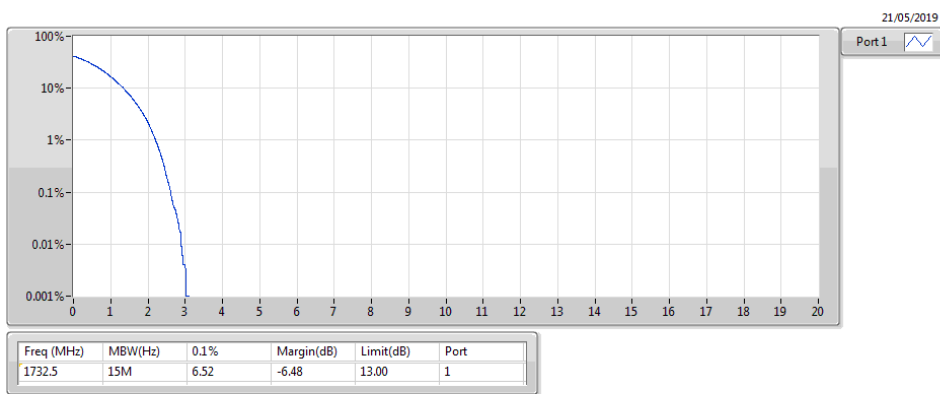
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 75,#RB 0

PAR



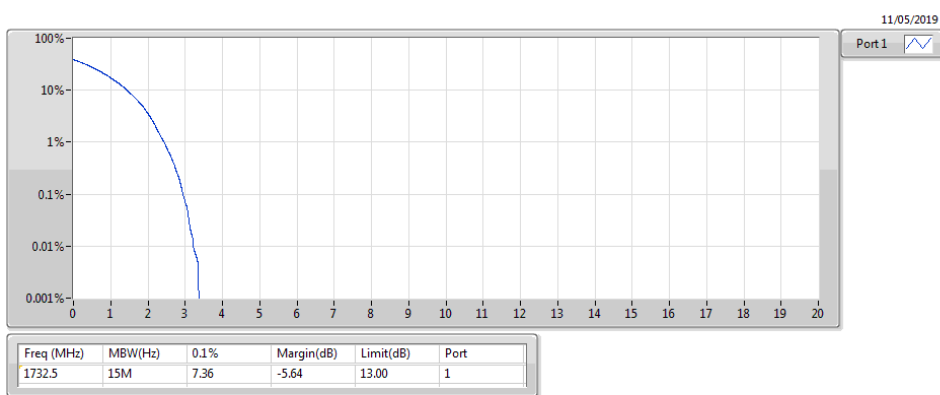
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



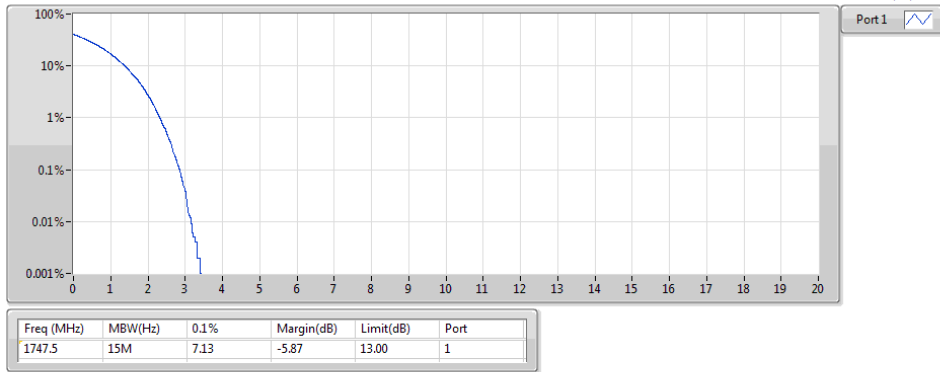
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 36,#RB M

PAR



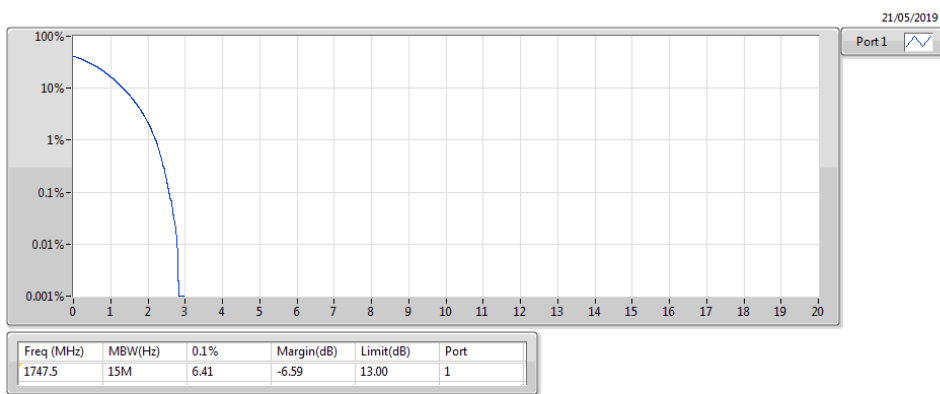
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1747.5MHz_16QAM_RB 75,#RB 0

PAR



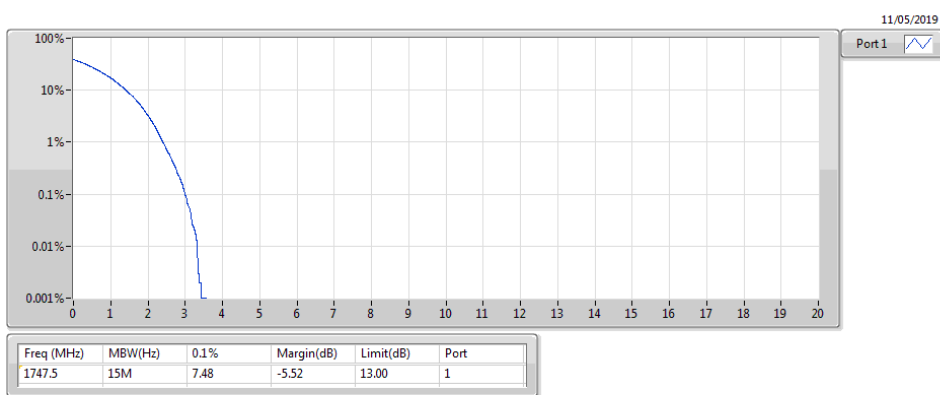
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1747.5MHz_16QAM_RB 1,#RB M

PAR



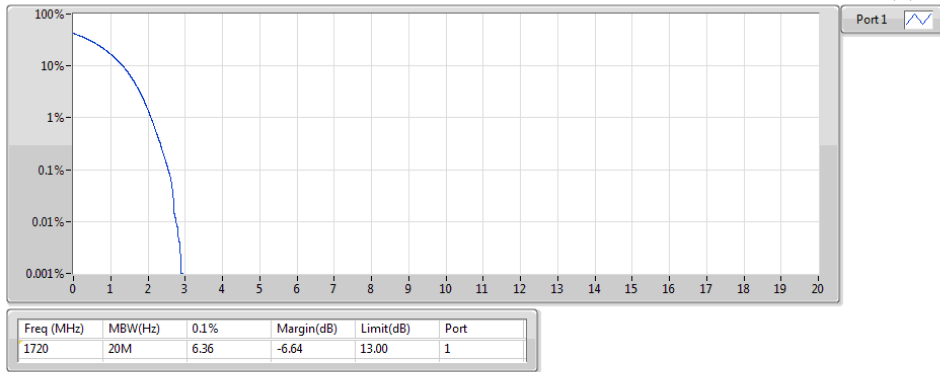
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1747.5MHz_16QAM_RB 36,#RB M

PAR



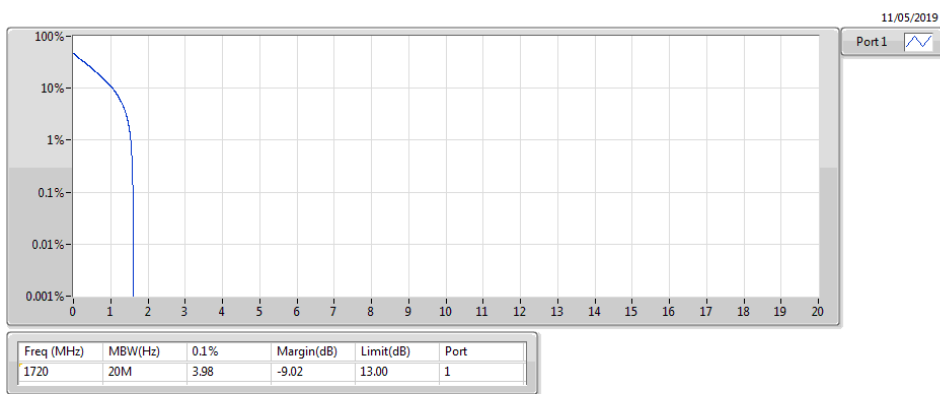
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1720MHz_QPSK_RB 100,#RB 0

PAR



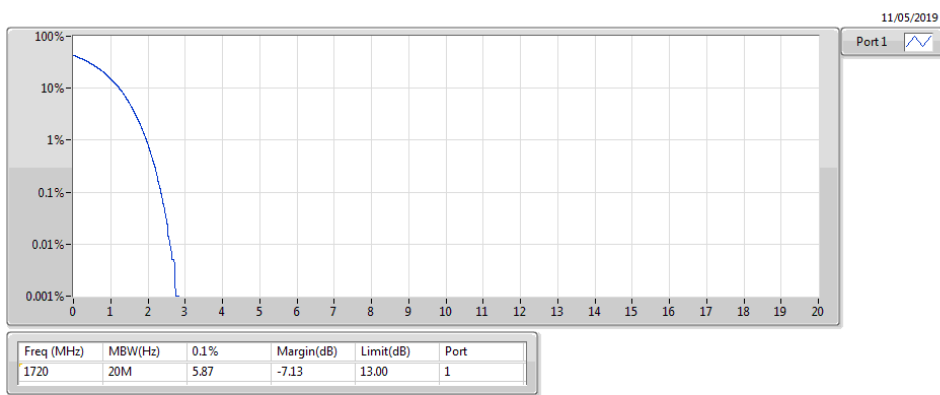
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1720MHz_QPSK_RB 1,#RB M

PAR



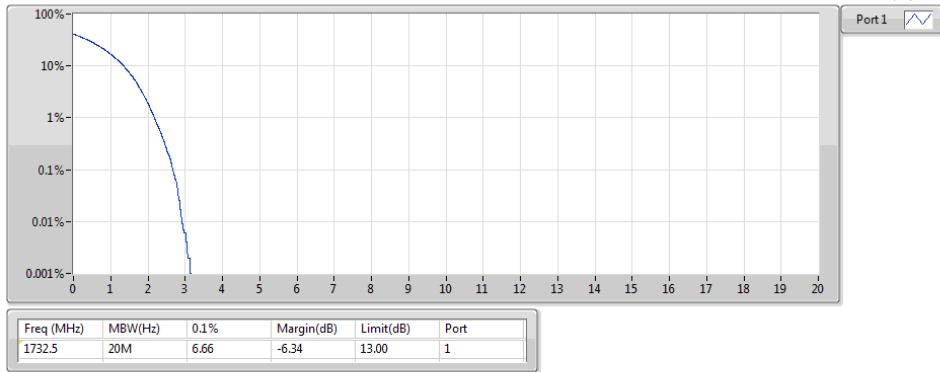
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1720MHz_QPSK_RB 50,#RB M

PAR



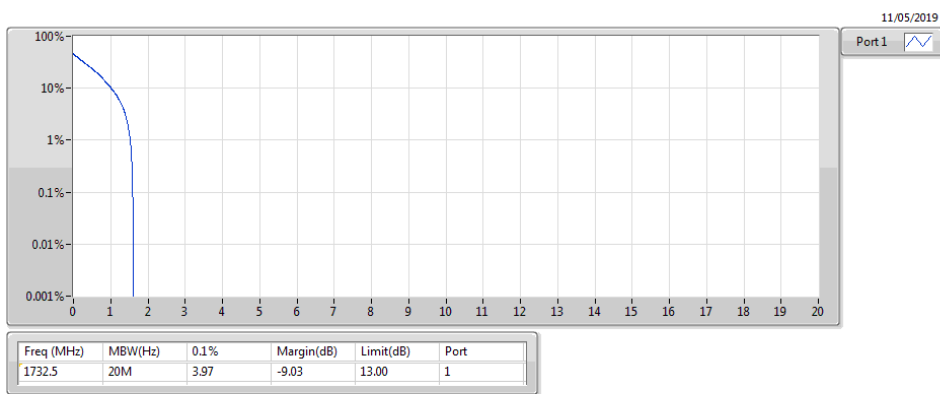
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 100,#RB 0

PAR



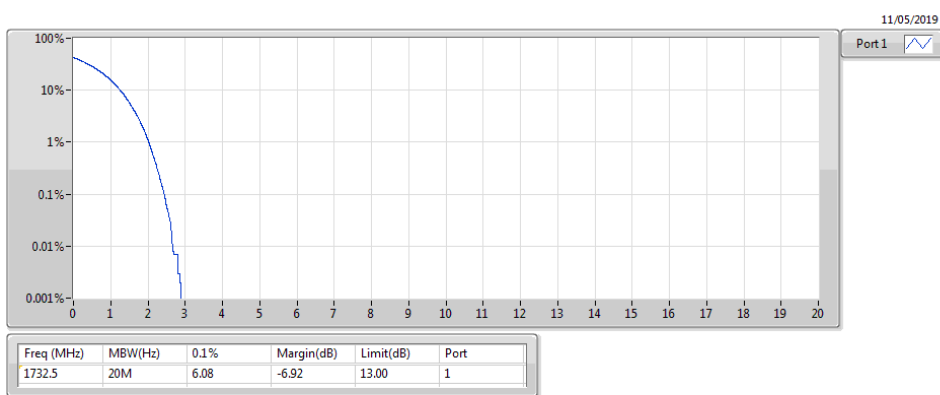
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 1,#RB M

PAR



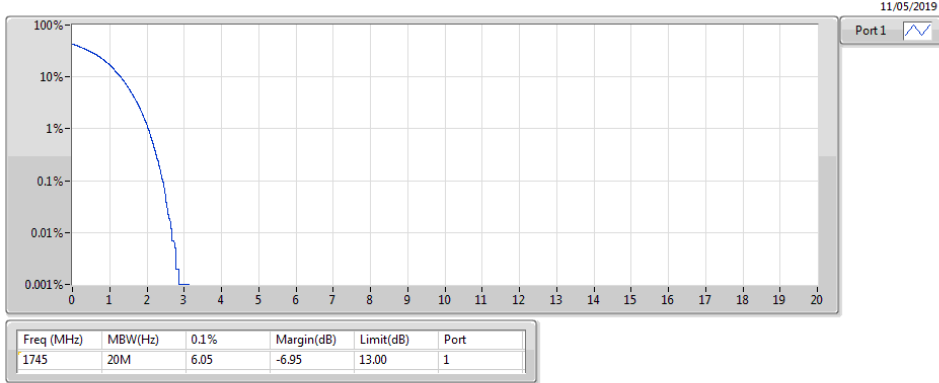
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1732.5MHz_QPSK_RB 50,#RB M

PAR



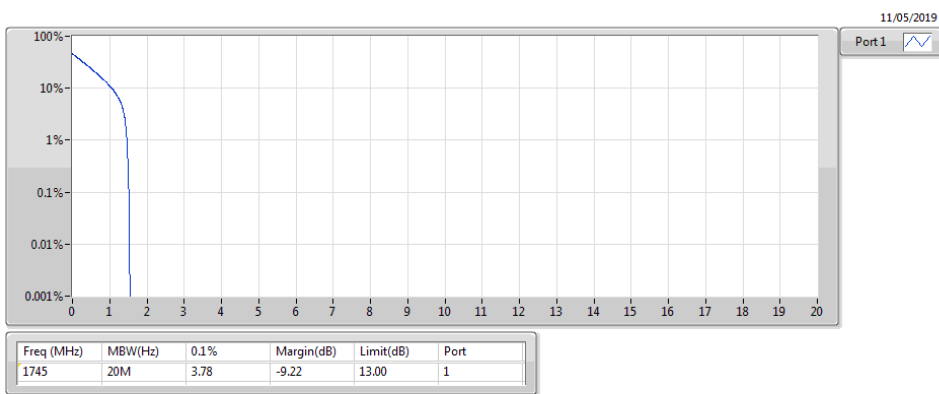
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1745MHz_QPSK_RB 100,#RB 0

PAR



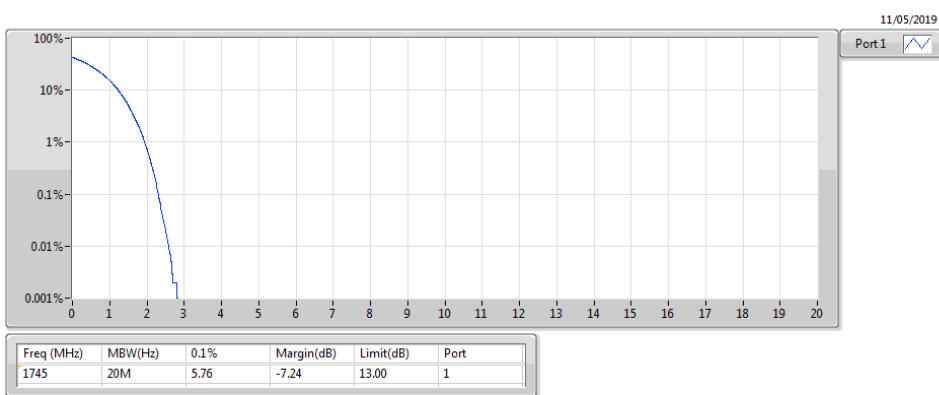
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1745MHz_QPSK_RB 1,#RB M

PAR



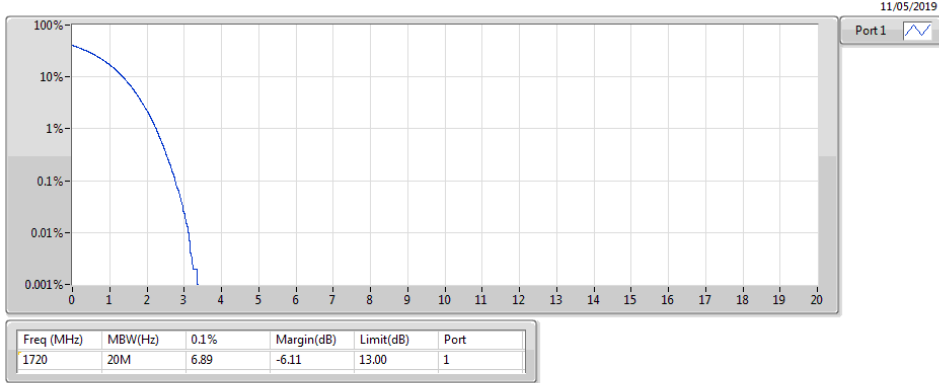
Band 4_LTE_20MHz_Nss1,QPSK_1TX
1745MHz_QPSK_RB 50,#RB M

PAR



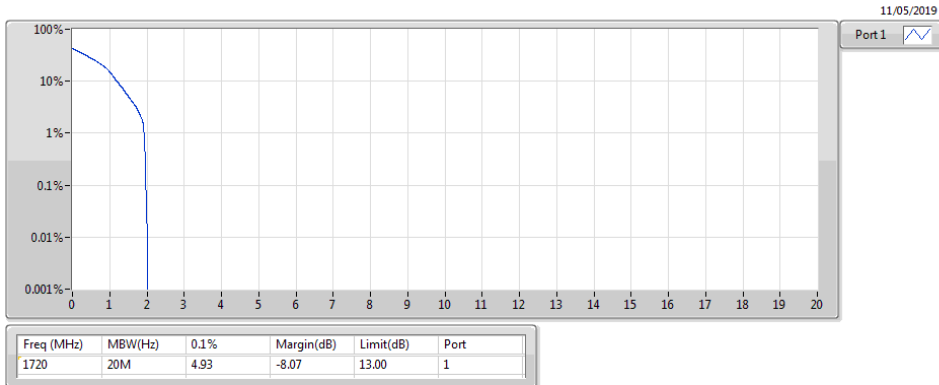
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1720MHz_16QAM_RB 100,#RB 0

PAR



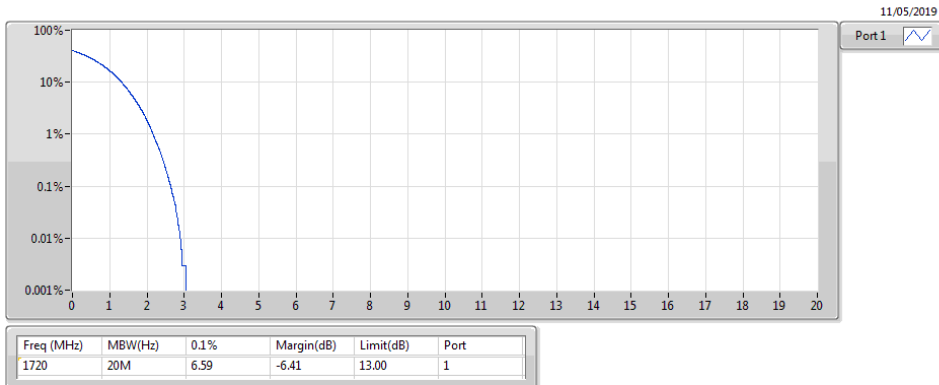
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1720MHz_16QAM_RB 1,#RB M

PAR



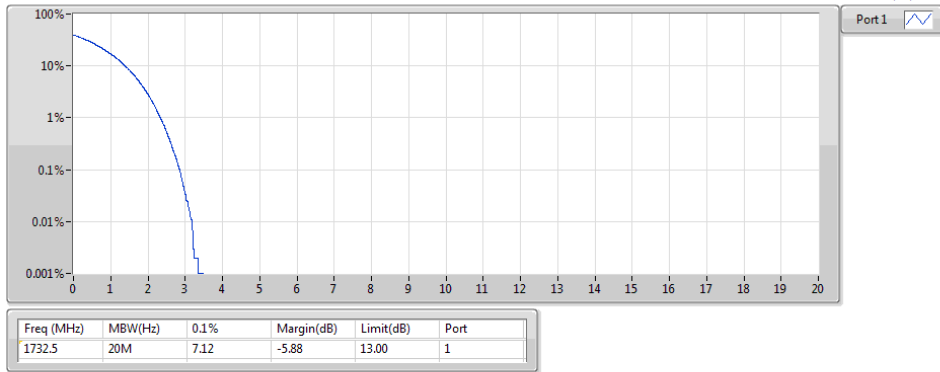
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1720MHz_16QAM_RB 50,#RB M

PAR



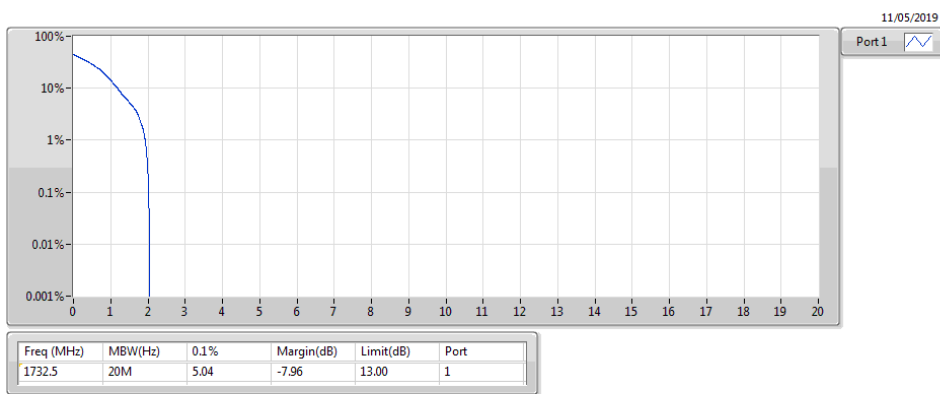
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 100,#RB 0

PAR



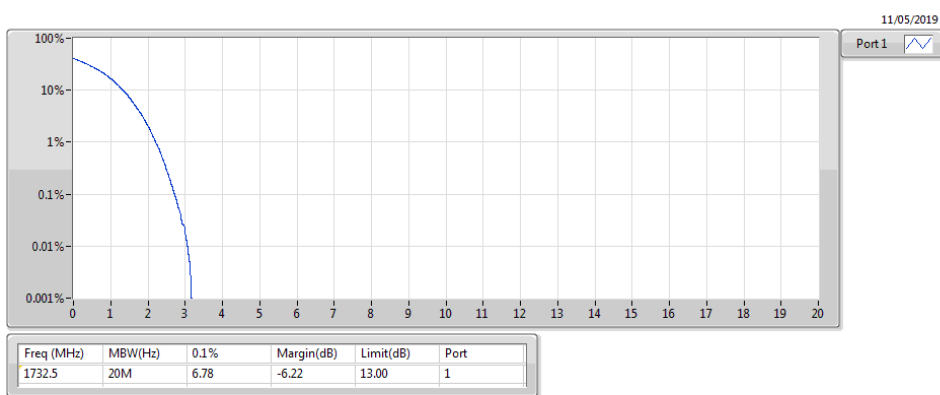
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 1,#RB M

PAR



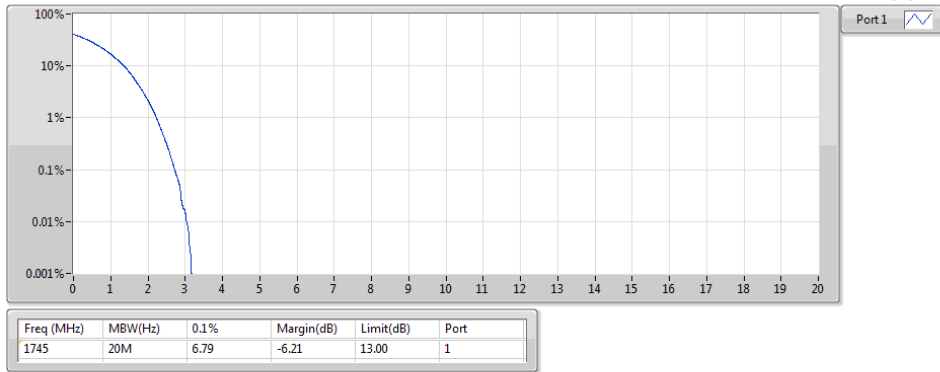
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1732.5MHz_16QAM_RB 50,#RB M

PAR



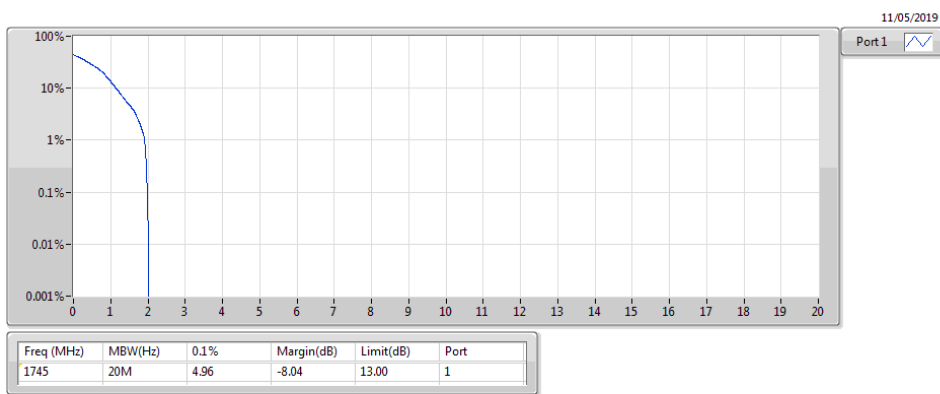
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1745MHz_16QAM_RB 100,#RB 0

PAR



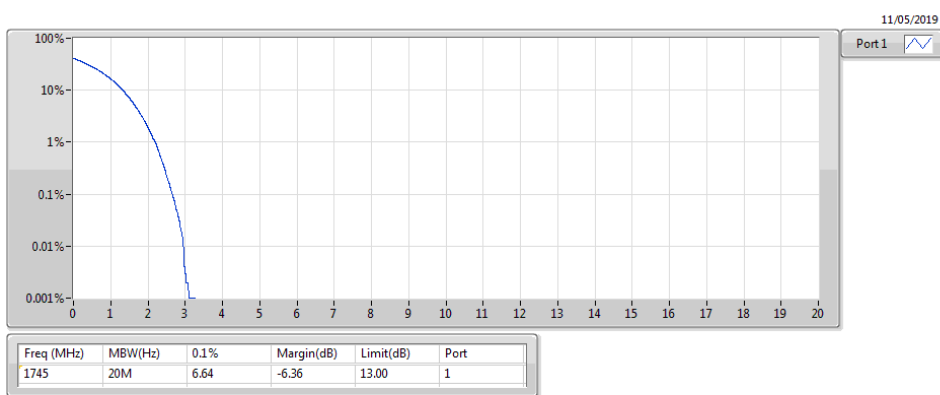
Band 4_LTE_20MHz_Nss1,16QAM_1TX
1745MHz_16QAM_RB 1,#RB M

PAR



Band 4_LTE_20MHz_Nss1,16QAM_1TX
1745MHz_16QAM_RB 50,#RB M

PAR





<Mode 6> EUT 2 + LTE Band 5 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 5	-	-	-	-	-
LTE_10MHz_Nss1,QPSK_1TX	Pass	836.5	13.00	5.75	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	836.5	13.00	6.68	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	836.5	13.00	5.62	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	836.5	13.00	6.36	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	836.5	13.00	4.95	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	836.5	13.00	6.28	1
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	836.5	13.00	5.95	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	836.5	13.00	6.46	1



Peak to Average Power Ratio (PAPR) Results

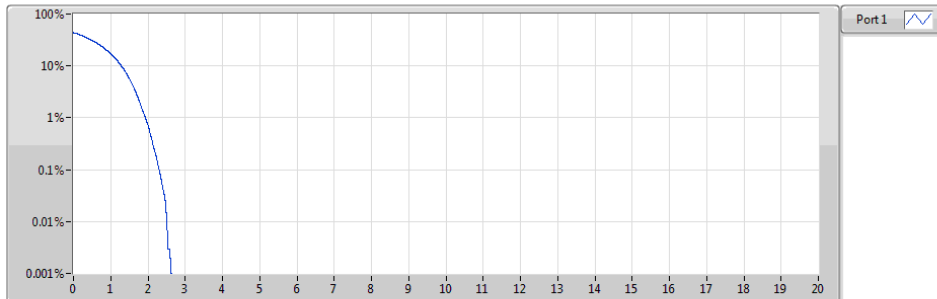
Appendix B.6

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 5_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-
836.5MHz_RB 50,#RB 0	Pass	836.5	13.00	5.75	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	4.69	1
836.5MHz_RB 25,#RB M	Pass	836.5	13.00	4.99	1
Band 5_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-
836.5MHz_RB 50,#RB 0	Pass	836.5	13.00	6.68	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	5.45	1
836.5MHz_RB 25,#RB M	Pass	836.5	13.00	6.30	1
Band 5_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-
836.5MHz_RB 25,#RB 0	Pass	836.5	13.00	5.62	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	4.70	1
836.5MHz_RB 12,#RB M	Pass	836.5	13.00	5.18	1
Band 5_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-
836.5MHz_RB 25,#RB 0	Pass	836.5	13.00	6.36	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	5.33	1
836.5MHz_RB 12,#RB M	Pass	836.5	13.00	6.15	1
Band 5_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-
836.5MHz_RB 15,#RB 0	Pass	836.5	13.00	4.95	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	4.78	1
836.5MHz_RB 8,#RB M	Pass	836.5	13.00	4.65	1
Band 5_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-
836.5MHz_RB 15,#RB 0	Pass	836.5	13.00	6.28	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	5.51	1
836.5MHz_RB 8,#RB M	Pass	836.5	13.00	5.98	1
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-
836.5MHz_RB 6,#RB 0	Pass	836.5	13.00	5.95	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	4.70	1
836.5MHz_RB 3,#RB M	Pass	836.5	13.00	5.02	1
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-
836.5MHz_RB 6,#RB 0	Pass	836.5	13.00	6.46	1
836.5MHz_RB 1,#RB M	Pass	836.5	13.00	5.54	1
836.5MHz_RB 3,#RB M	Pass	836.5	13.00	6.05	1

Band 5_LTE_10MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 50,#RB 0

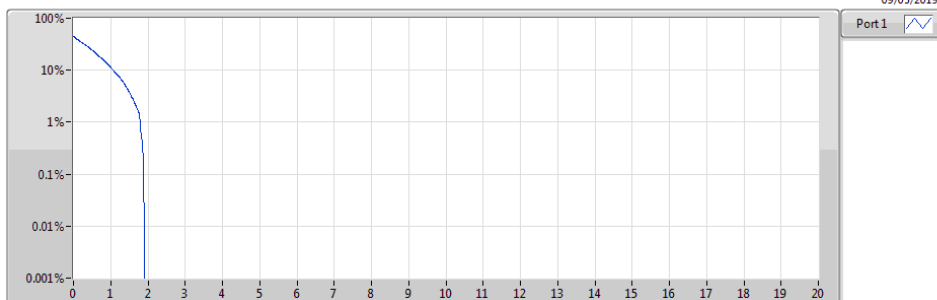
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	10M	5.75	-7.25	13.00	1

Band 5_LTE_10MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 1,#RB M

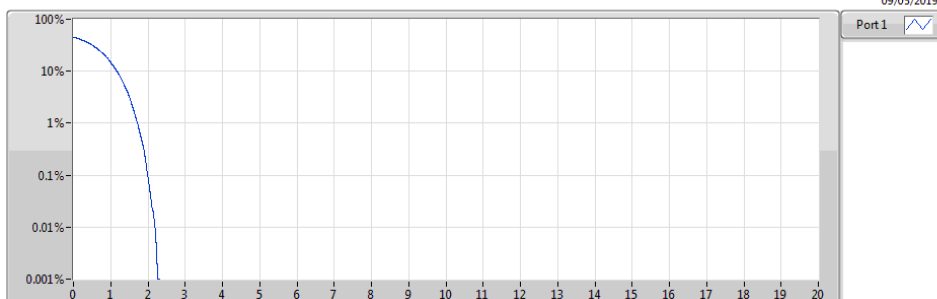
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	10M	4.69	-8.31	13.00	1

Band 5_LTE_10MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 25,#RB M

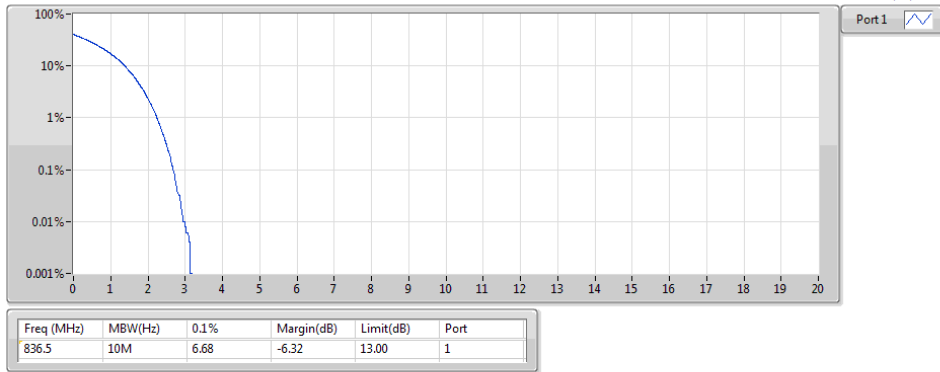
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	10M	4.99	-8.02	13.00	1

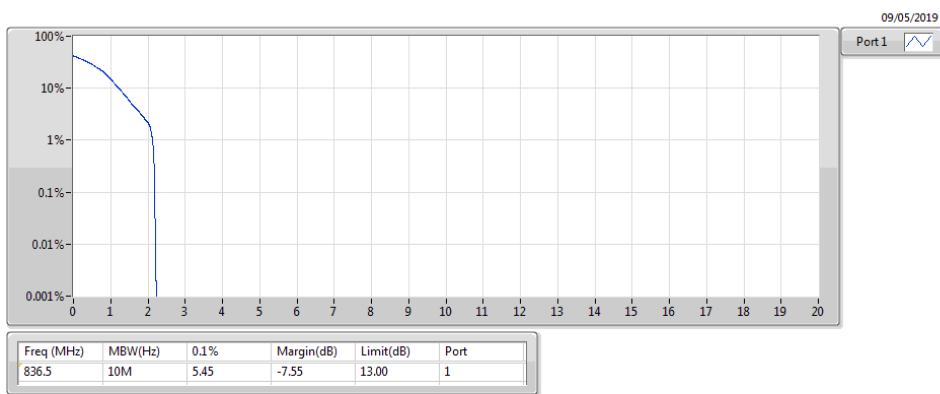
Band 5_LTE_10MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 50,#RB 0

PAR



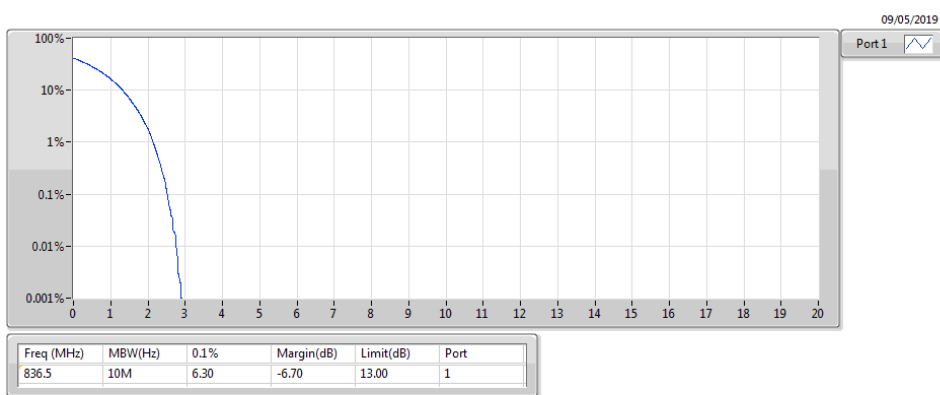
Band 5_LTE_10MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 1,#RB M

PAR



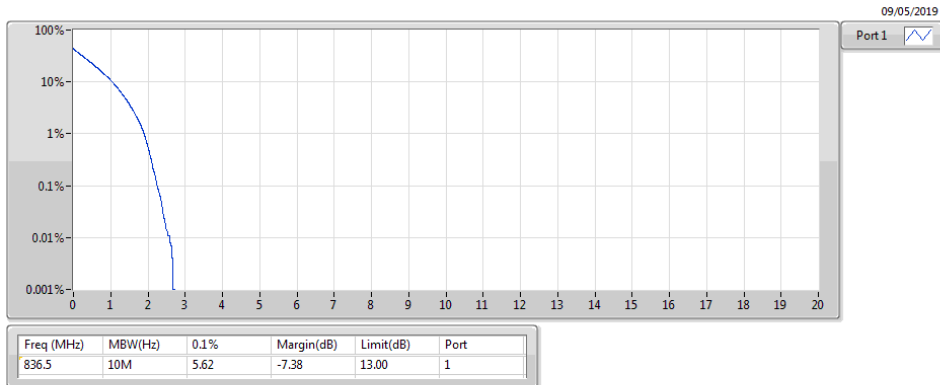
Band 5_LTE_10MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 25,#RB M

PAR



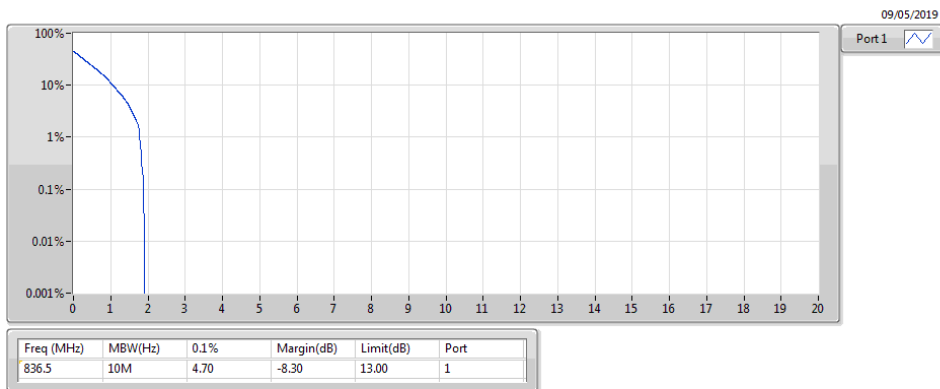
Band 5_LTE_5MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 25,#RB 0

PAR



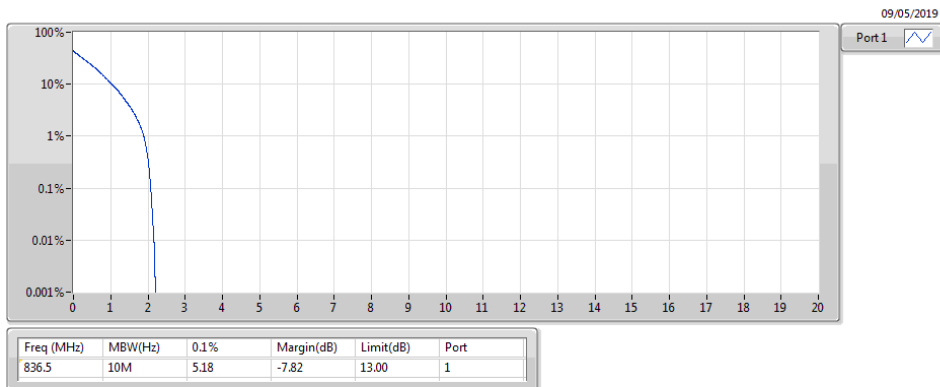
Band 5_LTE_5MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 1,#RB M

PAR



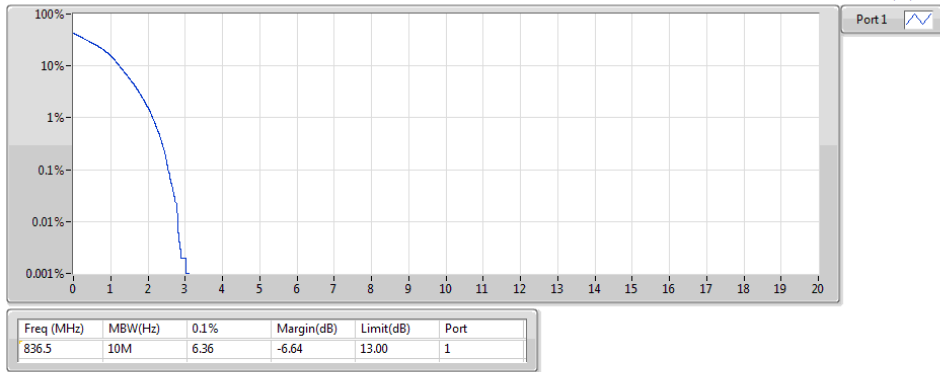
Band 5_LTE_5MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 12,#RB M

PAR



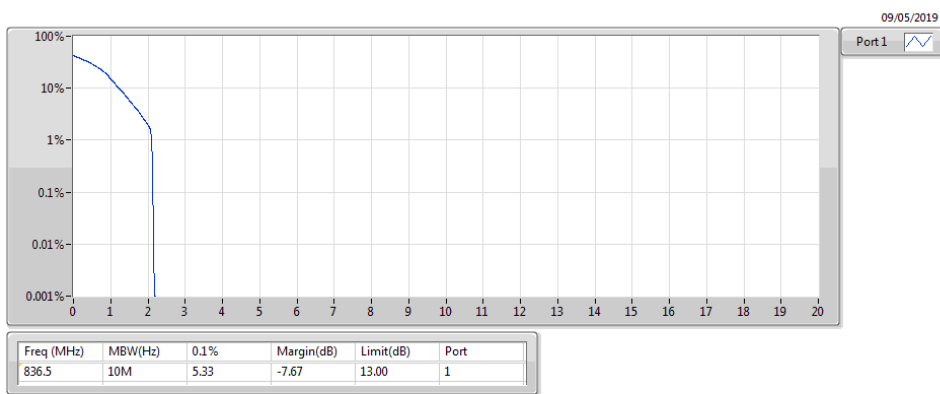
Band 5_LTE_5MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 25,#RB 0

PAR



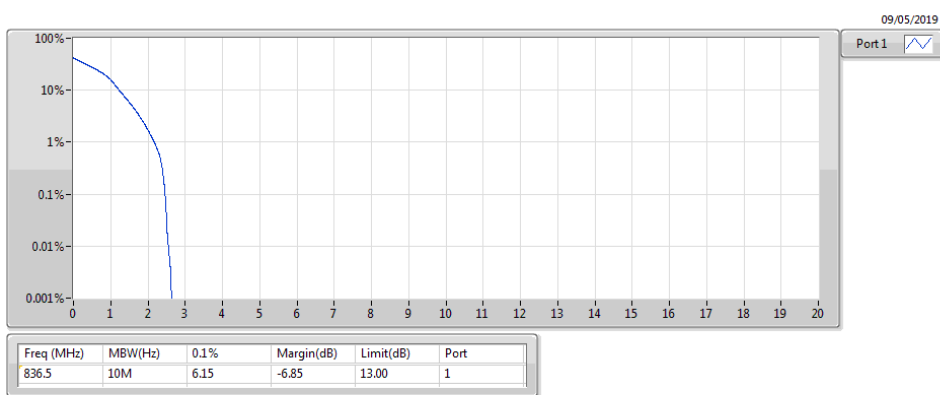
Band 5_LTE_5MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 1,#RB M

PAR



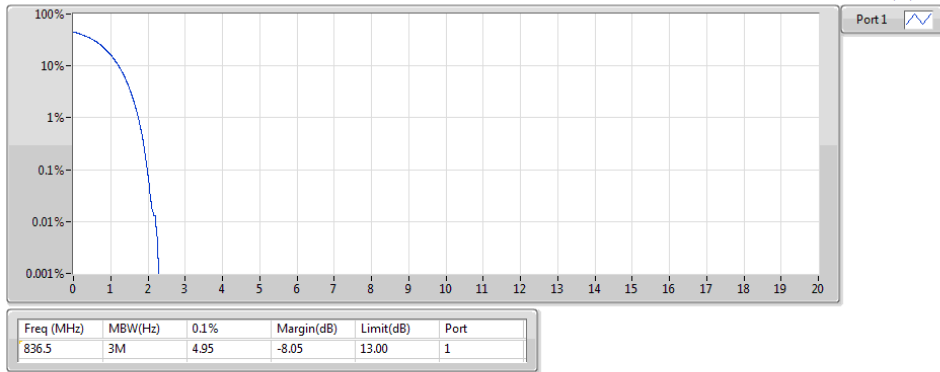
Band 5_LTE_5MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 12,#RB M

PAR



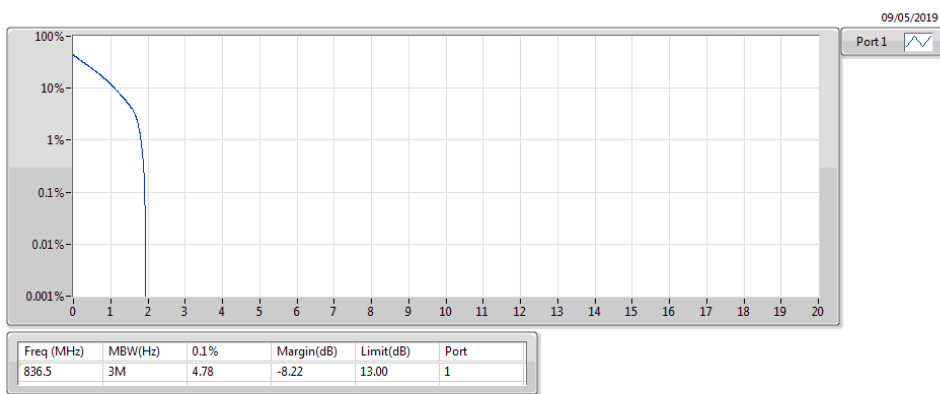
Band 5_LTE_3MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 15,#RB 0

PAR



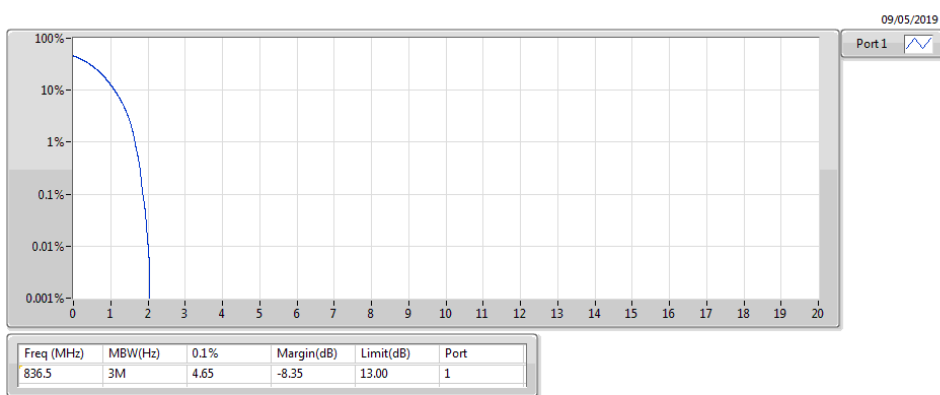
Band 5_LTE_3MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 1,#RB M

PAR



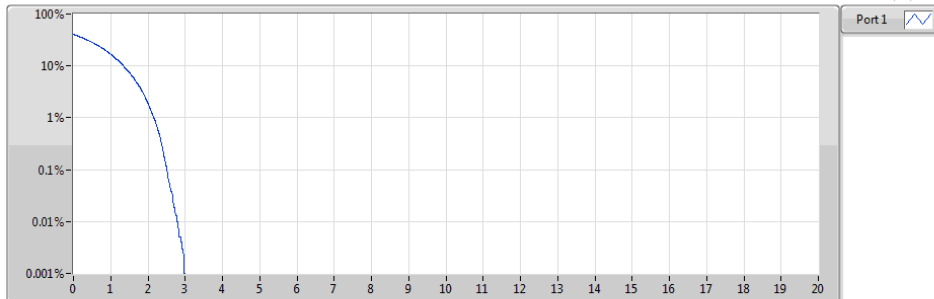
Band 5_LTE_3MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 8,#RB M

PAR



Band 5_LTE_3MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 15,#RB 0

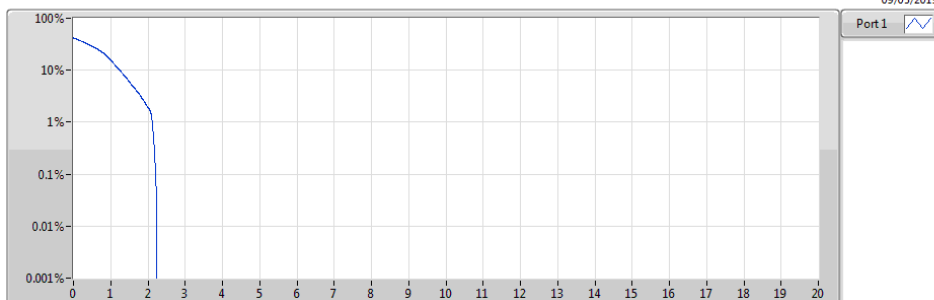
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	3M	6.28	-6.72	13.00	1

Band 5_LTE_3MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 1,#RB M

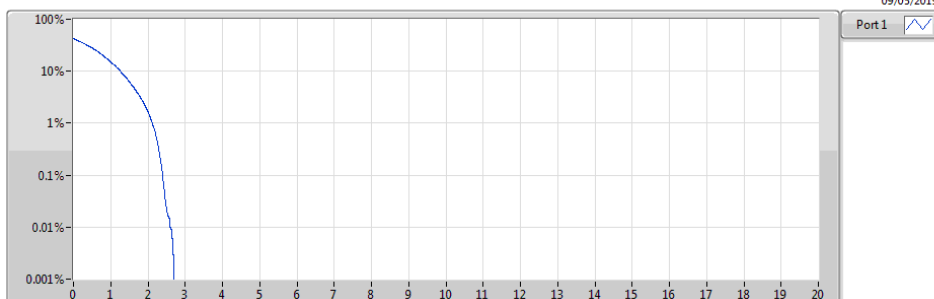
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	3M	5.51	-7.49	13.00	1

Band 5_LTE_3MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 8,#RB M

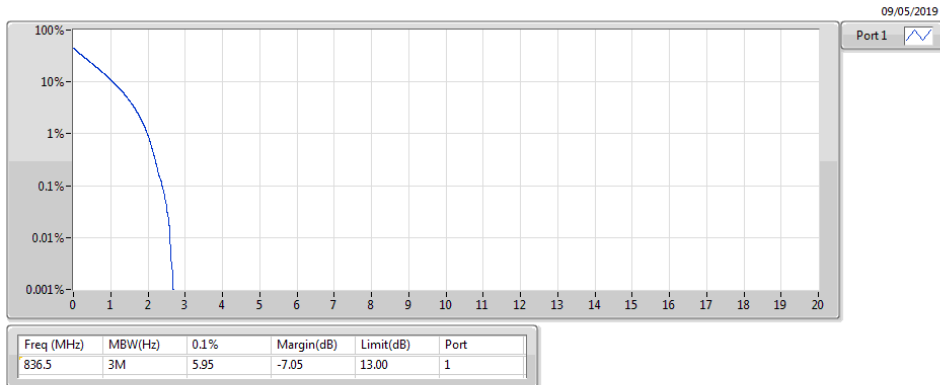
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
836.5	3M	5.98	-7.02	13.00	1

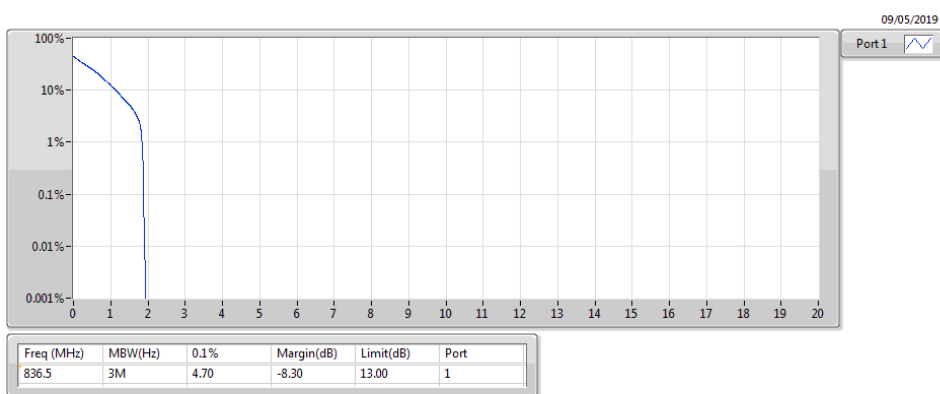
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 6,#RB 0

PAR



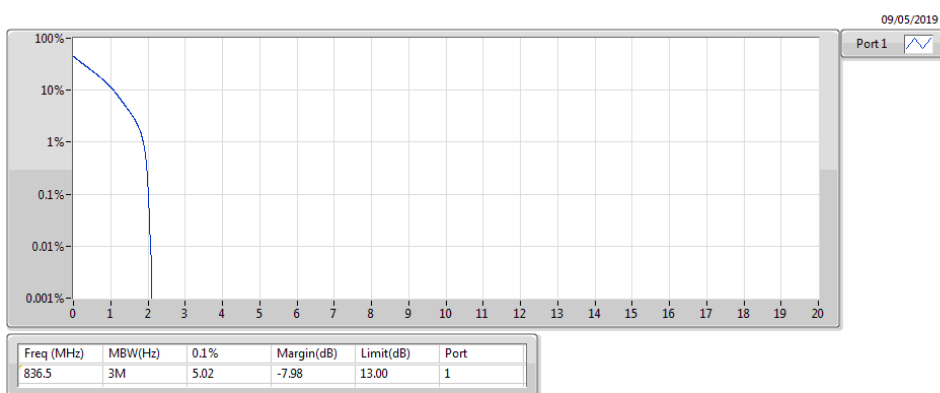
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 1,#RB M

PAR



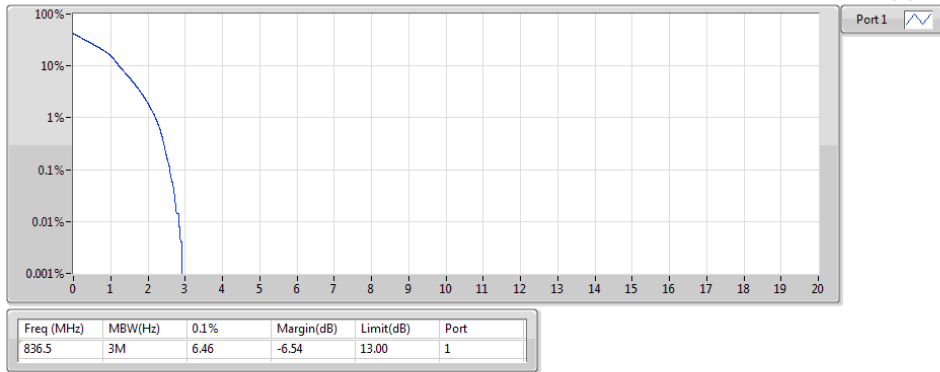
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX
836.5MHz_QPSK_RB 3,#RB M

PAR



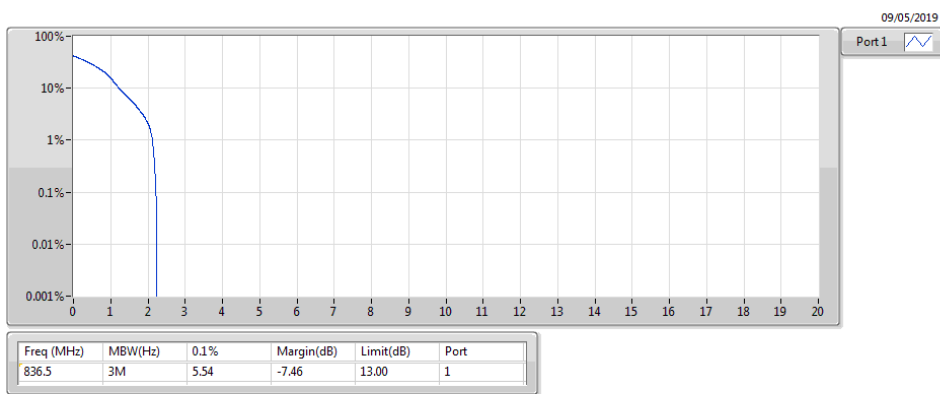
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 6,#RB 0

PAR



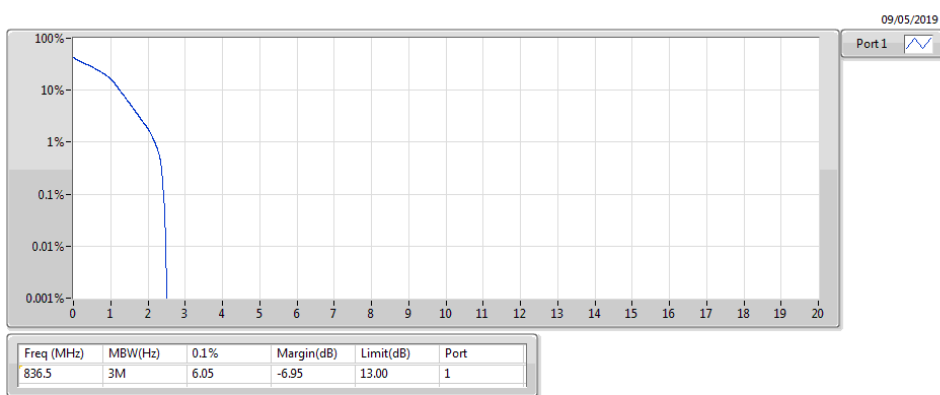
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 1,#RB M

PAR



Band 5_LTE_1.4MHz_Nss1,16QAM_1TX
836.5MHz_16QAM_RB 3,#RB M

PAR





<Mode 7> EUT 2 + LTE Band 12 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 12	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	707.5	13.00	4.94	1
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	707.5	13.00	5.48	1
LTE_3MHz_Nss1,QPSK_1TX	Pass	700.5	13.00	4.74	1
LTE_3MHz_Nss1,16QAM_1TX	Pass	700.5	13.00	5.82	1
LTE_5MHz_Nss1,QPSK_1TX	Pass	713.5	13.00	4.91	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	707.5	13.00	5.57	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	704.5	13.00	5.55	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	707.5	13.00	6.37	1



Peak to Average Power Ratio (PAPR) Results

Appendix B.7

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	699.7	13.00	4.93	1
699.7MHz_RB 1,#RB M	Pass	699.7	13.00	3.71	1
699.7MHz_RB 3,#RB M	Pass	699.7	13.00	4.21	1
707.5MHz_RB 6,#RB 0	Pass	707.5	13.00	4.94	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	3.68	1
707.5MHz_RB 3,#RB M	Pass	707.5	13.00	4.04	1
715.3MHz_RB 6,#RB 0	Pass	715.3	13.00	4.93	1
715.3MHz_RB 1,#RB M	Pass	715.3	13.00	3.79	1
715.3MHz_RB 3,#RB M	Pass	715.3	13.00	4.19	1
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	699.7	13.00	5.46	1
699.7MHz_RB 1,#RB M	Pass	699.7	13.00	4.59	1
699.7MHz_RB 3,#RB M	Pass	699.7	13.00	5.01	1
707.5MHz_RB 6,#RB 0	Pass	707.5	13.00	5.48	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	4.37	1
707.5MHz_RB 3,#RB M	Pass	707.5	13.00	4.76	1
715.3MHz_RB 6,#RB 0	Pass	715.3	13.00	5.37	1
715.3MHz_RB 1,#RB M	Pass	715.3	13.00	4.49	1
715.3MHz_RB 3,#RB M	Pass	715.3	13.00	4.96	1
Band 12_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	700.5	13.00	4.74	1
700.5MHz_RB 1,#RB M	Pass	700.5	13.00	3.83	1
700.5MHz_RB 8,#RB M	Pass	700.5	13.00	4.22	1
707.5MHz_RB 15,#RB 0	Pass	707.5	13.00	4.72	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	3.69	1
707.5MHz_RB 8,#RB M	Pass	707.5	13.00	4.00	1
714.5MHz_RB 15,#RB 0	Pass	714.5	13.00	4.68	1
714.5MHz_RB 1,#RB M	Pass	714.5	13.00	3.61	1
714.5MHz_RB 8,#RB M	Pass	714.5	13.00	4.06	1
Band 12_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	700.5	13.00	5.82	1
700.5MHz_RB 1,#RB M	Pass	700.5	13.00	4.40	1
700.5MHz_RB 8,#RB M	Pass	700.5	13.00	5.36	1
707.5MHz_RB 15,#RB 0	Pass	707.5	13.00	5.79	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	4.43	1
707.5MHz_RB 8,#RB M	Pass	707.5	13.00	5.24	1
714.5MHz_RB 15,#RB 0	Pass	714.5	13.00	5.74	1
714.5MHz_RB 1,#RB M	Pass	714.5	13.00	4.27	1
714.5MHz_RB 8,#RB M	Pass	714.5	13.00	5.09	1
Band 12_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	701.5	13.00	4.89	1
701.5MHz_RB 1,#RB M	Pass	701.5	13.00	3.80	1
701.5MHz_RB 12,#RB M	Pass	701.5	13.00	4.37	1



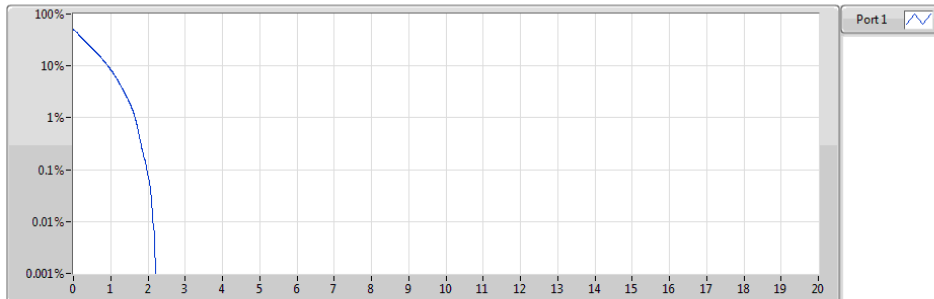
Peak to Average Power Ratio (PAPR) Results

Appendix B.7

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
707.5MHz_RB 25,#RB 0	Pass	707.5	13.00	4.85	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	3.58	1
707.5MHz_RB 12,#RB M	Pass	707.5	13.00	4.51	1
713.5MHz_RB 25,#RB 0	Pass	713.5	13.00	4.91	1
713.5MHz_RB 1,#RB M	Pass	713.5	13.00	3.70	1
713.5MHz_RB 12,#RB M	Pass	713.5	13.00	4.36	1
Band 12_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	701.5	13.00	5.50	1
701.5MHz_RB 1,#RB M	Pass	701.5	13.00	4.50	1
701.5MHz_RB 12,#RB M	Pass	701.5	13.00	5.21	1
707.5MHz_RB 25,#RB 0	Pass	707.5	13.00	5.57	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	4.26	1
707.5MHz_RB 12,#RB M	Pass	707.5	13.00	5.32	1
713.5MHz_RB 25,#RB 0	Pass	713.5	13.00	5.53	1
713.5MHz_RB 1,#RB M	Pass	713.5	13.00	4.47	1
713.5MHz_RB 12,#RB M	Pass	713.5	13.00	5.20	1
Band 12_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	704.5	13.00	5.55	1
704.5MHz_RB 1,#RB M	Pass	704.5	13.00	3.68	1
704.5MHz_RB 25,#RB M	Pass	704.5	13.00	4.67	1
707.5MHz_RB 50,#RB 0	Pass	707.5	13.00	5.46	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	3.71	1
707.5MHz_RB 25,#RB M	Pass	707.5	13.00	4.73	1
711MHz_RB 50,#RB 0	Pass	711	13.00	5.44	1
711MHz_RB 1,#RB M	Pass	711	13.00	3.80	1
711MHz_RB 25,#RB M	Pass	711	13.00	4.69	1
Band 12_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	704.5	13.00	6.36	1
704.5MHz_RB 1,#RB M	Pass	704.5	13.00	4.26	1
704.5MHz_RB 25,#RB M	Pass	704.5	13.00	5.69	1
707.5MHz_RB 50,#RB 0	Pass	707.5	13.00	6.37	1
707.5MHz_RB 1,#RB M	Pass	707.5	13.00	4.48	1
707.5MHz_RB 25,#RB M	Pass	707.5	13.00	5.79	1
711MHz_RB 50,#RB 0	Pass	711	13.00	6.33	1
711MHz_RB 1,#RB M	Pass	711	13.00	4.24	1
711MHz_RB 25,#RB M	Pass	711	13.00	5.77	1

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
699.7MHz_QPSK_RB 6,#RB 0

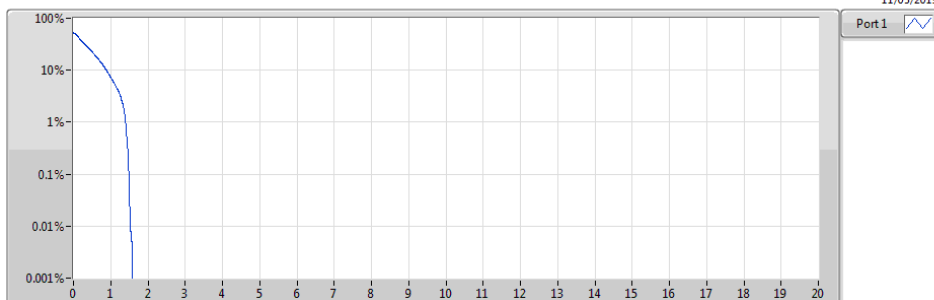
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	4.93	-8.07	13.00	1

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
699.7MHz_QPSK_RB 1,#RB M

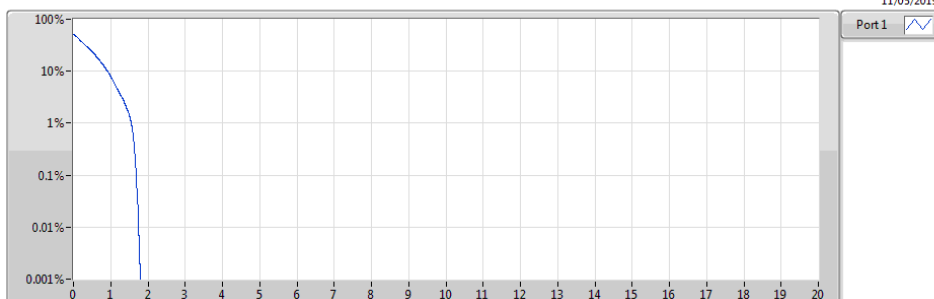
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	3.71	-9.29	13.00	1

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
699.7MHz_QPSK_RB 3,#RB M

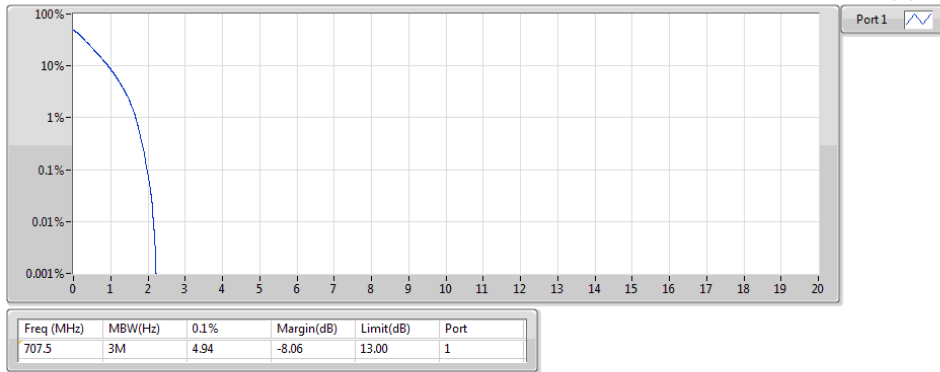
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	4.21	-8.79	13.00	1

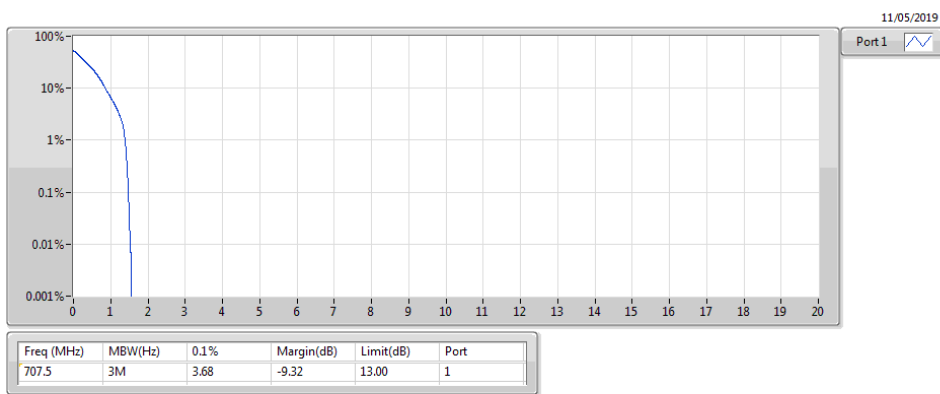
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 6,#RB 0

PAR



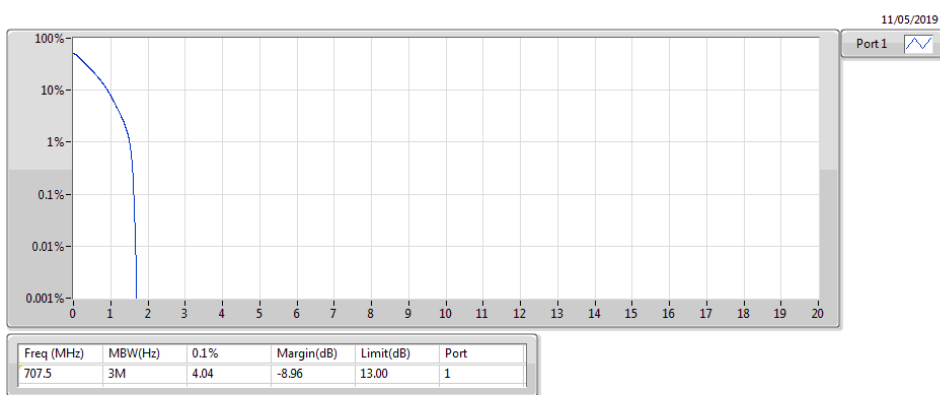
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 1,#RB M

PAR



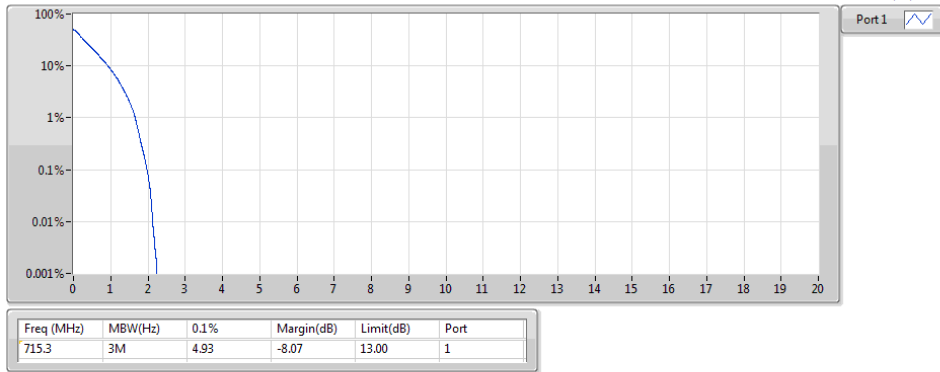
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 3,#RB M

PAR



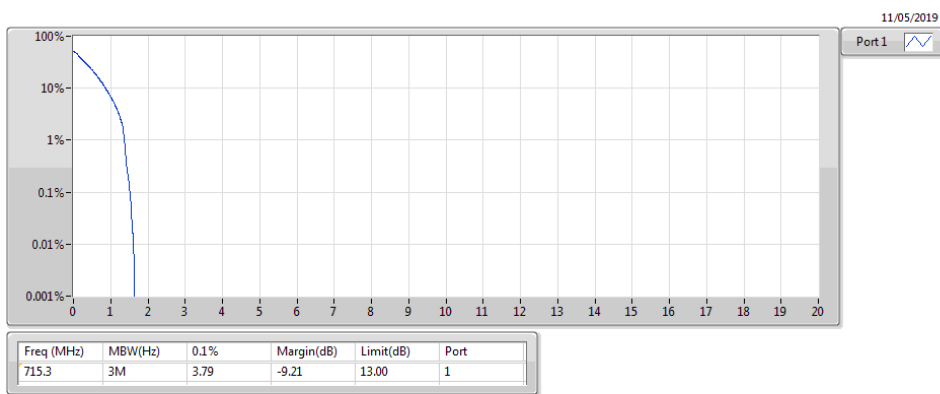
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
715.3MHz_QPSK_RB 6,#RB 0

PAR



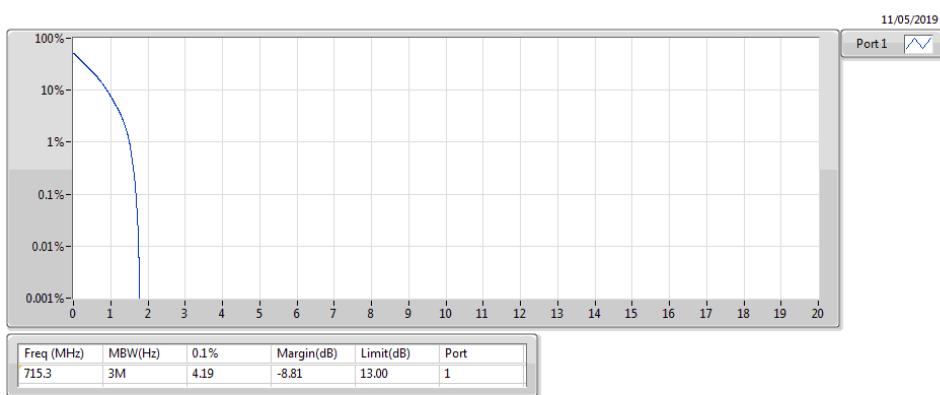
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
715.3MHz_QPSK_RB 1,#RB M

PAR



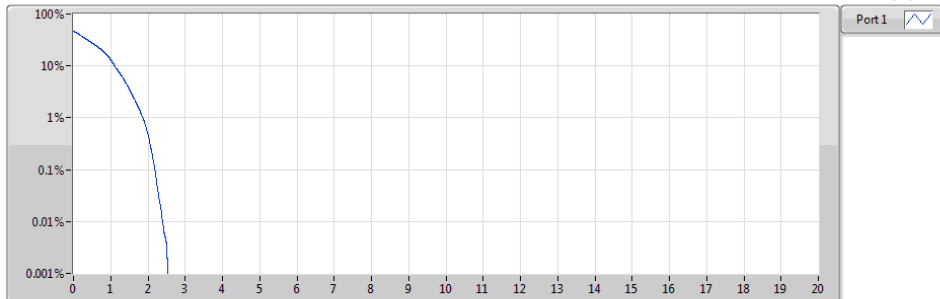
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX
715.3MHz_QPSK_RB 3,#RB M

PAR



Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 6,#RB 0

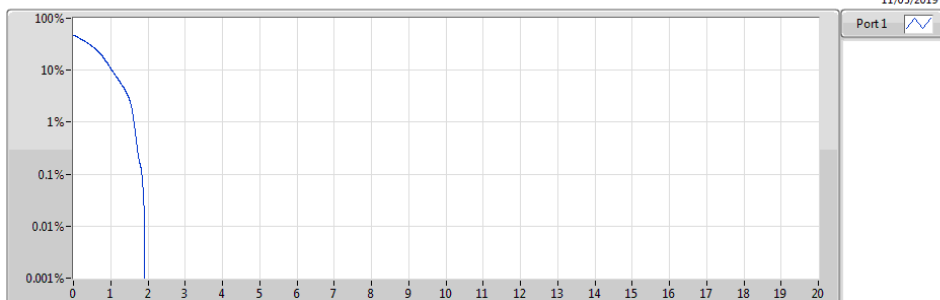
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	5.46	-7.54	13.00	1

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 1,#RB M

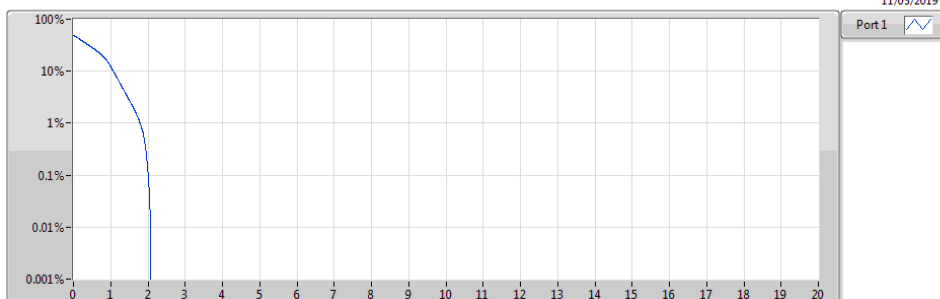
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	4.59	-8.41	13.00	1

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
699.7MHz_16QAM_RB 3,#RB M

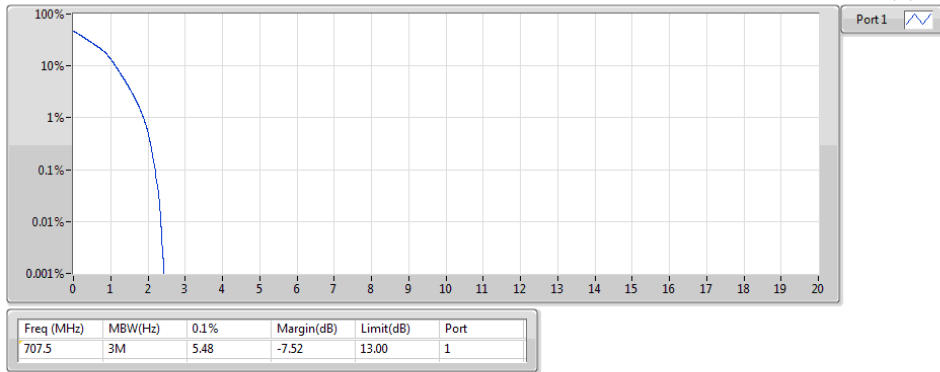
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
699.7	3M	5.01	-7.99	13.00	1

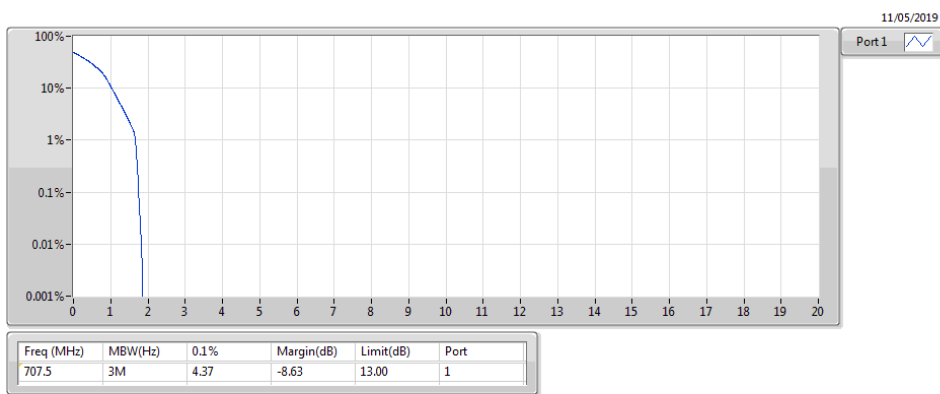
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 6,#RB 0

PAR



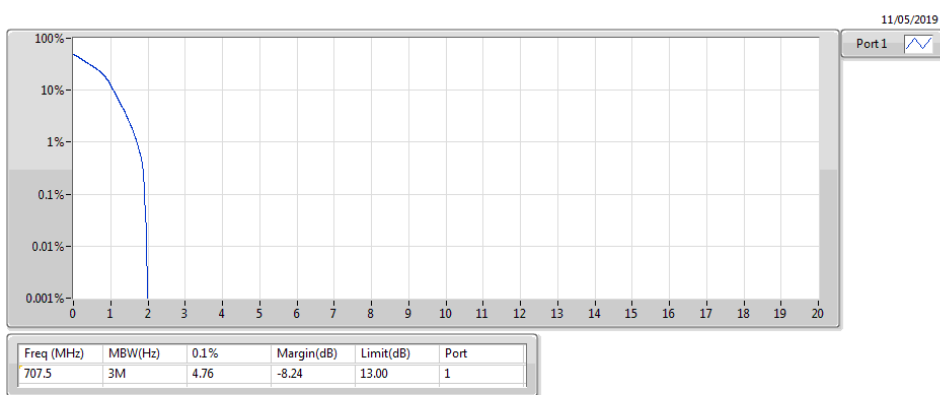
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 1,#RB M

PAR



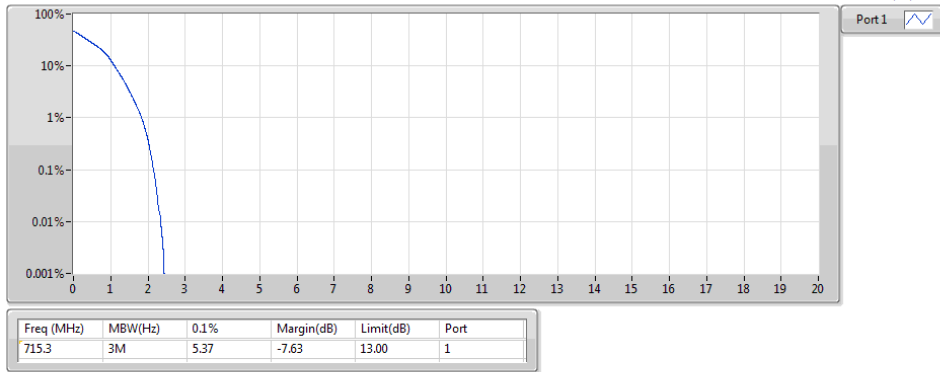
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 3,#RB M

PAR



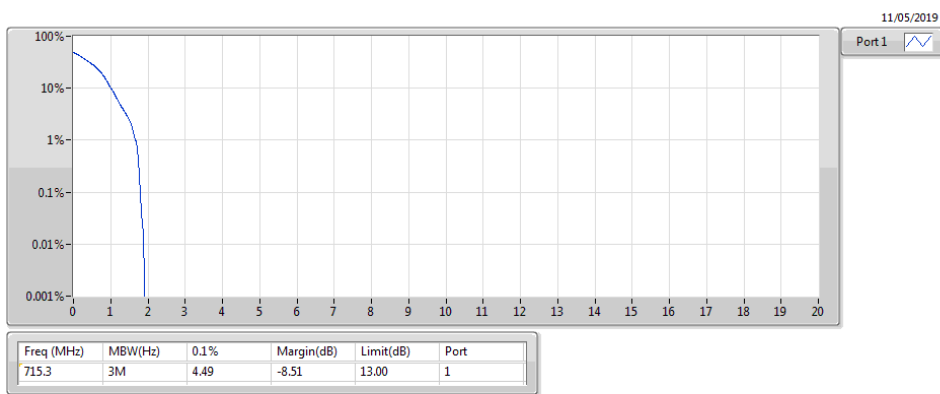
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 6,#RB 0

PAR



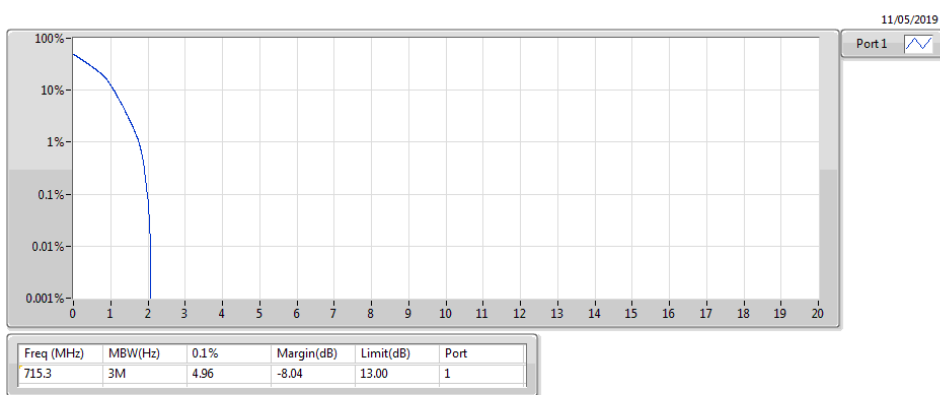
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 1,#RB M

PAR



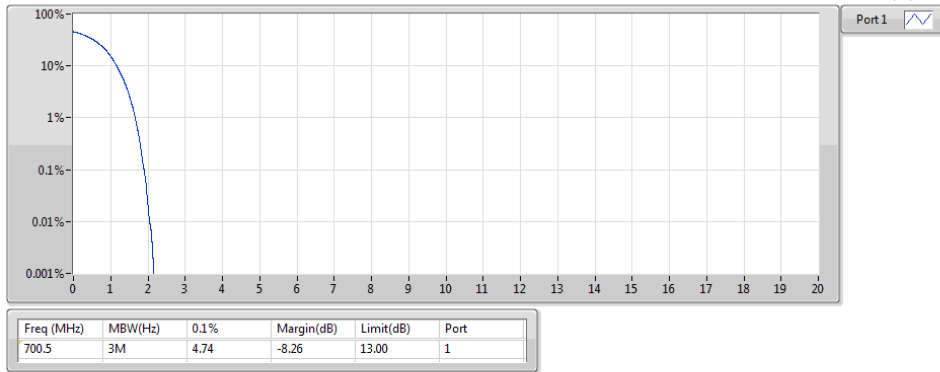
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX
715.3MHz_16QAM_RB 3,#RB M

PAR



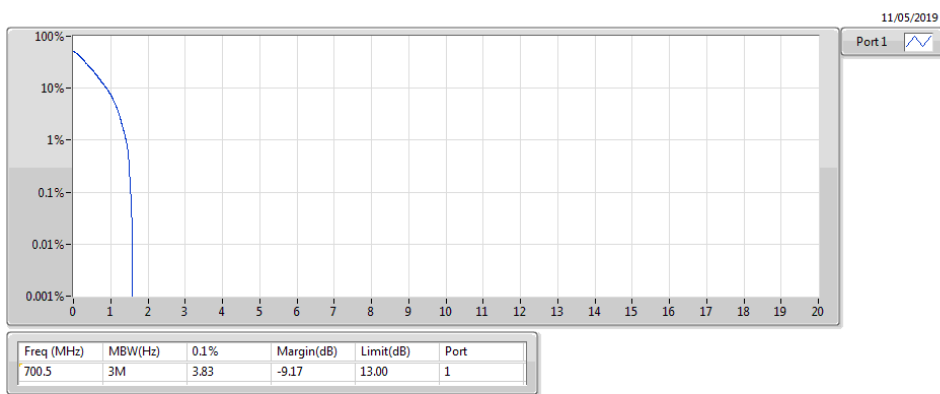
Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 15,#RB 0

PAR



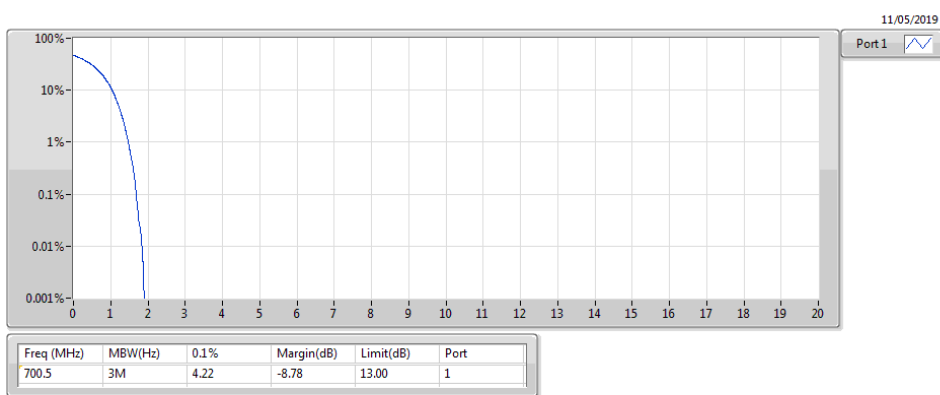
Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 1,#RB M

PAR



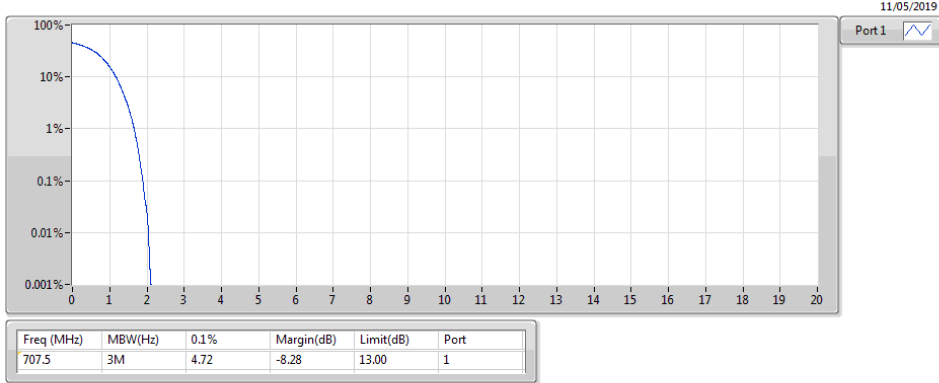
Band 12_LTE_3MHz_Nss1,QPSK_1TX
700.5MHz_QPSK_RB 8,#RB M

PAR



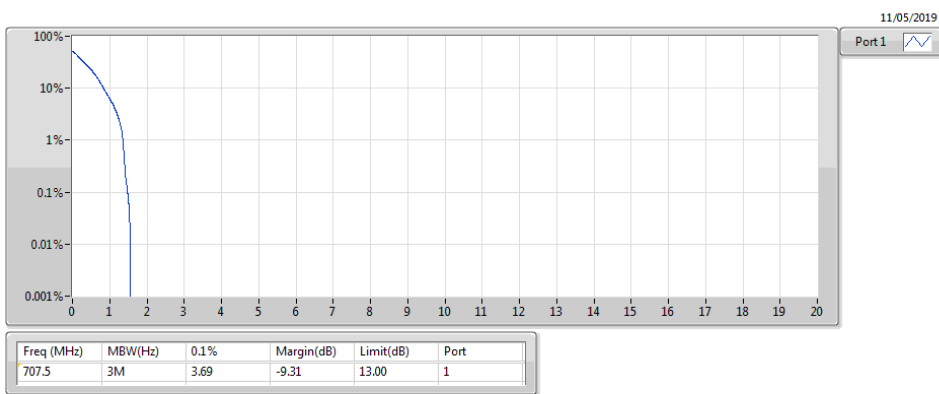
Band 12_LTE_3MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 15,#RB 0

PAR



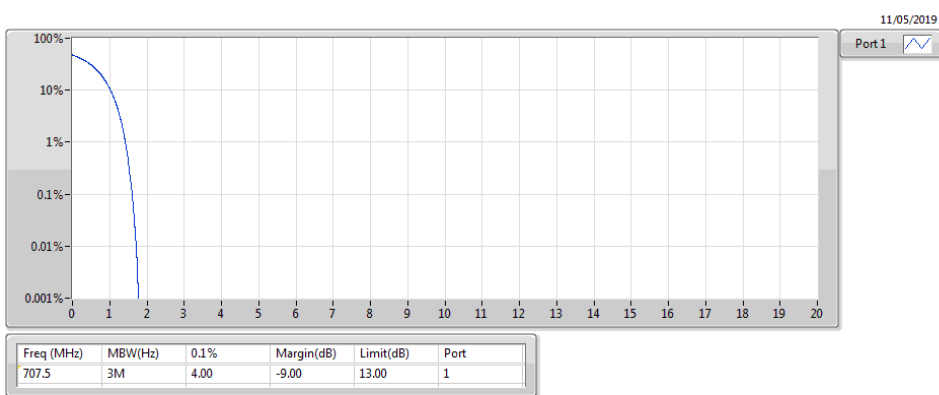
Band 12_LTE_3MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 1,#RB M

PAR



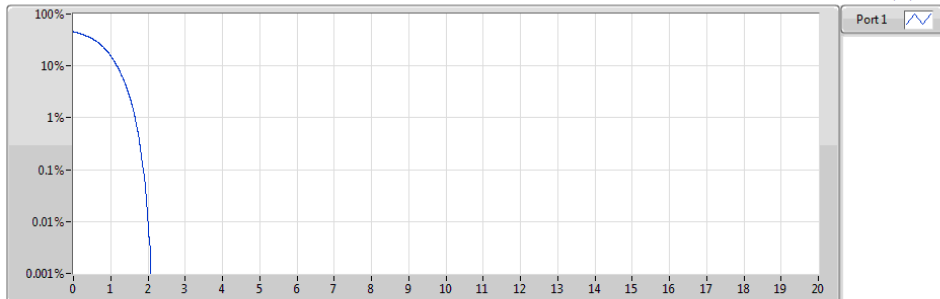
Band 12_LTE_3MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 8,#RB M

PAR



Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 15,#RB 0

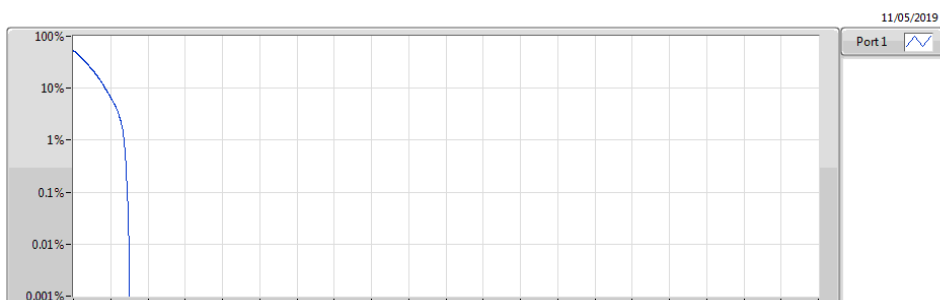
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
714.5	3M	4.68	-8.32	13.00	1

Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 1,#RB M

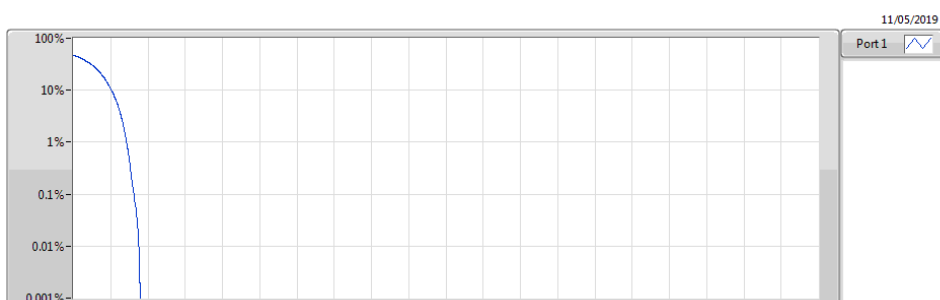
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
714.5	3M	3.61	-9.39	13.00	1

Band 12_LTE_3MHz_Nss1,QPSK_1TX
714.5MHz_QPSK_RB 8,#RB M

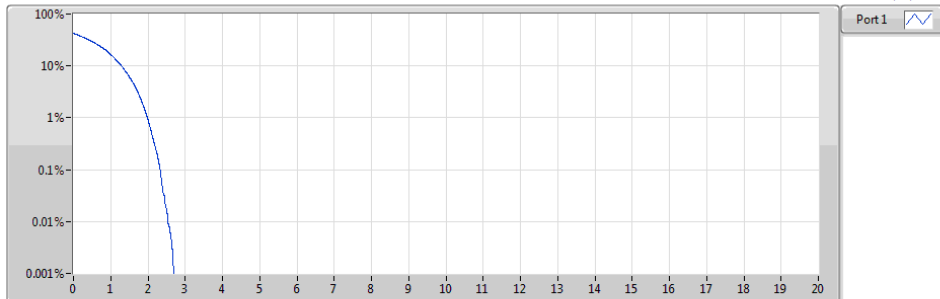
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
714.5	3M	4.06	-8.94	13.00	1

Band 12_LTE_3MHz_Nss1,16QAM_1TX
700.5MHz_16QAM_RB 15,#RB 0

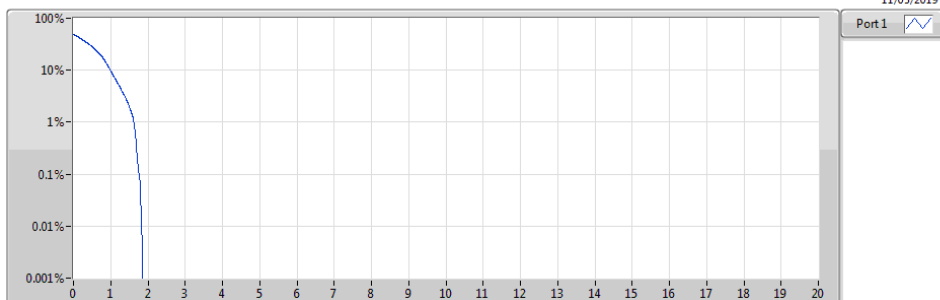
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
700.5	3M	5.82	-7.18	13.00	1

Band 12_LTE_3MHz_Nss1,16QAM_1TX
700.5MHz_16QAM_RB 1,#RB M

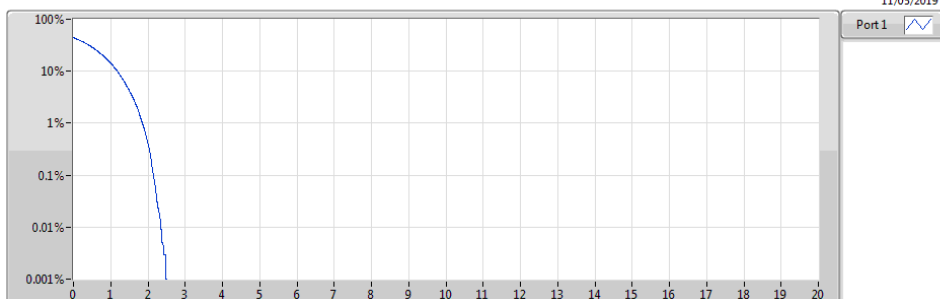
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
700.5	3M	4.40	-8.60	13.00	1

Band 12_LTE_3MHz_Nss1,16QAM_1TX
700.5MHz_16QAM_RB 8,#RB M

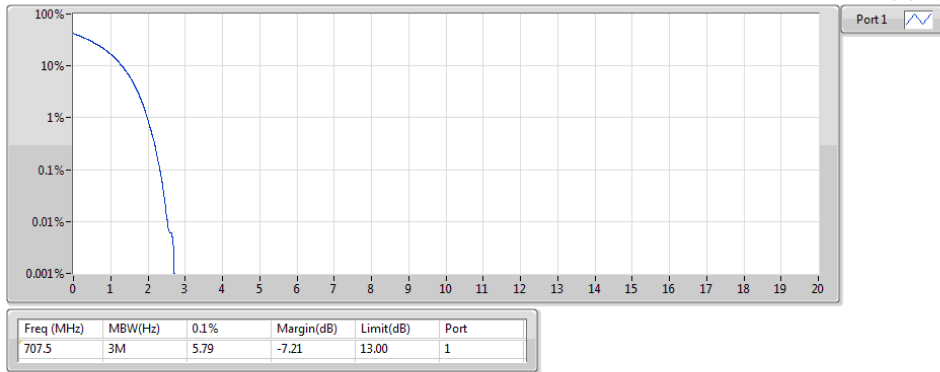
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
700.5	3M	5.36	-7.64	13.00	1

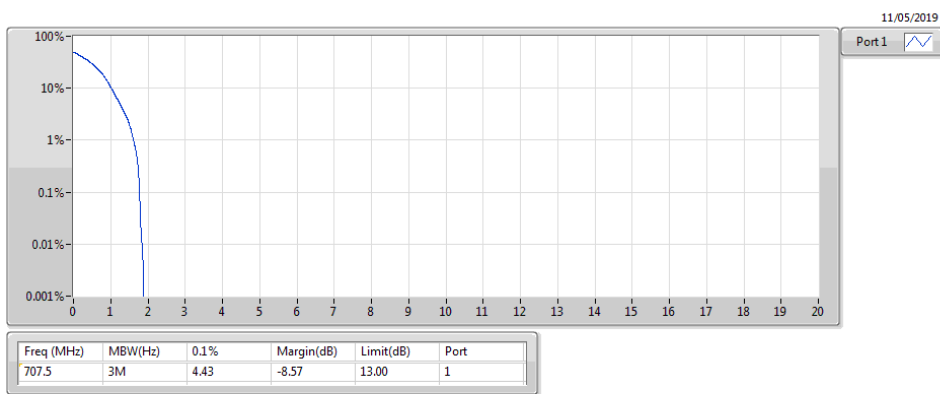
Band 12_LTE_3MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 15,#RB 0

PAR



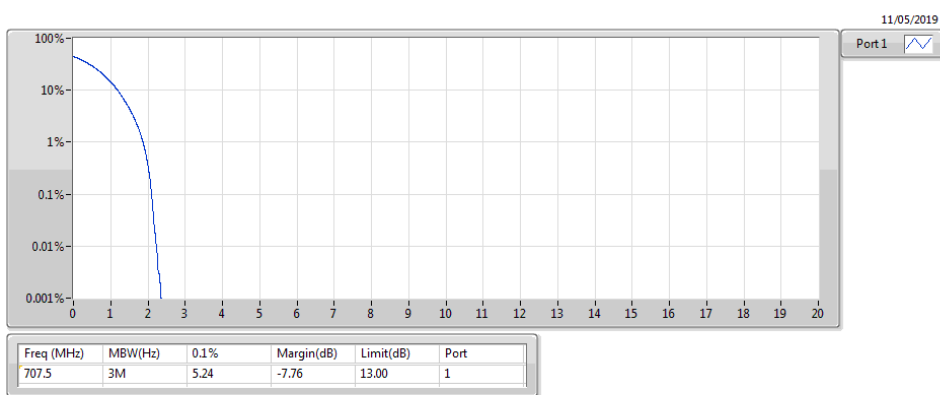
Band 12_LTE_3MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 1,#RB M

PAR



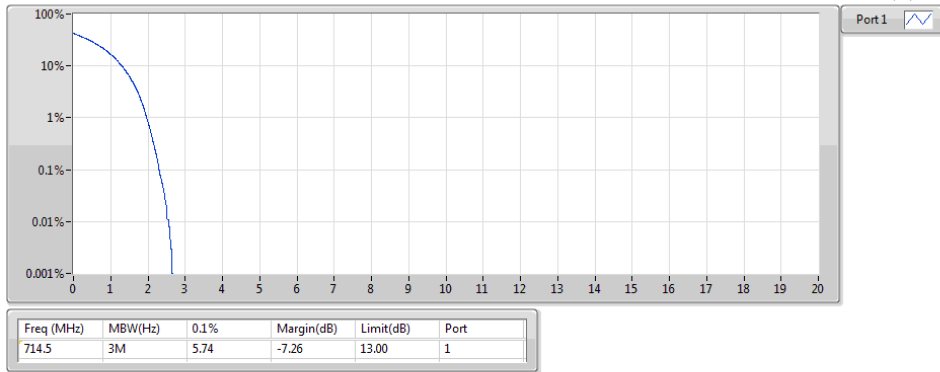
Band 12_LTE_3MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 8,#RB M

PAR



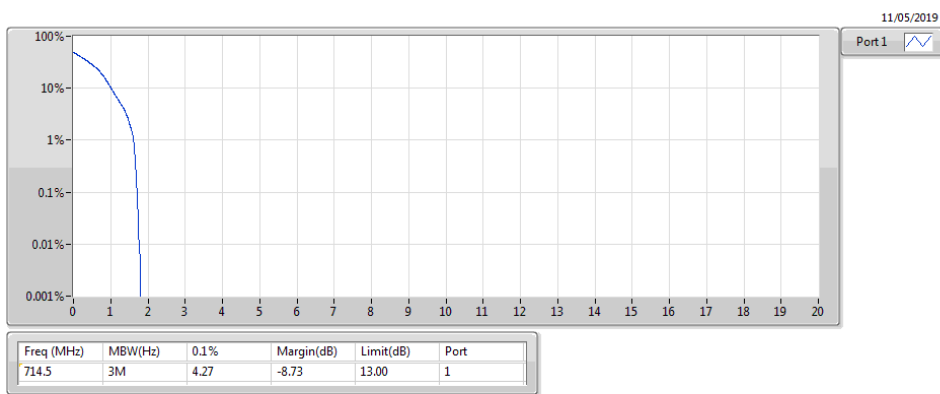
Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 15,#RB 0

PAR



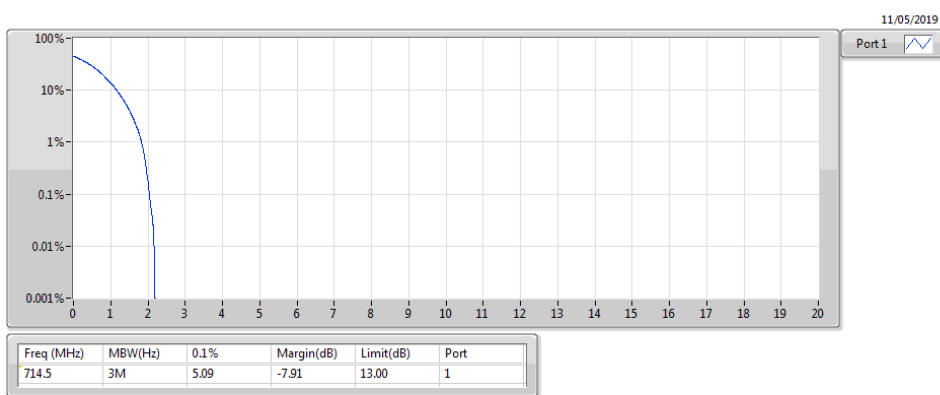
Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 1,#RB M

PAR



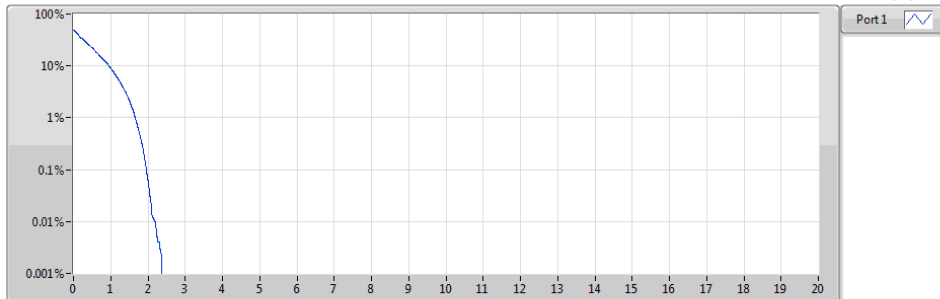
Band 12_LTE_3MHz_Nss1,16QAM_1TX
714.5MHz_16QAM_RB 8,#RB M

PAR



Band 12_LTE_5MHz_Nss1,QPSK_1TX
701.5MHz_QPSK_RB 25,#RB 0

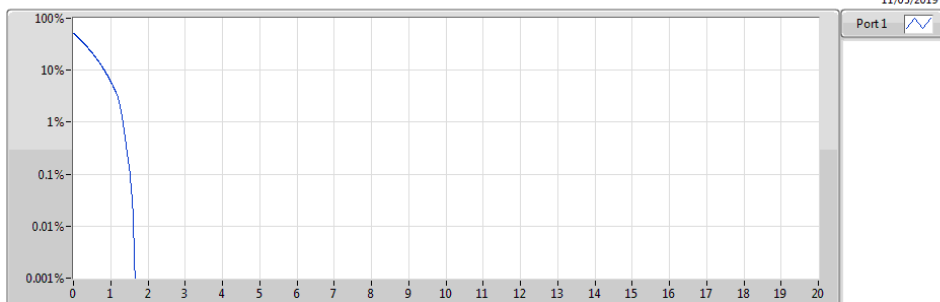
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	4.89	-8.11	13.00	1

Band 12_LTE_5MHz_Nss1,QPSK_1TX
701.5MHz_QPSK_RB 1,#RB M

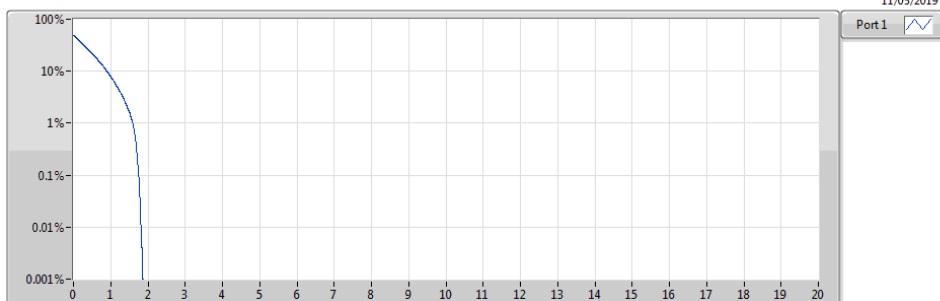
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	3.80	-9.20	13.00	1

Band 12_LTE_5MHz_Nss1,QPSK_1TX
701.5MHz_QPSK_RB 12,#RB M

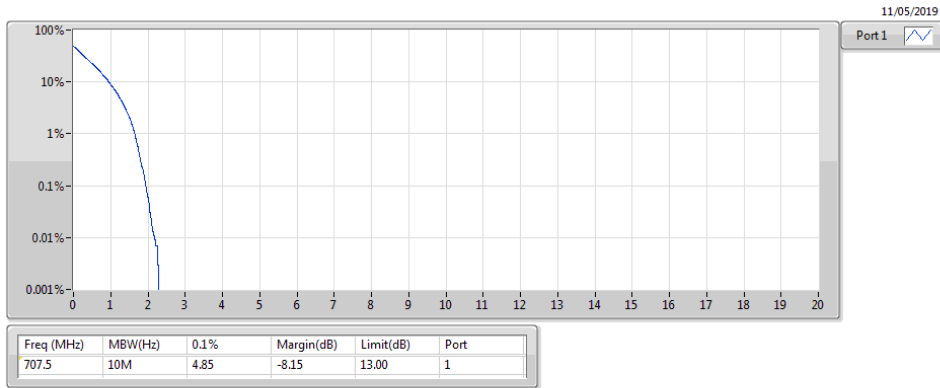
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	4.37	-8.63	13.00	1

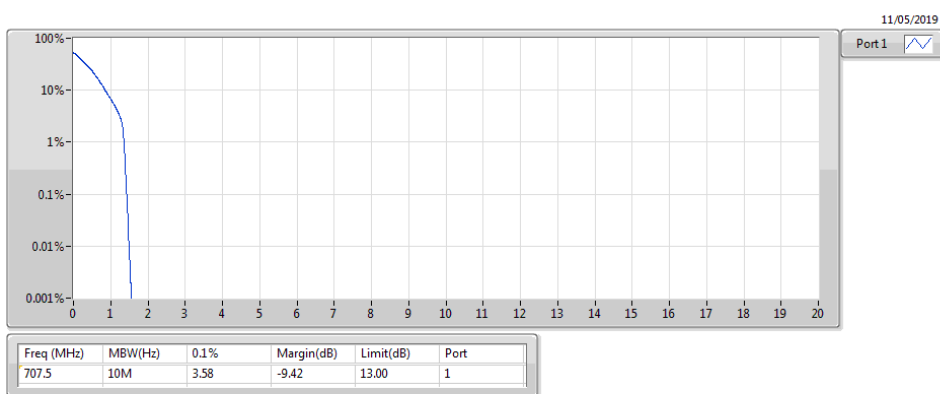
Band 12_LTE_5MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 25,#RB 0

PAR



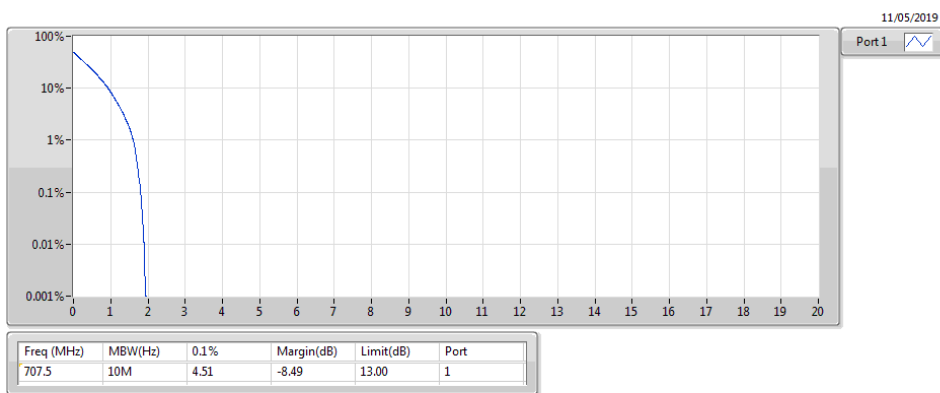
Band 12_LTE_5MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 1,#RB M

PAR



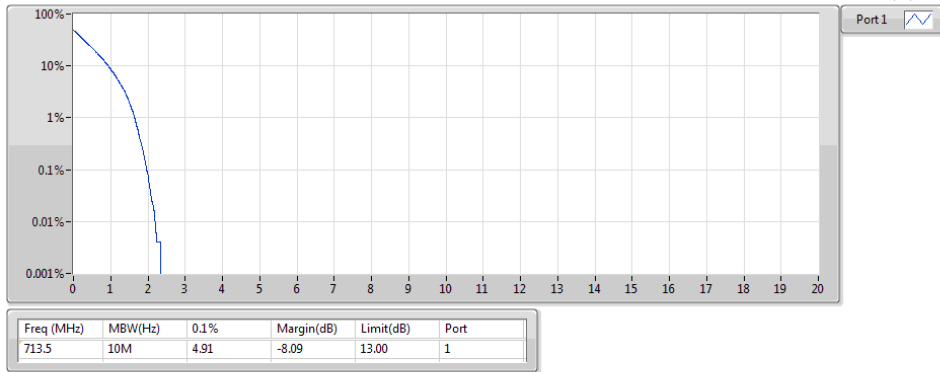
Band 12_LTE_5MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 12,#RB M

PAR



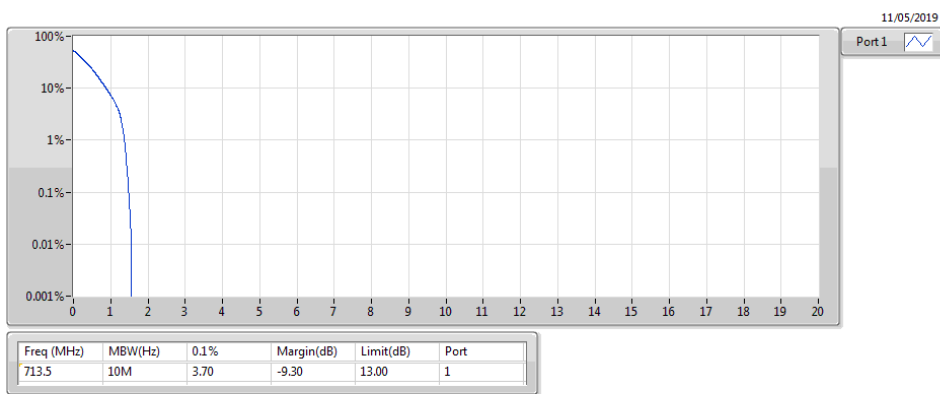
Band 12_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz_QPSK_RB 25,#RB 0

PAR



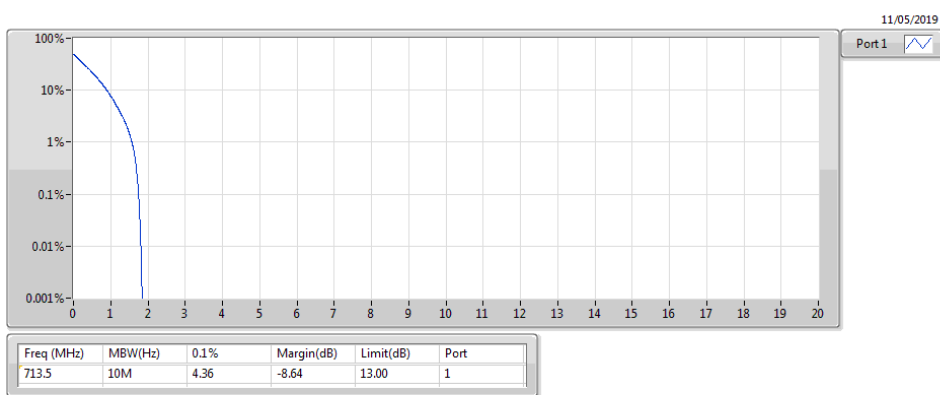
Band 12_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz_QPSK_RB 1,#RB M

PAR



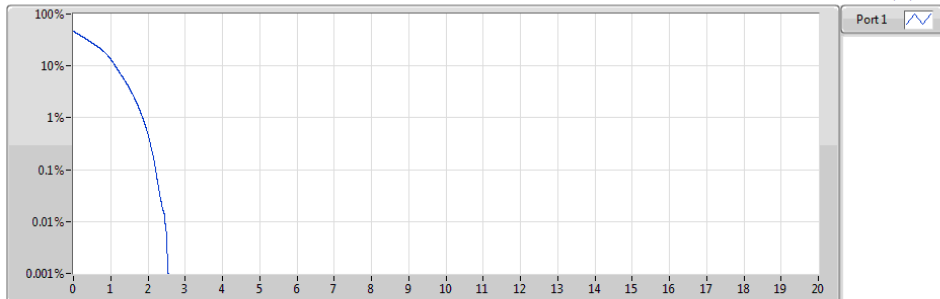
Band 12_LTE_5MHz_Nss1,QPSK_1TX
713.5MHz_QPSK_RB 12,#RB M

PAR



Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 25,#RB 0

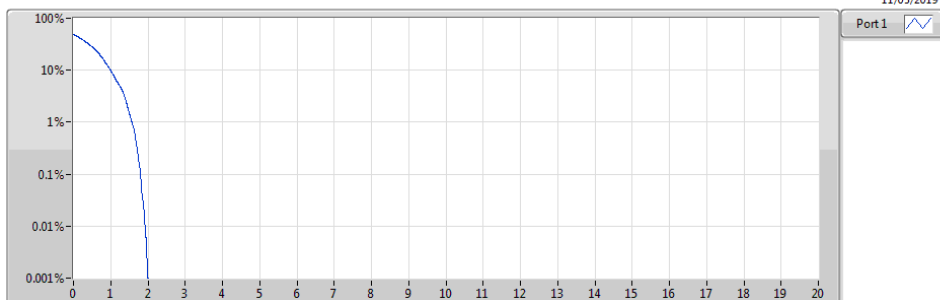
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	5.50	-7.50	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 1,#RB M

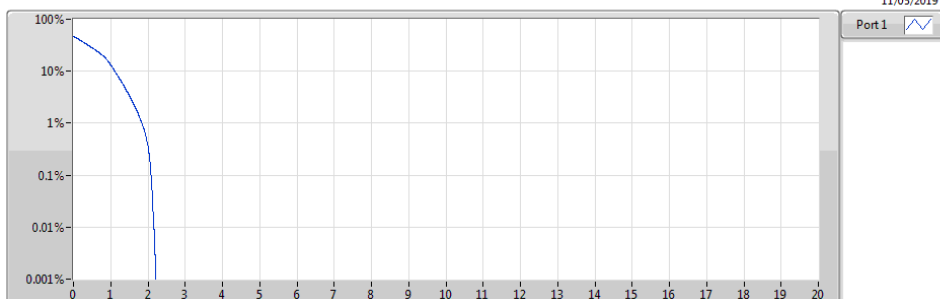
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	4.50	-8.50	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
701.5MHz_16QAM_RB 12,#RB M

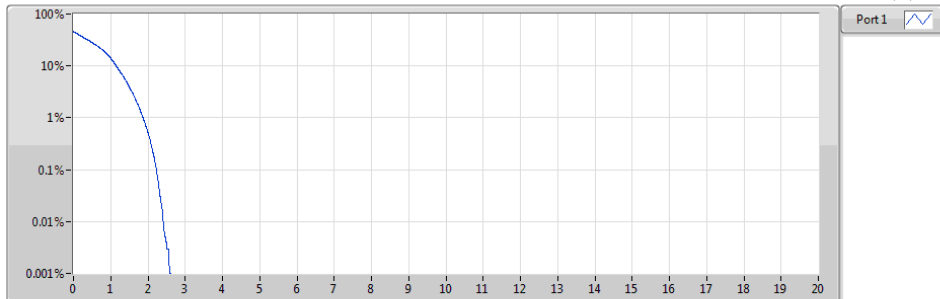
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
701.5	10M	5.21	-7.79	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 25,#RB 0

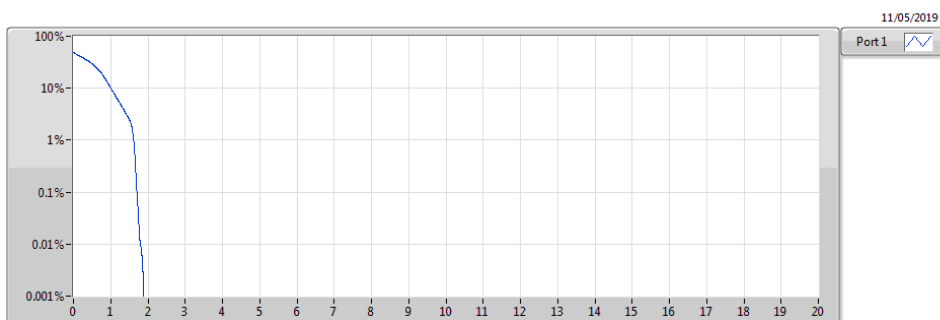
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
707.5	10M	5.57	-7.43	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 1,#RB M

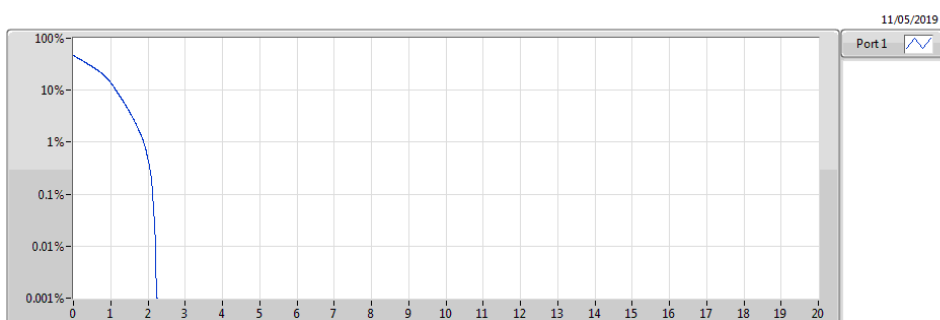
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
707.5	10M	4.26	-8.74	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 12,#RB M

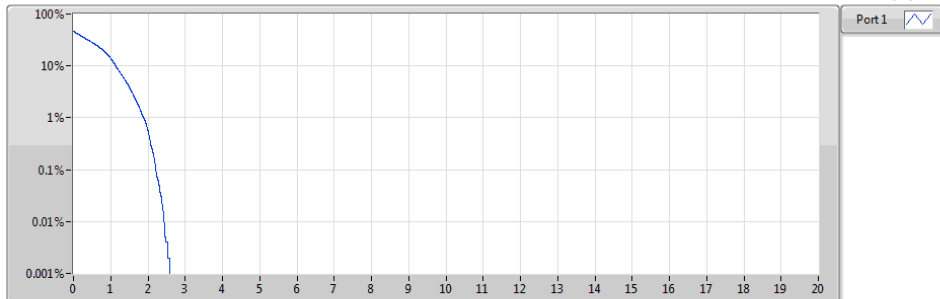
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
707.5	10M	5.32	-7.68	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 25,#RB 0

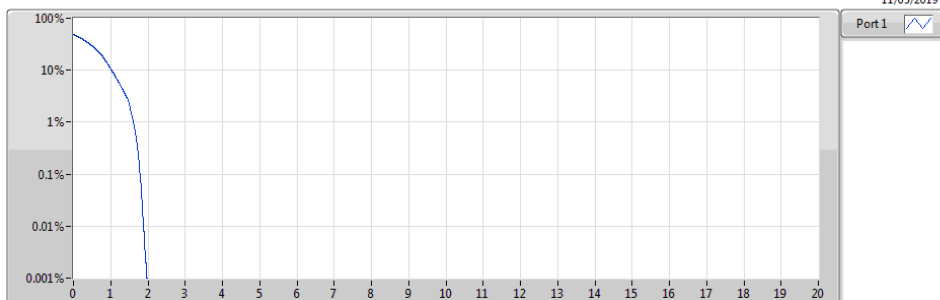
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
713.5	10M	5.53	-7.47	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 1,#RB M

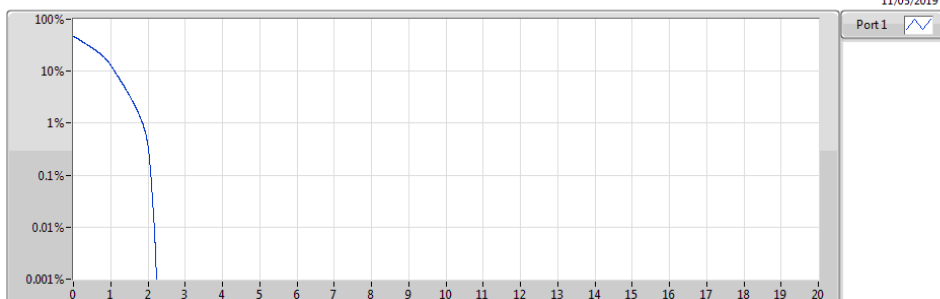
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
713.5	10M	4.47	-8.53	13.00	1

Band 12_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 12,#RB M

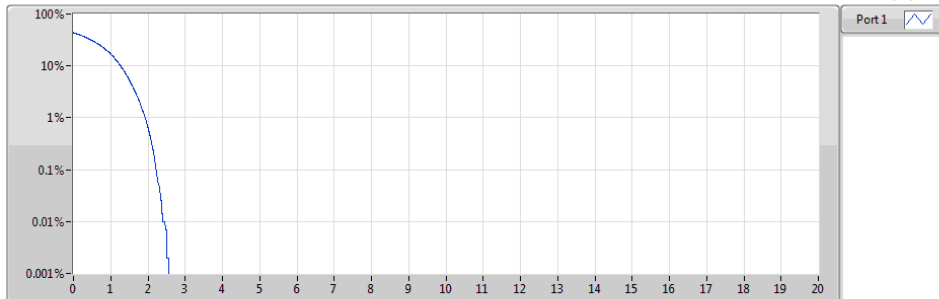
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
713.5	10M	5.20	-7.80	13.00	1

Band 12_LTE_10MHz_Nss1,QPSK_1TX
704.5MHz_QPSK_RB 50,#RB 0

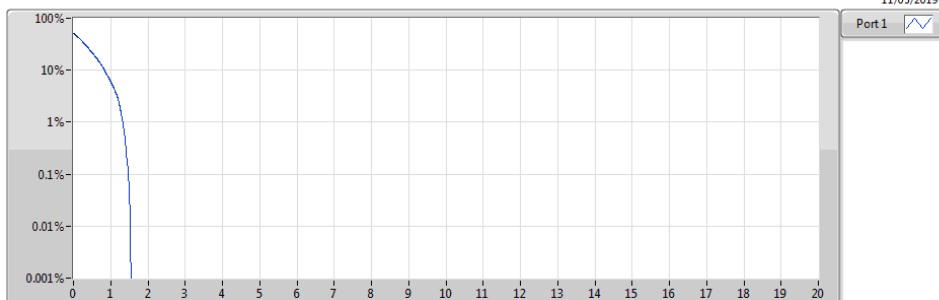
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
704.5	10M	5.55	-7.45	13.00	1

Band 12_LTE_10MHz_Nss1,QPSK_1TX
704.5MHz_QPSK_RB 1,#RB M

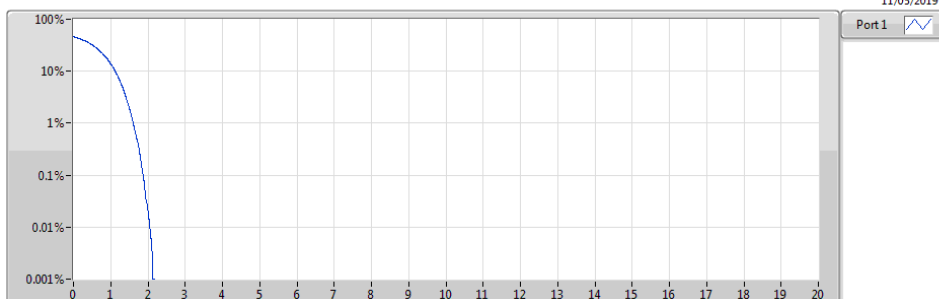
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
704.5	10M	3.68	-9.32	13.00	1

Band 12_LTE_10MHz_Nss1,QPSK_1TX
704.5MHz_QPSK_RB 25,#RB M

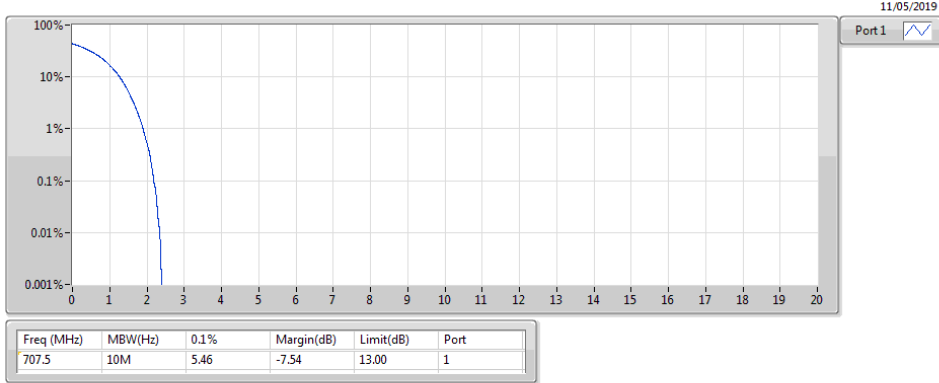
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
704.5	10M	4.67	-8.33	13.00	1

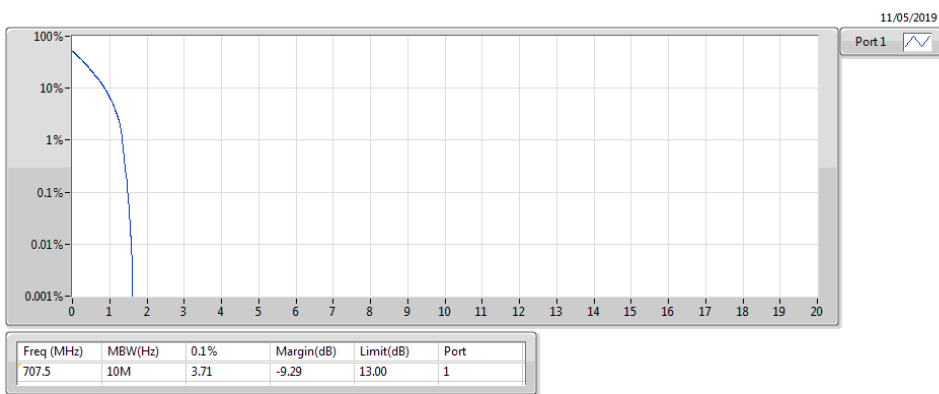
Band 12_LTE_10MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 50,#RB 0

PAR



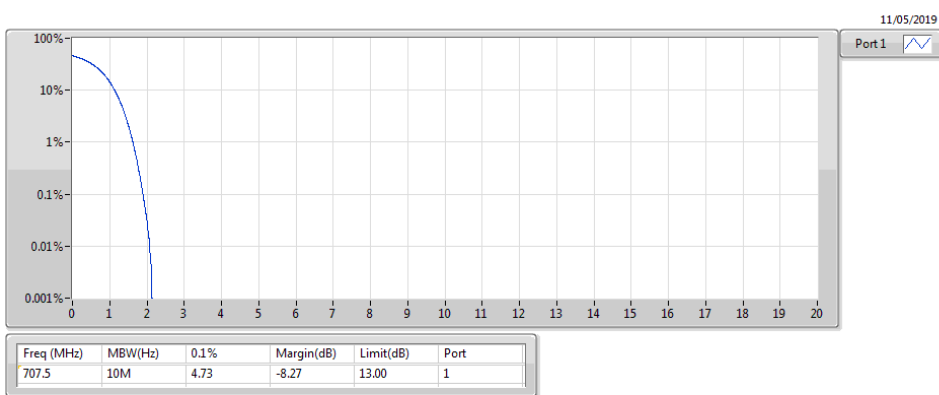
Band 12_LTE_10MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 1,#RB M

PAR



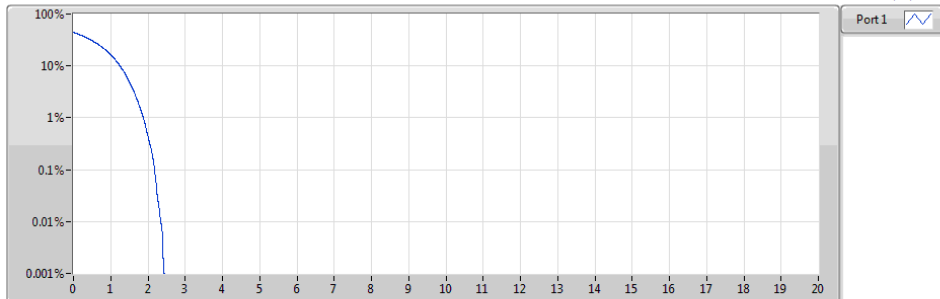
Band 12_LTE_10MHz_Nss1,QPSK_1TX
707.5MHz_QPSK_RB 25,#RB M

PAR



Band 12_LTE_10MHz_Nss1,QPSK_1TX
711MHz_QPSK_RB 50,#RB 0

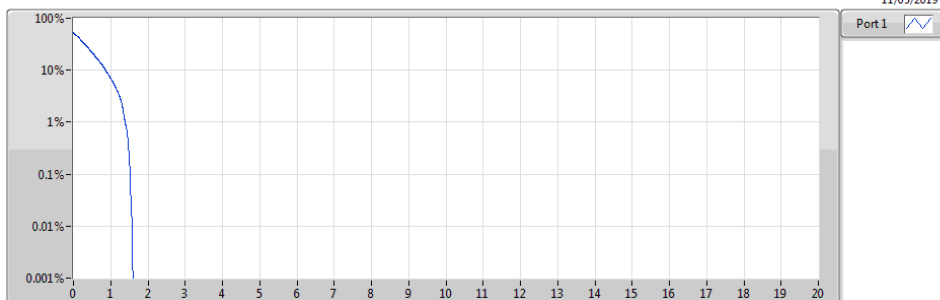
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
711	10M	5.44	-7.56	13.00	1

Band 12_LTE_10MHz_Nss1,QPSK_1TX
711MHz_QPSK_RB 1,#RB M

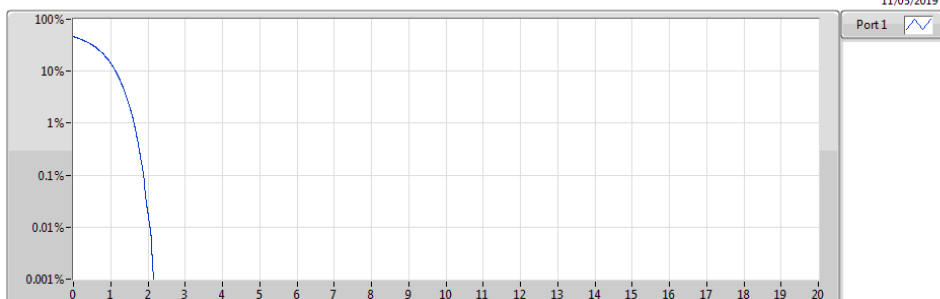
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
711	10M	3.80	-9.20	13.00	1

Band 12_LTE_10MHz_Nss1,QPSK_1TX
711MHz_QPSK_RB 25,#RB M

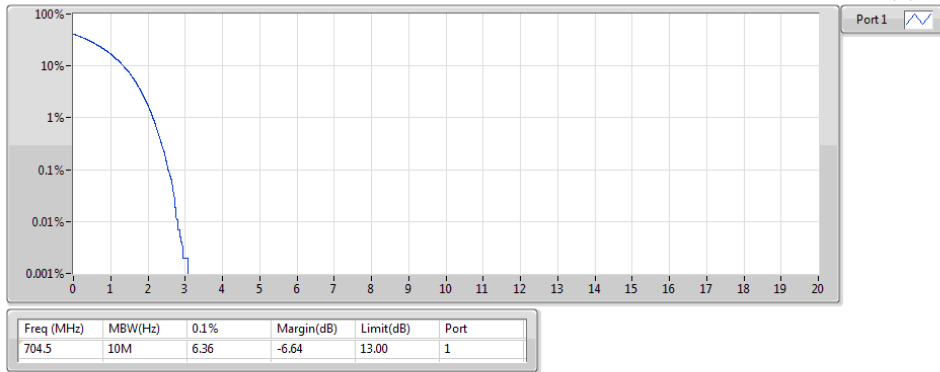
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
711	10M	4.69	-8.31	13.00	1

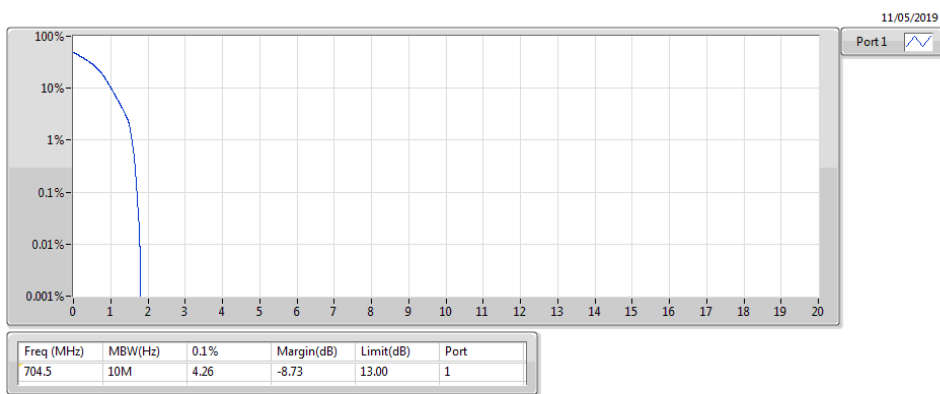
Band 12_LTE_10MHz_Nss1,16QAM_1TX
704.5MHz_16QAM_RB 50,#RB 0

PAR



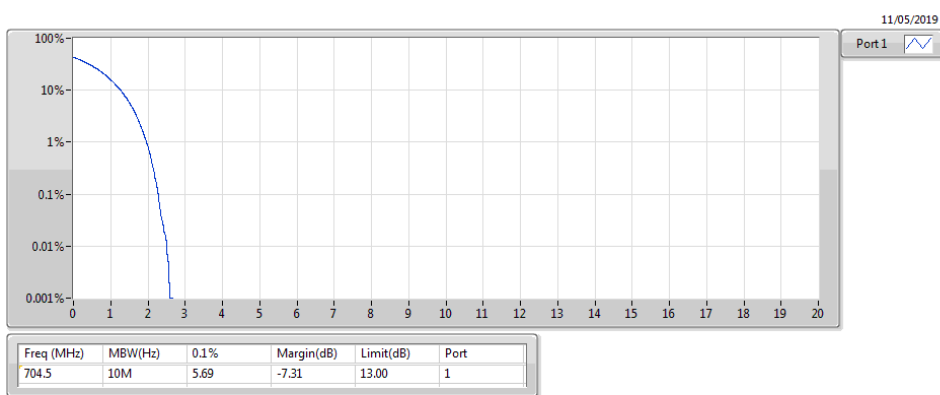
Band 12_LTE_10MHz_Nss1,16QAM_1TX
704.5MHz_16QAM_RB 1,#RB M

PAR



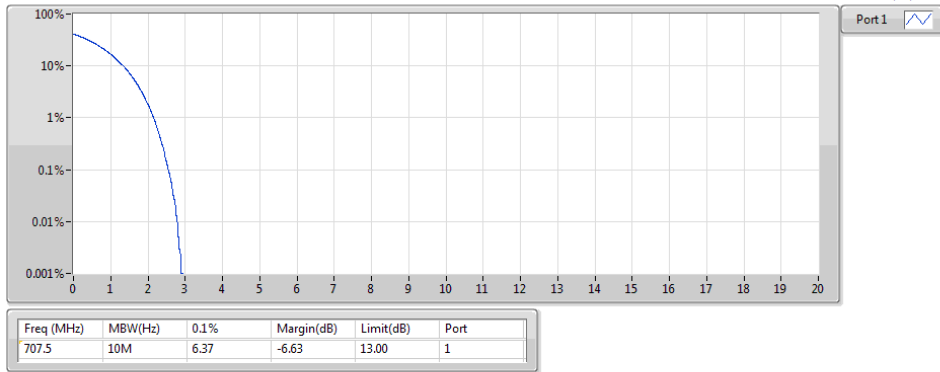
Band 12_LTE_10MHz_Nss1,16QAM_1TX
704.5MHz_16QAM_RB 25,#RB M

PAR



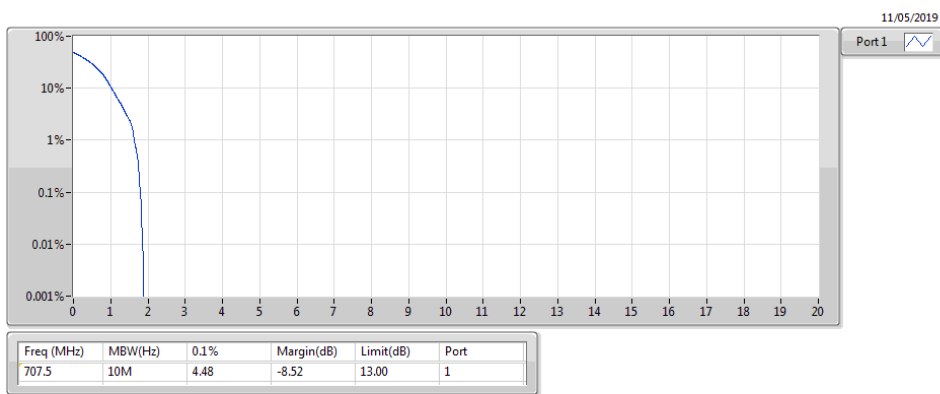
Band 12_LTE_10MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 50,#RB 0

PAR



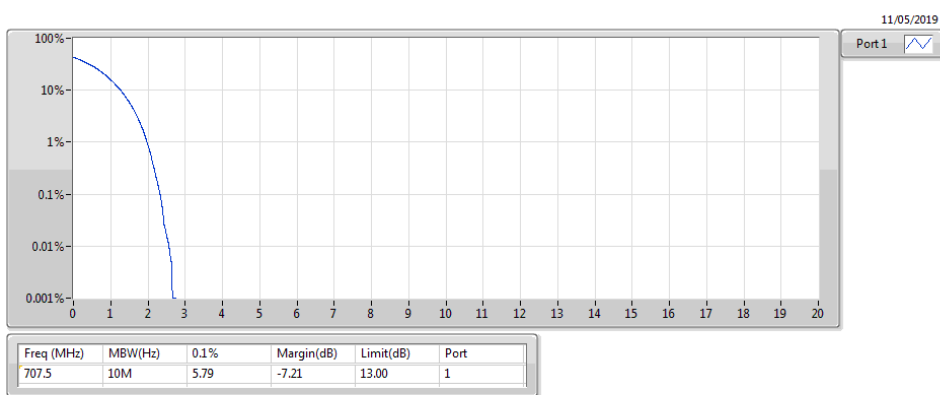
Band 12_LTE_10MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 1,#RB M

PAR



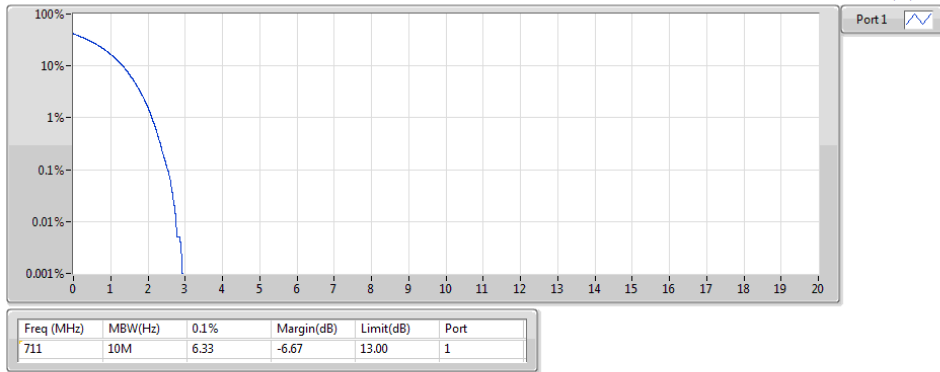
Band 12_LTE_10MHz_Nss1,16QAM_1TX
707.5MHz_16QAM_RB 25,#RB M

PAR



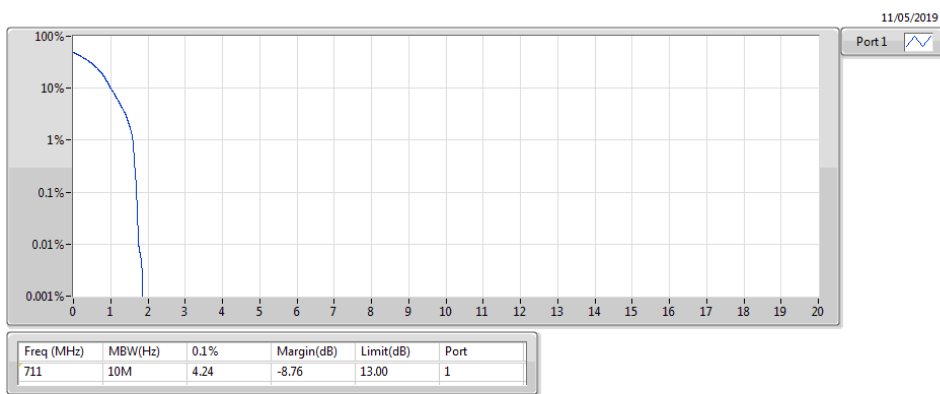
Band 12_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 50,#RB 0

PAR



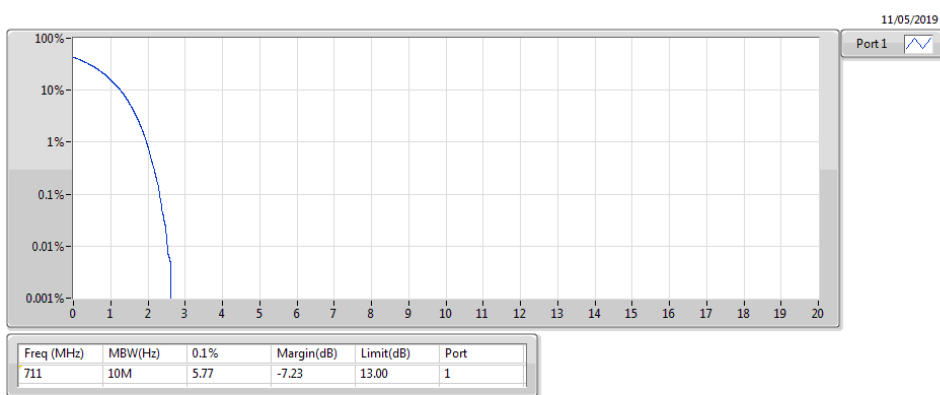
Band 12_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 1,#RB M

PAR



Band 12_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 25,#RB M

PAR





<Mode 8> EUT 2 + LTE Band 13 Link

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 13	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	782	13.00	5.33	1
LTE_5MHz_Nss1,16QAM_1TX	Pass	782	13.00	5.88	1
LTE_10MHz_Nss1,QPSK_1TX	Pass	782	13.00	5.16	1
LTE_10MHz_Nss1,16QAM_1TX	Pass	782	13.00	6.28	1

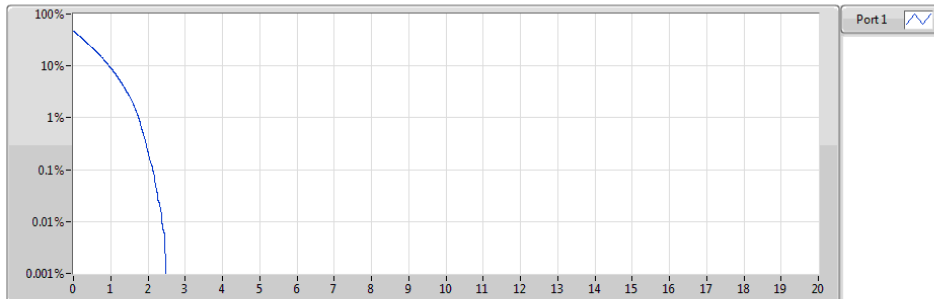


Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 13_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-
782MHz_RB 25,#RB 0	Pass	782	13.00	5.33	1
782MHz_RB 1,#RB M	Pass	782	13.00	4.27	1
782MHz_RB 12,#RB M	Pass	782	13.00	4.69	1
Band 13_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-
782MHz_RB 25,#RB 0	Pass	782	13.00	5.88	1
782MHz_RB 1,#RB M	Pass	782	13.00	5.09	1
782MHz_RB 12,#RB M	Pass	782	13.00	5.63	1
Band 13_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	782	13.00	5.16	1
782MHz_RB 1,#RB M	Pass	782	13.00	4.19	1
782MHz_RB 25,#RB M	Pass	782	13.00	4.73	1
Band 13_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	782	13.00	6.28	1
782MHz_RB 1,#RB M	Pass	782	13.00	4.92	1
782MHz_RB 25,#RB M	Pass	782	13.00	5.88	1

Band 13_LTE_5MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 25,#RB 0

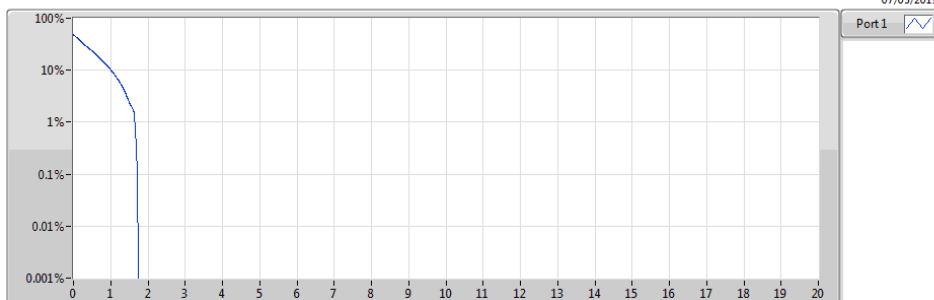
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	5.33	-7.67	13.00	1

Band 13_LTE_5MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 1,#RB M

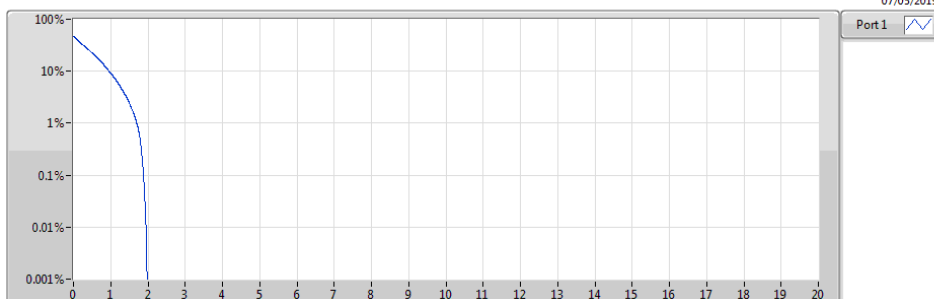
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	4.27	-8.73	13.00	1

Band 13_LTE_5MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 12,#RB M

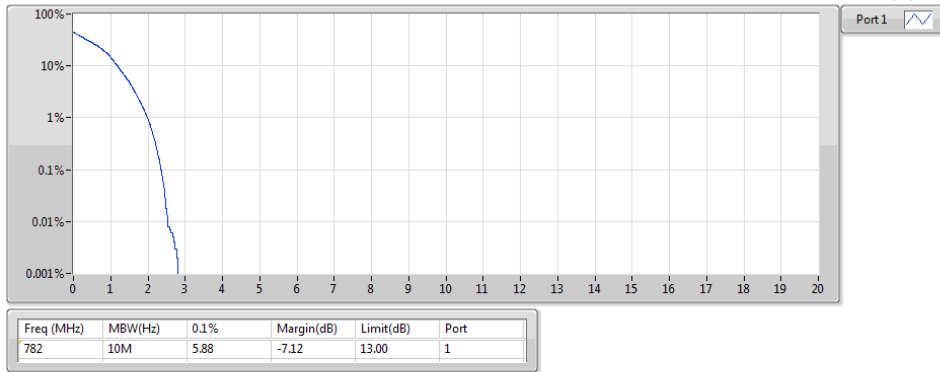
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	4.69	-8.31	13.00	1

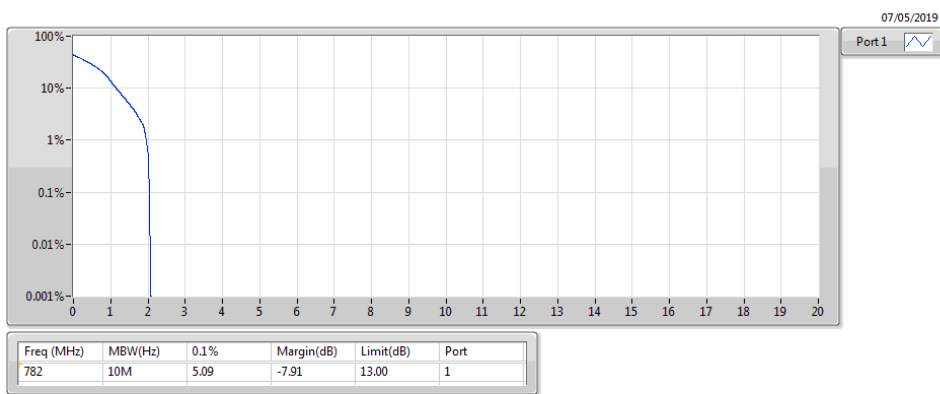
Band 13_LTE_5MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 25,#RB 0

PAR



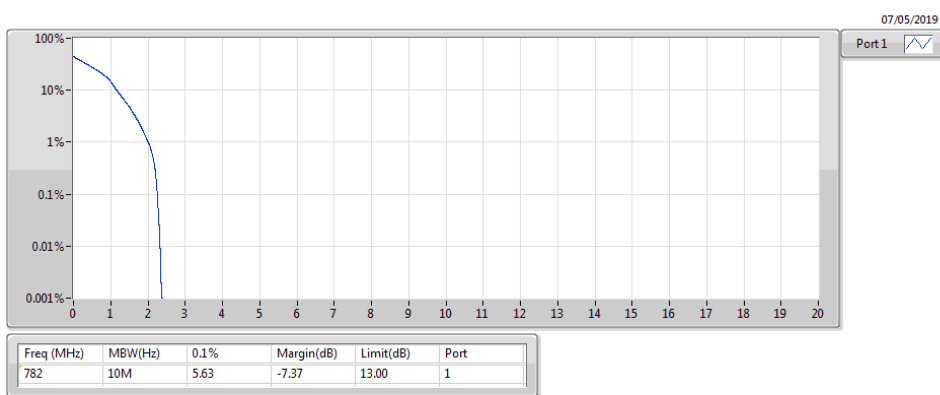
Band 13_LTE_5MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 1,#RB M

PAR



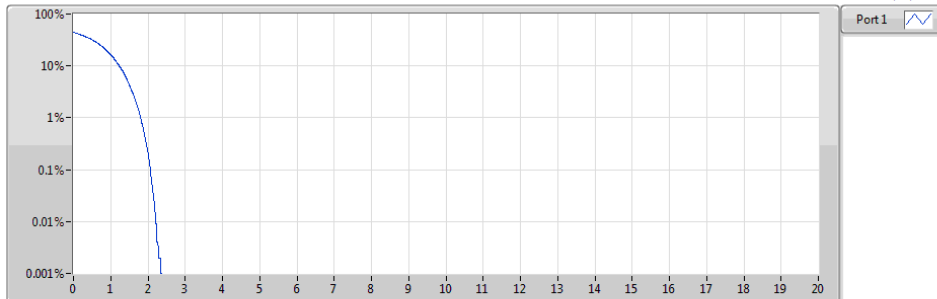
Band 13_LTE_5MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 12,#RB M

PAR



Band 13_LTE_10MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 50,#RB 0

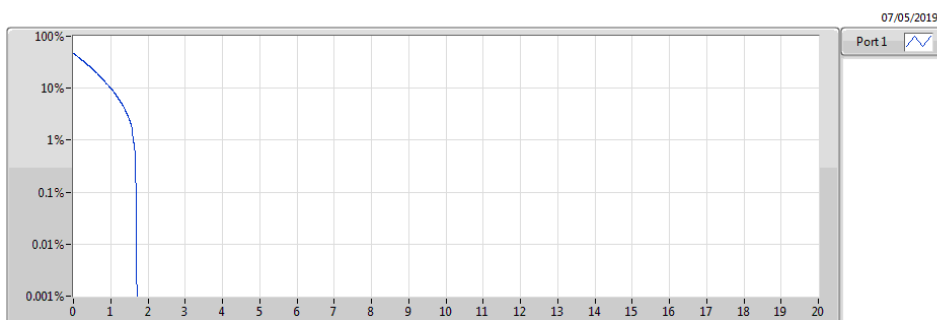
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	5.16	-7.84	13.00	1

Band 13_LTE_10MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 1,#RB M

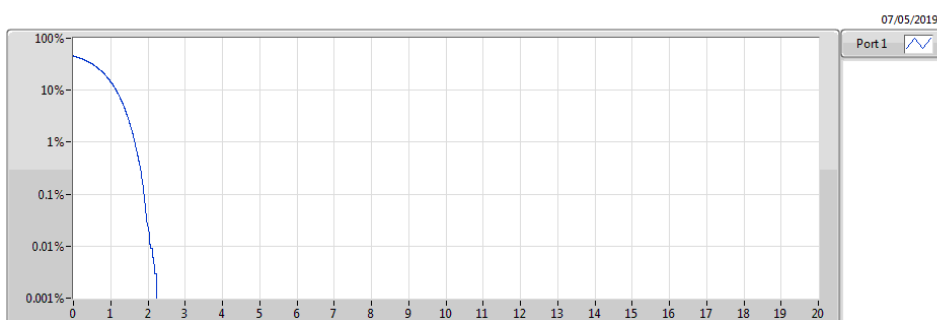
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	4.19	-8.81	13.00	1

Band 13_LTE_10MHz_Nss1,QPSK_1TX
782MHz_QPSK_RB 25,#RB M

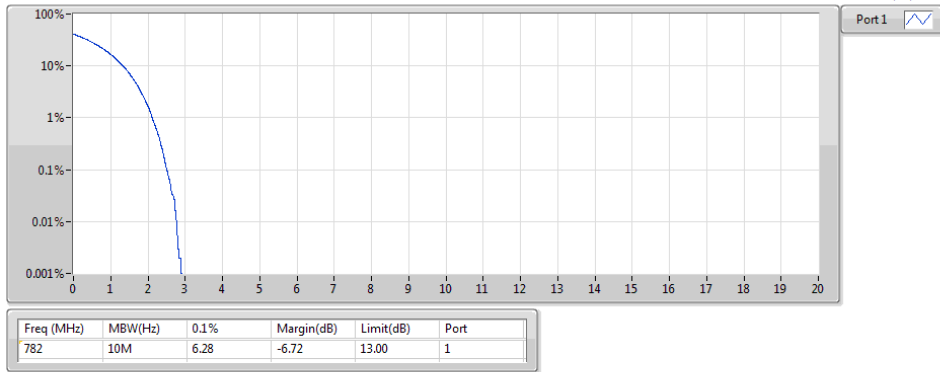
PAR



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
782	10M	4.73	-8.27	13.00	1

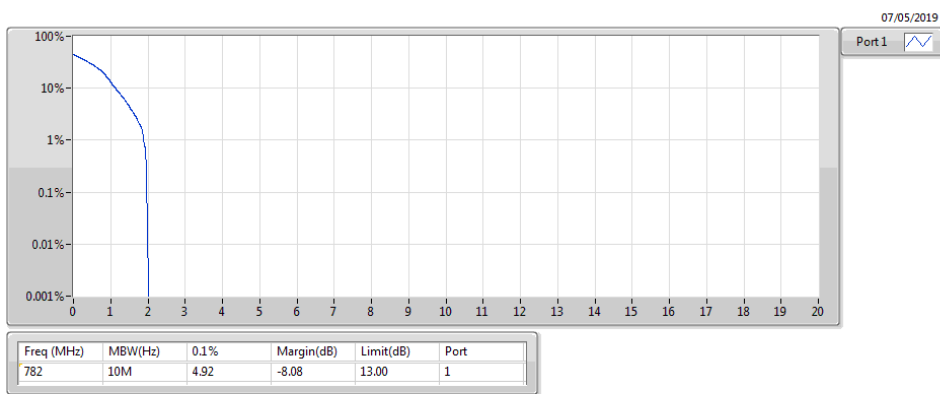
Band 13_LTE_10MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 50,#RB 0

PAR



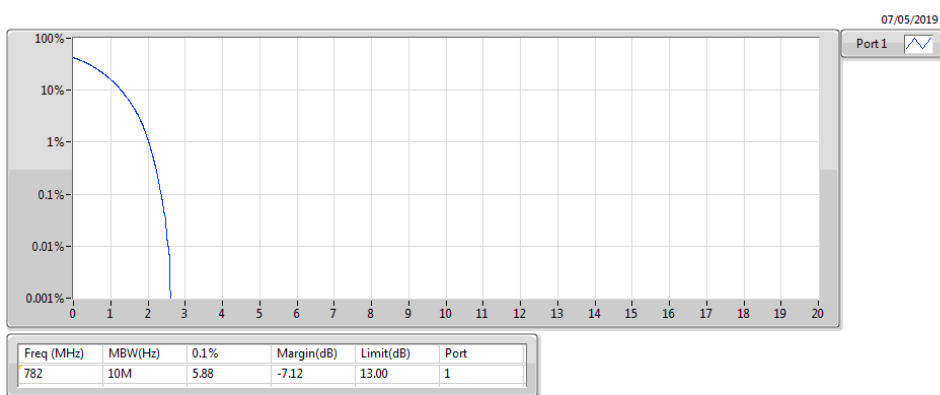
Band 13_LTE_10MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 1,#RB M

PAR



Band 13_LTE_10MHz_Nss1,16QAM_1TX
782MHz_16QAM_RB 25,#RB M

PAR





<Mode 1> EUT 2 + WCDMA Band 2 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	4.725M	4.169M	4M17F9W	4.713M	4.156M

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



Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-
1852.4MHz	Pass	Inf	4.725M	4.156M
1880MHz	Pass	Inf	4.713M	4.156M
1907.6MHz	Pass	Inf	4.719M	4.169M

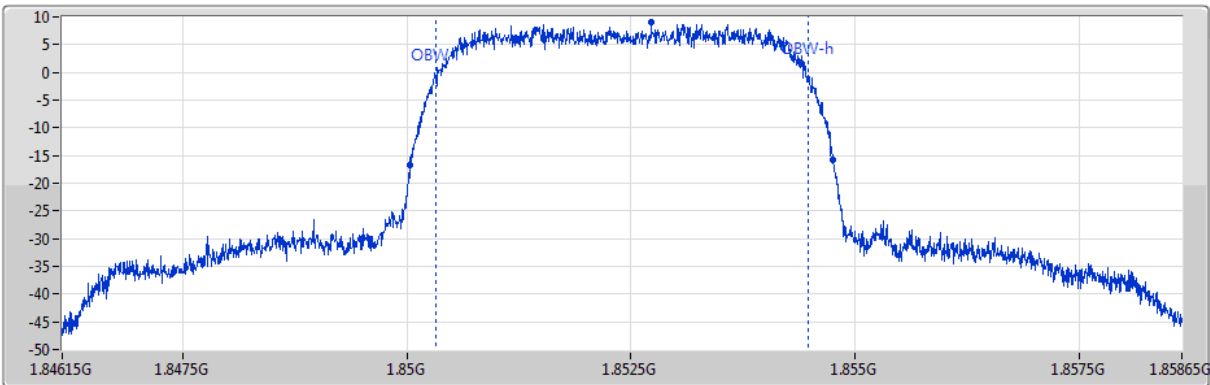
Port X-N dB = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

EBW

02/07/2019

Port1 



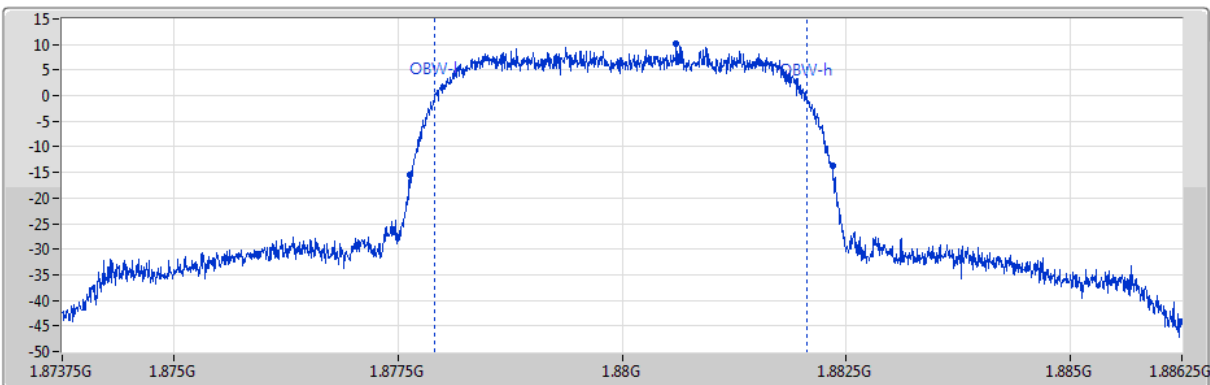
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.725M	1.850031G	1.854756G	4.156M	1.850325G	1.854481G	1	1.8524G	12.5M	100k	300k

Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

EBW

02/07/2019

Port1 




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)
4.713M	1.877638G	1.88235G	4.156M	1.877913G	1.882069G	1	1.88G	12.5M	100k	300k

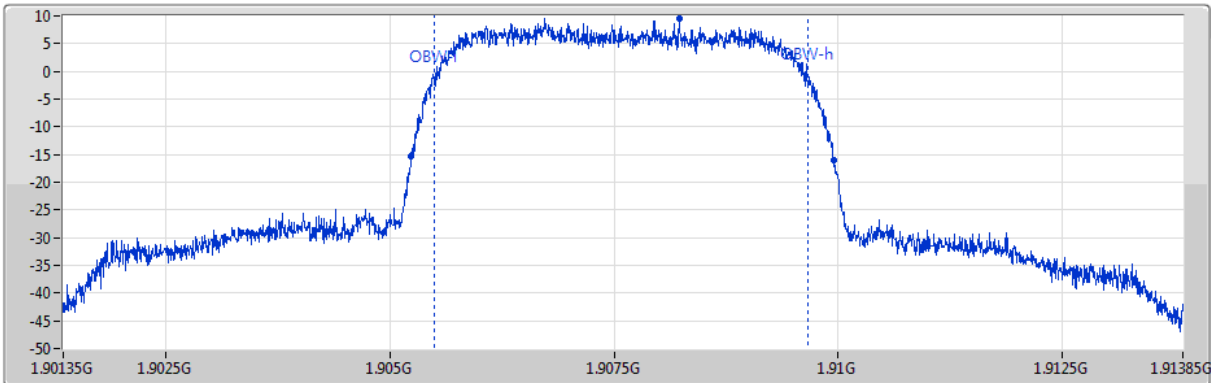
Band 2_WCDMA_5MHz_Nss1_1TX

EBW

1907.6MHz

02/07/2019

Port 1 



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)
4.719M	1.905238G	1.909956G	4.169M	1.905494G	1.909663G	1	1.9076G	12.5M	100k	300k



<Mode 2> EUT 2 + WCDMA Band 4 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 4	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	4.756M	4.163M	4M16F9W	4.706M	4.138M

Max-N dB = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;

Min-N dB = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 4_WCDMA_5MHz_Nss1_1TX	-	-	-	-
1712.4MHz	Pass	Inf	4.756M	4.163M
1732.6MHz	Pass	Inf	4.719M	4.156M
1752.6MHz	Pass	Inf	4.706M	4.138M

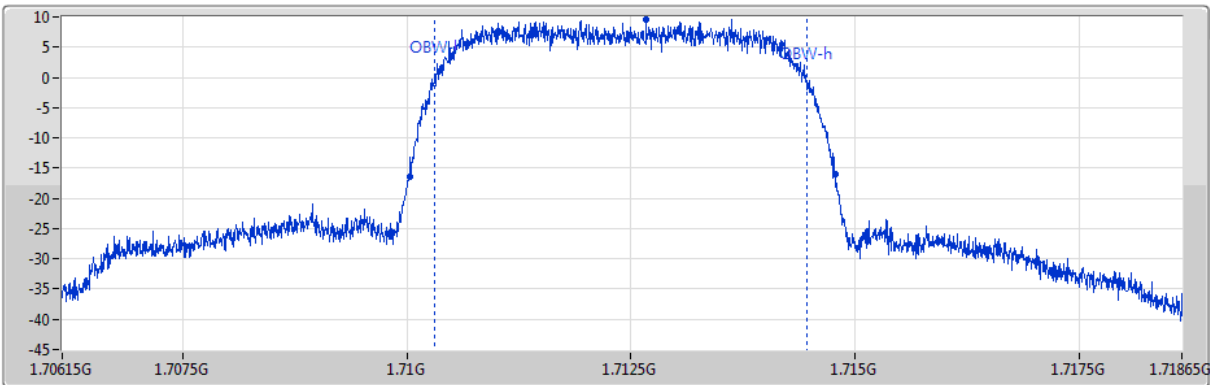
Port X-N dB = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

Band 4_WCDMA_5MHz_Nss1_1TX
1712.4MHz

EBW

02/07/2019

Port1 



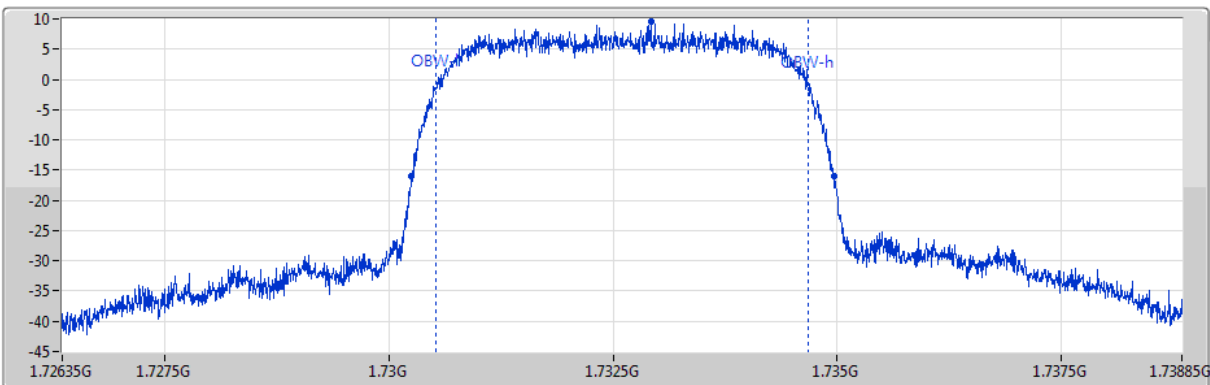
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.756M	1.710025G	1.714781G	4.163M	1.710306G	1.714469G	1	1.7124G	12.5M	100k	300k

Band 4_WCDMA_5MHz_Nss1_1TX
1732.6MHz

EBW

02/07/2019

Port1 




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)
4.719M	1.73025G	1.734969G	4.156M	1.730525G	1.734681G	1	1.7326G	12.5M	100k	300k

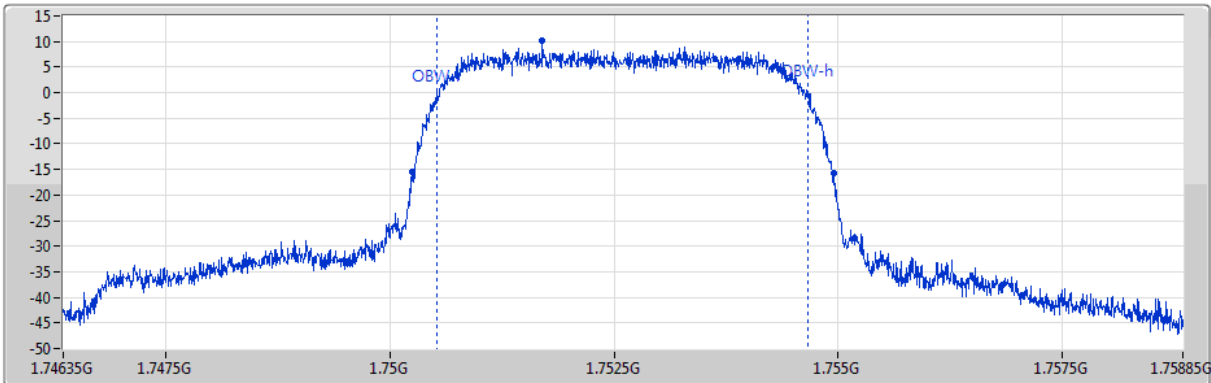
Band 4_WCDMA_5MHz_Nss1_1TX

EBW

1752.6MHz

02/07/2019

Port 1 



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)
4.706M	1.750244G	1.75495G	4.138M	1.750525G	1.754663G	1	1.7526G	12.5M	100k	300k



<Mode 3> EUT 2 + WCDMA Band 5 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 5	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	4.706M	4.144M	4M14F9W	4.669M	4.144M

Max-N dB = Maximum26dB downbandwidth;Max-OBW = Maximum99% occupied bandwidth;

Min-N dB = Minimum26dB downbandwidth;Min-OBW = Minimum99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 5_WCDMA_5MHz_Nss1_1TX	-	-	-	-
826.4MHz	Pass	Inf	4.706M	4.144M
836.6MHz	Pass	Inf	4.669M	4.144M
846.6MHz	Pass	Inf	4.694M	4.144M

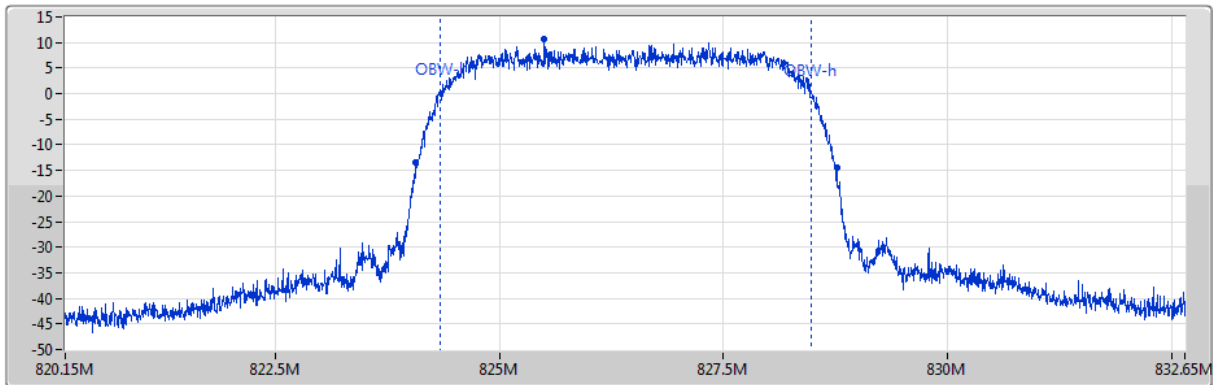
Port X-N dB = Port X26dB downbandwidth; **Port X-OBW** = Port X99% occupied bandwidth;

Band 5_WCDMA_5MHz_Nss1_1TX
826.4MHz

EBW

02/07/2019

Port1 



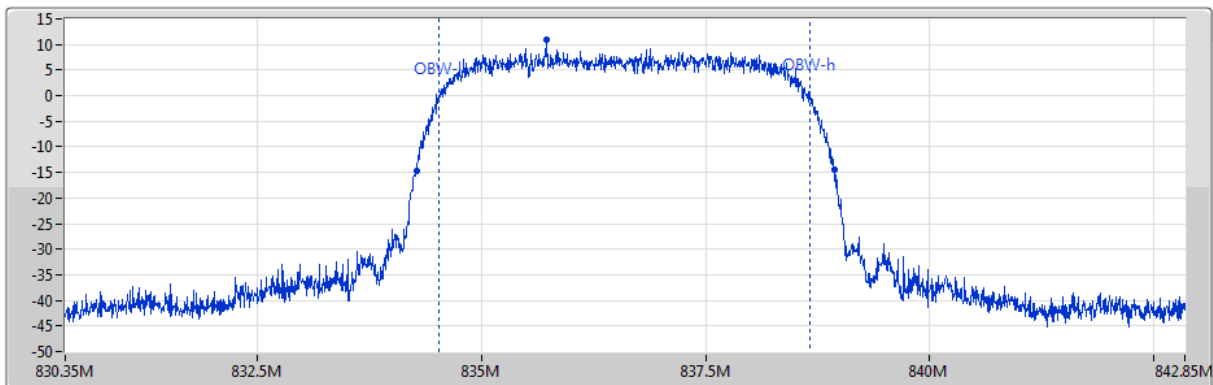
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
4.706M	824.0625M	828.76875M	4.144M	824.3375M	828.48125M	1	826.4M	12.5M	100k	300k

Band 5_WCDMA_5MHz_Nss1_1TX
836.6MHz

EBW

02/07/2019

Port1 




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)
4.669M	834.26875M	838.9375M	4.144M	834.525M	838.66875M	1	836.6M	12.5M	100k	300k

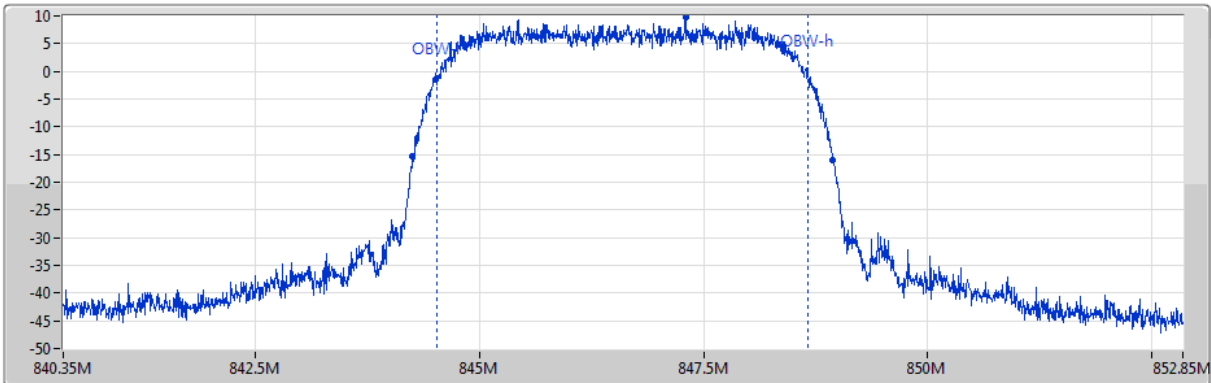
Band 5_WCDMA_5MHz_Nss1_1TX

EBW

846.6MHz

02/07/2019

Port 1 



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)
4.694M	844.25M	848.94375M	4.144M	844.525M	848.66875M	1	846.6M	12.5M	100k	300k



<Mode 4> EUT 2 + LTE Band 2 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 2	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.22M	1.082M	1M08G7D	1.204M	1.079M
LTE_1.4MHz_Nss1,16QAM_1TX	1.213M	1.082M	1M08W7D	1.201M	1.08M
LTE_3MHz_Nss1,QPSK_1TX	2.963M	2.679M	2M68G7D	2.925M	2.677M
LTE_3MHz_Nss1,16QAM_1TX	2.936M	2.68M	2M68W7D	2.91M	2.676M
LTE_5MHz_Nss1,QPSK_1TX	4.913M	4.468M	4M47G7D	4.869M	4.46M
LTE_5MHz_Nss1,16QAM_1TX	4.869M	4.462M	4M46W7D	4.819M	4.459M
LTE_10MHz_Nss1,QPSK_1TX	9.575M	8.924M	8M92G7D	9.525M	8.912M
LTE_10MHz_Nss1,16QAM_1TX	9.588M	8.906M	8M91W7D	9.513M	8.892M
LTE_15MHz_Nss1,QPSK_1TX	14.531M	13.423M	13M4G7D	14.325M	13.369M
LTE_15MHz_Nss1,16QAM_1TX	14.494M	13.416M	13M4W7D	14.438M	13.367M
LTE_20MHz_Nss1,QPSK_1TX	19.125M	17.863M	17M9G7D	18.975M	17.789M
LTE_20MHz_Nss1,16QAM_1TX	19.125M	17.861M	17M9W7D	18.925M	17.792M

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;



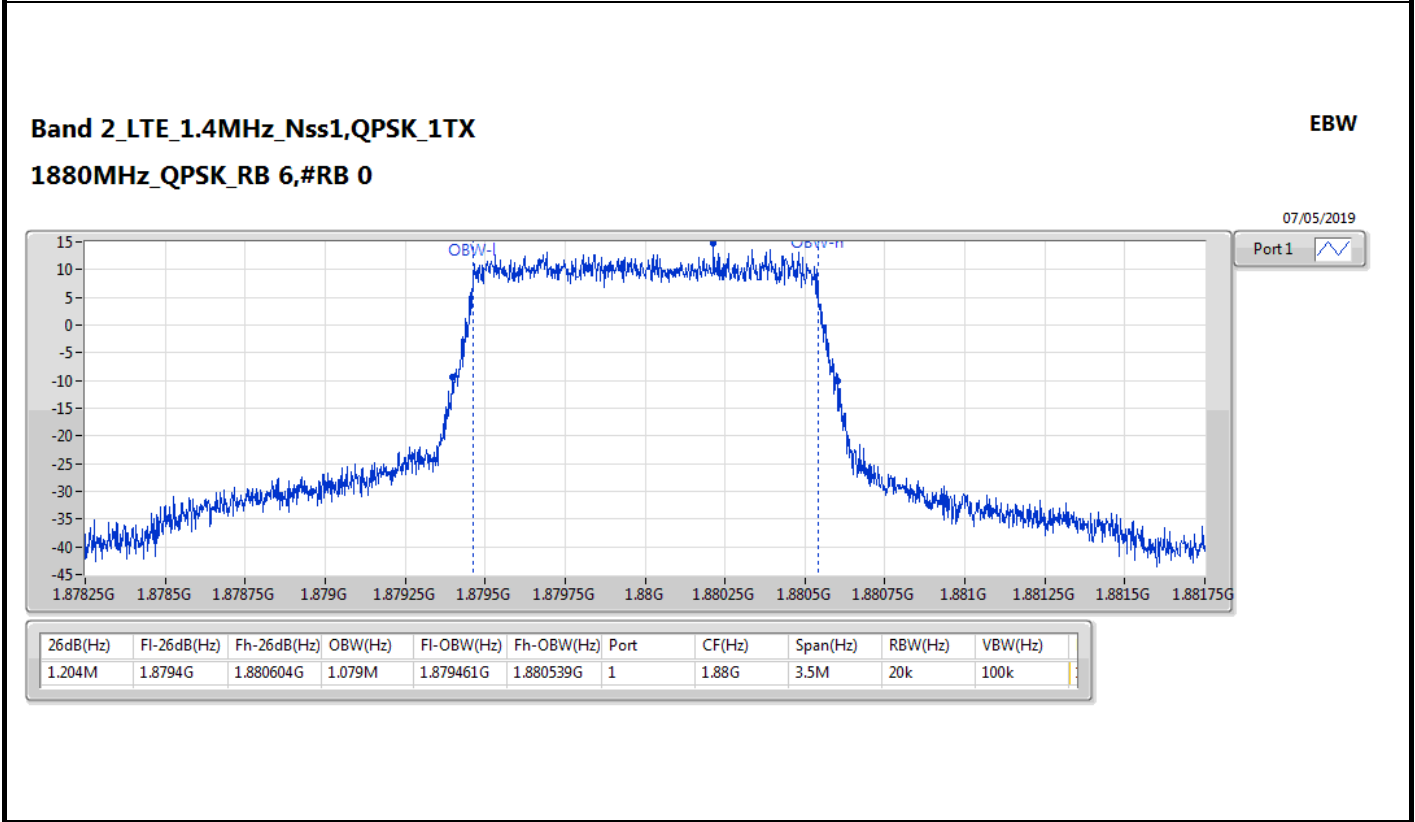
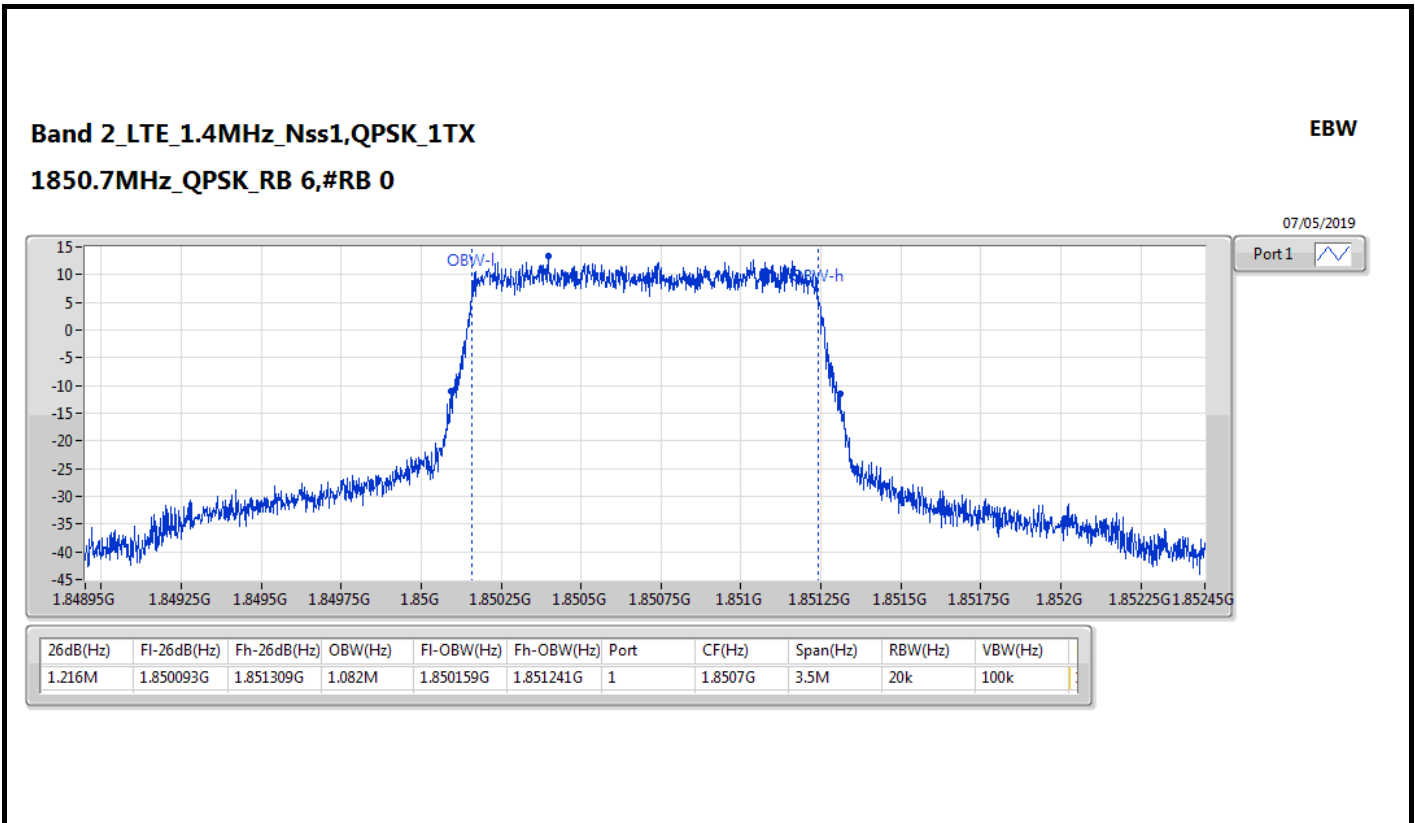
Result

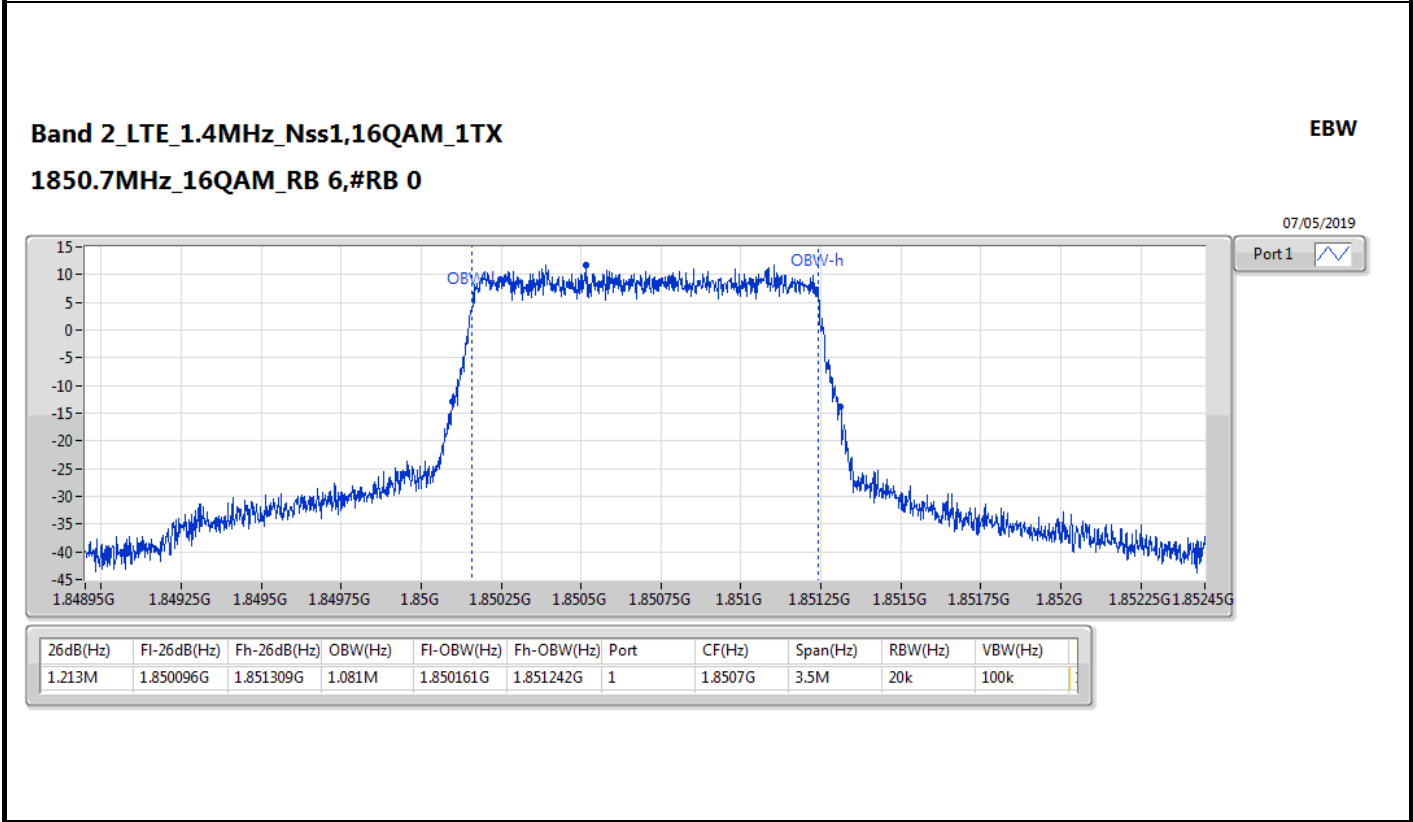
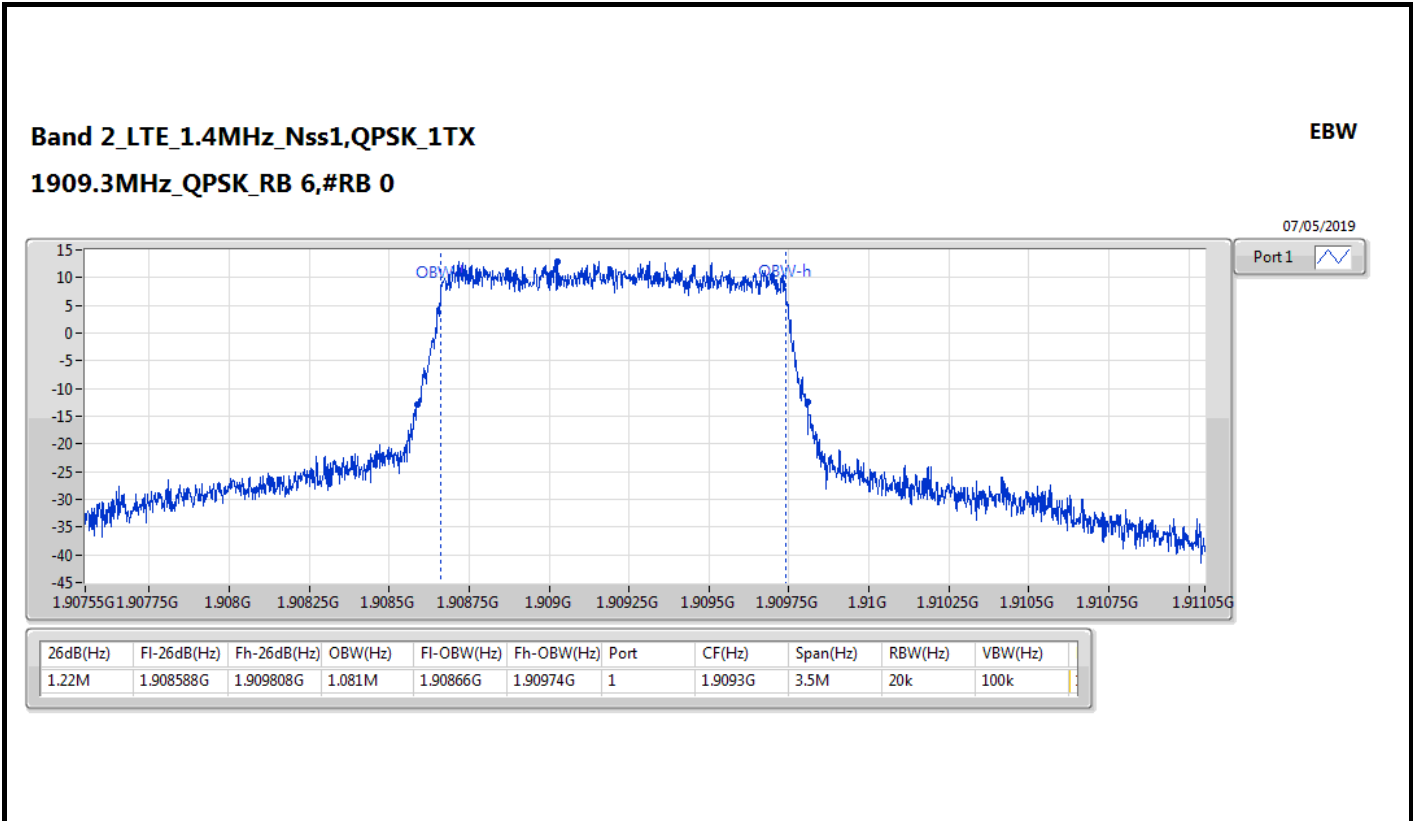
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	Inf	1.216M	1.082M
1880MHz_RB 6,#RB 0	Pass	Inf	1.204M	1.079M
1909.3MHz_RB 6,#RB 0	Pass	Inf	1.22M	1.081M
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	Inf	1.213M	1.081M
1880MHz_RB 6,#RB 0	Pass	Inf	1.201M	1.08M
1909.3MHz_RB 6,#RB 0	Pass	Inf	1.211M	1.082M
Band 2_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	Inf	2.925M	2.677M
1880MHz_RB 15,#RB 0	Pass	Inf	2.933M	2.678M
1908.5MHz_RB 15,#RB 0	Pass	Inf	2.963M	2.679M
Band 2_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	Inf	2.91M	2.676M
1880MHz_RB 15,#RB 0	Pass	Inf	2.936M	2.678M
1908.5MHz_RB 15,#RB 0	Pass	Inf	2.929M	2.68M
Band 2_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	Inf	4.913M	4.46M
1880MHz_RB 25,#RB 0	Pass	Inf	4.869M	4.464M
1907.5MHz_RB 25,#RB 0	Pass	Inf	4.888M	4.468M
Band 2_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	Inf	4.85M	4.459M
1880MHz_RB 25,#RB 0	Pass	Inf	4.819M	4.461M
1907.5MHz_RB 25,#RB 0	Pass	Inf	4.869M	4.462M
Band 2_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.924M
1880MHz_RB 50,#RB 0	Pass	Inf	9.575M	8.912M
1905MHz_RB 50,#RB 0	Pass	Inf	9.525M	8.92M
Band 2_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.906M
1880MHz_RB 50,#RB 0	Pass	Inf	9.563M	8.899M
1905MHz_RB 50,#RB 0	Pass	Inf	9.513M	8.892M
Band 2_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	Inf	14.325M	13.423M
1880MHz_RB 75,#RB 0	Pass	Inf	14.531M	13.4M
1902.5MHz_RB 75,#RB 0	Pass	Inf	14.325M	13.369M
Band 2_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	Inf	14.494M	13.416M
1880MHz_RB 75,#RB 0	Pass	Inf	14.456M	13.406M
1902.5MHz_RB 75,#RB 0	Pass	Inf	14.438M	13.367M
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-

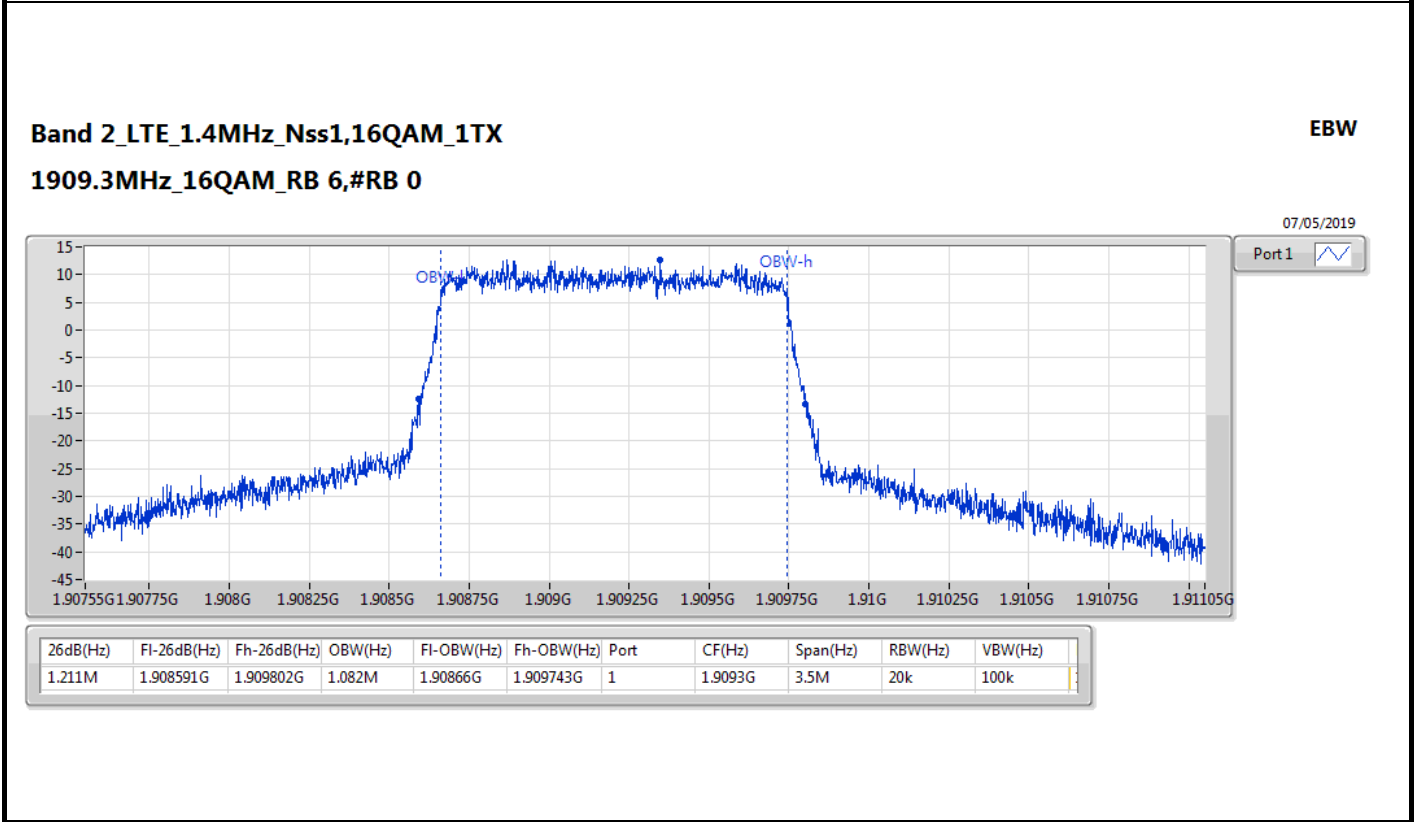
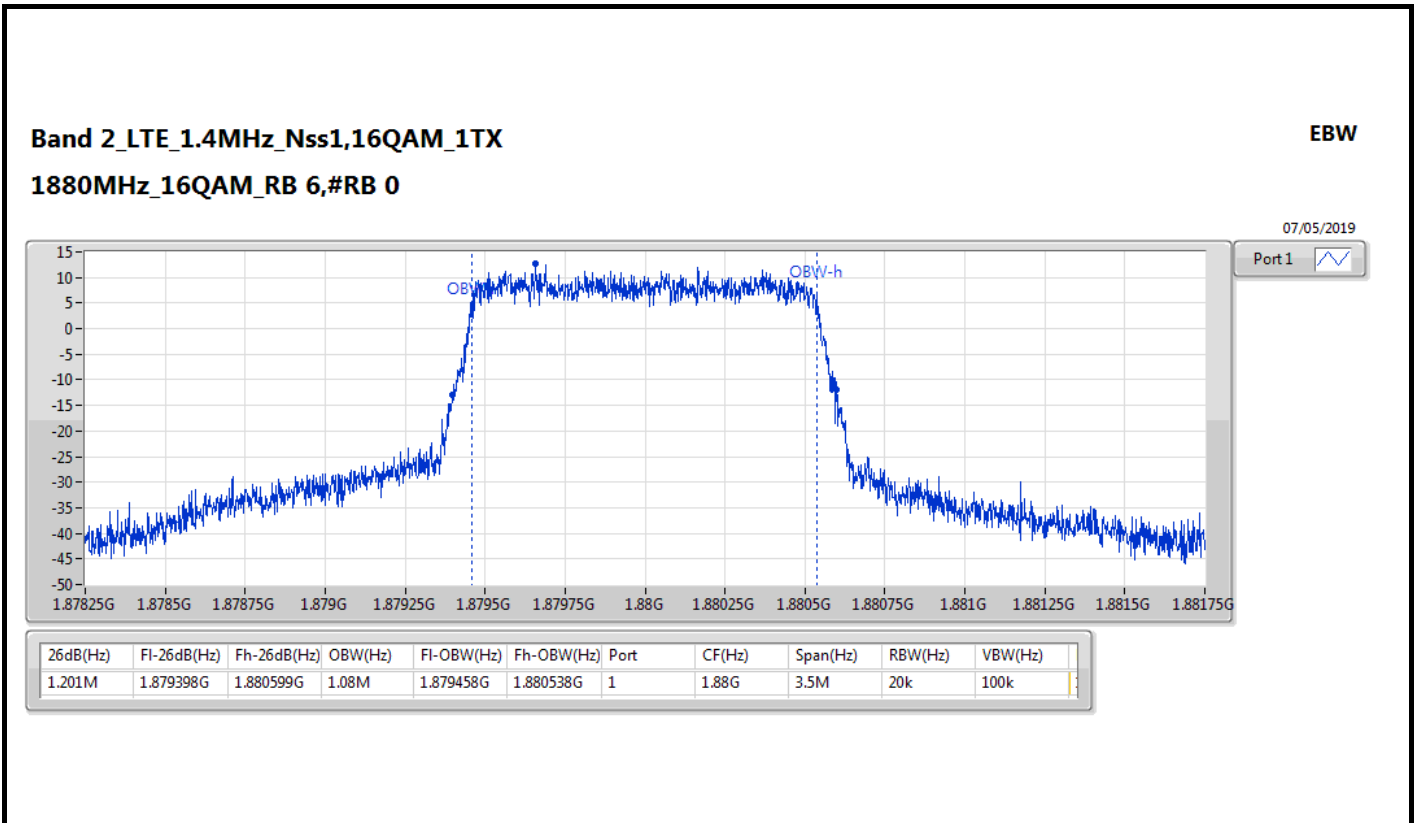


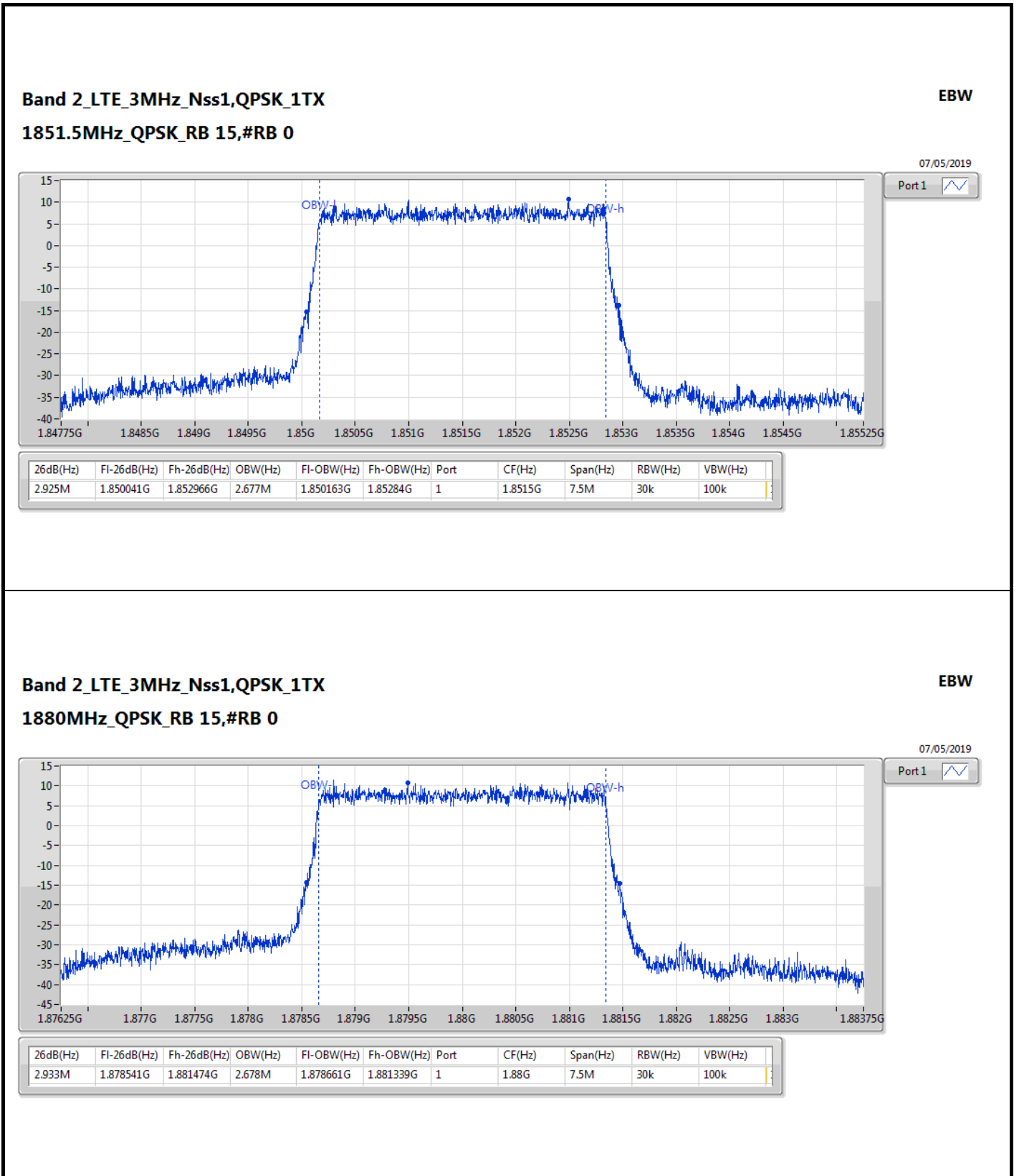
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
1860MHz_RB 100,#RB 0	Pass	Inf	19.125M	17.828M
1880MHz_RB 100,#RB 0	Pass	Inf	19.075M	17.863M
1900MHz_RB 100,#RB 0	Pass	Inf	18.975M	17.789M
Band 2_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	Inf	19M	17.825M
1880MHz_RB 100,#RB 0	Pass	Inf	19.125M	17.861M
1900MHz_RB 100,#RB 0	Pass	Inf	18.925M	17.792M

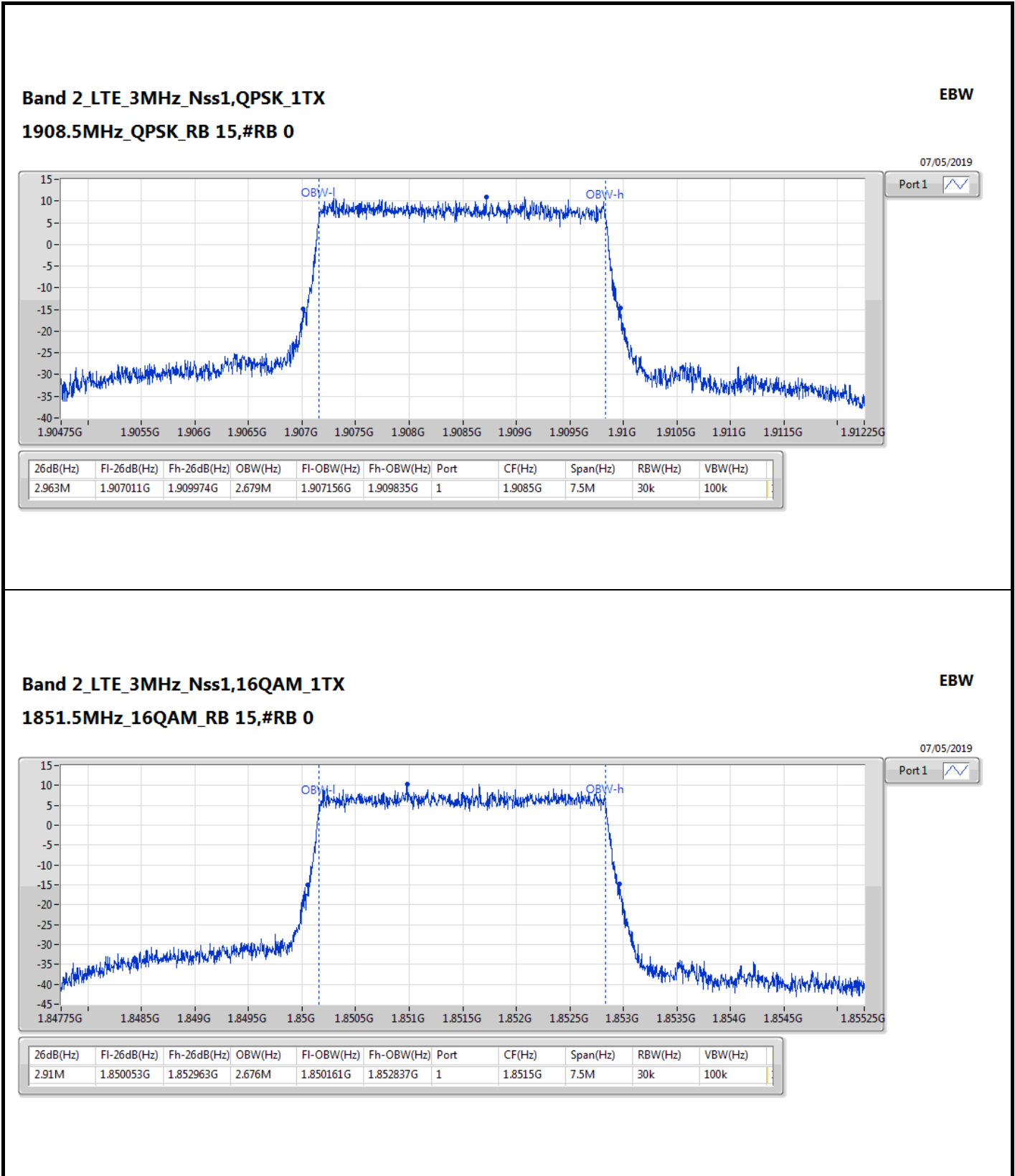
Port X-N dB = Port X 26dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

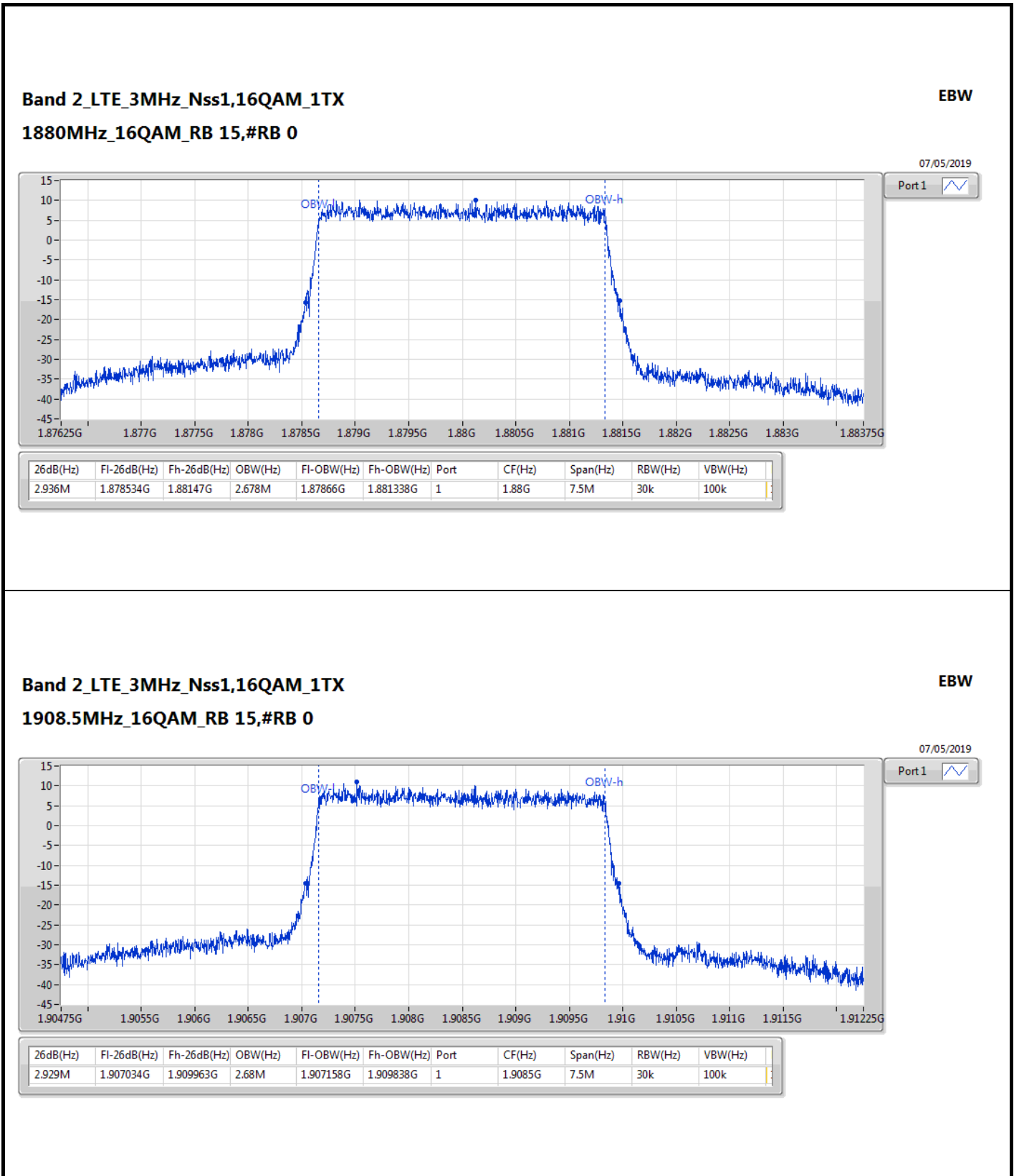


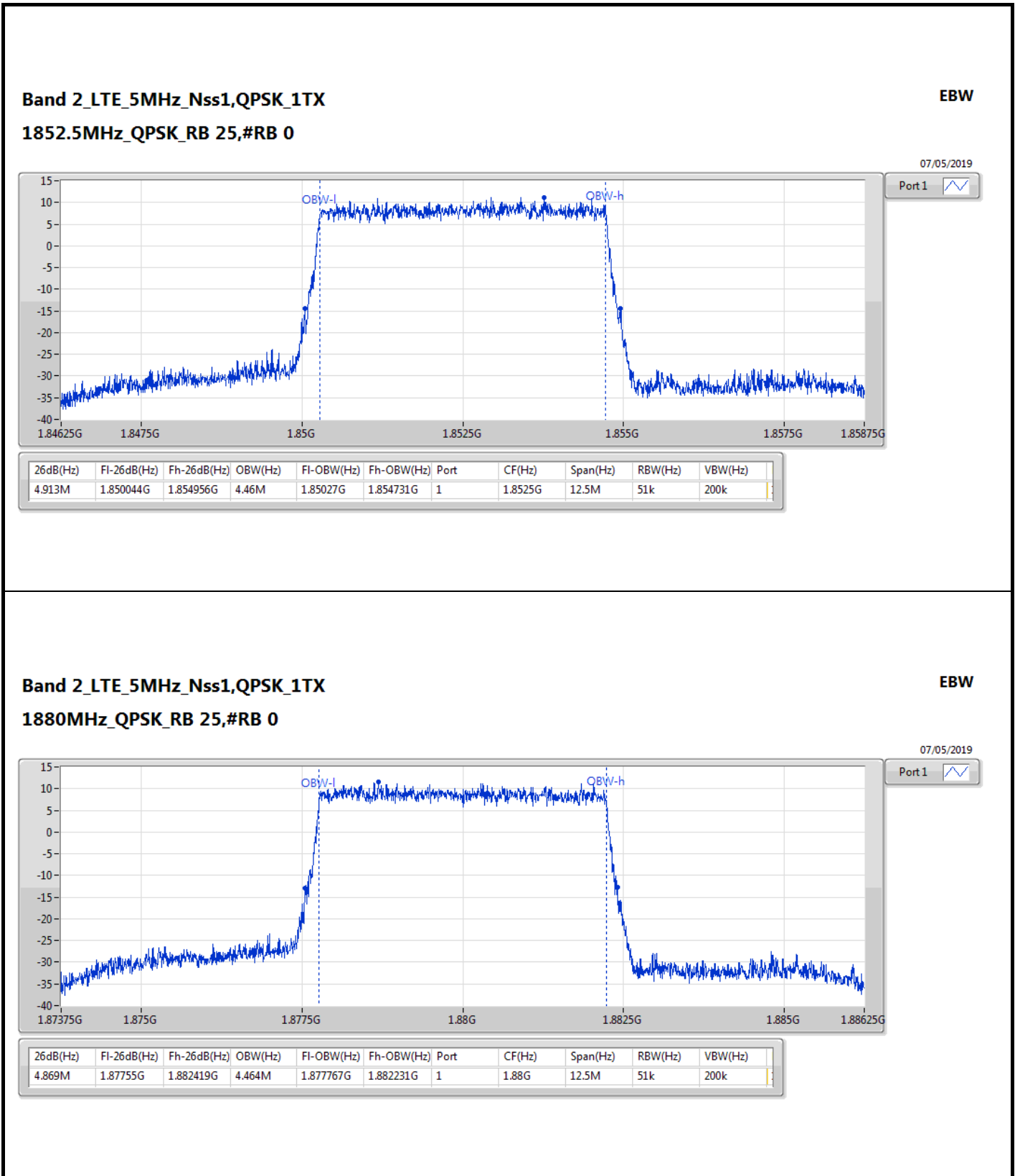


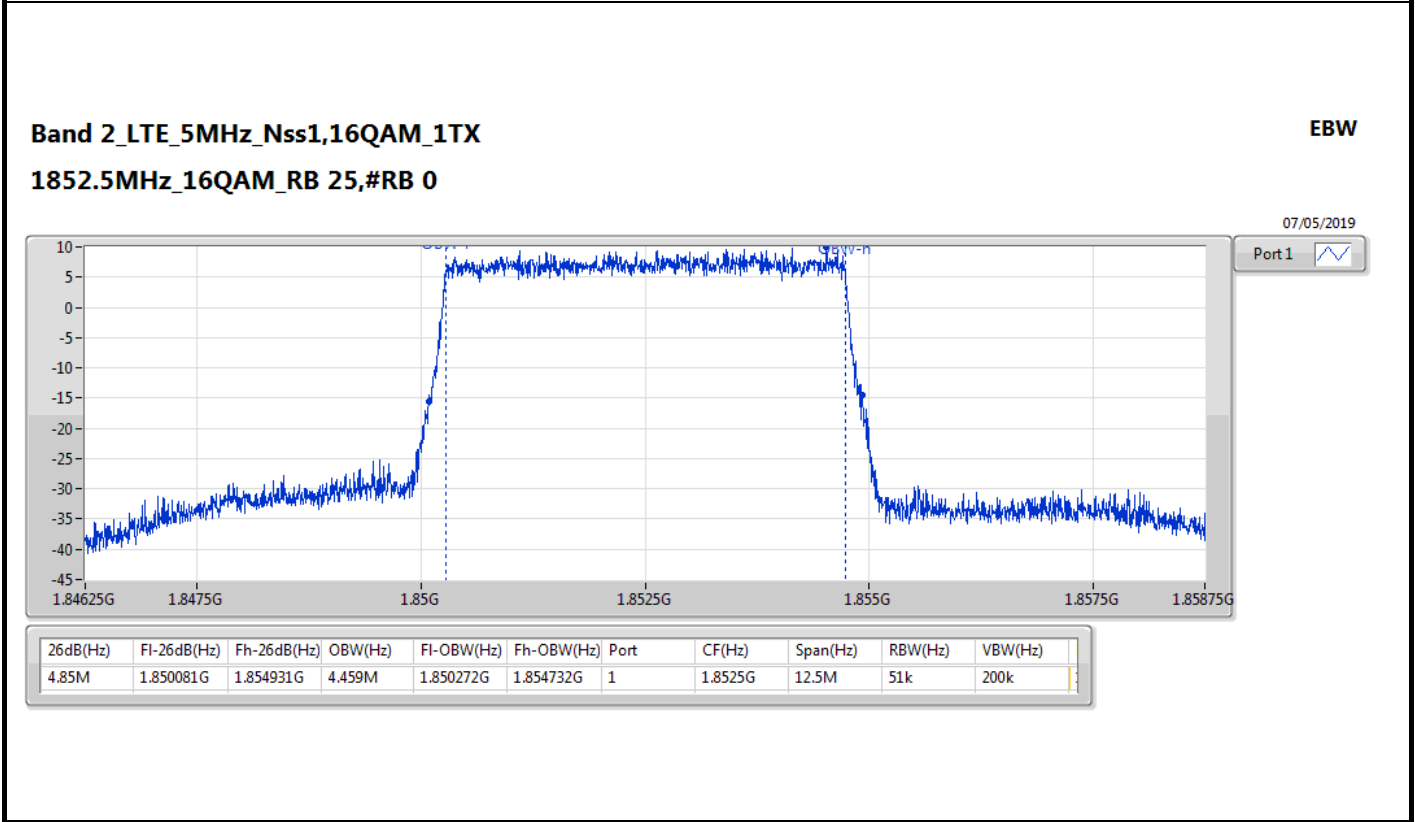
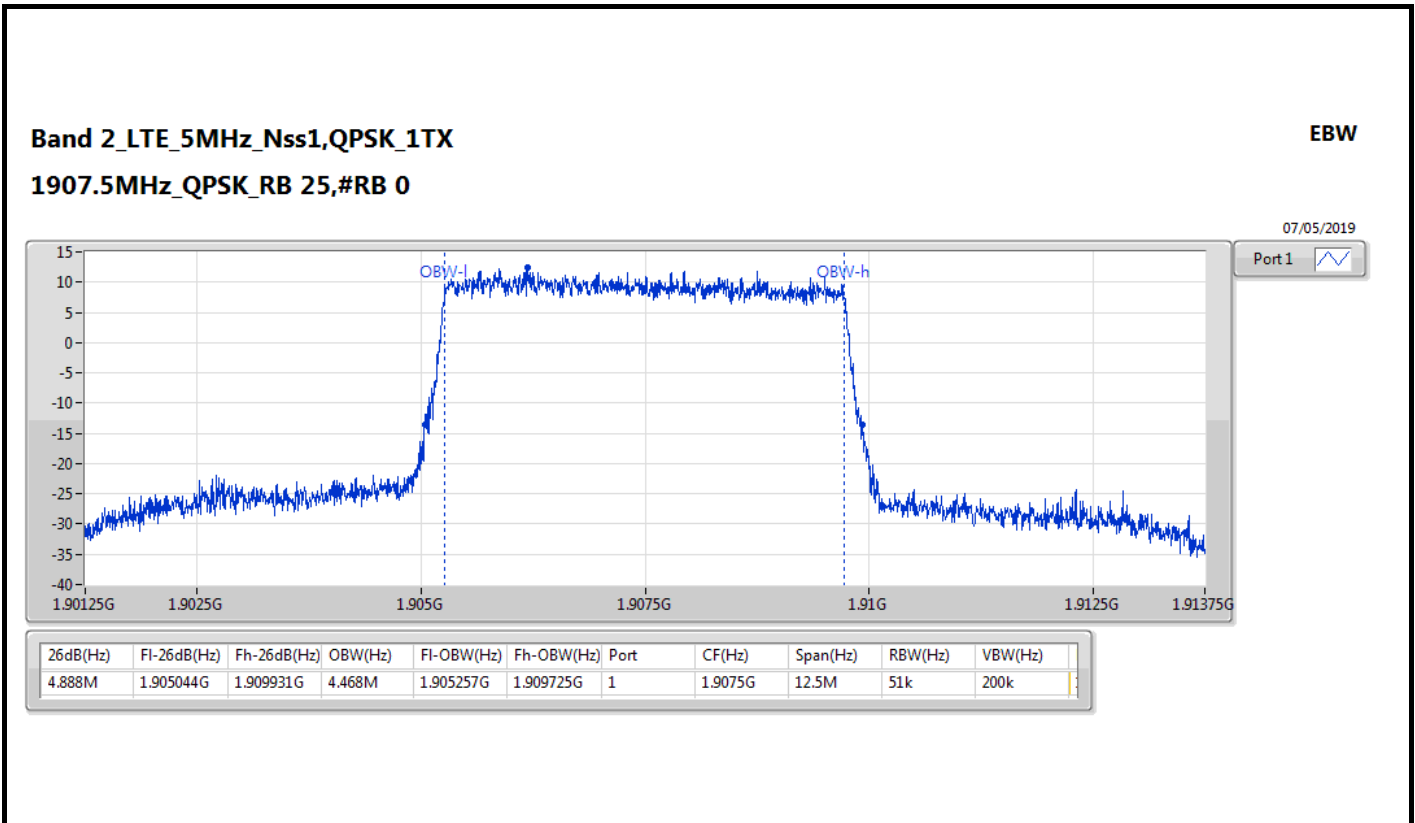


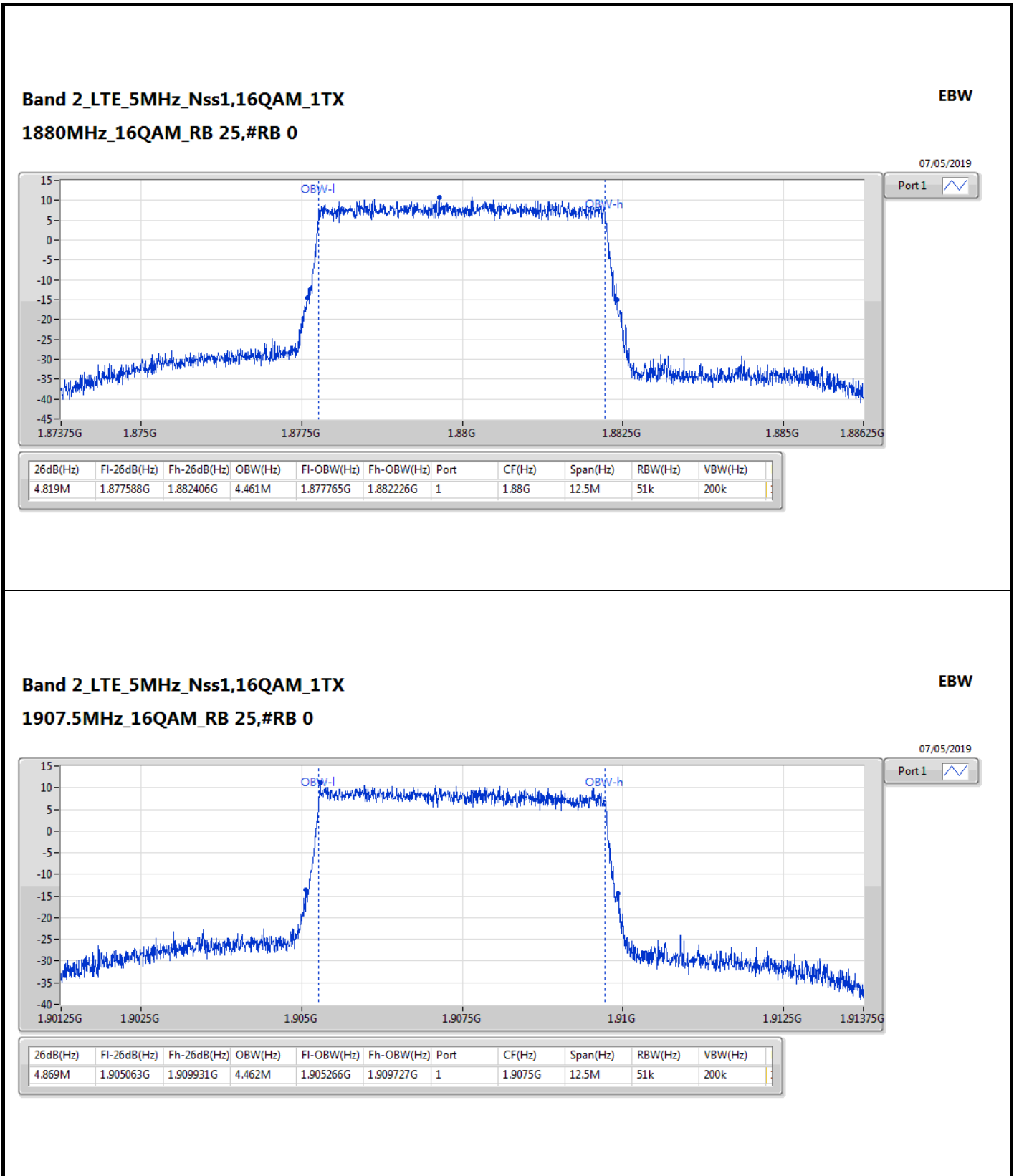


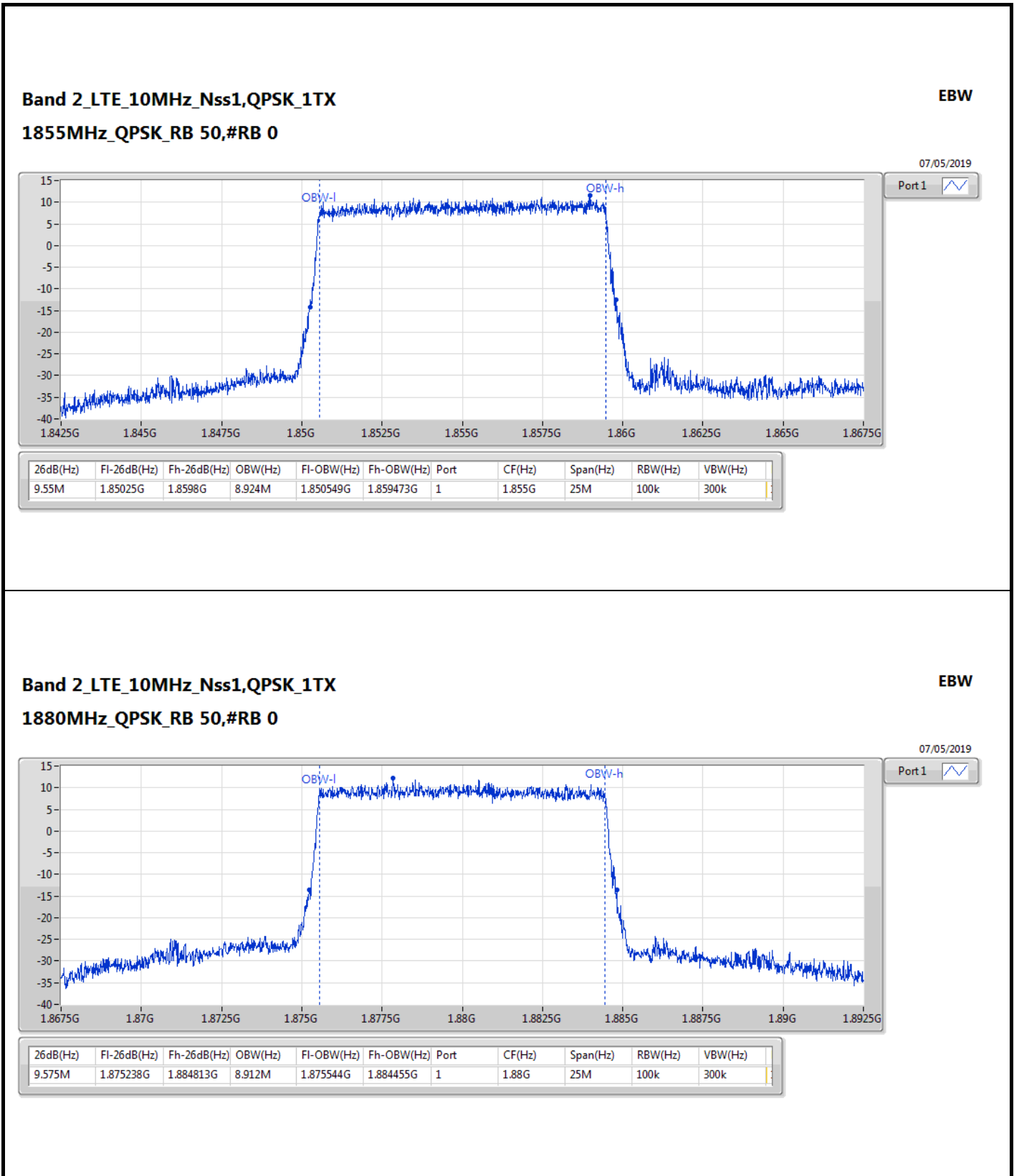


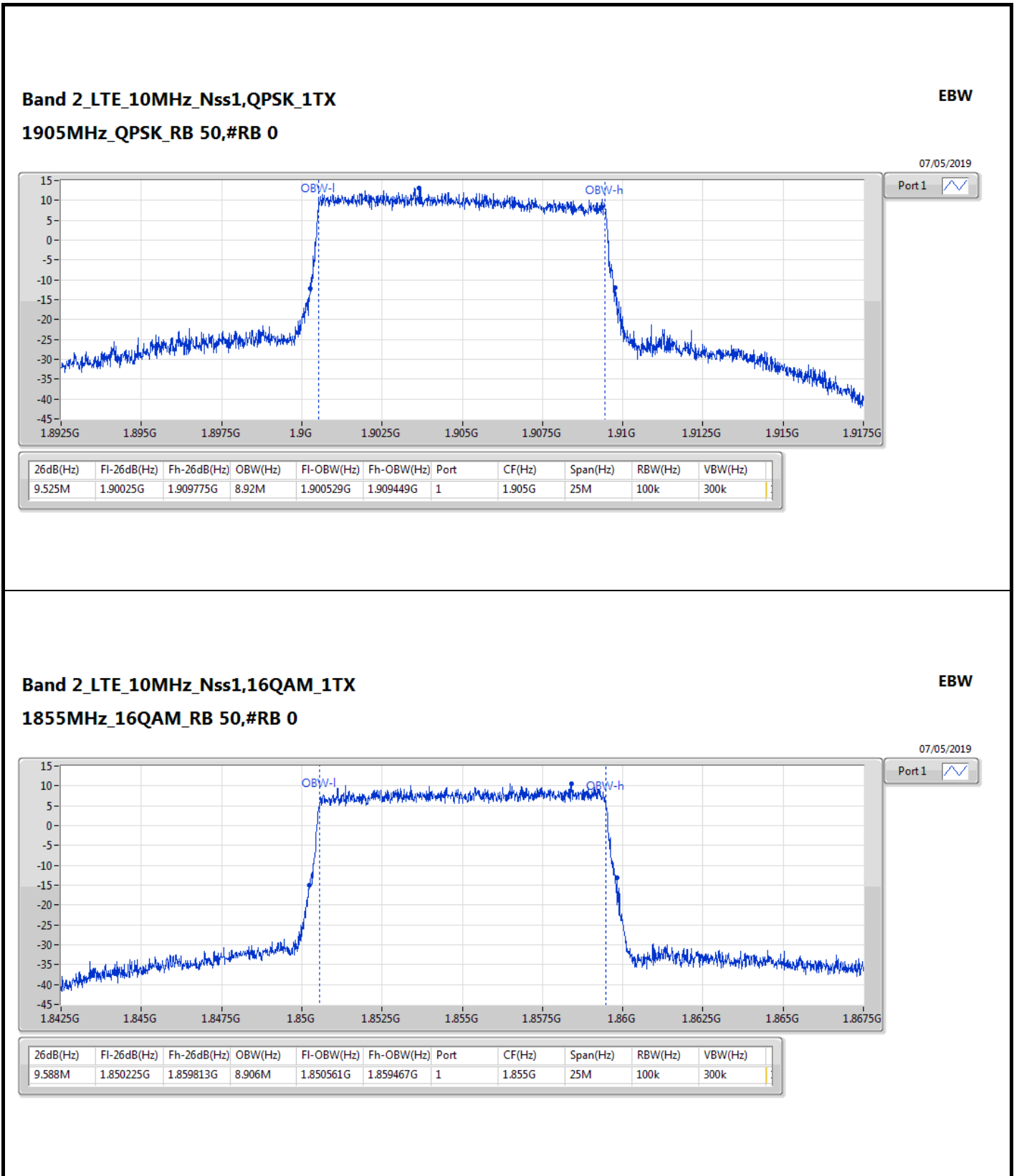


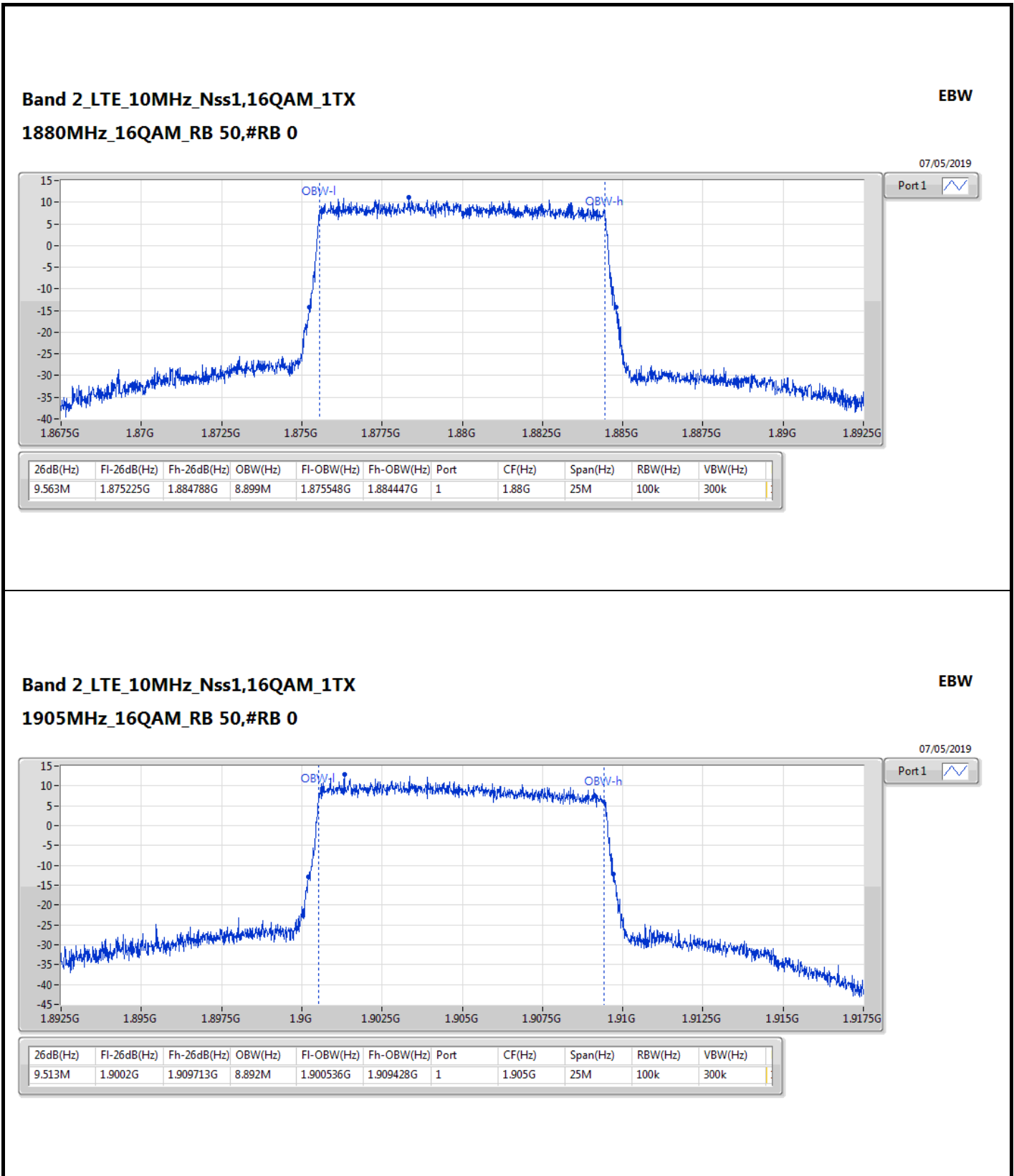


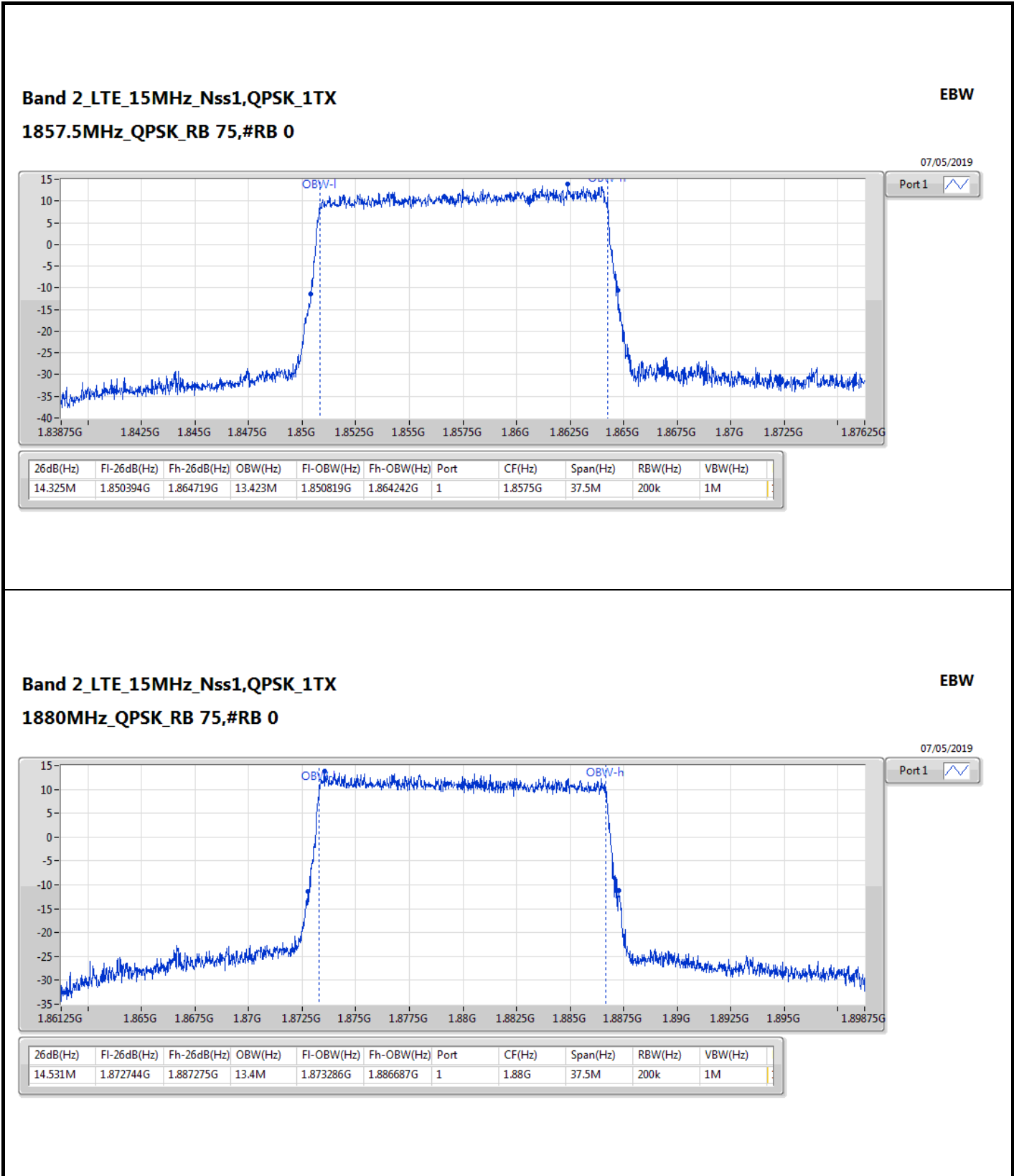


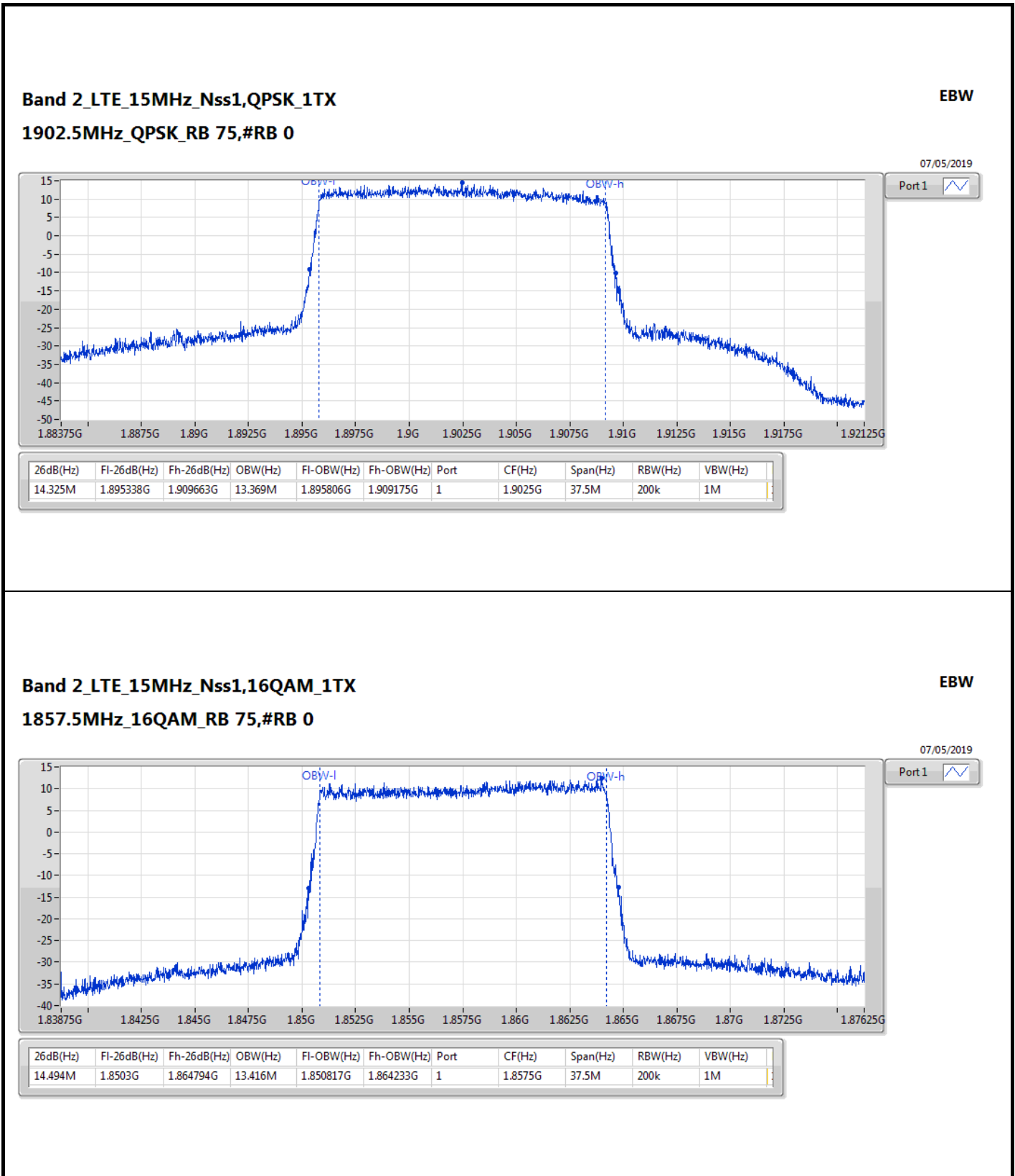


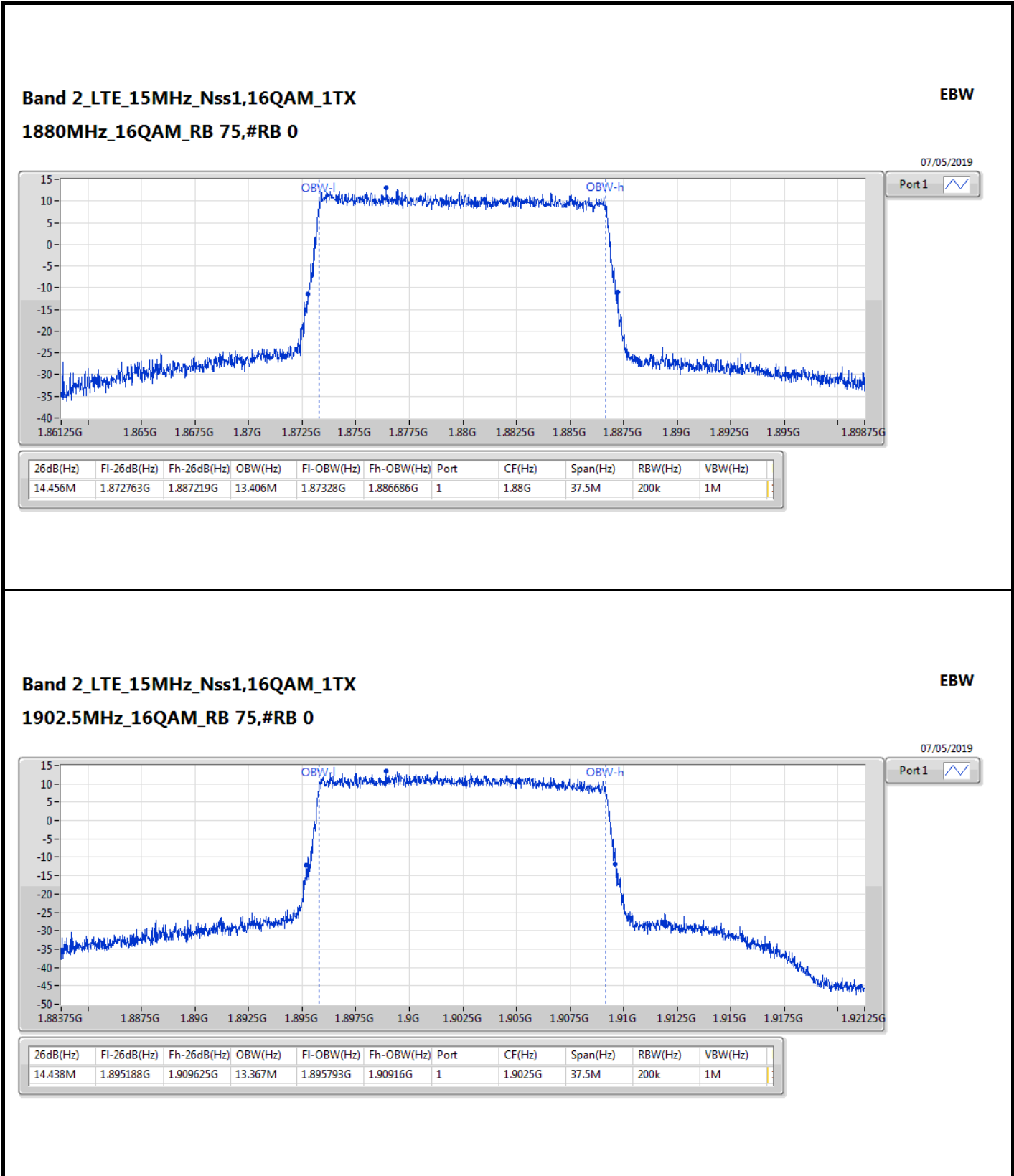


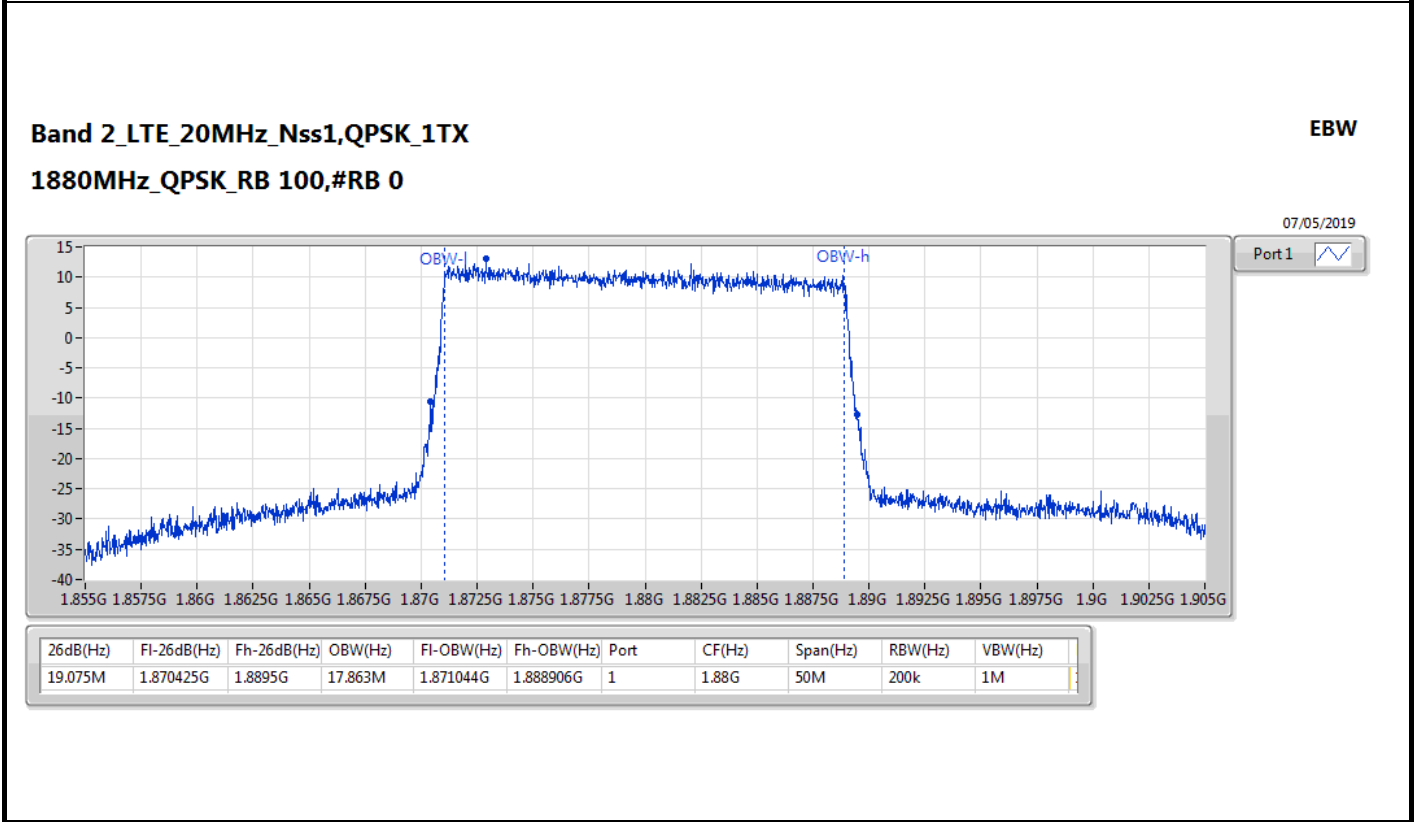
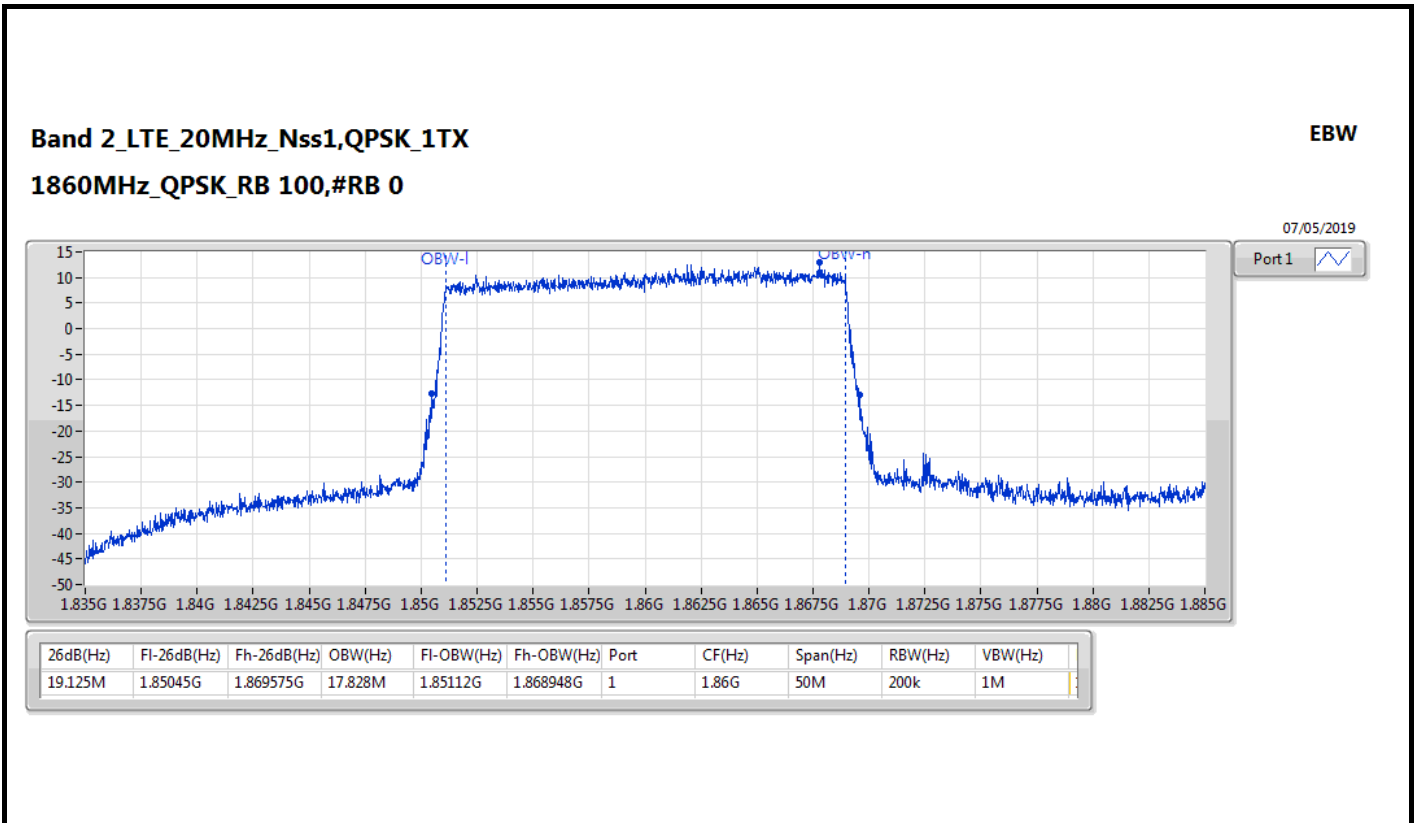


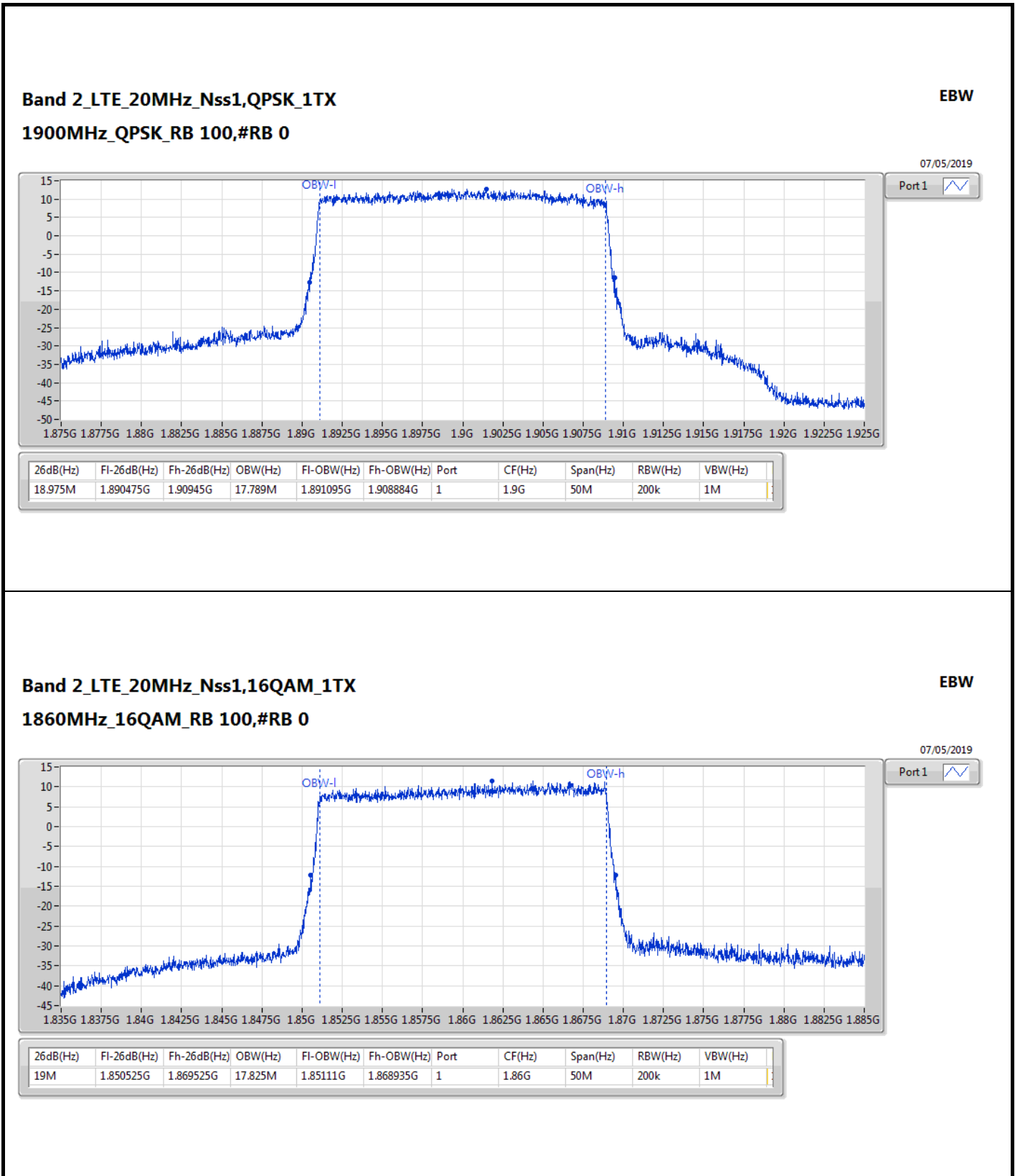


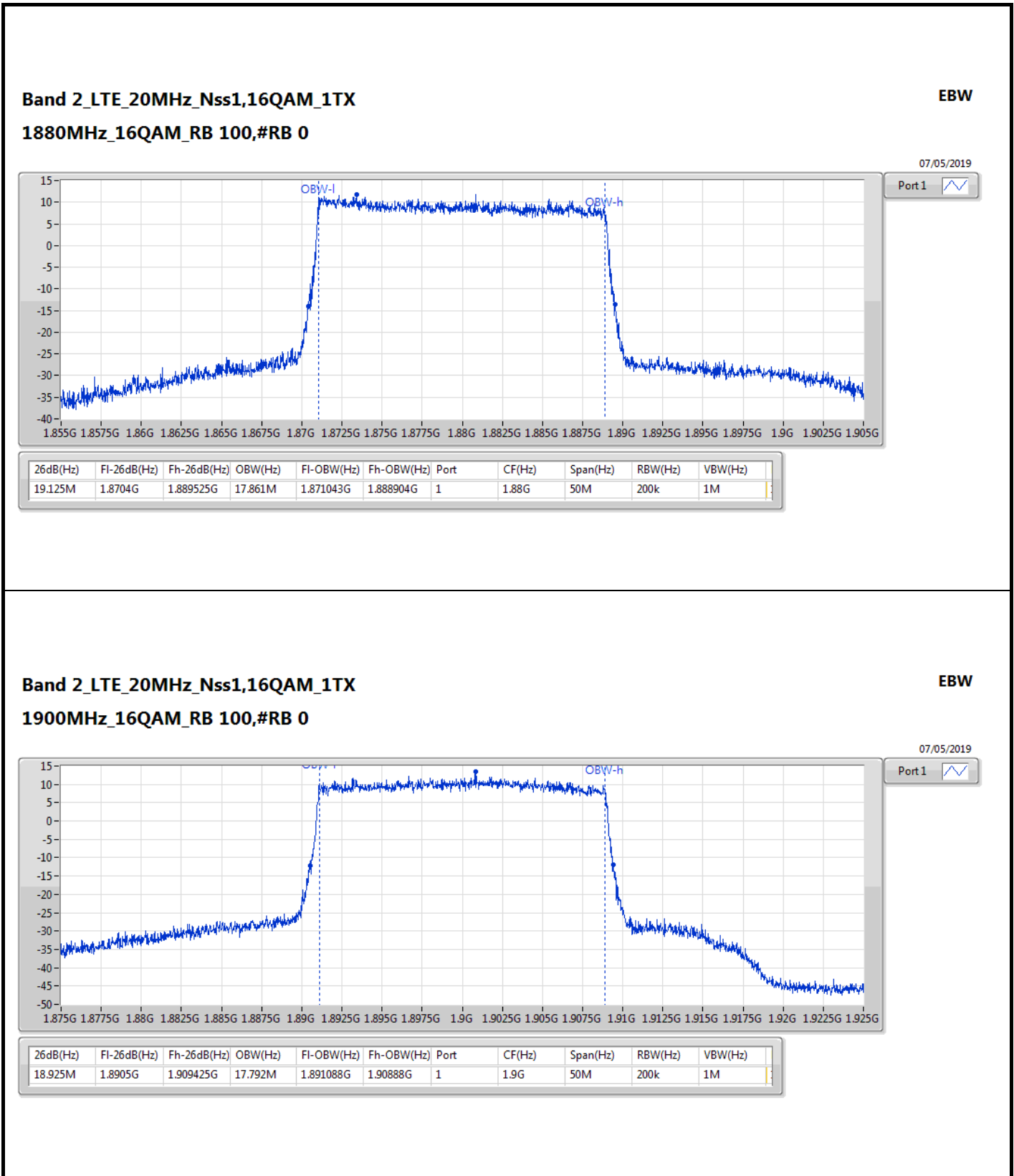














<Mode 5> EUT 2 + LTE Band 4 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 4	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.218M	1.08M	1M08G7D	1.213M	1.078M
LTE_1.4MHz_Nss1,16QAM_1TX	1.215M	1.083M	1M08W7D	1.213M	1.078M
LTE_3MHz_Nss1,QPSK_1TX	2.933M	2.676M	2M68G7D	2.899M	2.671M
LTE_3MHz_Nss1,16QAM_1TX	2.933M	2.684M	2M68W7D	2.914M	2.679M
LTE_5MHz_Nss1,QPSK_1TX	4.9M	4.466M	4M47G7D	4.838M	4.461M
LTE_5MHz_Nss1,16QAM_1TX	4.894M	4.461M	4M46W7D	4.838M	4.458M
LTE_10MHz_Nss1,QPSK_1TX	9.638M	8.931M	8M93G7D	9.563M	8.92M
LTE_10MHz_Nss1,16QAM_1TX	9.588M	8.92M	8M92W7D	9.55M	8.904M
LTE_15MHz_Nss1,QPSK_1TX	14.475M	13.431M	13M4G7D	14.4M	13.418M
LTE_15MHz_Nss1,16QAM_1TX	14.55M	13.415M	13M4W7D	14.494M	13.405M
LTE_20MHz_Nss1,QPSK_1TX	19.2M	17.865M	17M9G7D	18.975M	17.809M
LTE_20MHz_Nss1,16QAM_1TX	19.225M	17.871M	17M9W7D	18.9M	17.815M

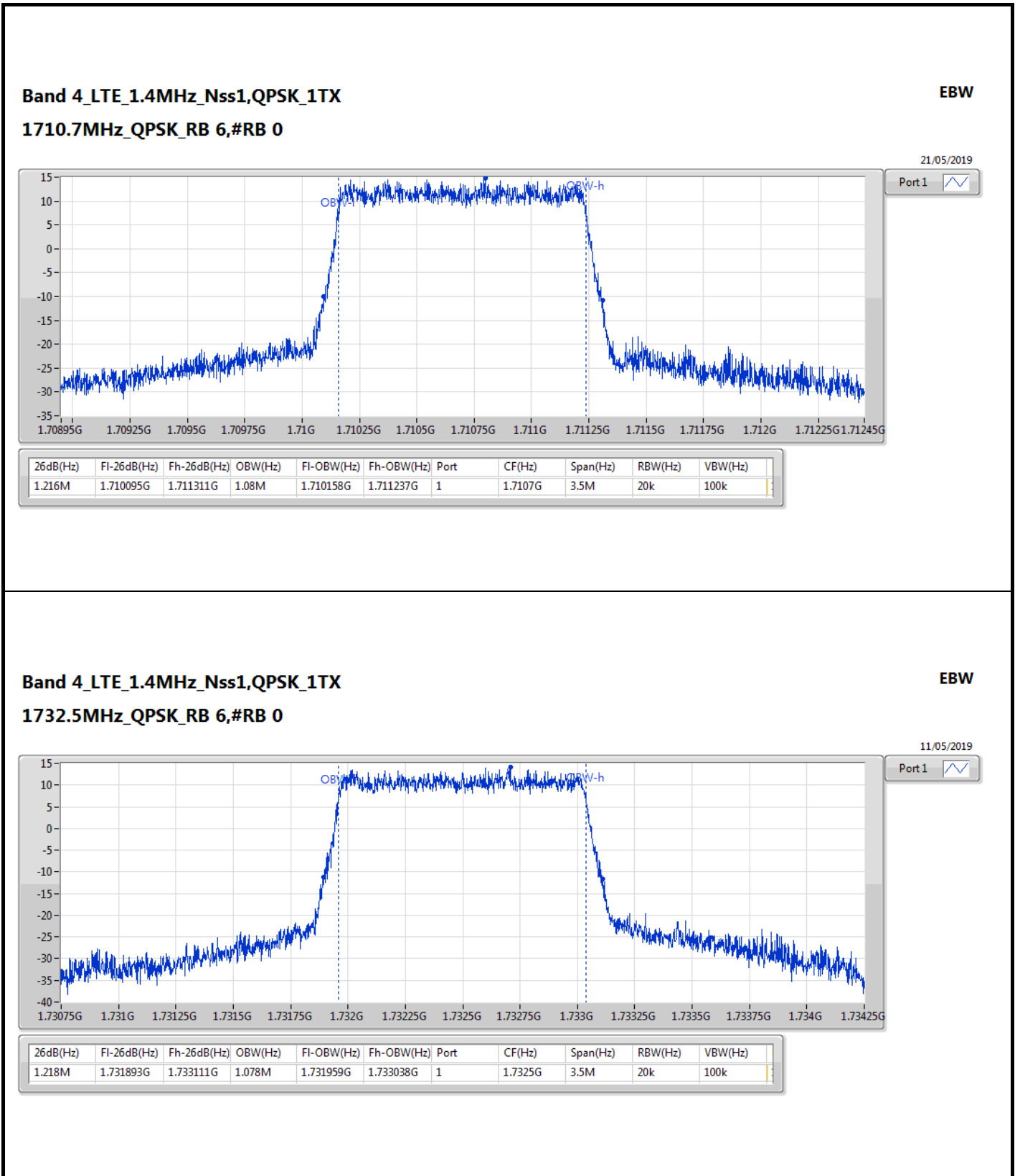
Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

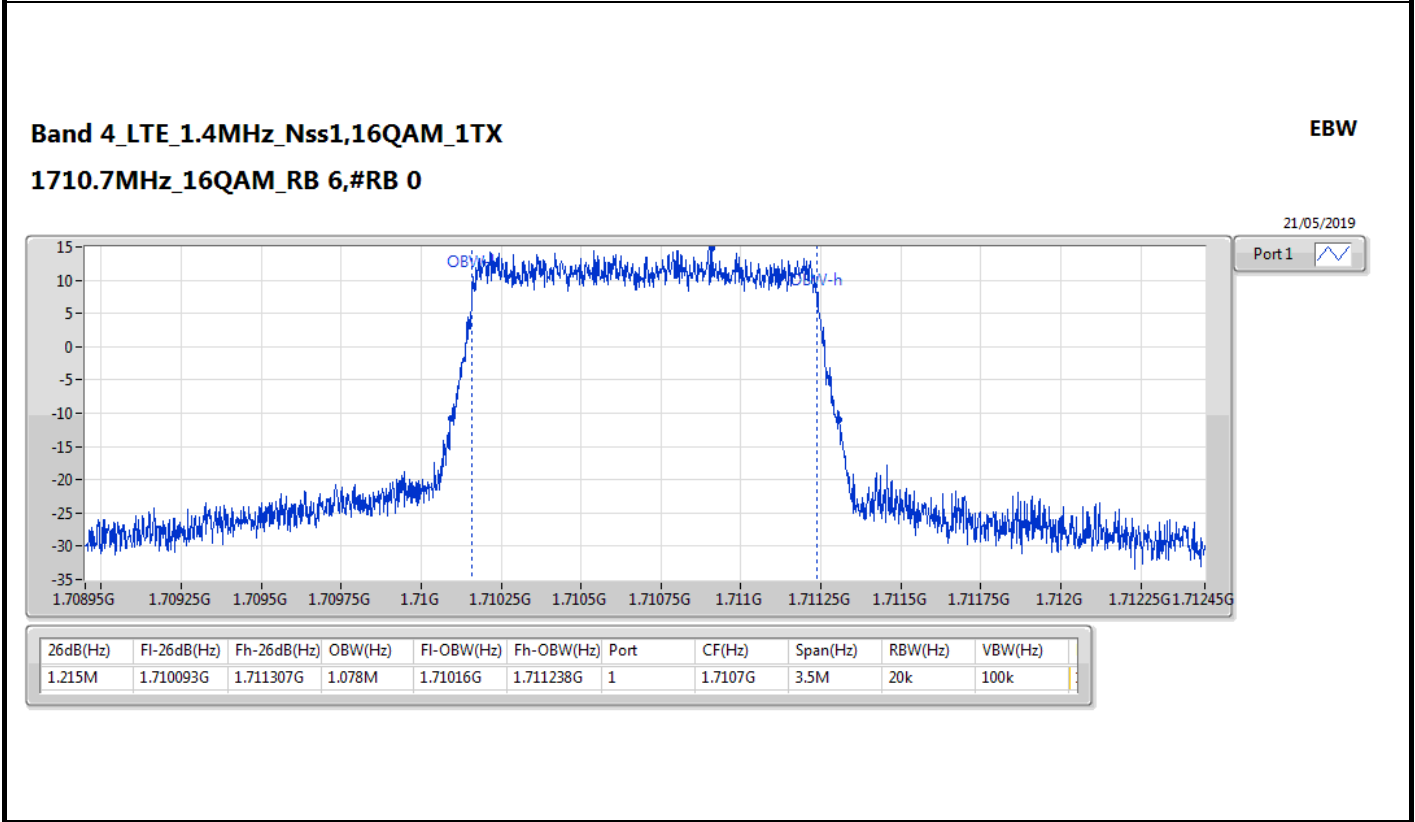
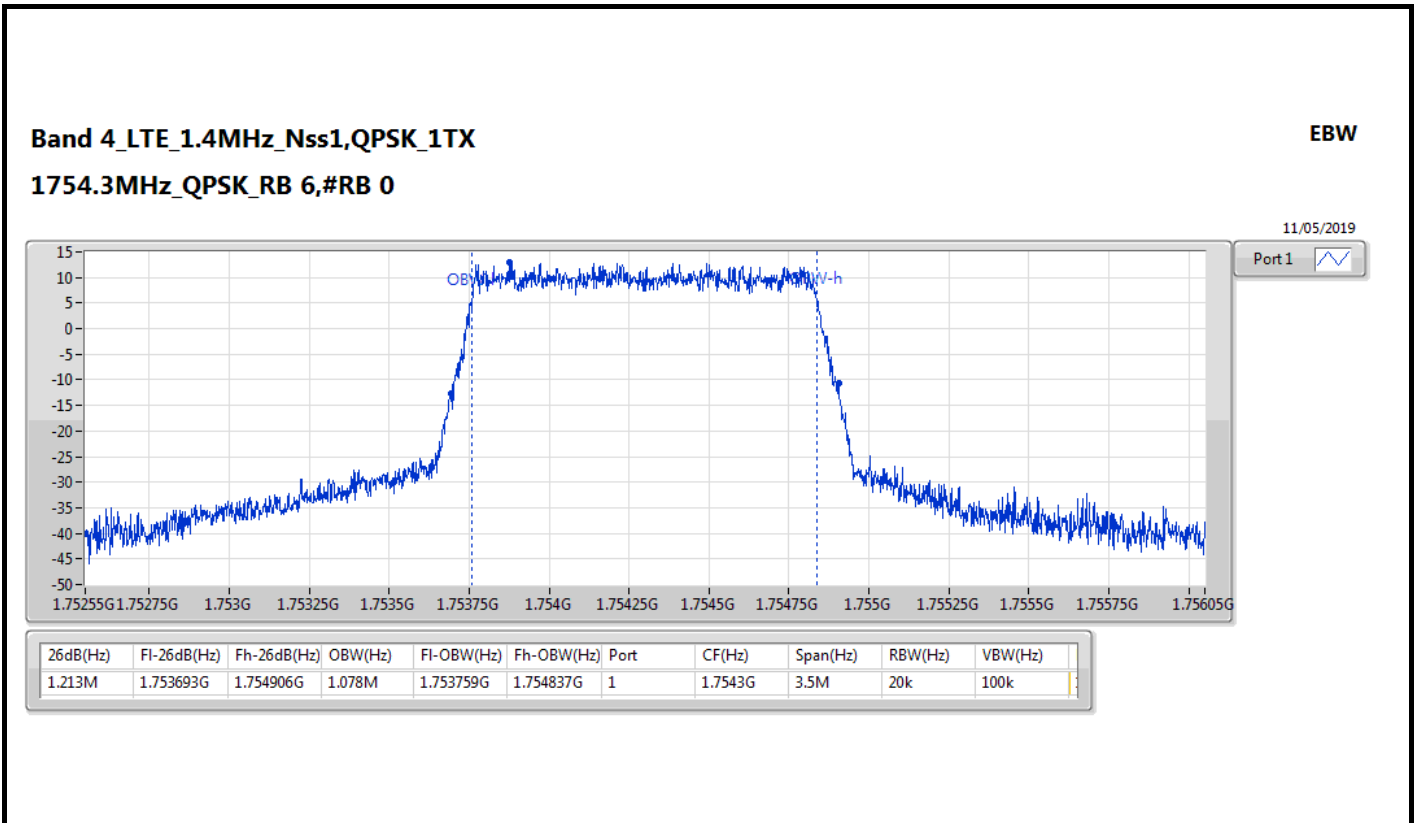


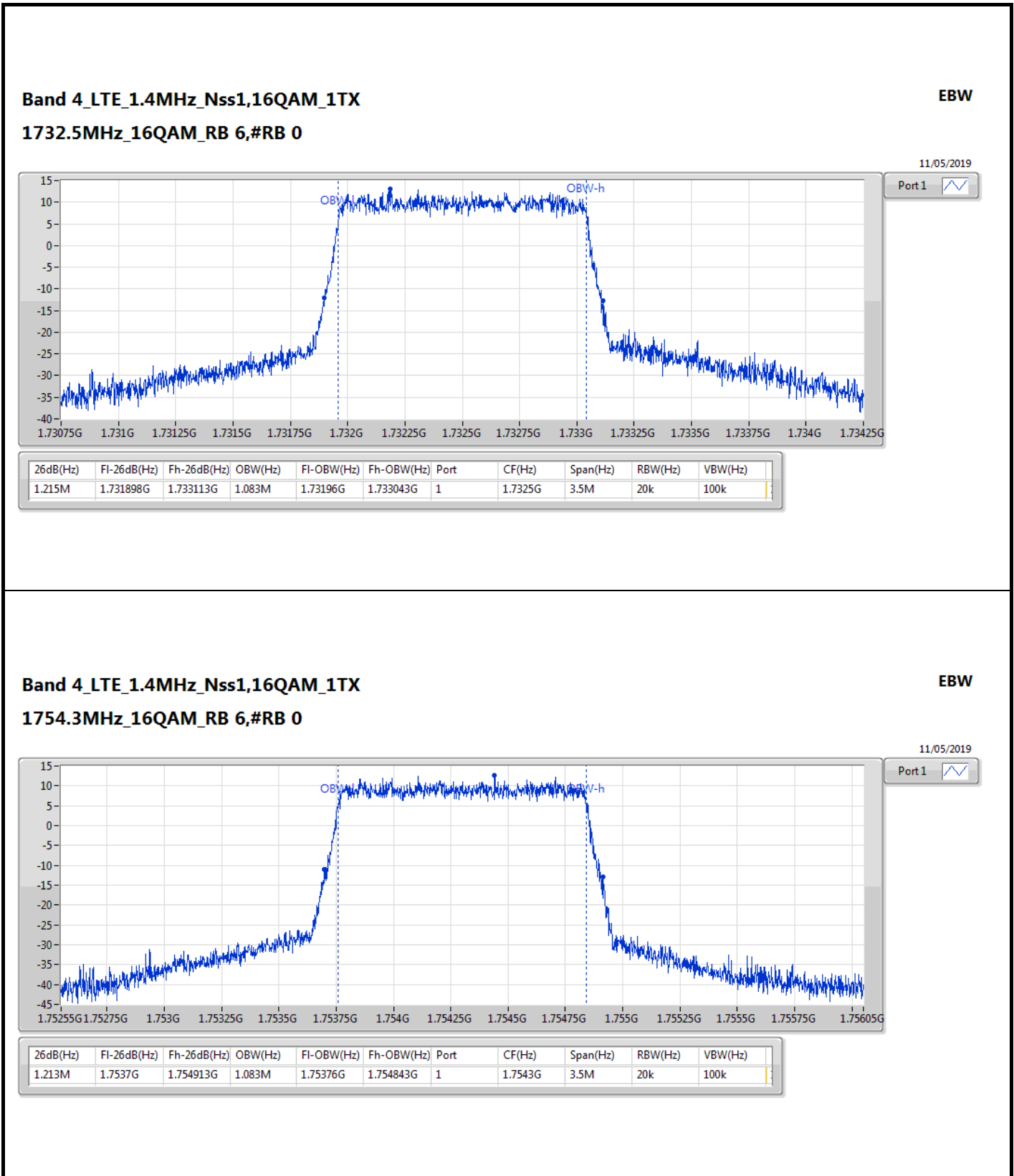
Result

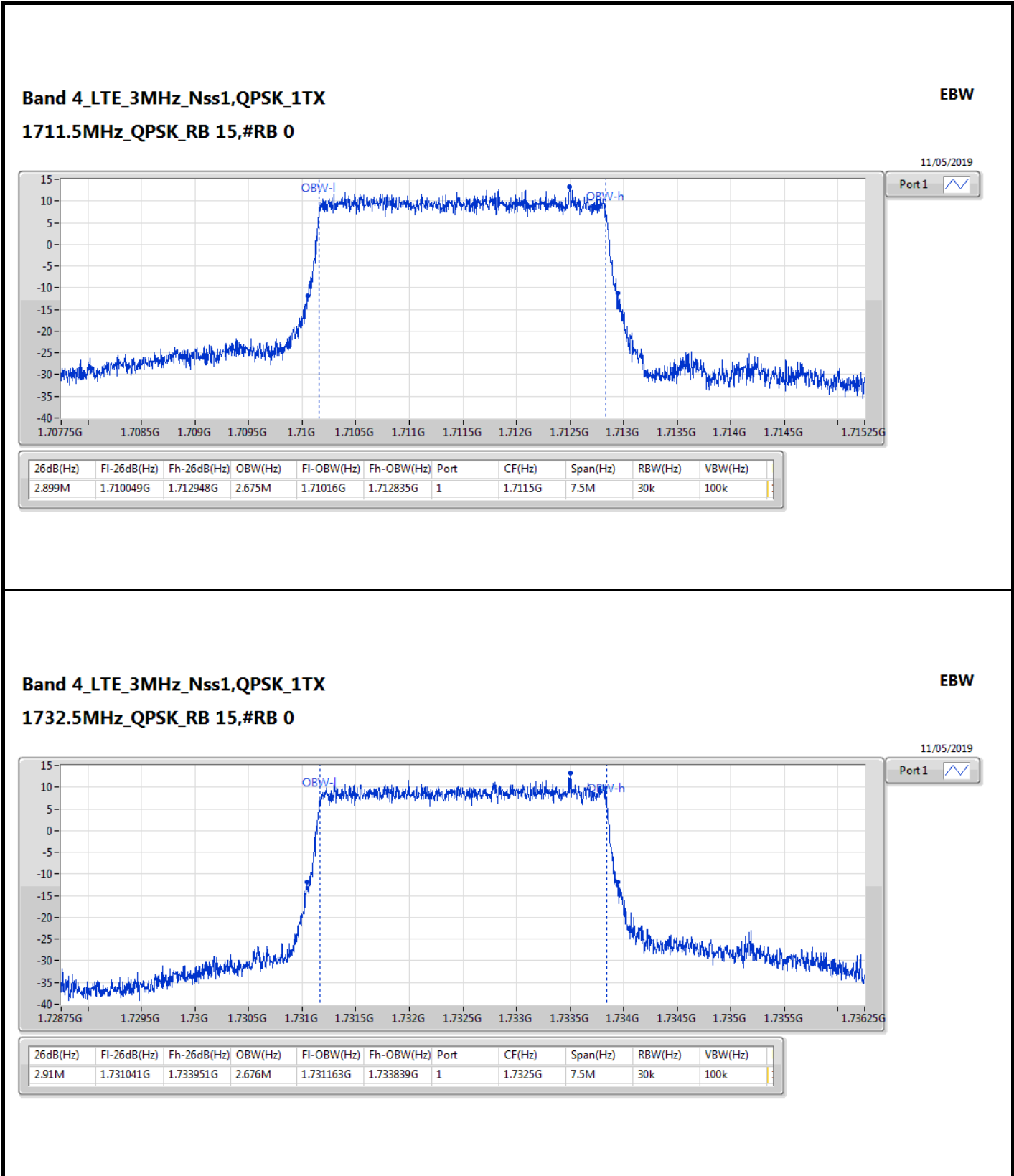
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	Inf	1.216M	1.08M
1732.5MHz_RB 6,#RB 0	Pass	Inf	1.218M	1.078M
1754.3MHz_RB 6,#RB 0	Pass	Inf	1.213M	1.078M
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	Inf	1.215M	1.078M
1732.5MHz_RB 6,#RB 0	Pass	Inf	1.215M	1.083M
1754.3MHz_RB 6,#RB 0	Pass	Inf	1.213M	1.083M
Band 4_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	Inf	2.899M	2.675M
1732.5MHz_RB 15,#RB 0	Pass	Inf	2.91M	2.676M
1753.5MHz_RB 15,#RB 0	Pass	Inf	2.933M	2.671M
Band 4_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	Inf	2.921M	2.68M
1732.5MHz_RB 15,#RB 0	Pass	Inf	2.933M	2.684M
1753.5MHz_RB 15,#RB 0	Pass	Inf	2.914M	2.679M
Band 4_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	Inf	4.856M	4.466M
1732.5MHz_RB 25,#RB 0	Pass	Inf	4.838M	4.461M
1752.5MHz_RB 25,#RB 0	Pass	Inf	4.9M	4.465M
Band 4_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	Inf	4.838M	4.458M
1732.5MHz_RB 25,#RB 0	Pass	Inf	4.85M	4.461M
1752.5MHz_RB 25,#RB 0	Pass	Inf	4.894M	4.459M
Band 4_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	Inf	9.563M	8.92M
1732.5MHz_RB 50,#RB 0	Pass	Inf	9.638M	8.926M
1750MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.931M
Band 4_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.913M
1732.5MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.904M
1750MHz_RB 50,#RB 0	Pass	Inf	9.575M	8.92M
Band 4_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	Inf	14.456M	13.418M
1732.5MHz_RB 75,#RB 0	Pass	Inf	14.4M	13.419M
1747.5MHz_RB 75,#RB 0	Pass	Inf	14.475M	13.431M
Band 4_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	Inf	14.55M	13.412M
1732.5MHz_RB 75,#RB 0	Pass	Inf	14.513M	13.405M
1747.5MHz_RB 75,#RB 0	Pass	Inf	14.494M	13.415M
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	Inf	19.2M	17.865M
1732.5MHz_RB 100,#RB 0	Pass	Inf	18.975M	17.809M
1745MHz_RB 100,#RB 0	Pass	Inf	19.1M	17.834M
Band 4_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	Inf	19.225M	17.871M
1732.5MHz_RB 100,#RB 0	Pass	Inf	18.9M	17.815M
1745MHz_RB 100,#RB 0	Pass	Inf	19.05M	17.816M

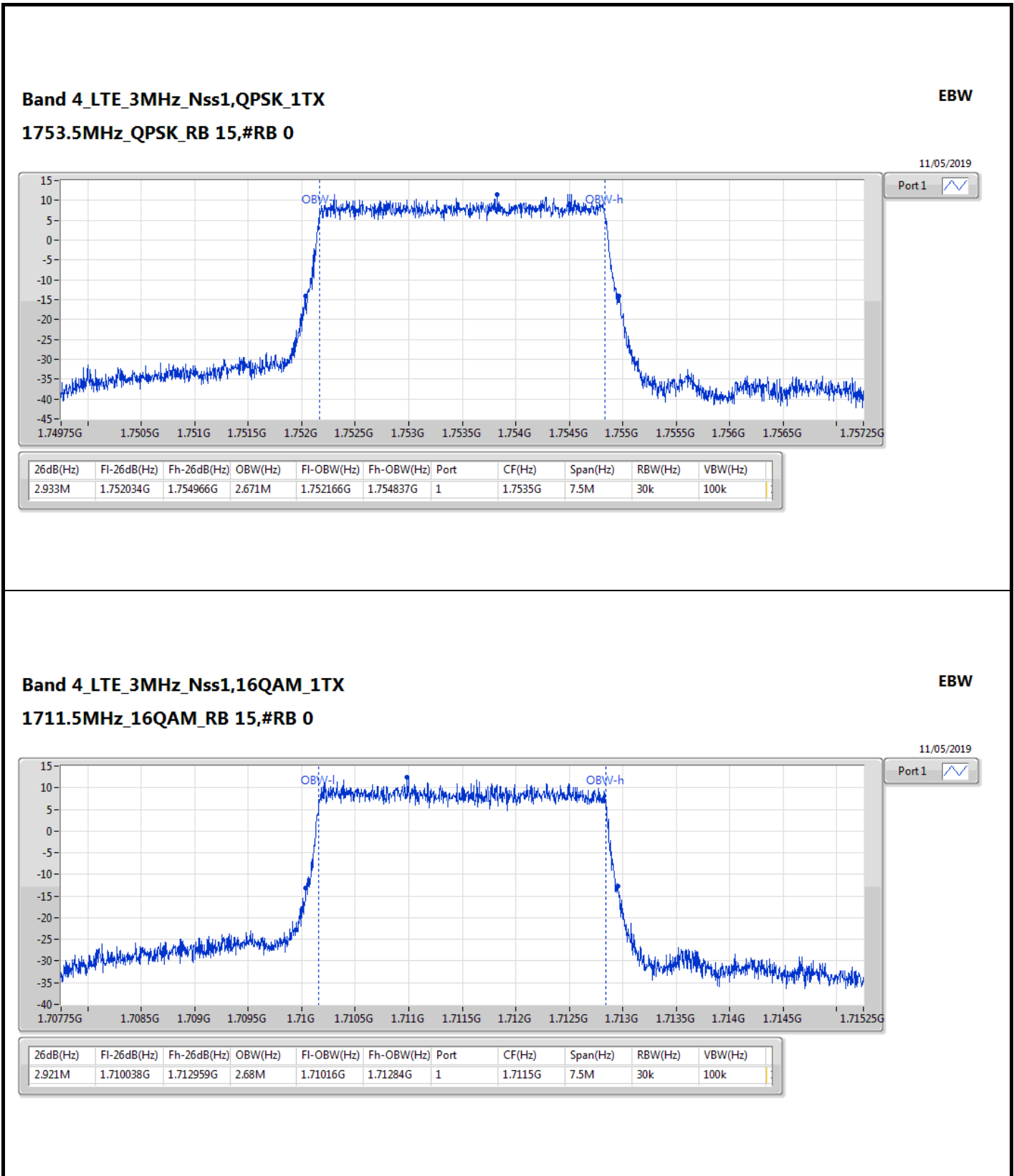
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

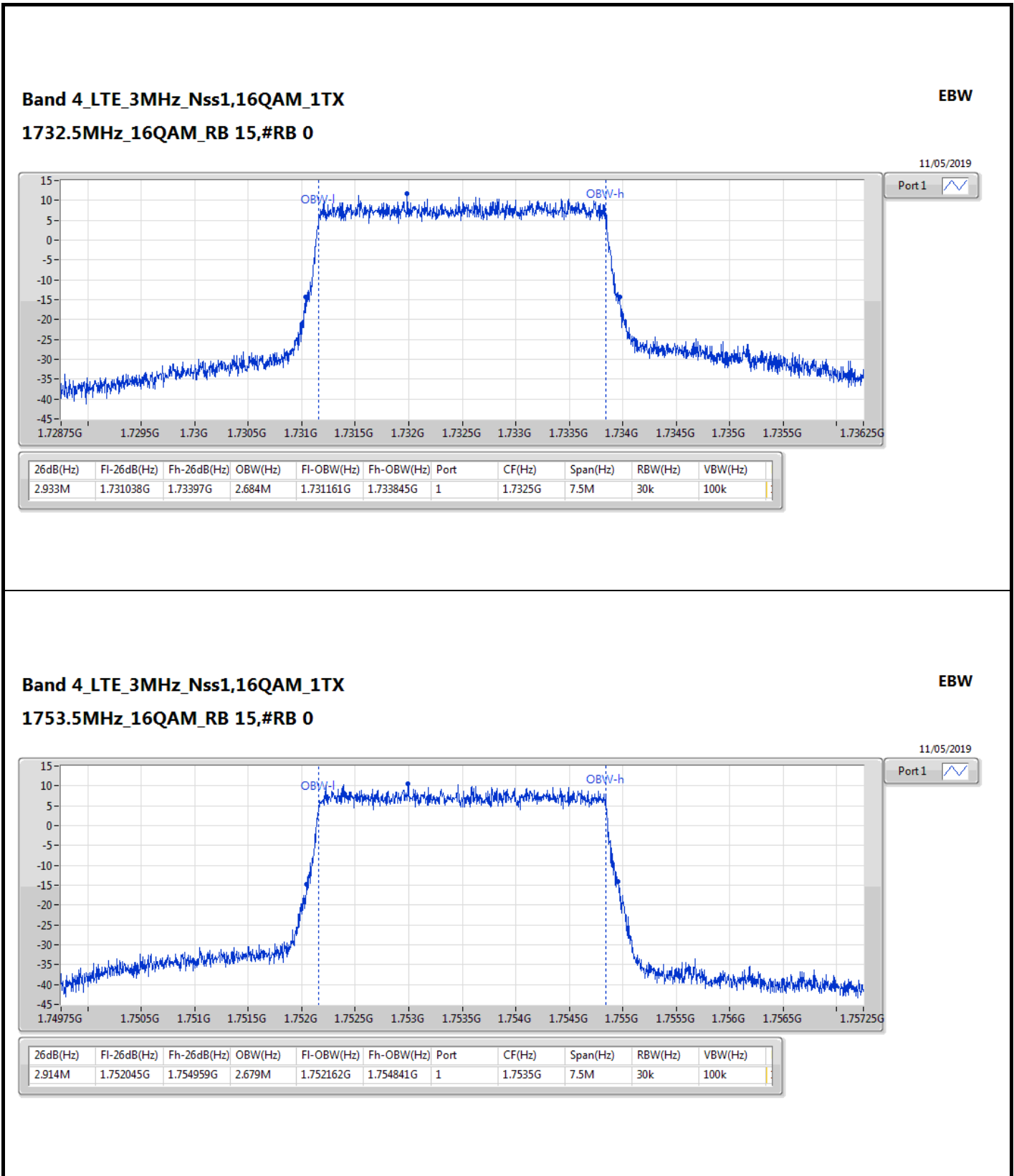


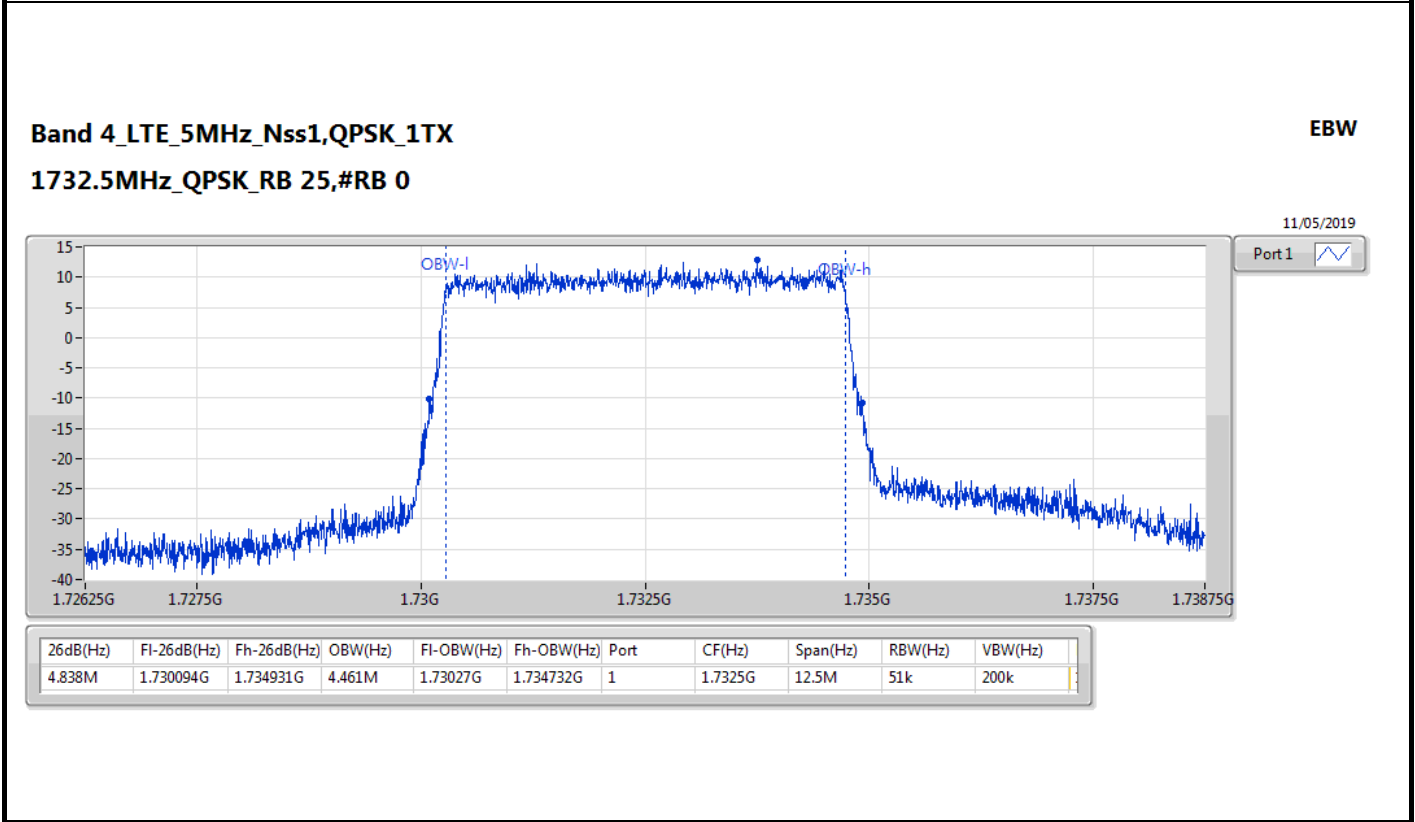
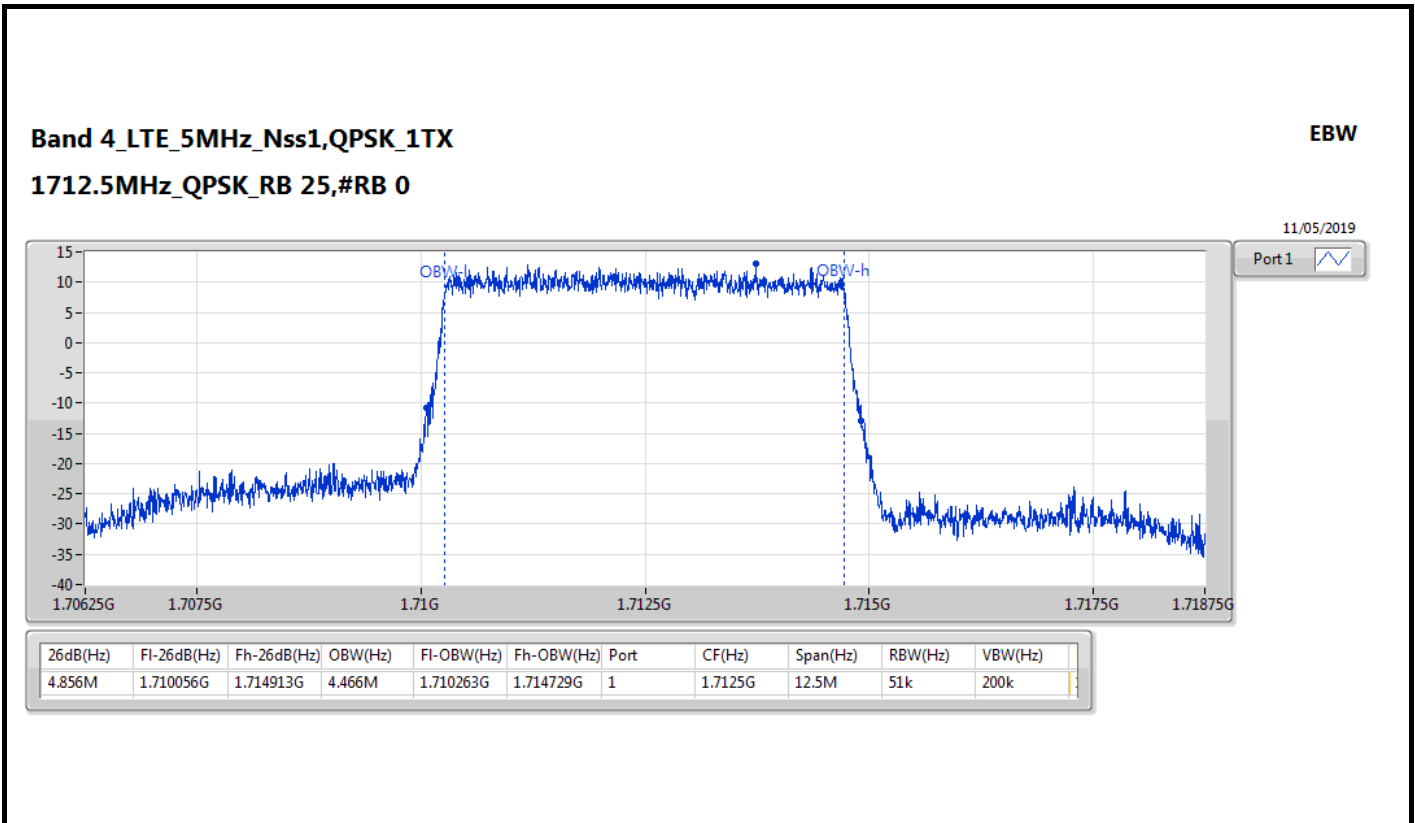


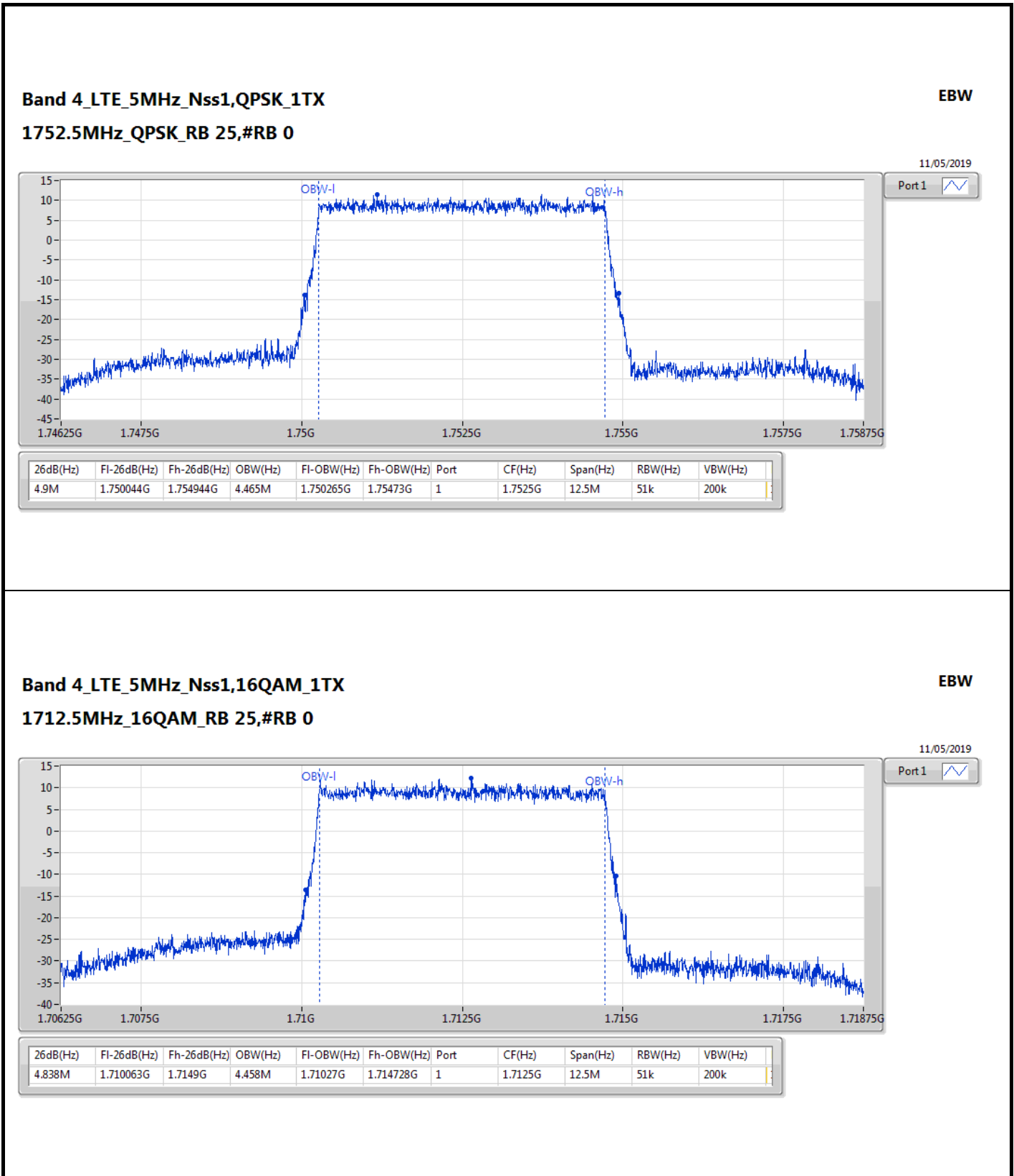










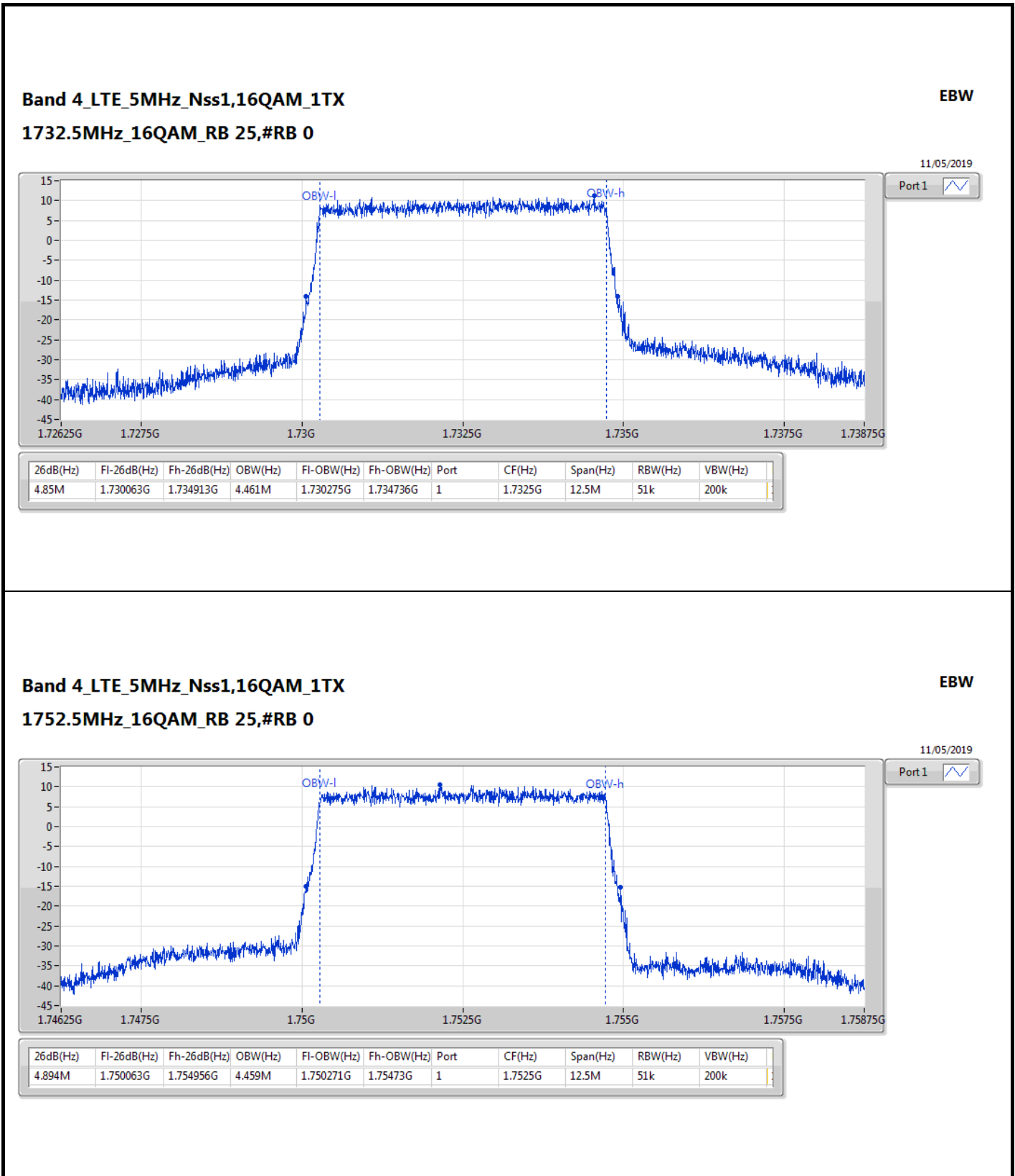


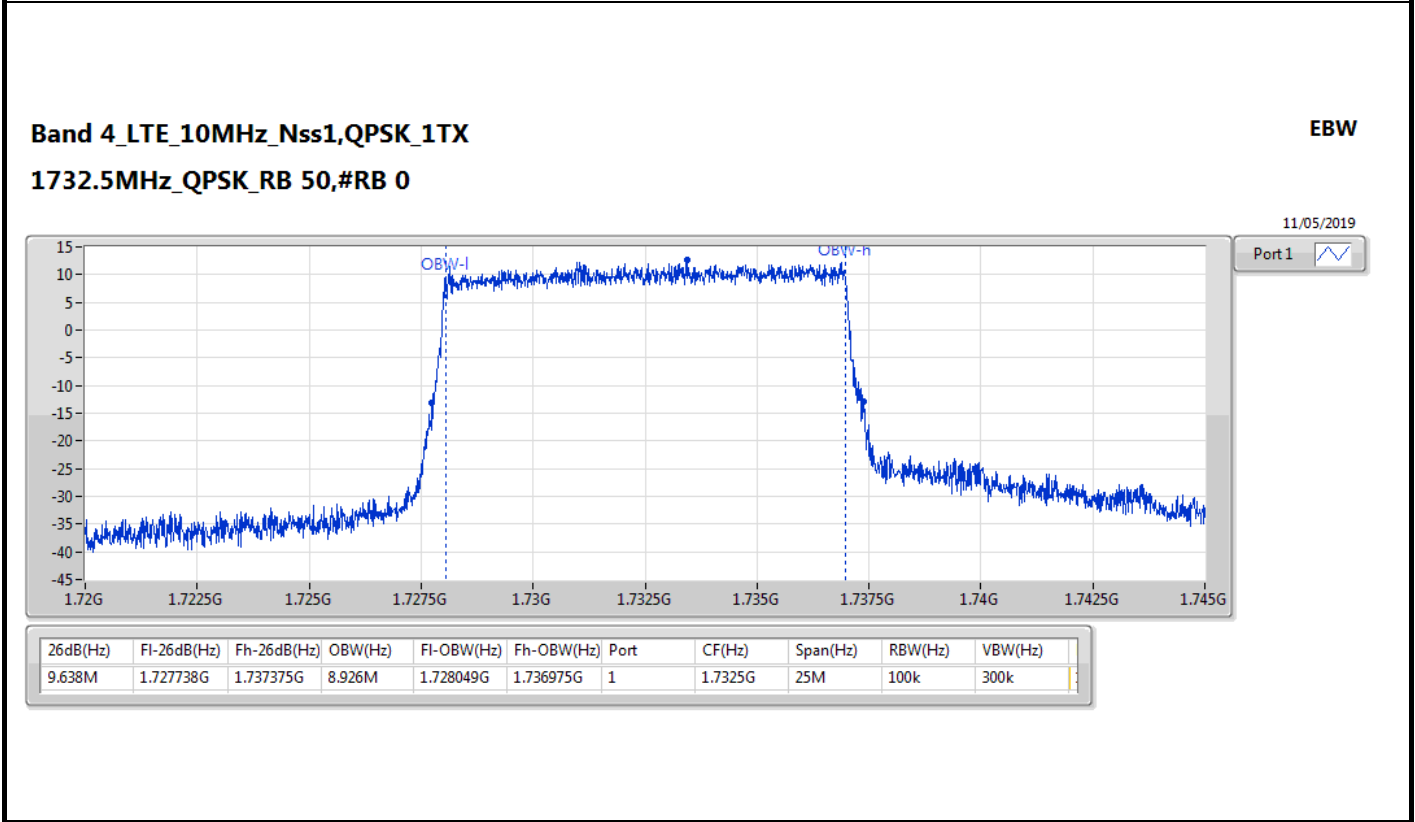
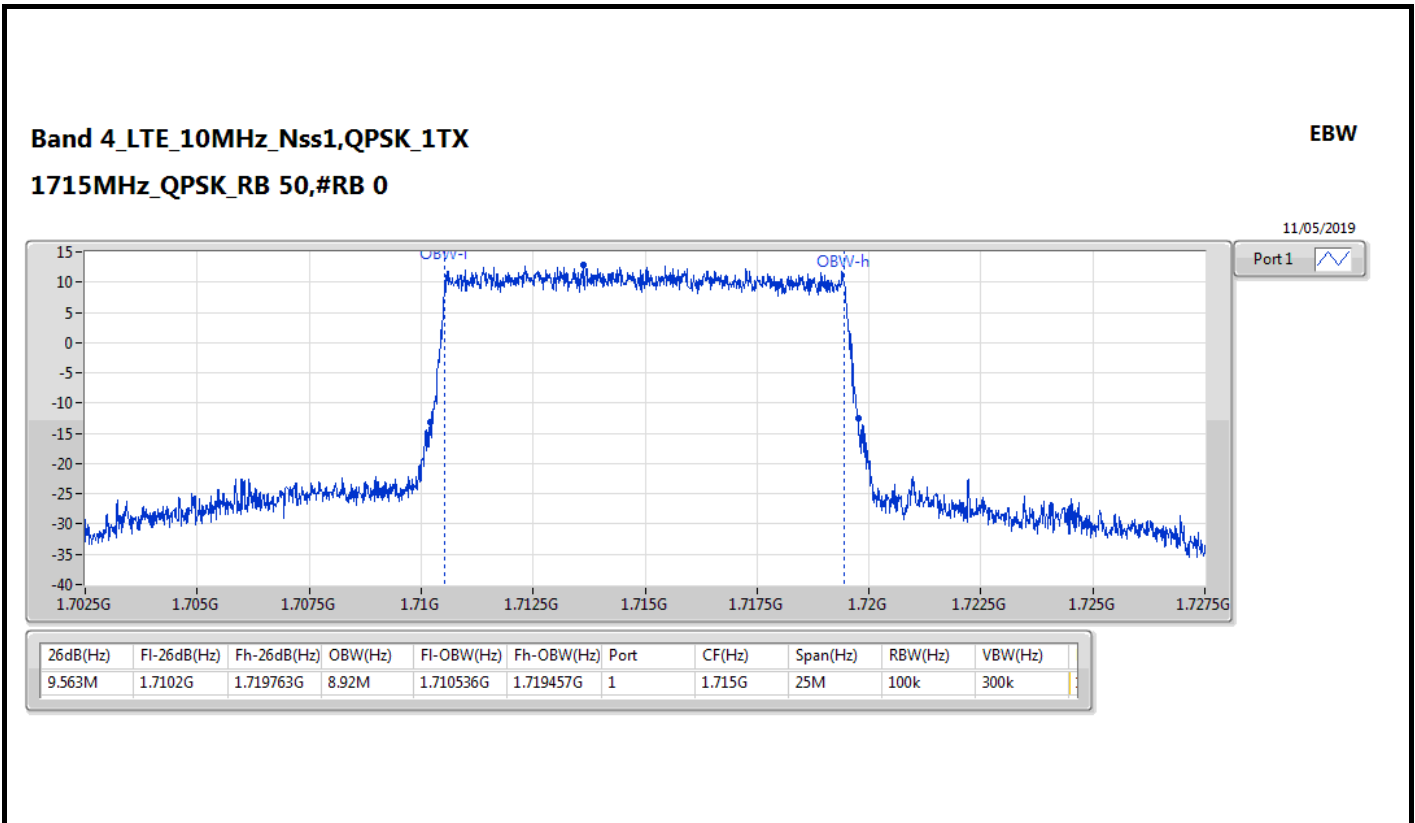
Band 4_LTE_5MHz_Nss1,16QAM_1TX
1712.5MHz_16QAM_RB 25,#RB 0

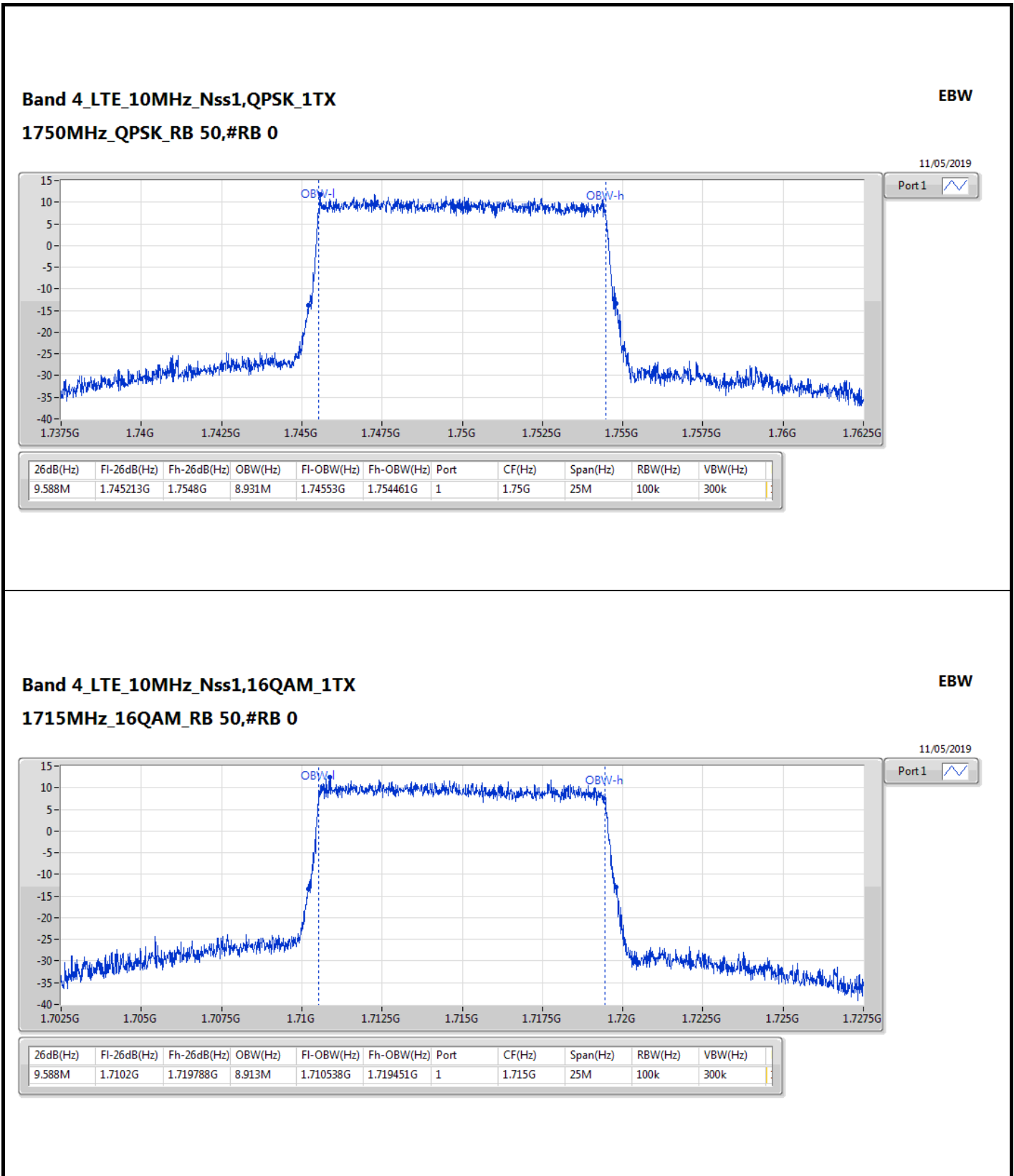
EBW

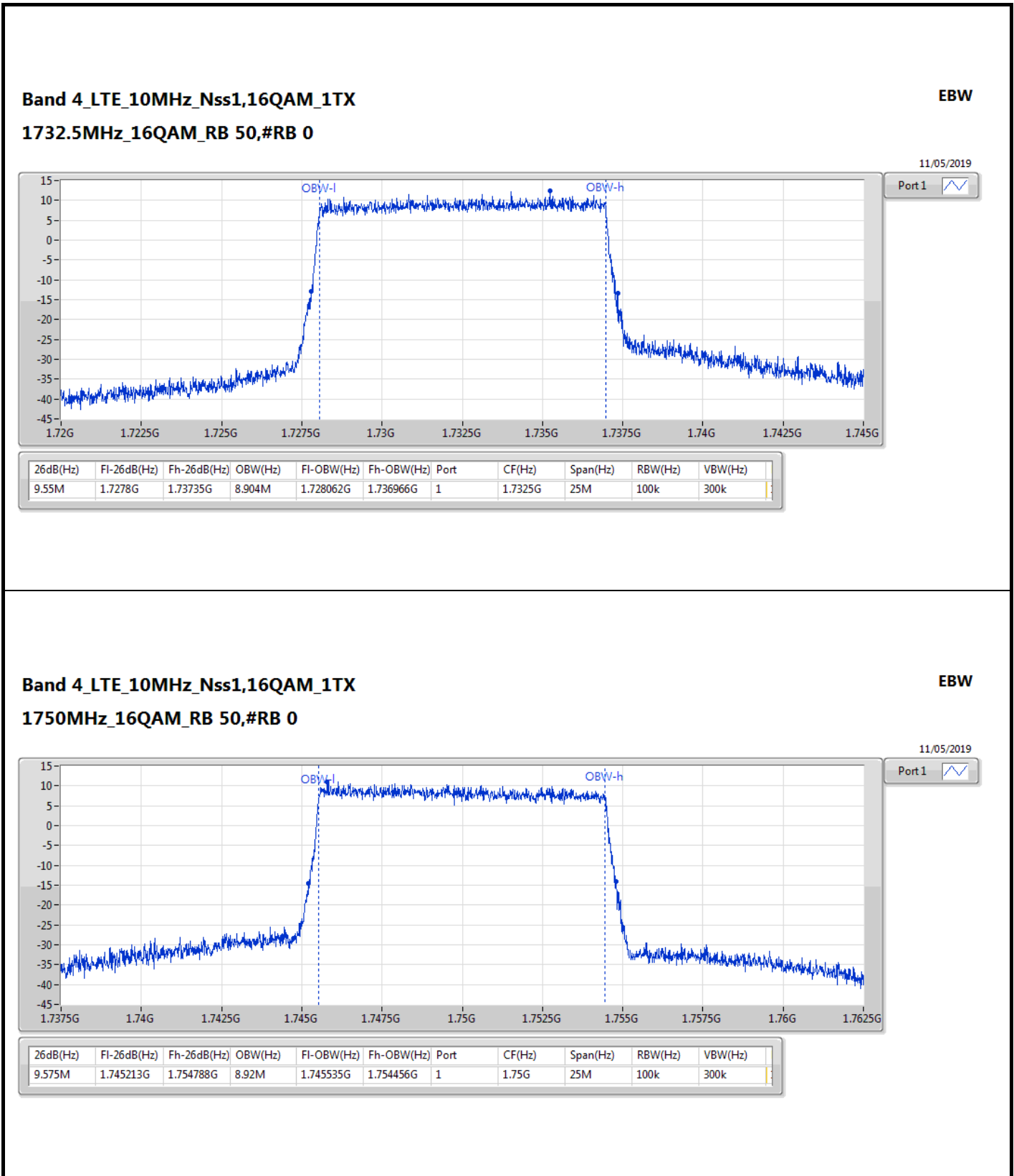
11/05/2019

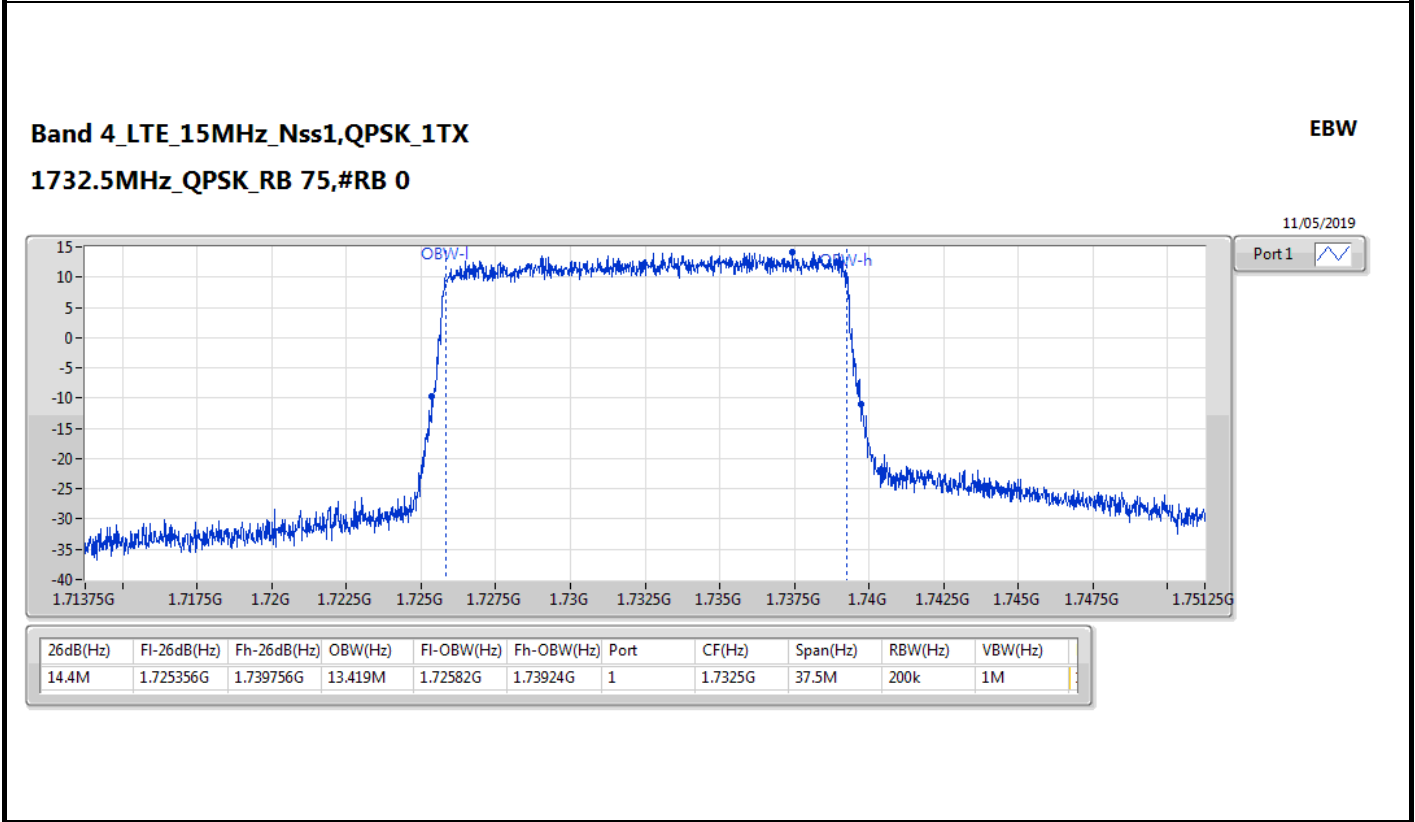
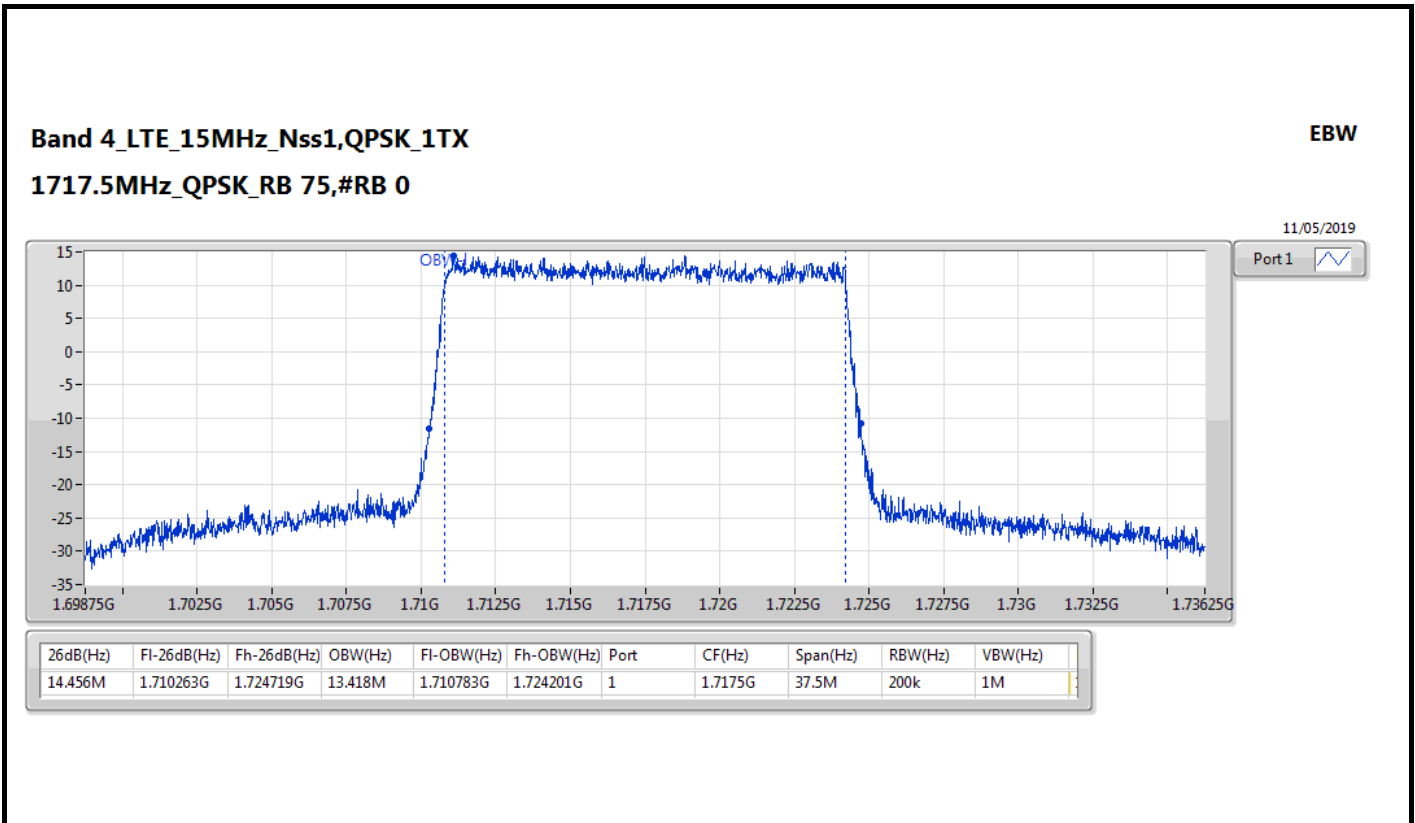
Port 1 

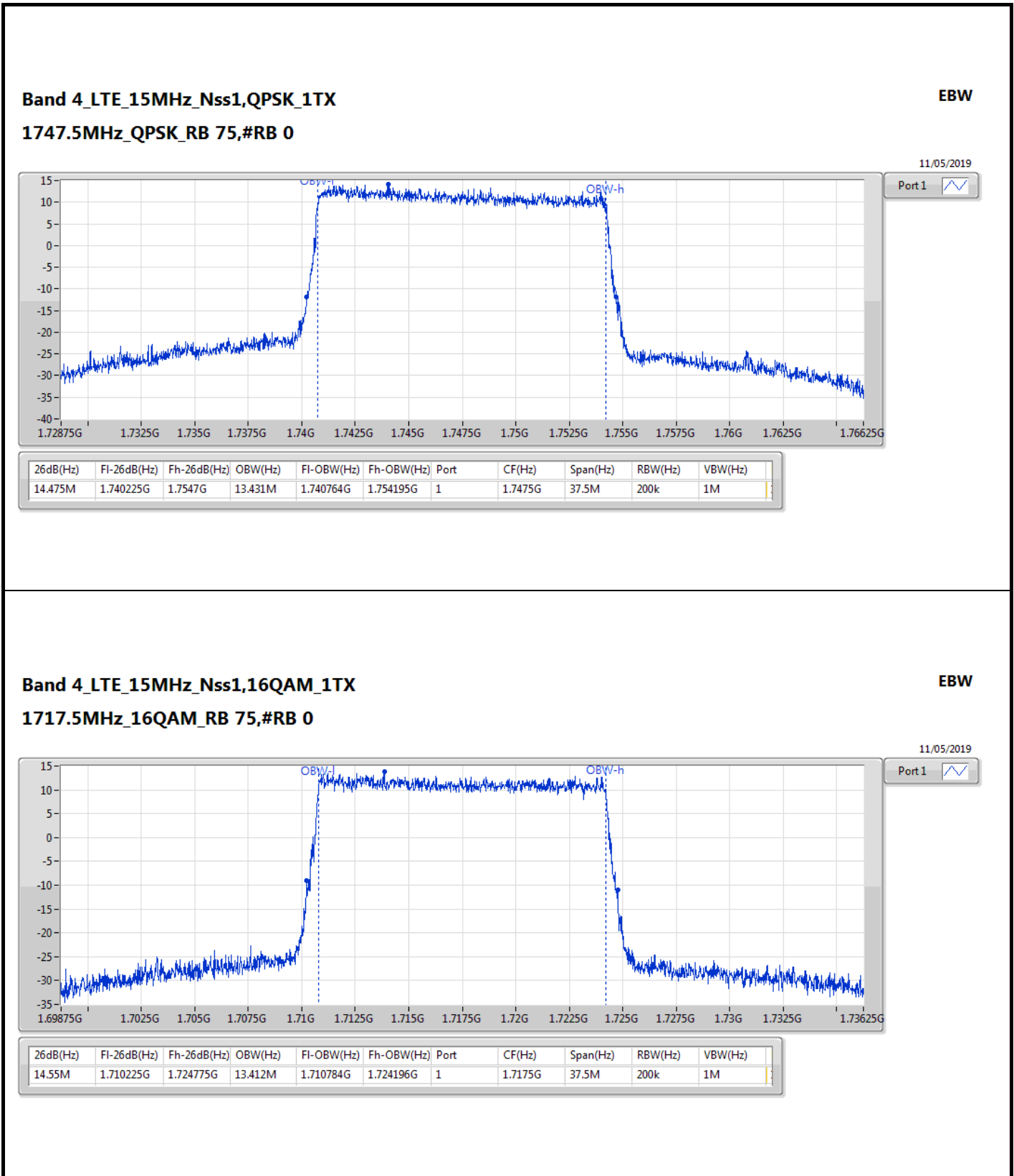








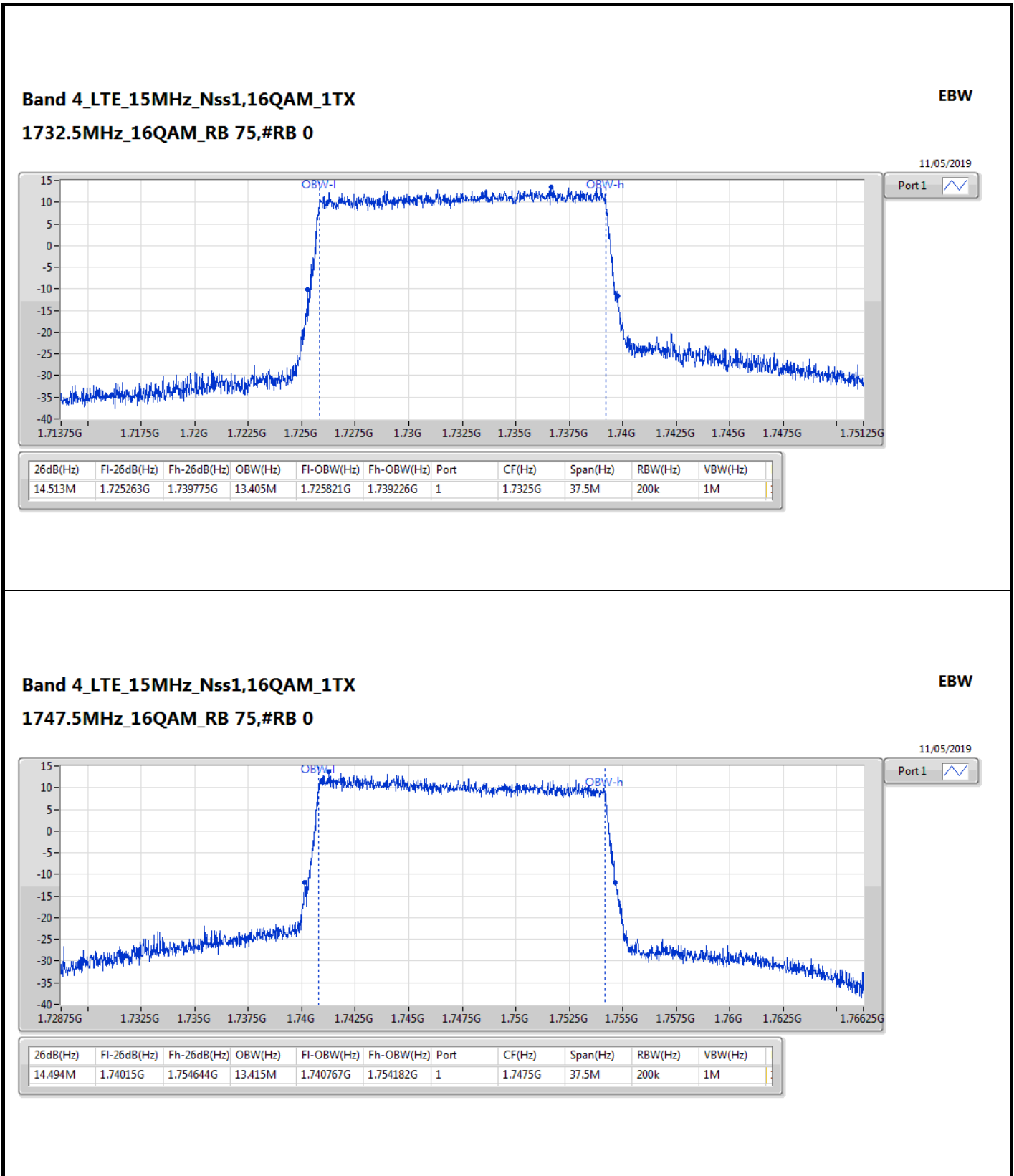


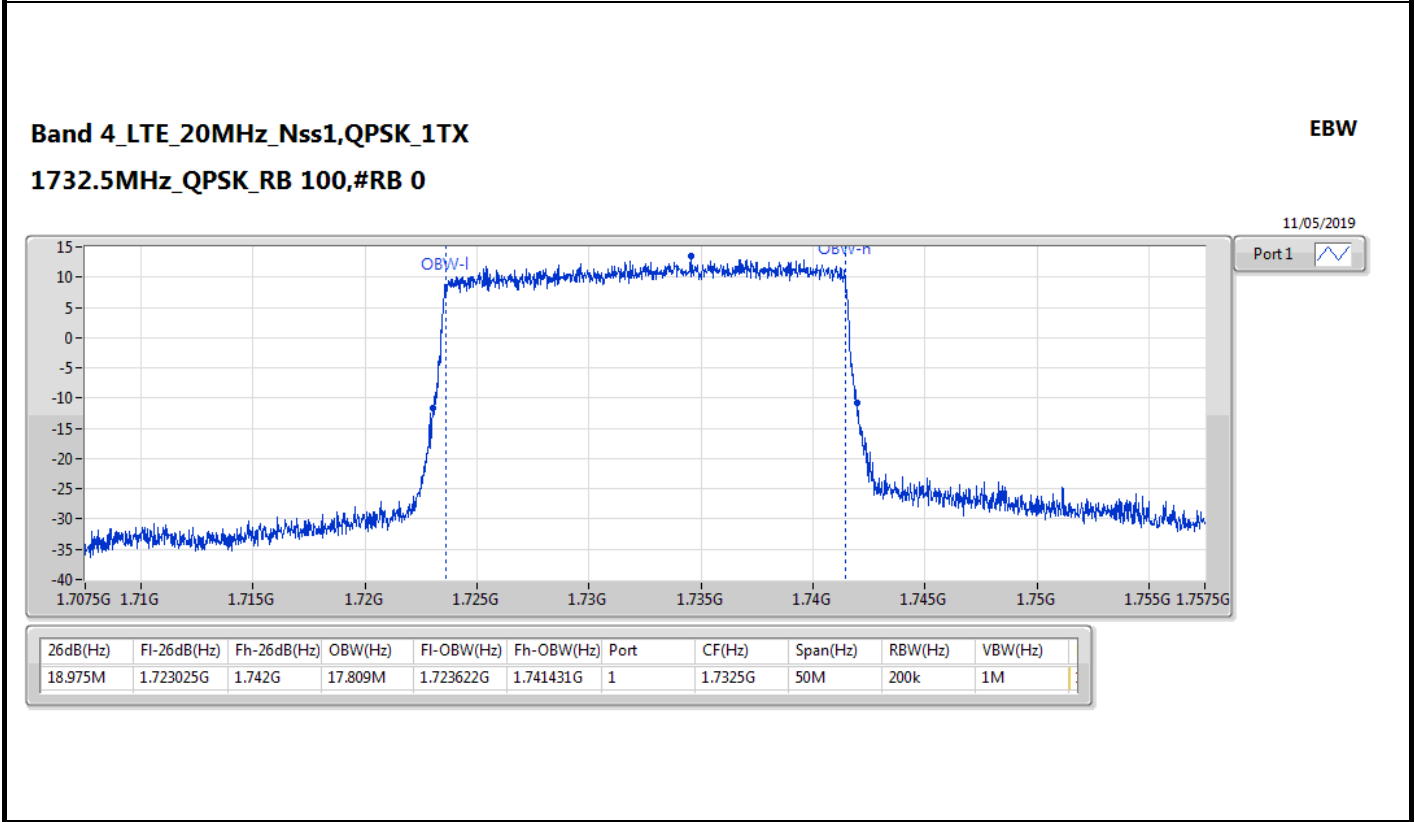
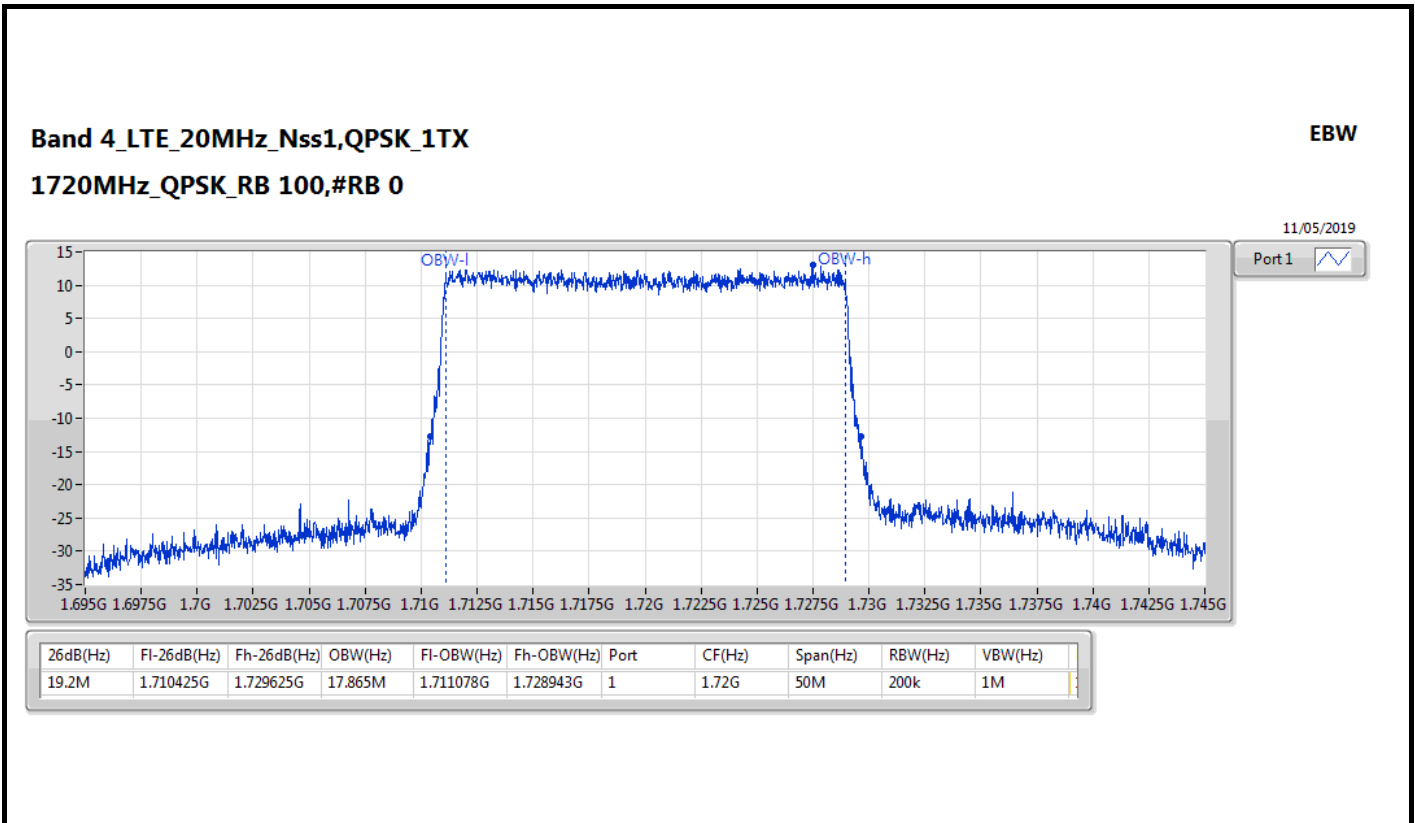


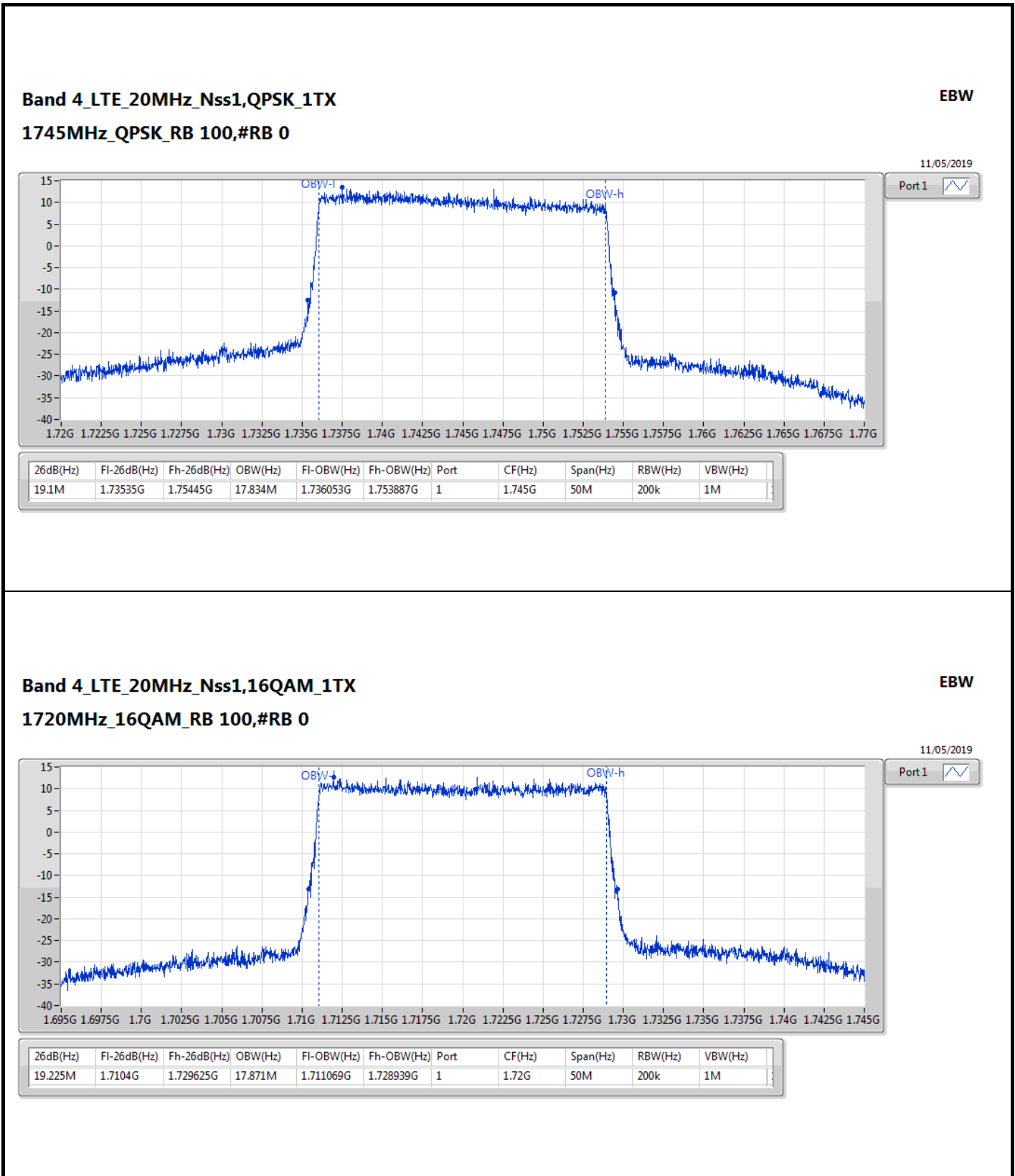
Band 4_LTE_15MHz_Nss1,16QAM_1TX
1717.5MHz_16QAM_RB 75,#RB 0

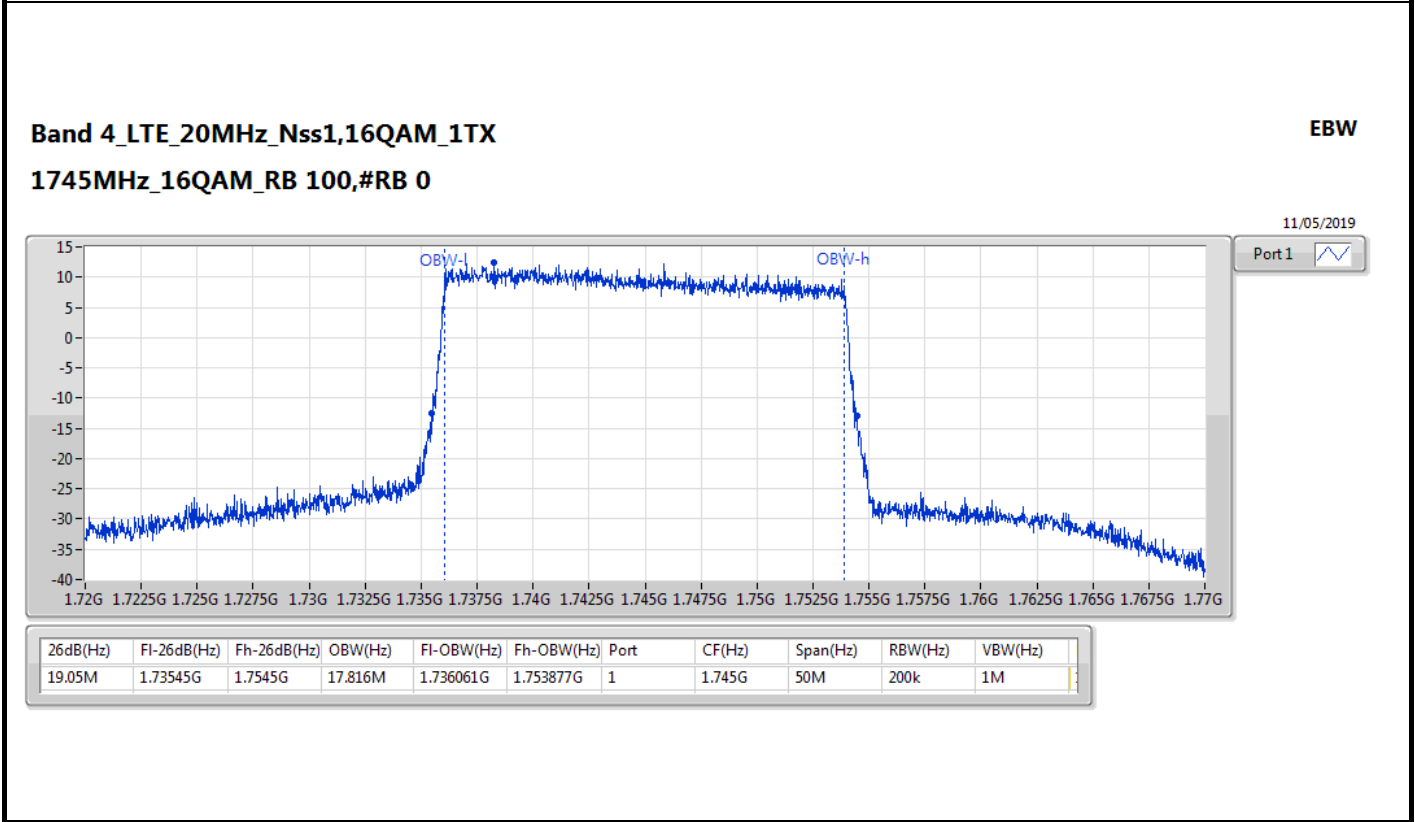
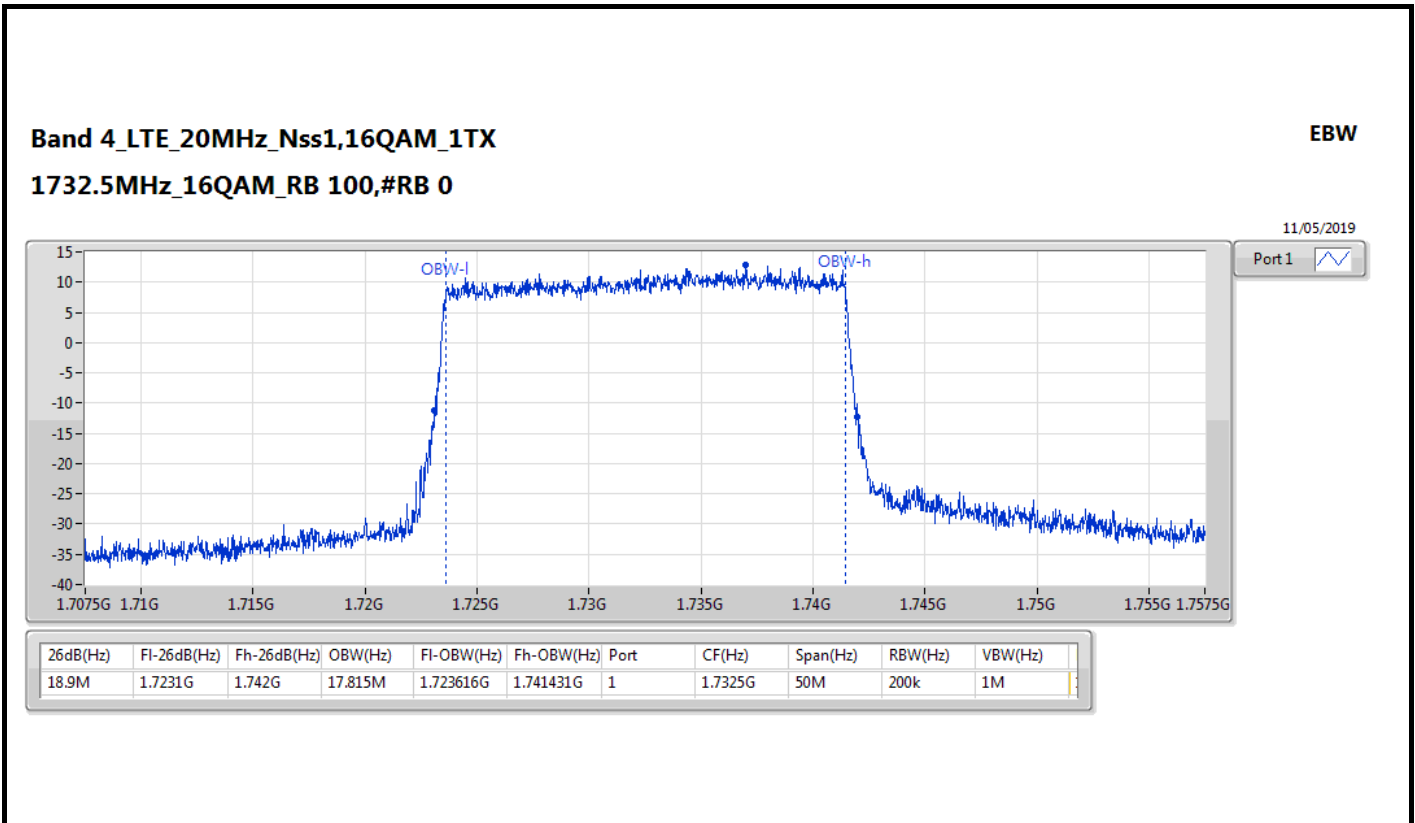
EBW

11/05/2019
 Port 1 











<Mode 6> EUT 2 + LTE Band 5 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 5	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.209M	1.081M	1M08G7D	1.209M	1.081M
LTE_1.4MHz_Nss1,16QAM_1TX	1.209M	1.081M	1M08W7D	1.209M	1.081M
LTE_3MHz_Nss1,QPSK_1TX	2.929M	2.679M	2M68G7D	2.895M	2.677M
LTE_3MHz_Nss1,16QAM_1TX	2.918M	2.677M	2M68W7D	2.899M	2.674M
LTE_5MHz_Nss1,QPSK_1TX	4.9M	4.471M	4M47G7D	4.888M	4.456M
LTE_5MHz_Nss1,16QAM_1TX	4.881M	4.465M	4M47W7D	4.838M	4.461M
LTE_10MHz_Nss1,QPSK_1TX	9.588M	8.929M	8M93G7D	9.55M	8.913M
LTE_10MHz_Nss1,16QAM_1TX	9.588M	8.917M	8M92W7D	9.55M	8.899M

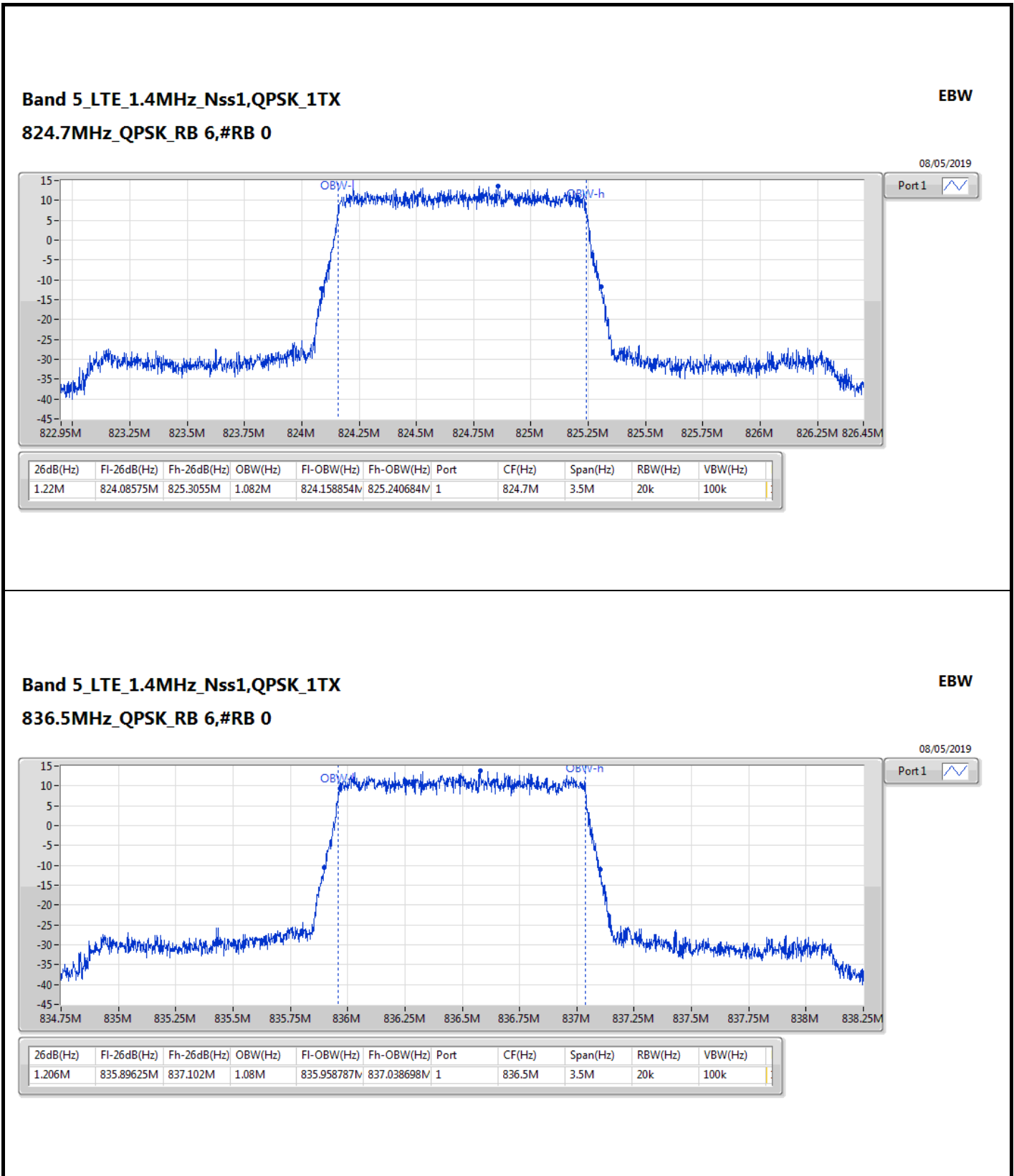
Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

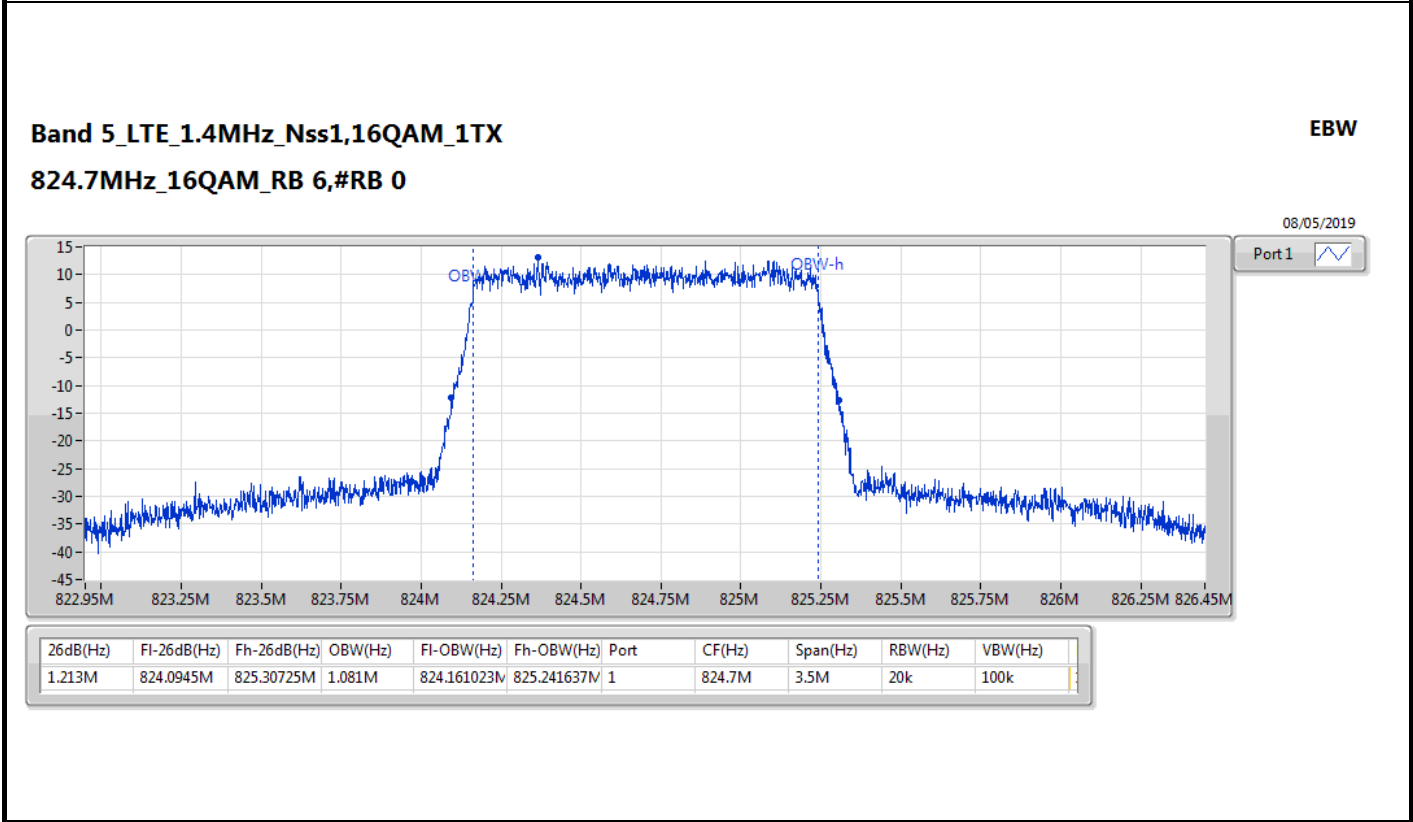
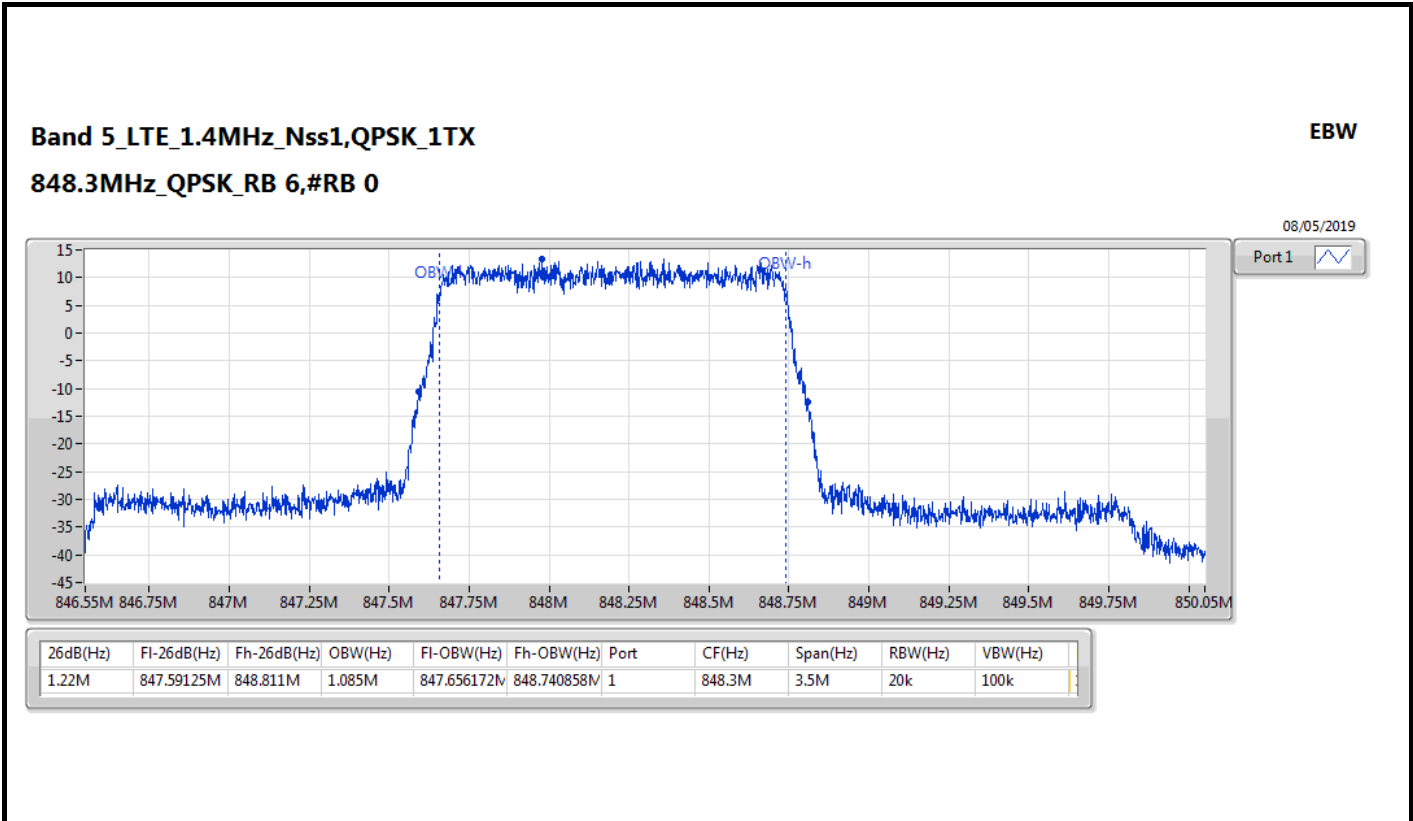


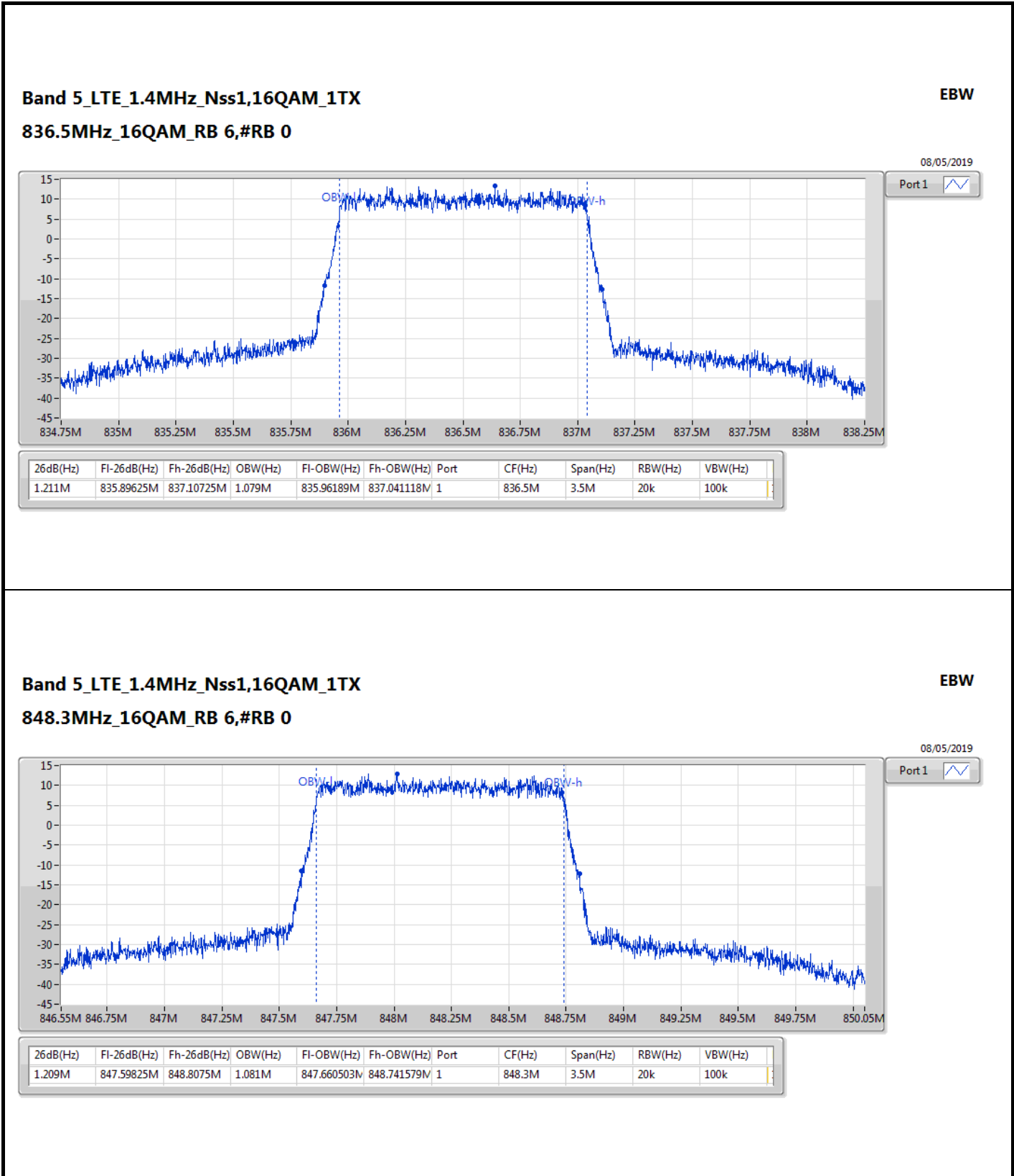
Result

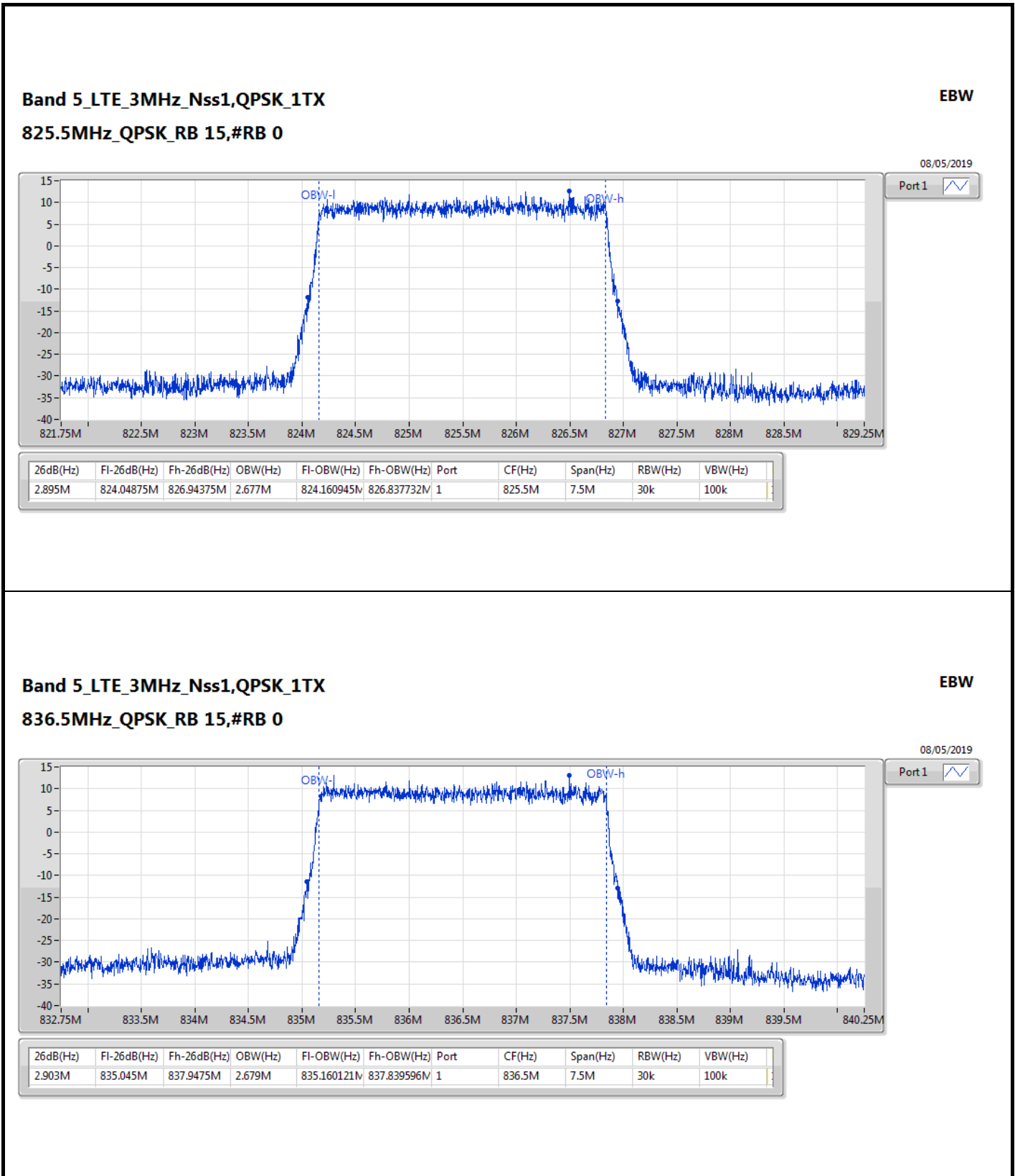
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
836.5MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
848.3MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
836.5MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
848.3MHz_RB 6,#RB 0	Pass	Inf	1.209M	1.081M
Band 5_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	Inf	2.895M	2.677M
836.5MHz_RB 15,#RB 0	Pass	Inf	2.903M	2.679M
847.5MHz_RB 15,#RB 0	Pass	Inf	2.929M	2.679M
Band 5_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	Inf	2.918M	2.677M
836.5MHz_RB 15,#RB 0	Pass	Inf	2.899M	2.674M
847.5MHz_RB 15,#RB 0	Pass	Inf	2.918M	2.677M
Band 5_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	Inf	4.888M	4.456M
836.5MHz_RB 25,#RB 0	Pass	Inf	4.9M	4.471M
846.5MHz_RB 25,#RB 0	Pass	Inf	4.888M	4.461M
Band 5_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	Inf	4.863M	4.464M
836.5MHz_RB 25,#RB 0	Pass	Inf	4.881M	4.465M
846.5MHz_RB 25,#RB 0	Pass	Inf	4.838M	4.461M
Band 5_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-
829MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.916M
836.5MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.929M
844MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.913M
Band 5_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-
829MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.899M
836.5MHz_RB 50,#RB 0	Pass	Inf	9.575M	8.914M
844MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.917M

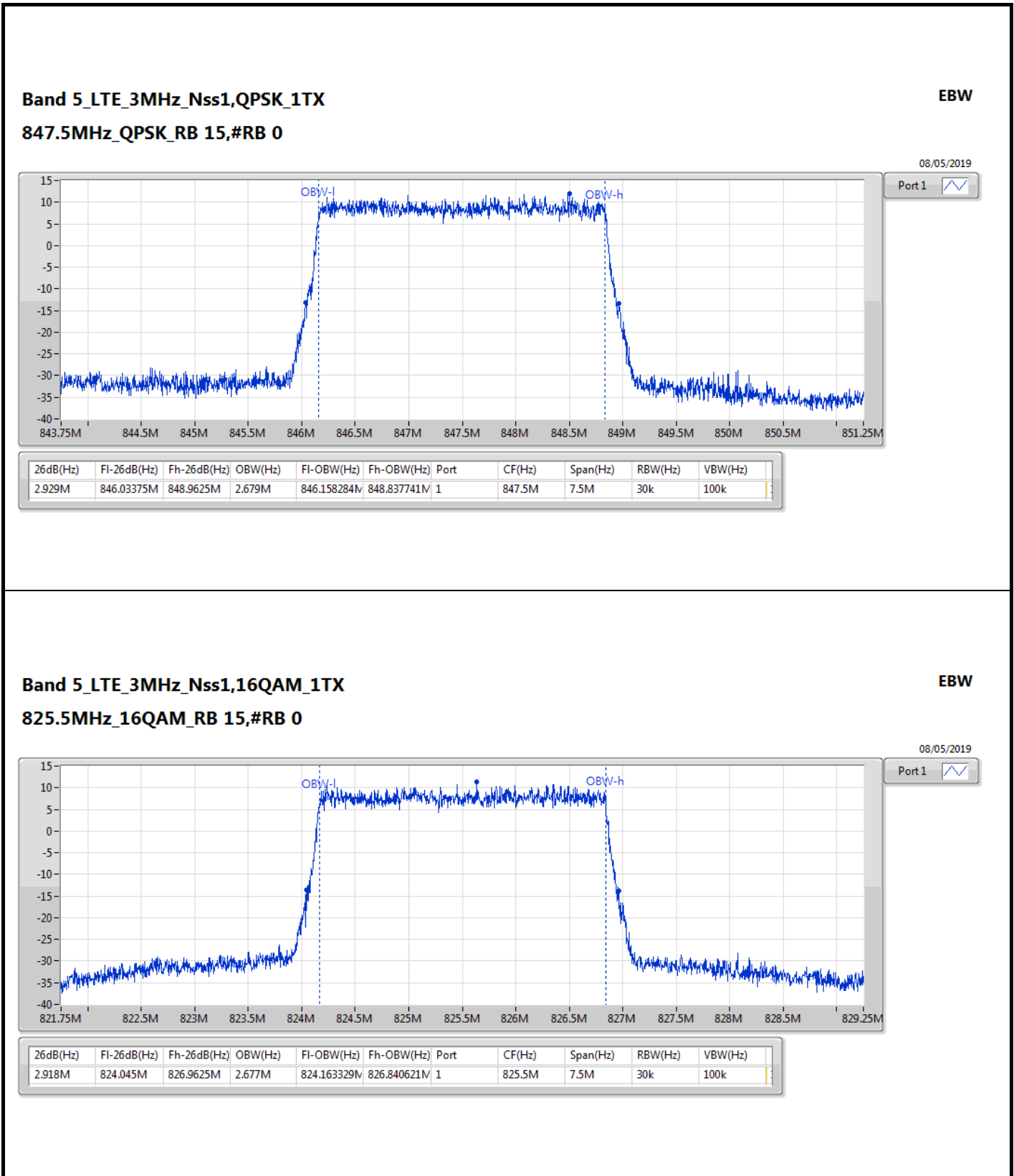
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

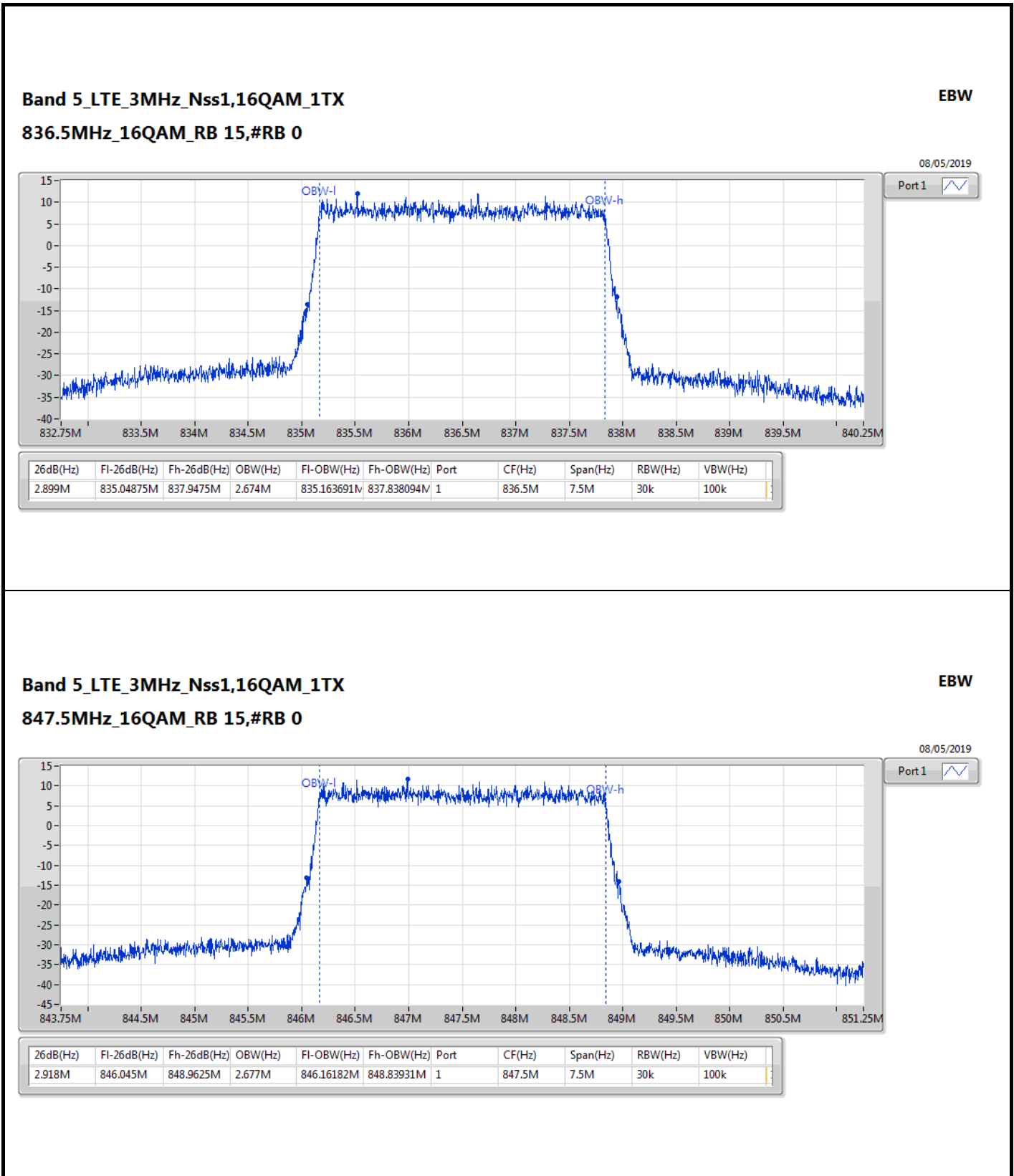


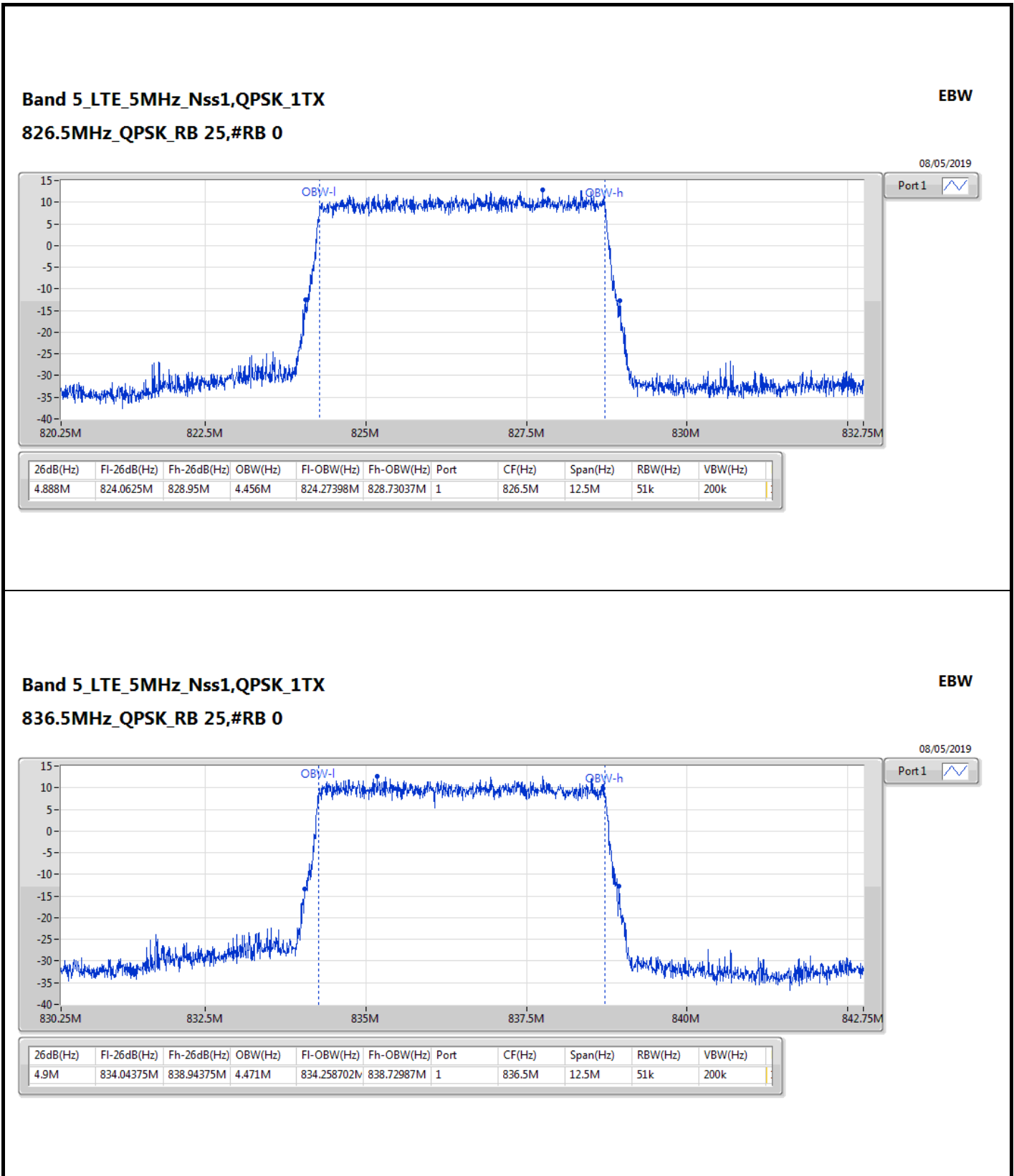


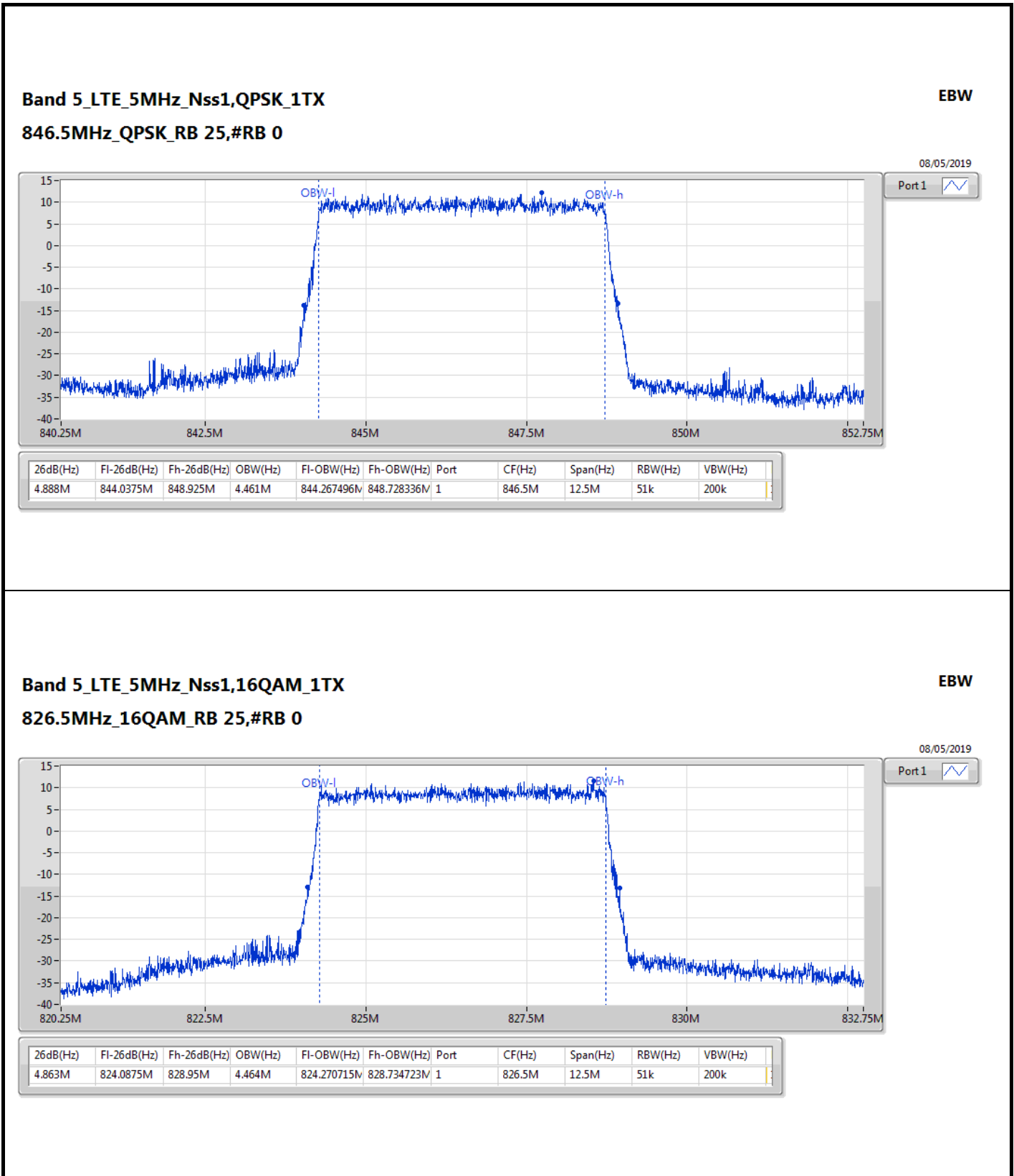


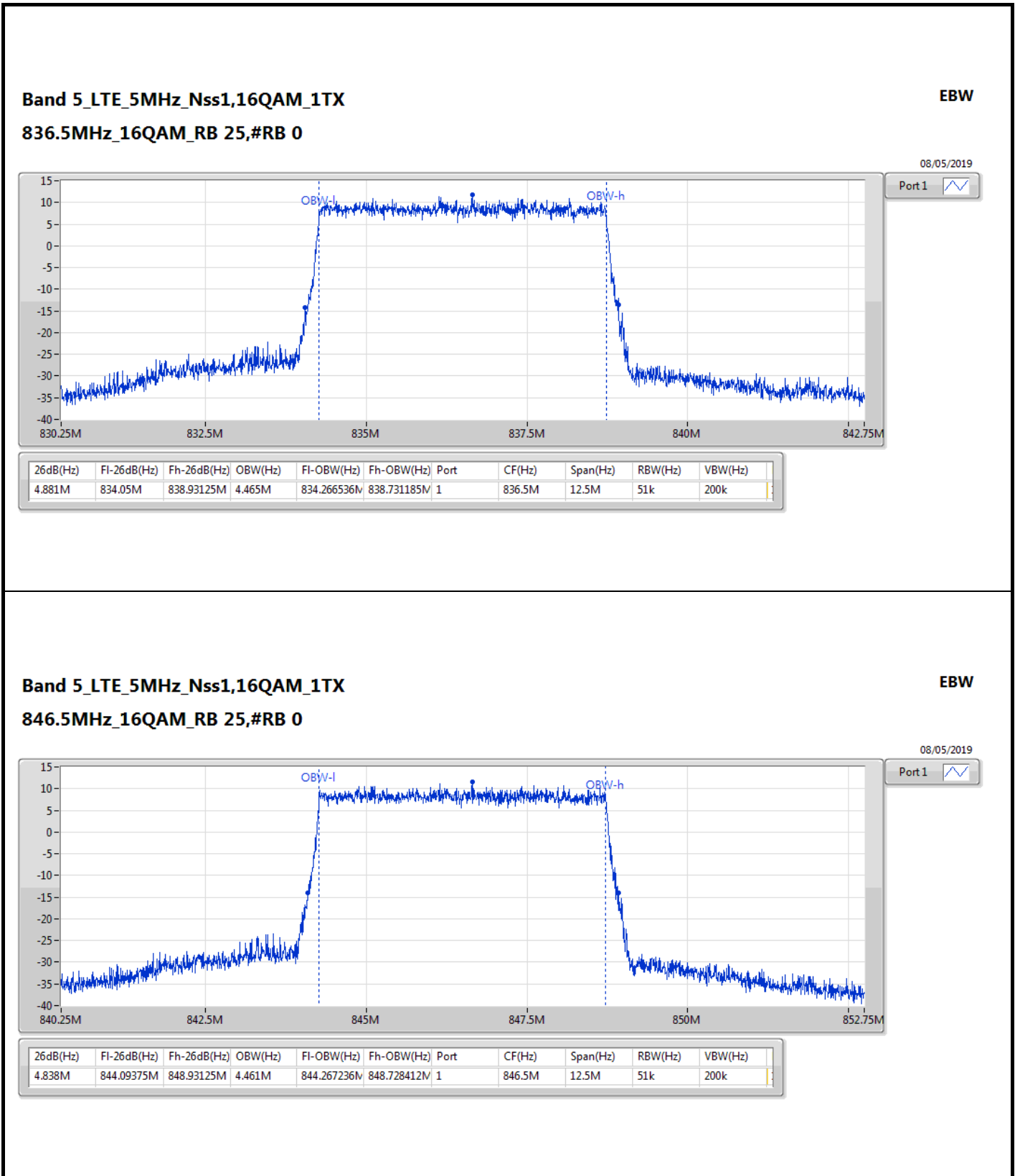










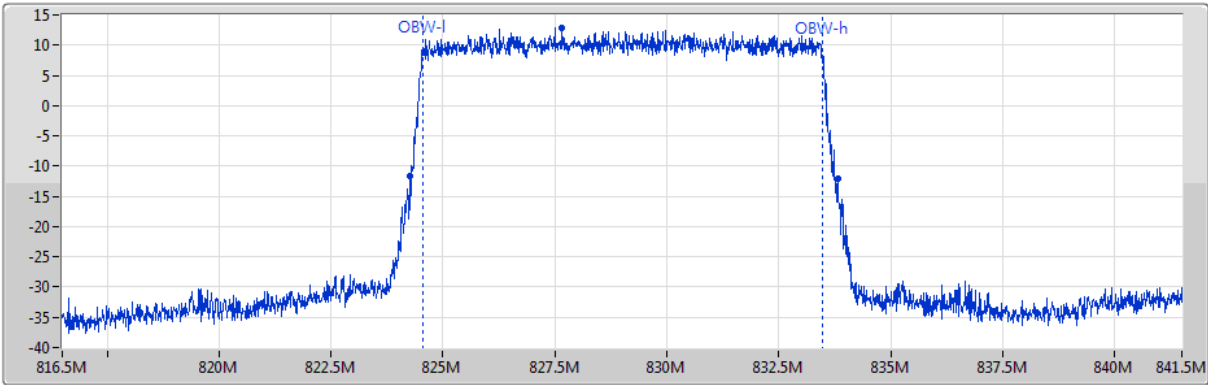


Band 5_LTE_10MHz_Nss1,QPSK_1TX

EBW

829MHz_QPSK_RB 50,#RB 0

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Port 1 

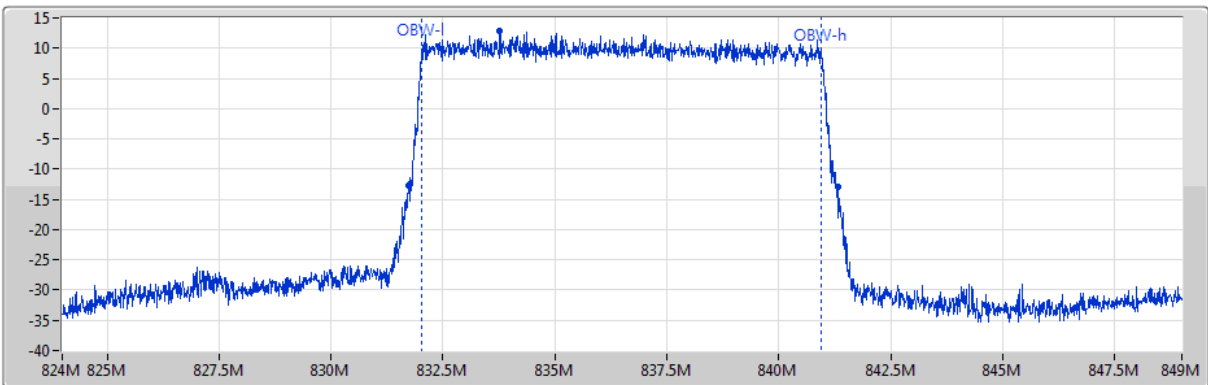
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
9.55M	824.2625M	833.8125M	8.916M	824.54629M	833.462758M	1	829M	25M	100k	300k

Band 5_LTE_10MHz_Nss1,QPSK_1TX

EBW

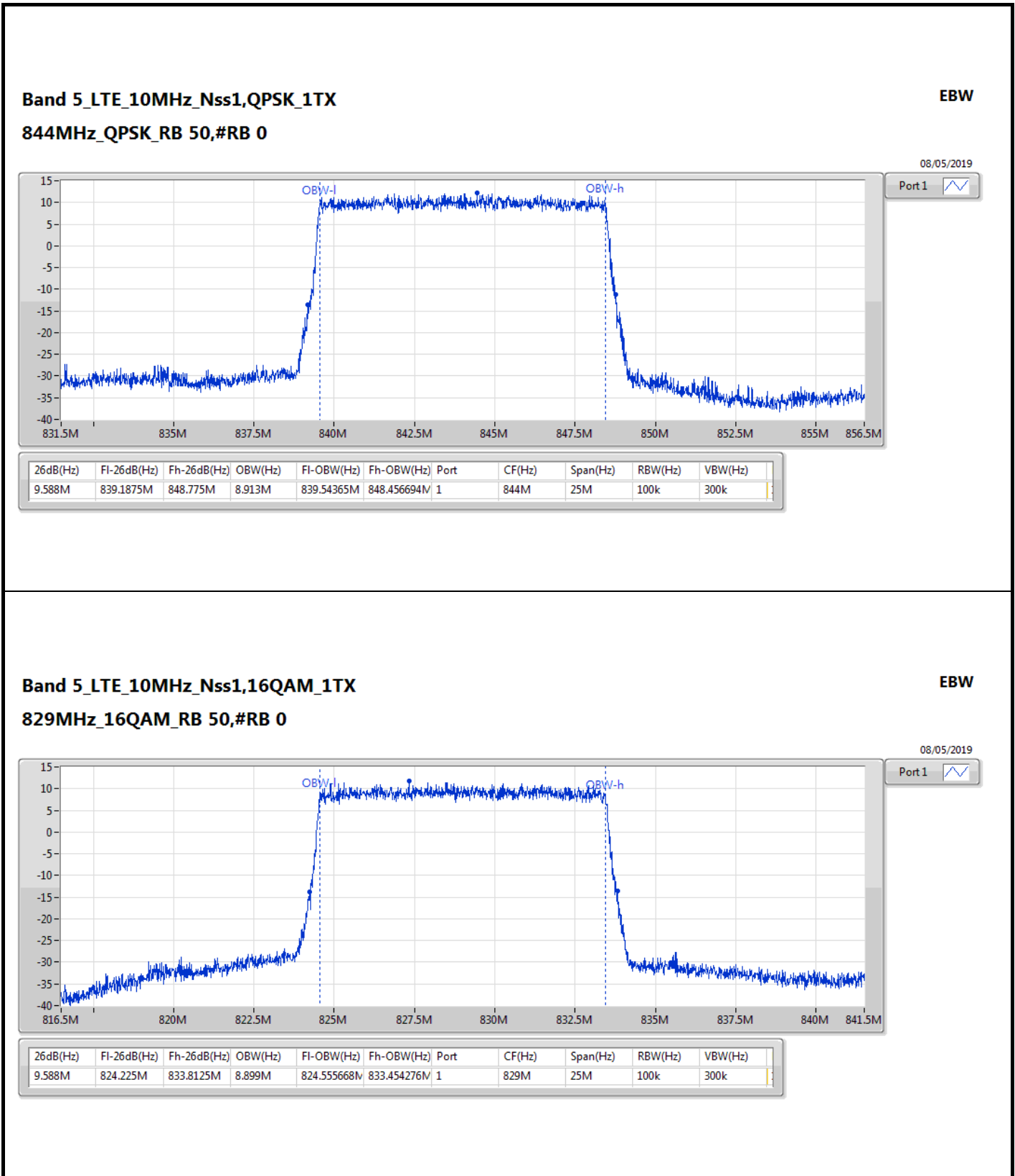
836.5MHz_QPSK_RB 50,#RB 0

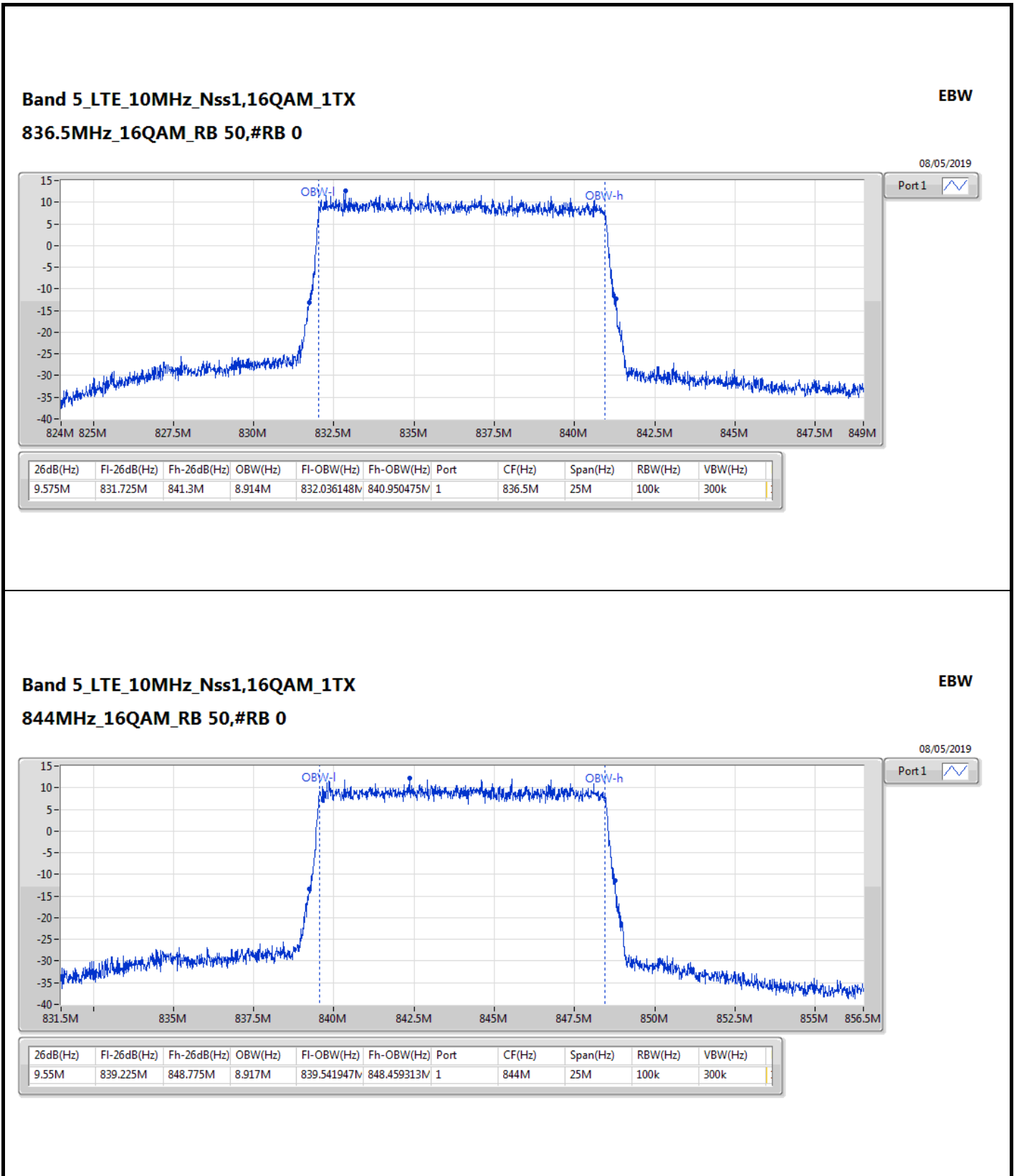
08/05/2019



Port 1 

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)
9.588M	831.7375M	841.325M	8.929M	832.030232M	840.958911M	1	836.5M	25M	100k	300k







<Mode 7> EUT 2 + LTE Band 12 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 12	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.229M	1.083M	1M08G7D	1.222M	1.082M
LTE_1.4MHz_Nss1,16QAM_1TX	1.22M	1.083M	1M08W7D	1.211M	1.083M
LTE_3MHz_Nss1,QPSK_1TX	2.951M	2.684M	2M68G7D	2.91M	2.674M
LTE_3MHz_Nss1,16QAM_1TX	2.921M	2.681M	2M68W7D	2.921M	2.677M
LTE_5MHz_Nss1,QPSK_1TX	4.919M	4.474M	4M47G7D	4.844M	4.461M
LTE_5MHz_Nss1,16QAM_1TX	4.919M	4.464M	4M46W7D	4.863M	4.46M
LTE_10MHz_Nss1,QPSK_1TX	9.6M	8.932M	8M93G7D	9.513M	8.905M
LTE_10MHz_Nss1,16QAM_1TX	9.55M	8.915M	8M92W7D	9.538M	8.888M

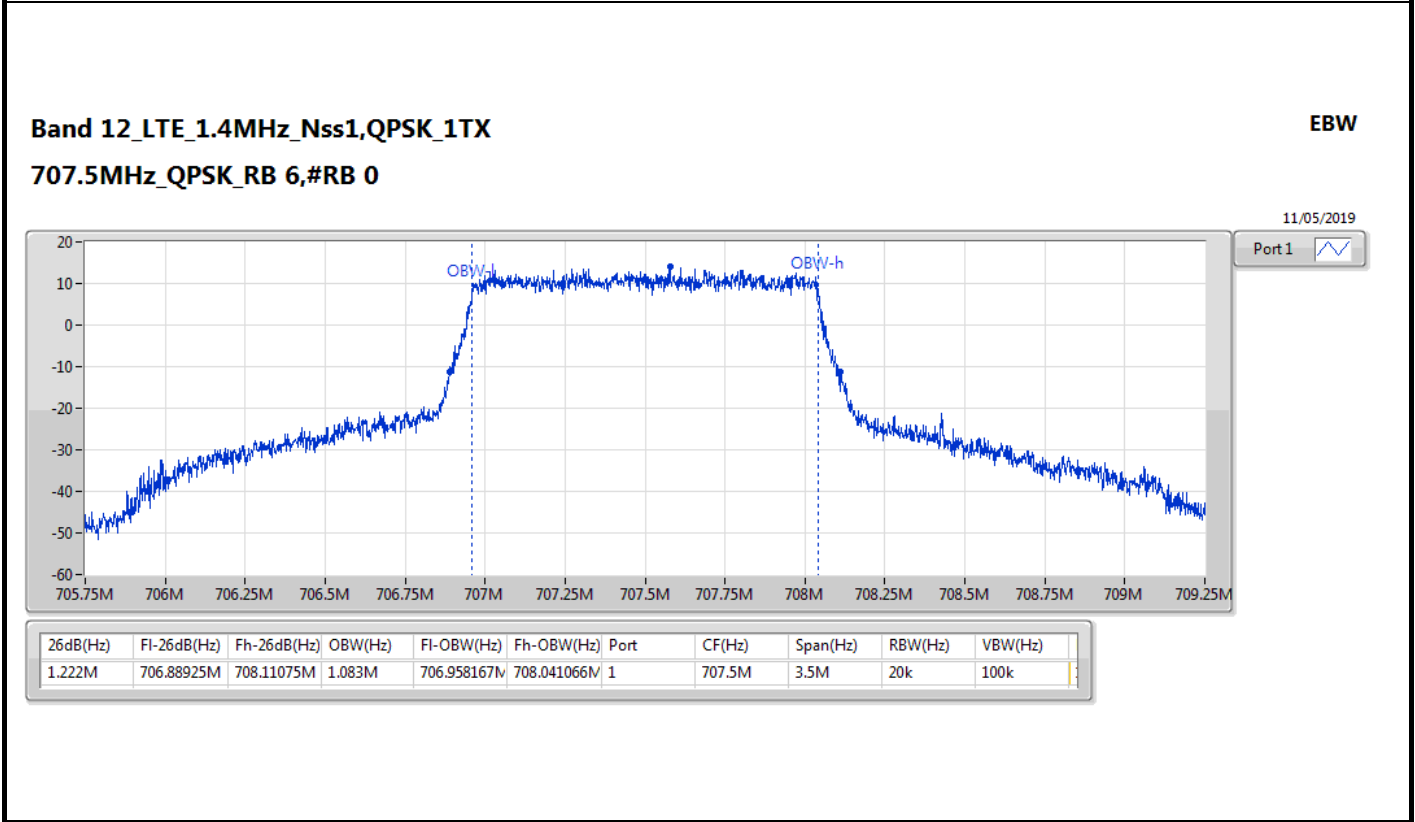
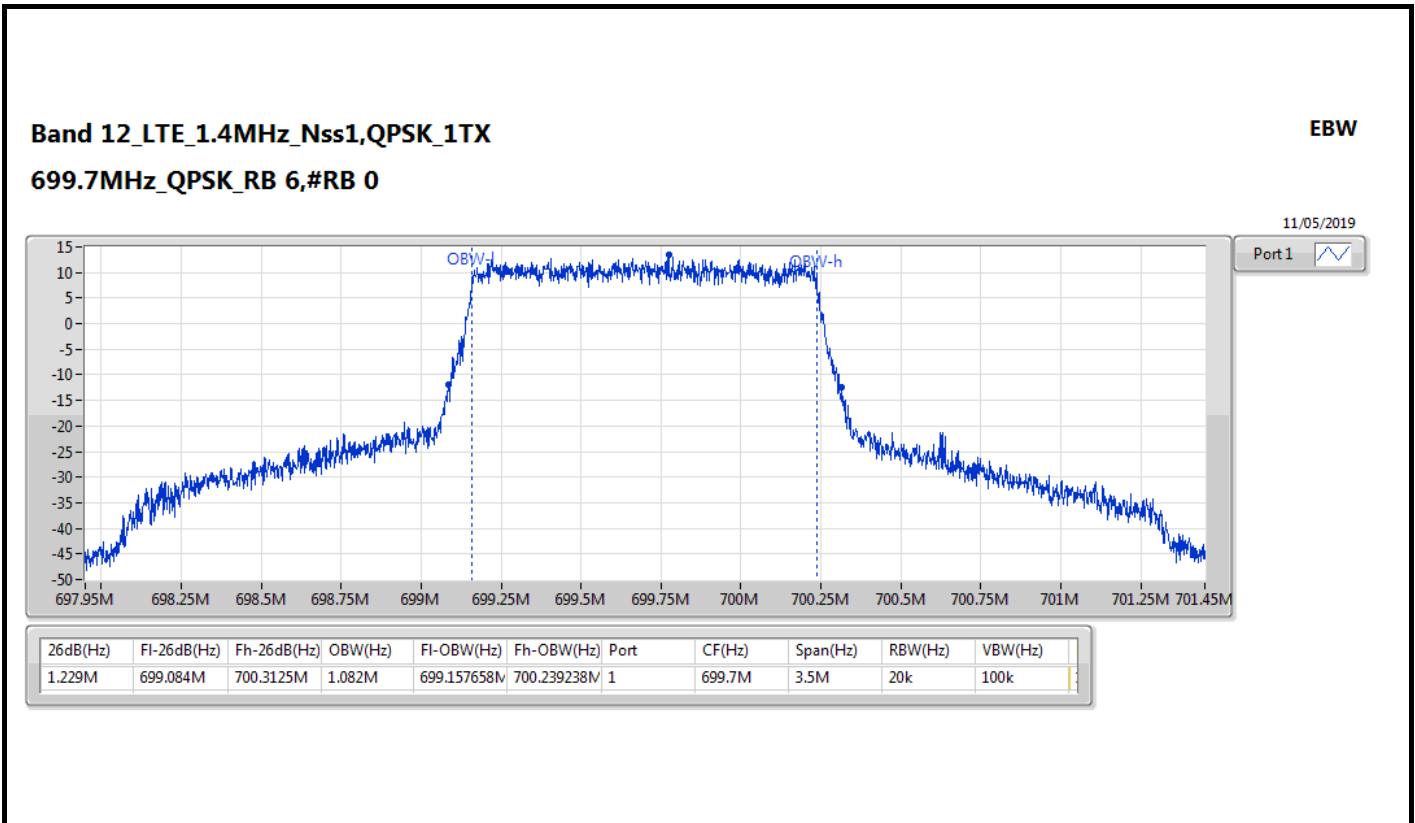
Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

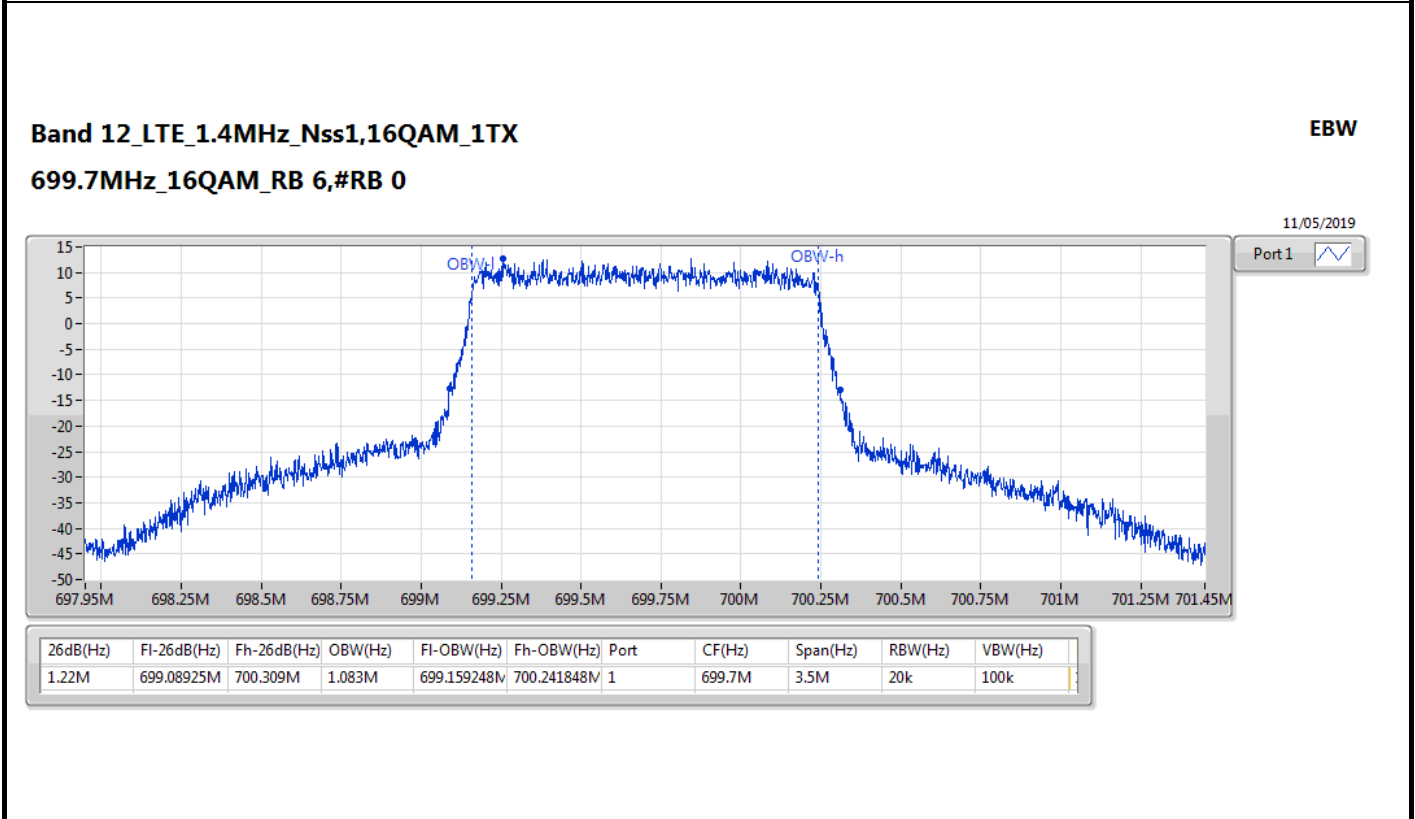
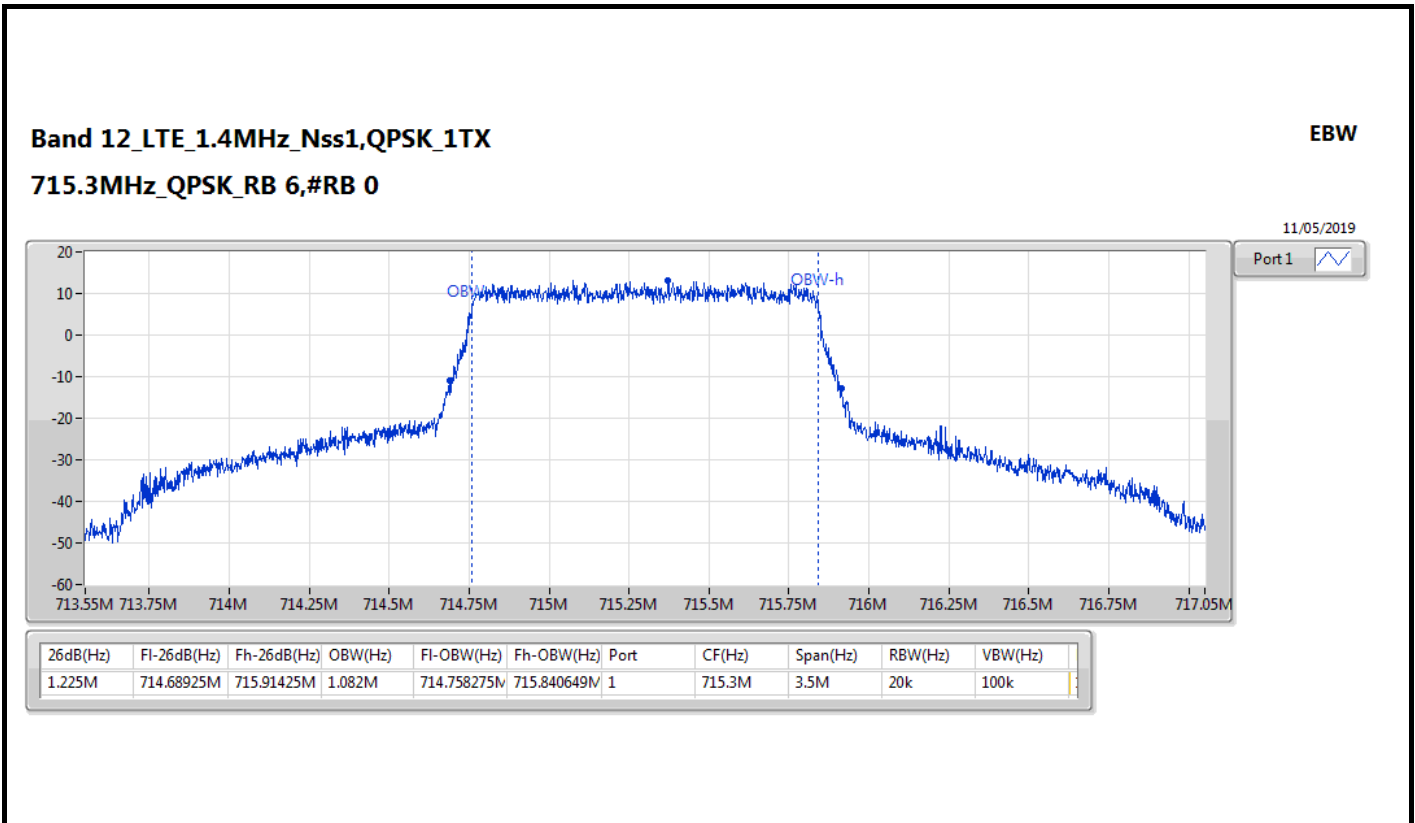


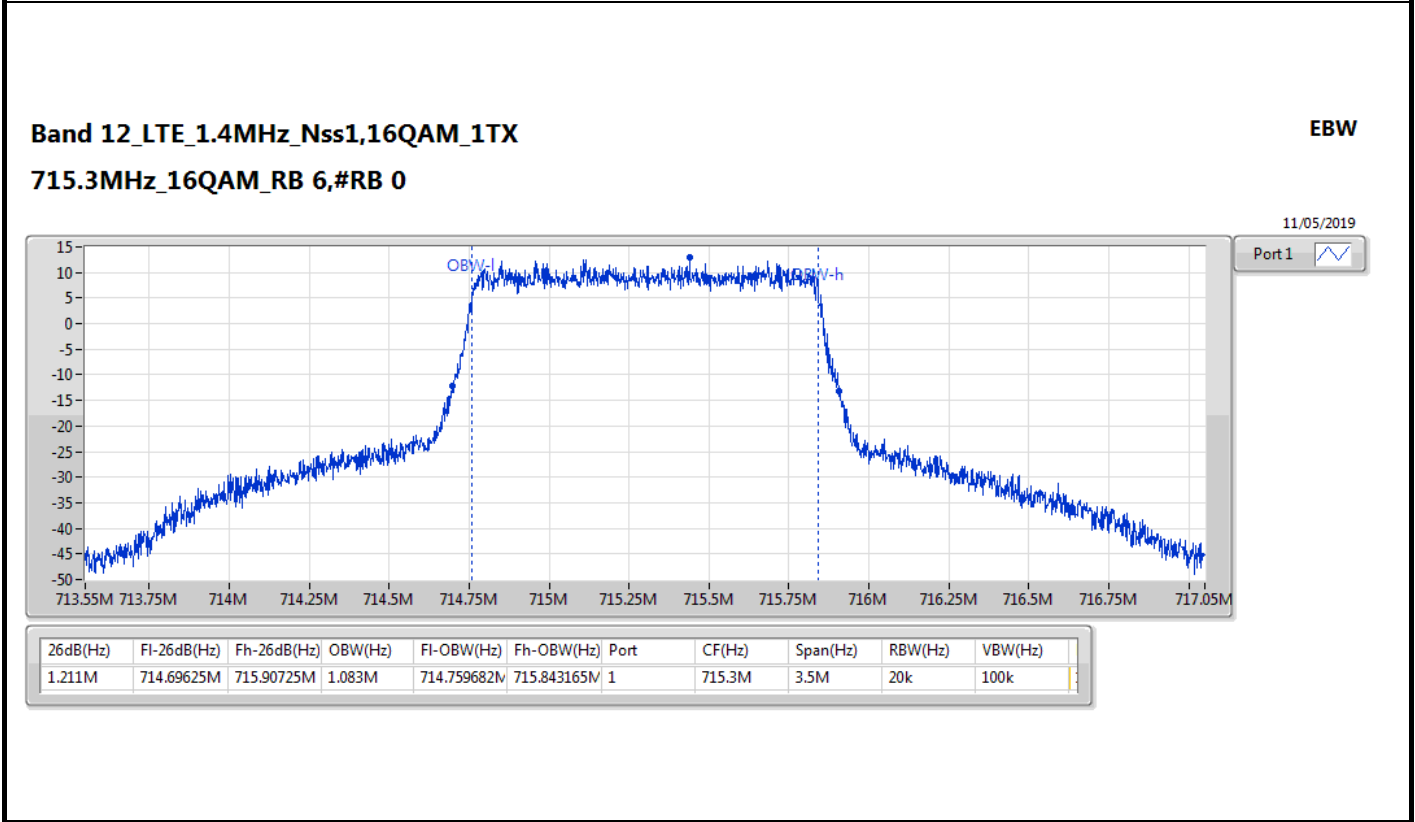
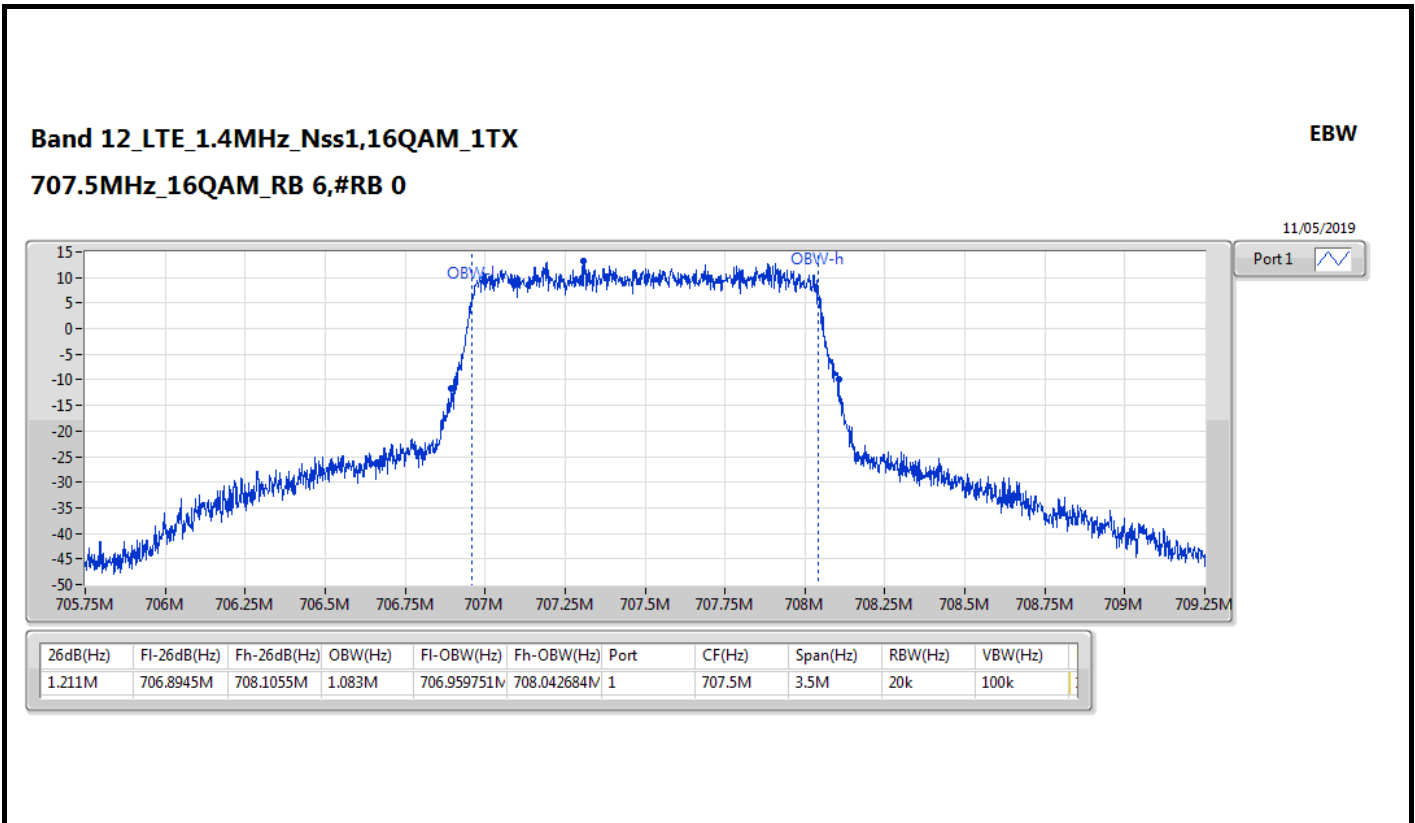
Result

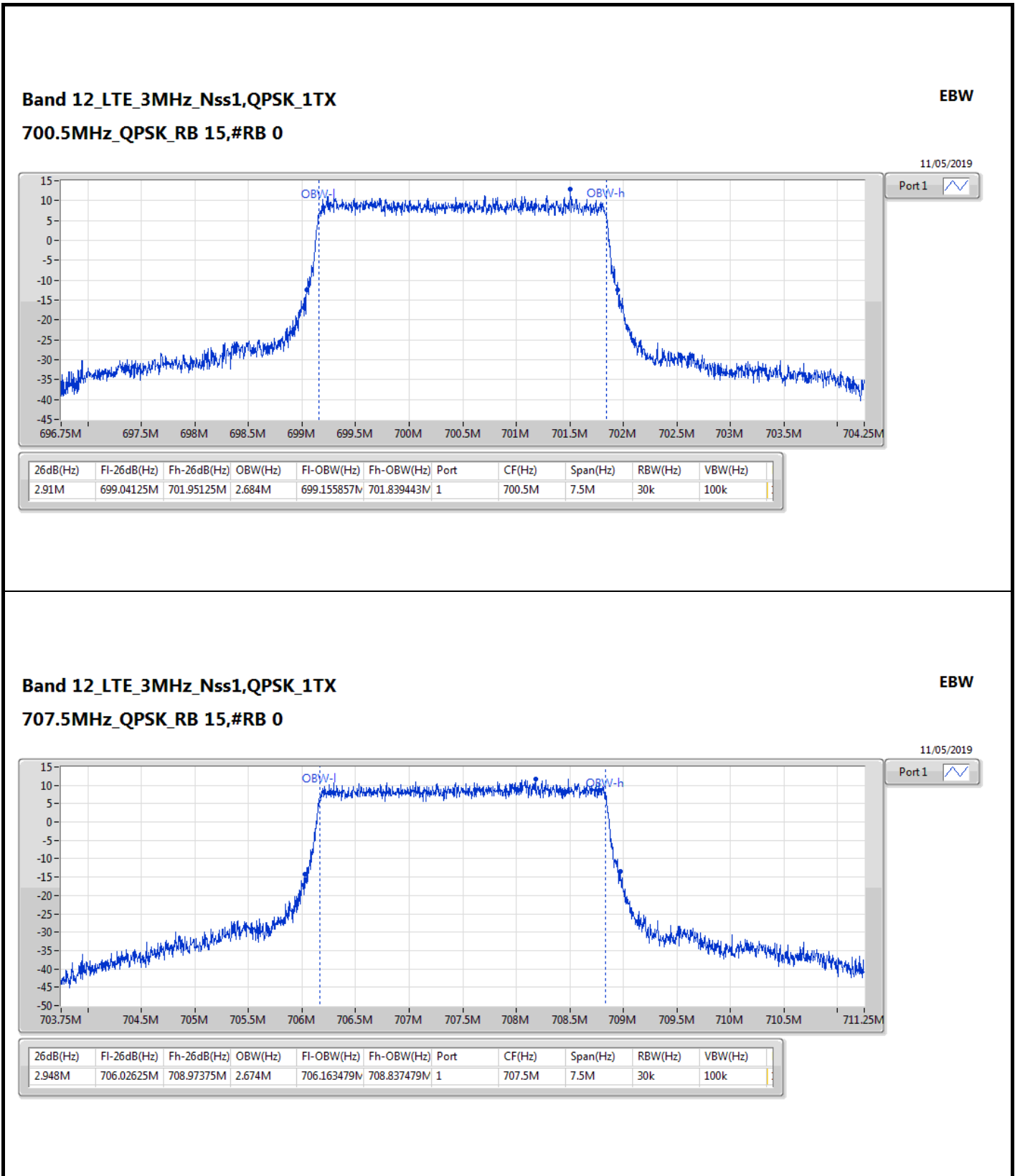
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	Inf	1.229M	1.082M
707.5MHz_RB 6,#RB 0	Pass	Inf	1.222M	1.083M
715.3MHz_RB 6,#RB 0	Pass	Inf	1.225M	1.082M
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	Inf	1.22M	1.083M
707.5MHz_RB 6,#RB 0	Pass	Inf	1.211M	1.083M
715.3MHz_RB 6,#RB 0	Pass	Inf	1.211M	1.083M
Band 12_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	Inf	2.91M	2.684M
707.5MHz_RB 15,#RB 0	Pass	Inf	2.948M	2.674M
714.5MHz_RB 15,#RB 0	Pass	Inf	2.951M	2.68M
Band 12_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	Inf	2.921M	2.681M
707.5MHz_RB 15,#RB 0	Pass	Inf	2.921M	2.677M
714.5MHz_RB 15,#RB 0	Pass	Inf	2.921M	2.679M
Band 12_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	Inf	4.875M	4.474M
707.5MHz_RB 25,#RB 0	Pass	Inf	4.844M	4.461M
713.5MHz_RB 25,#RB 0	Pass	Inf	4.919M	4.468M
Band 12_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	Inf	4.919M	4.46M
707.5MHz_RB 25,#RB 0	Pass	Inf	4.863M	4.462M
713.5MHz_RB 25,#RB 0	Pass	Inf	4.894M	4.464M
Band 12_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	Inf	9.6M	8.932M
707.5MHz_RB 50,#RB 0	Pass	Inf	9.513M	8.905M
711MHz_RB 50,#RB 0	Pass	Inf	9.588M	8.92M
Band 12_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.915M
707.5MHz_RB 50,#RB 0	Pass	Inf	9.538M	8.888M
711MHz_RB 50,#RB 0	Pass	Inf	9.55M	8.908M

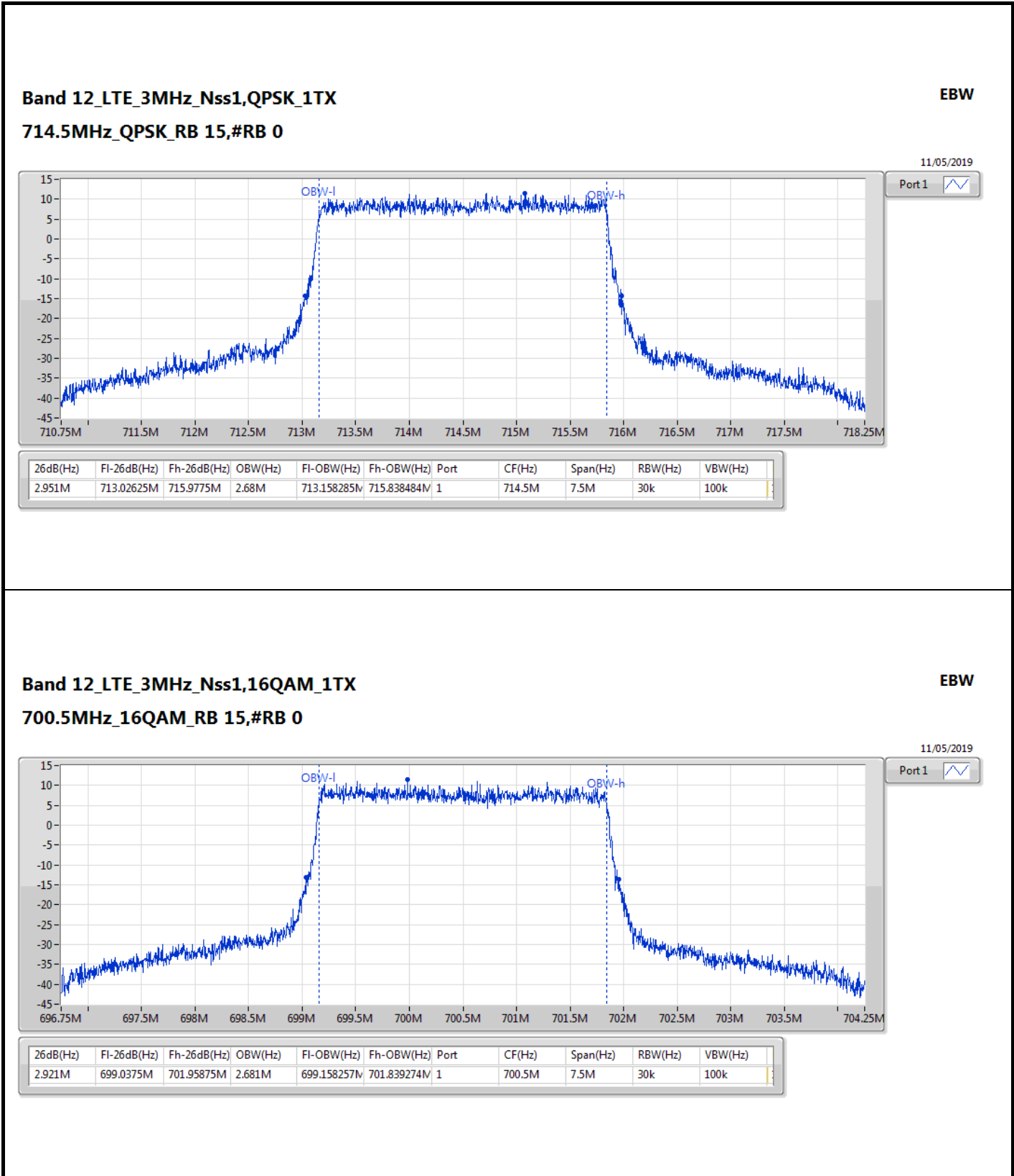
Port X-N dB = Port X 26dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

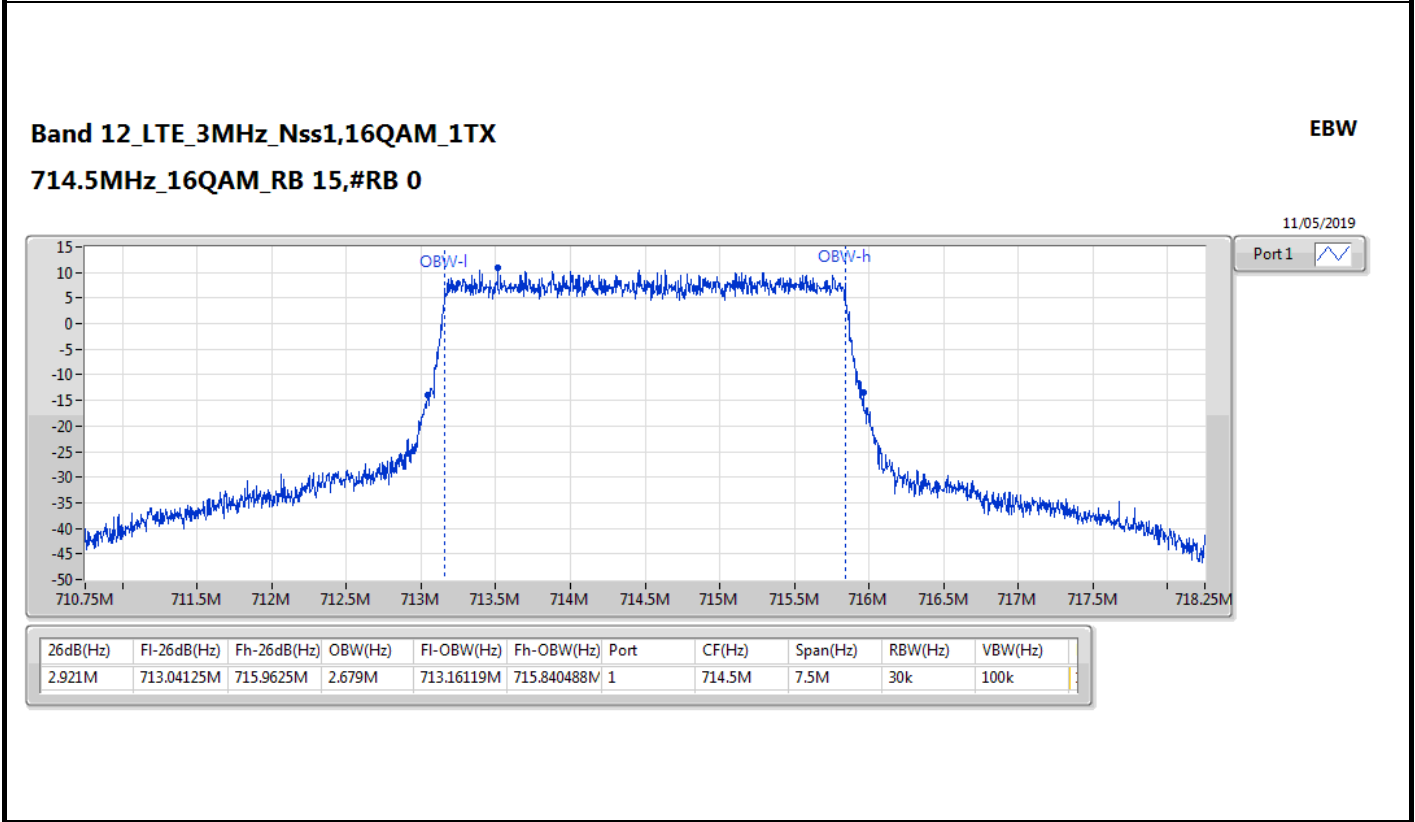
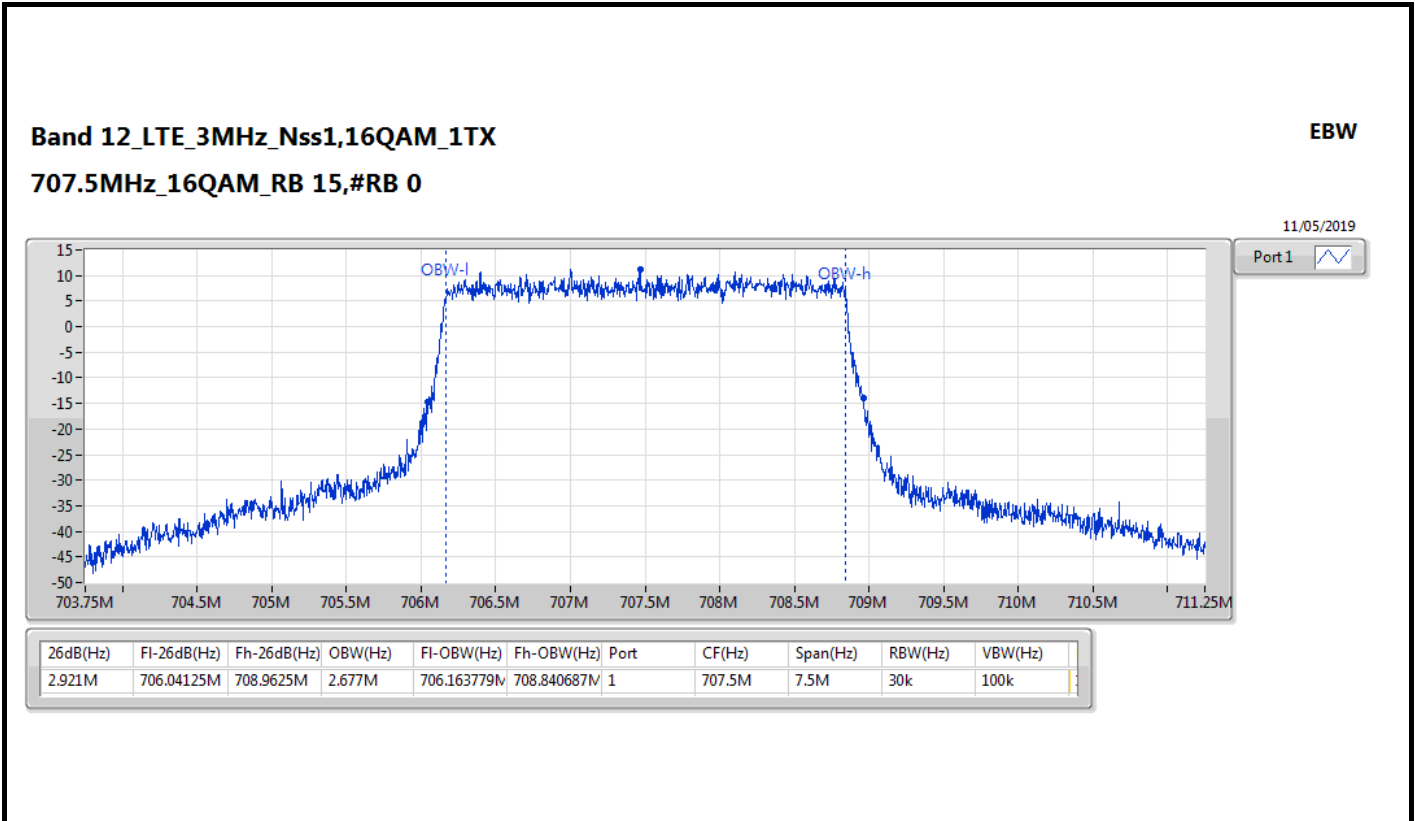


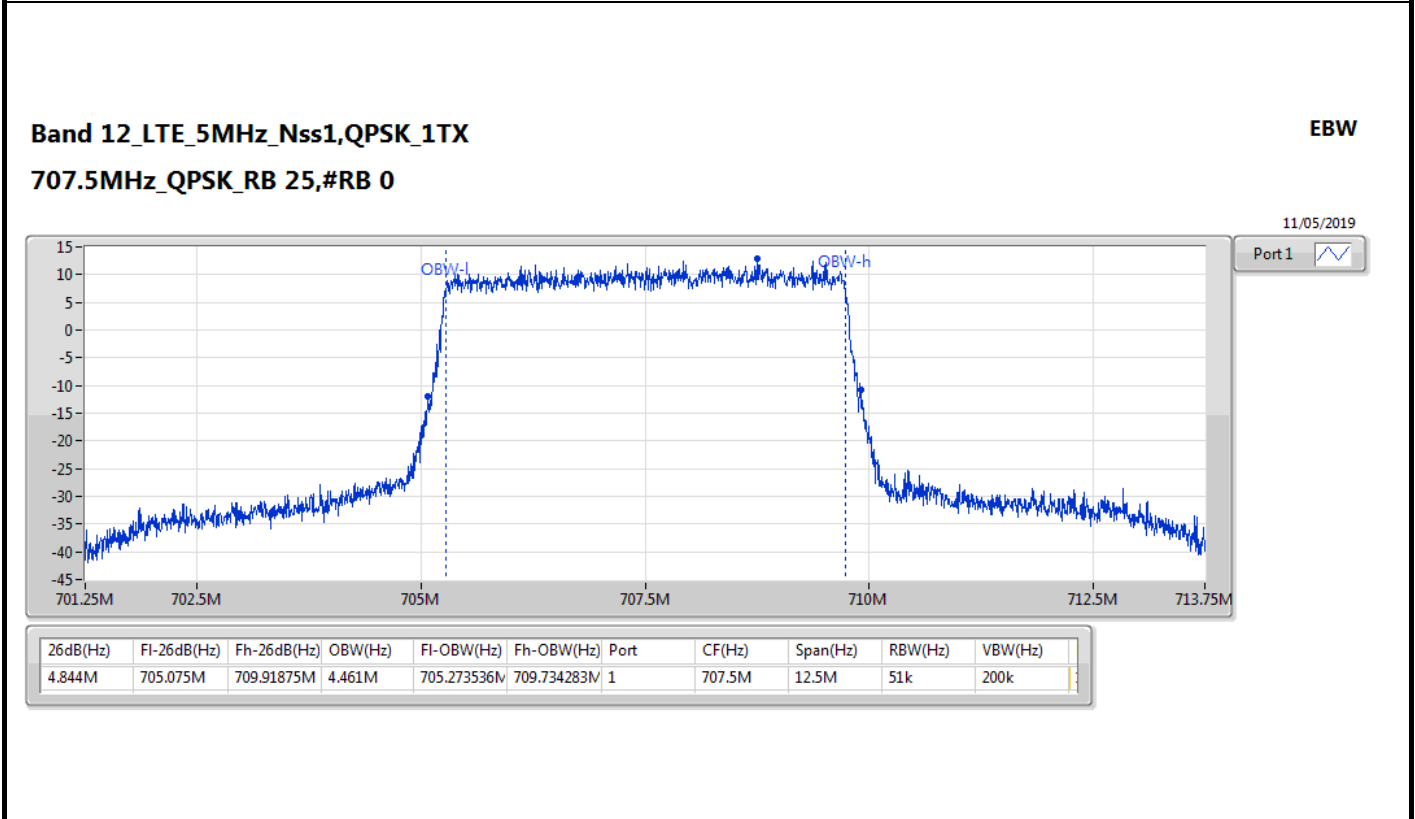
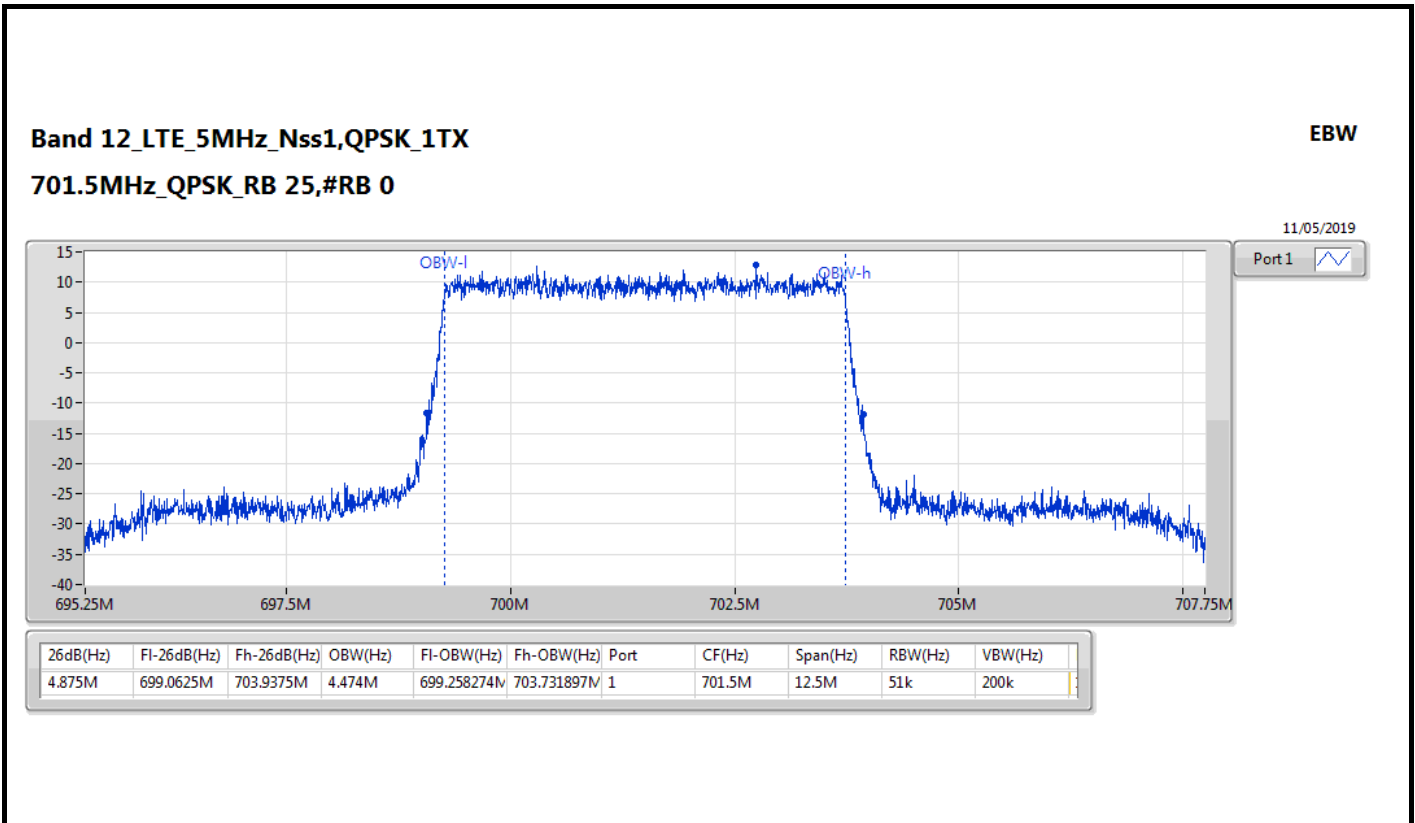


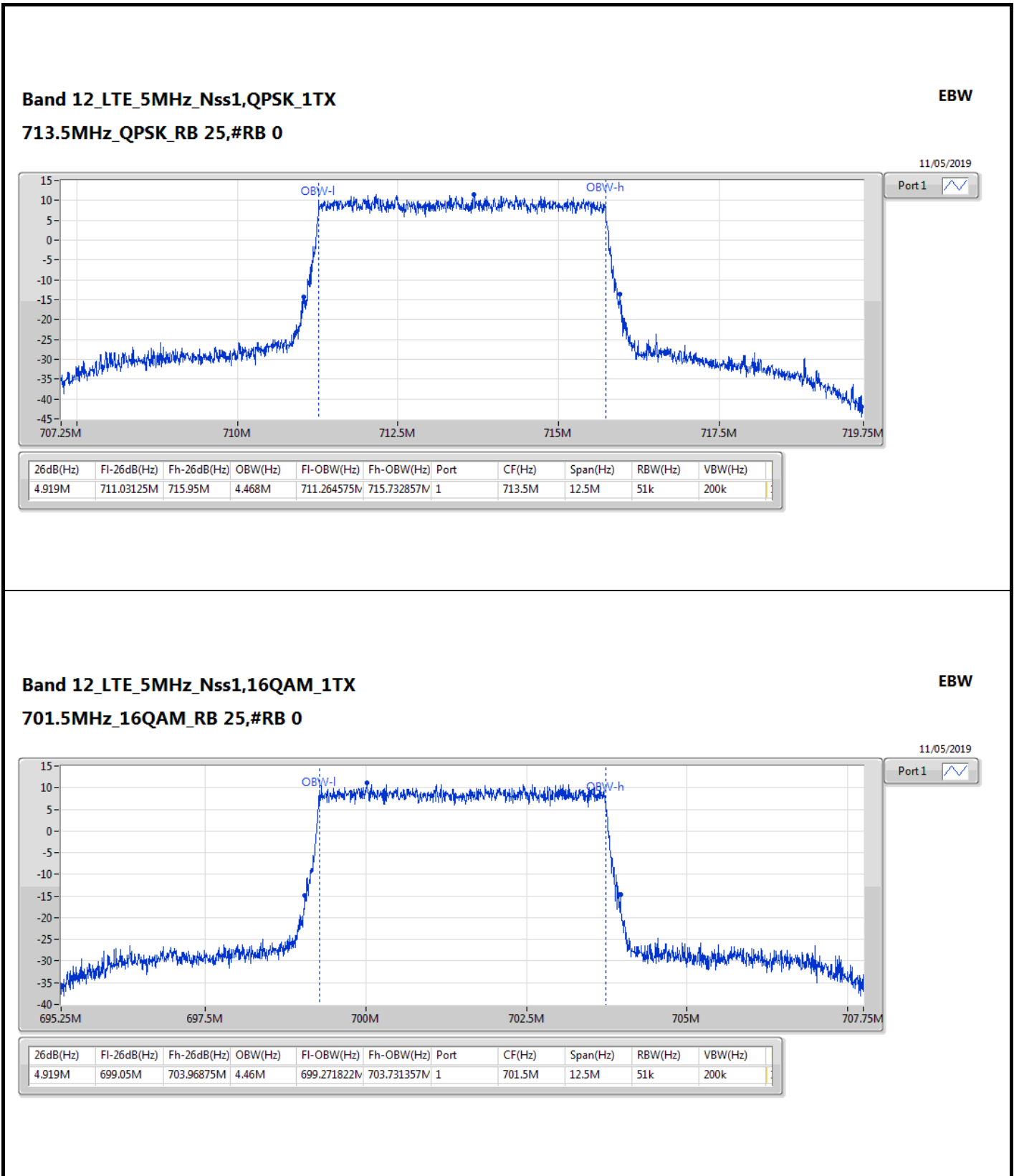


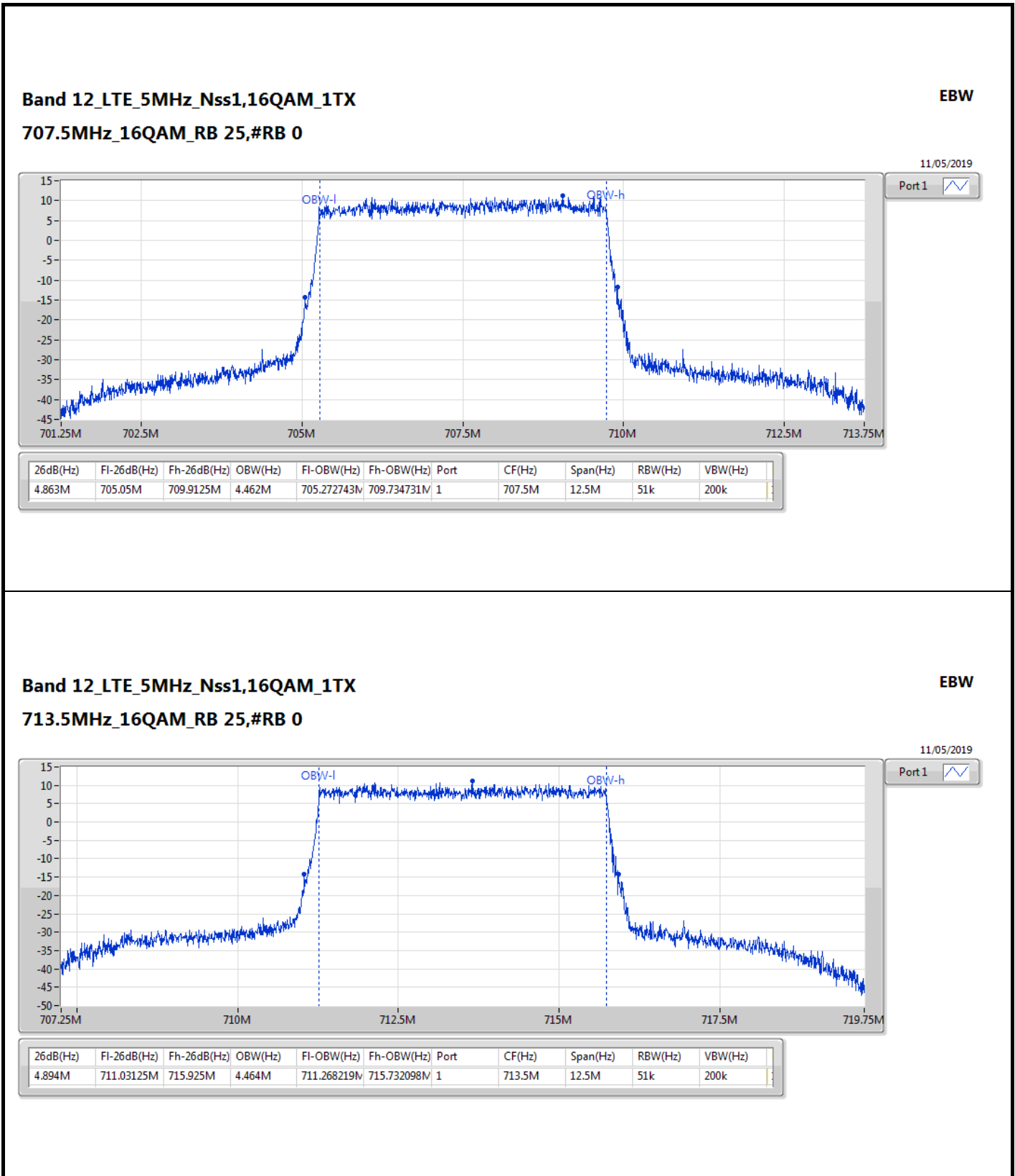


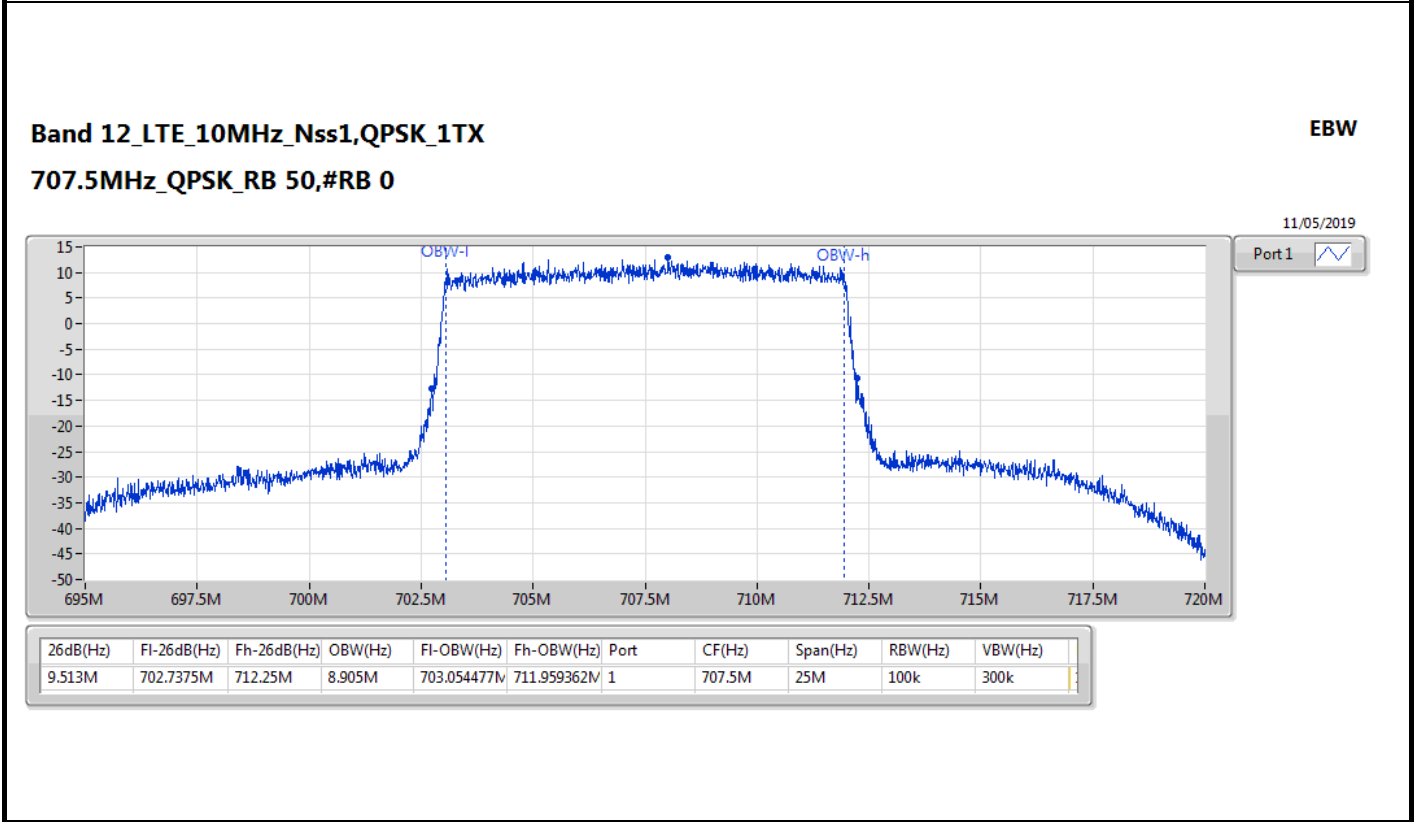
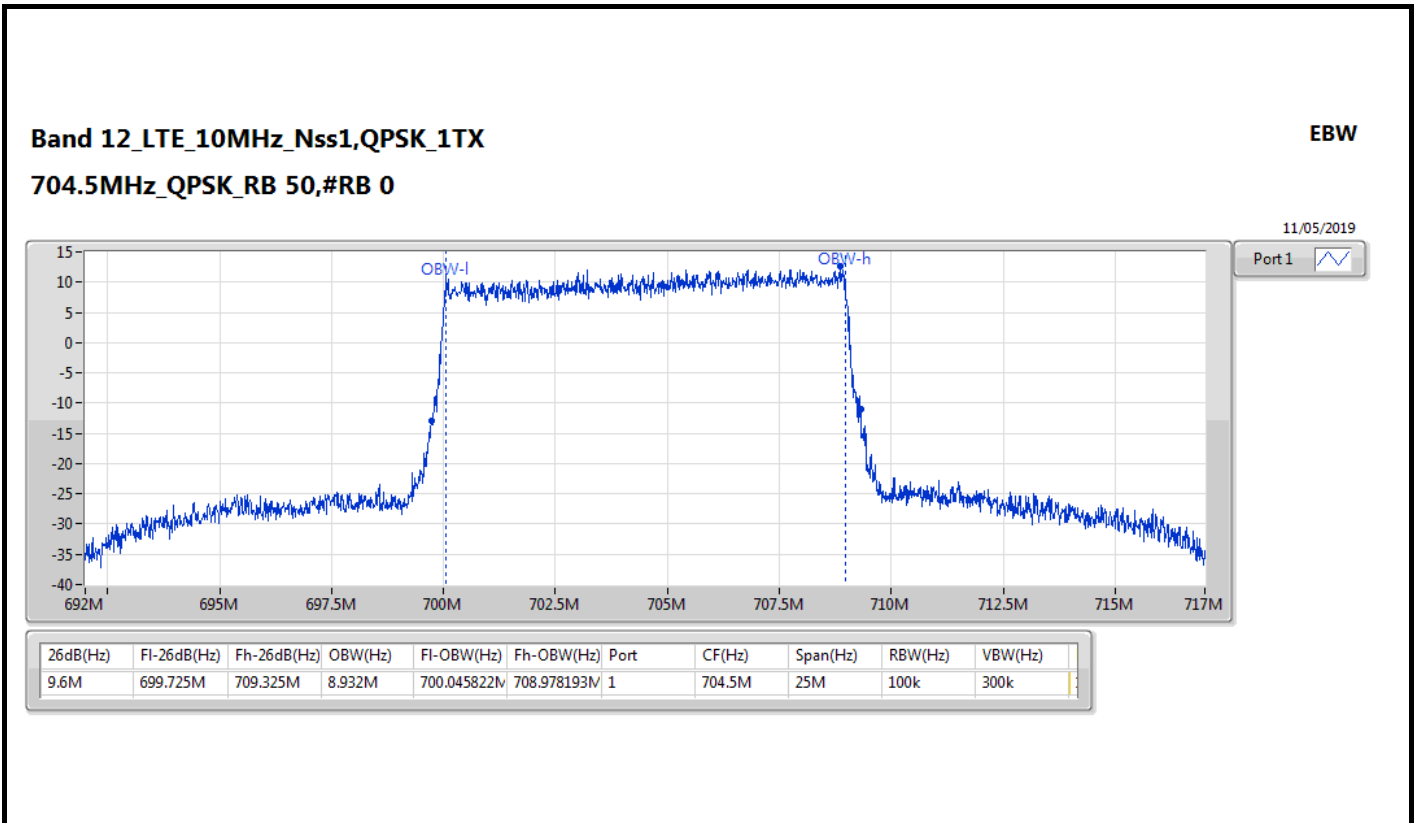


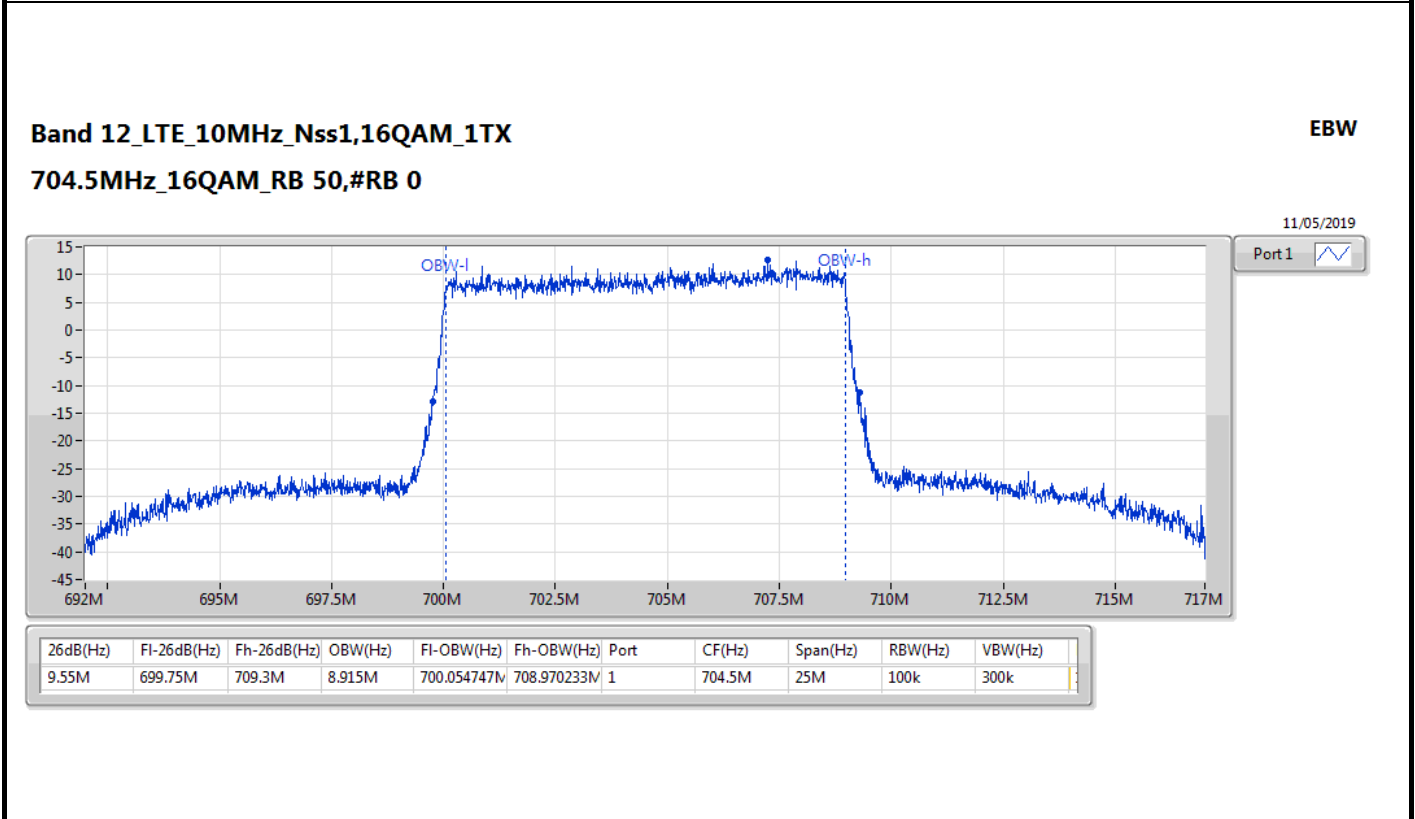
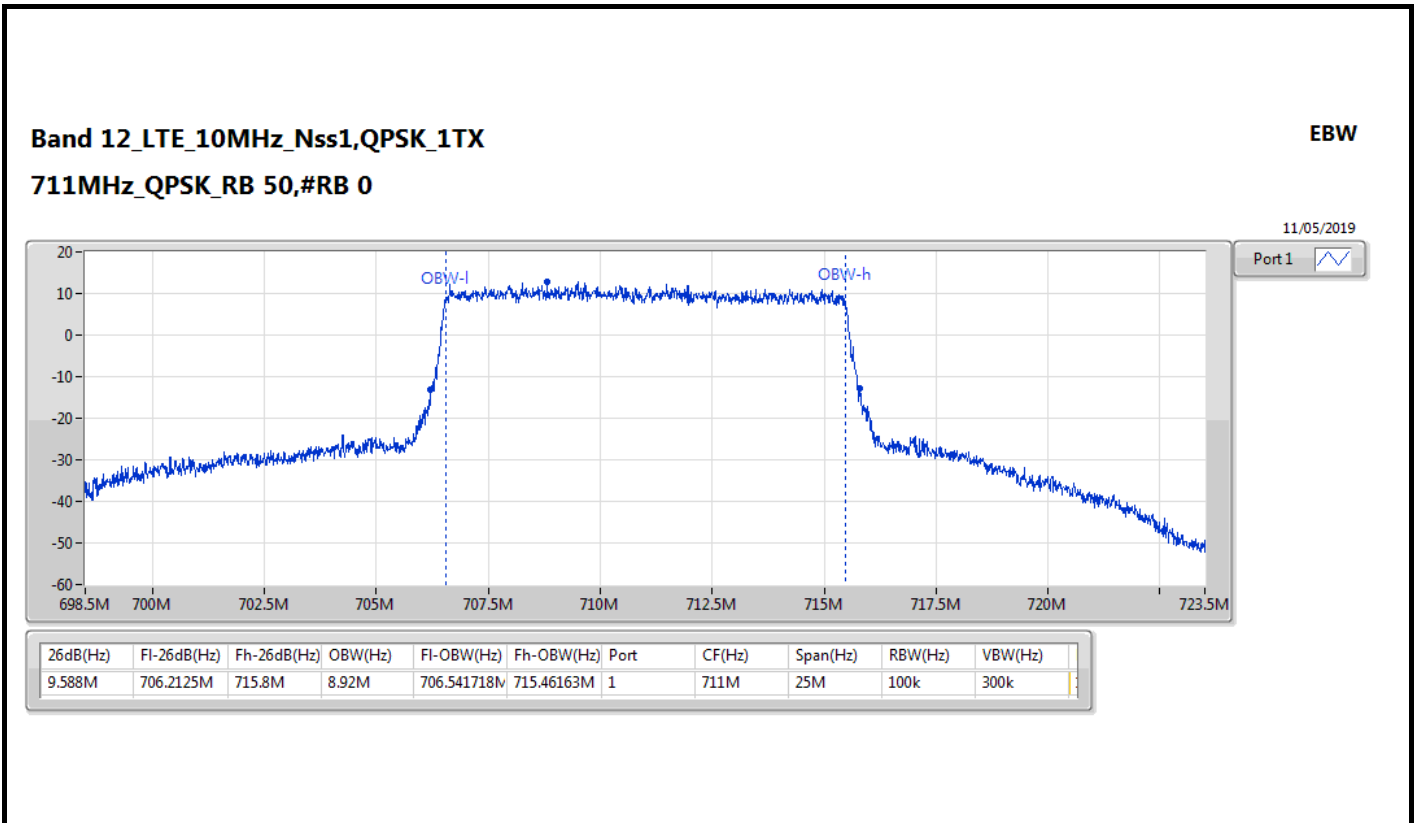


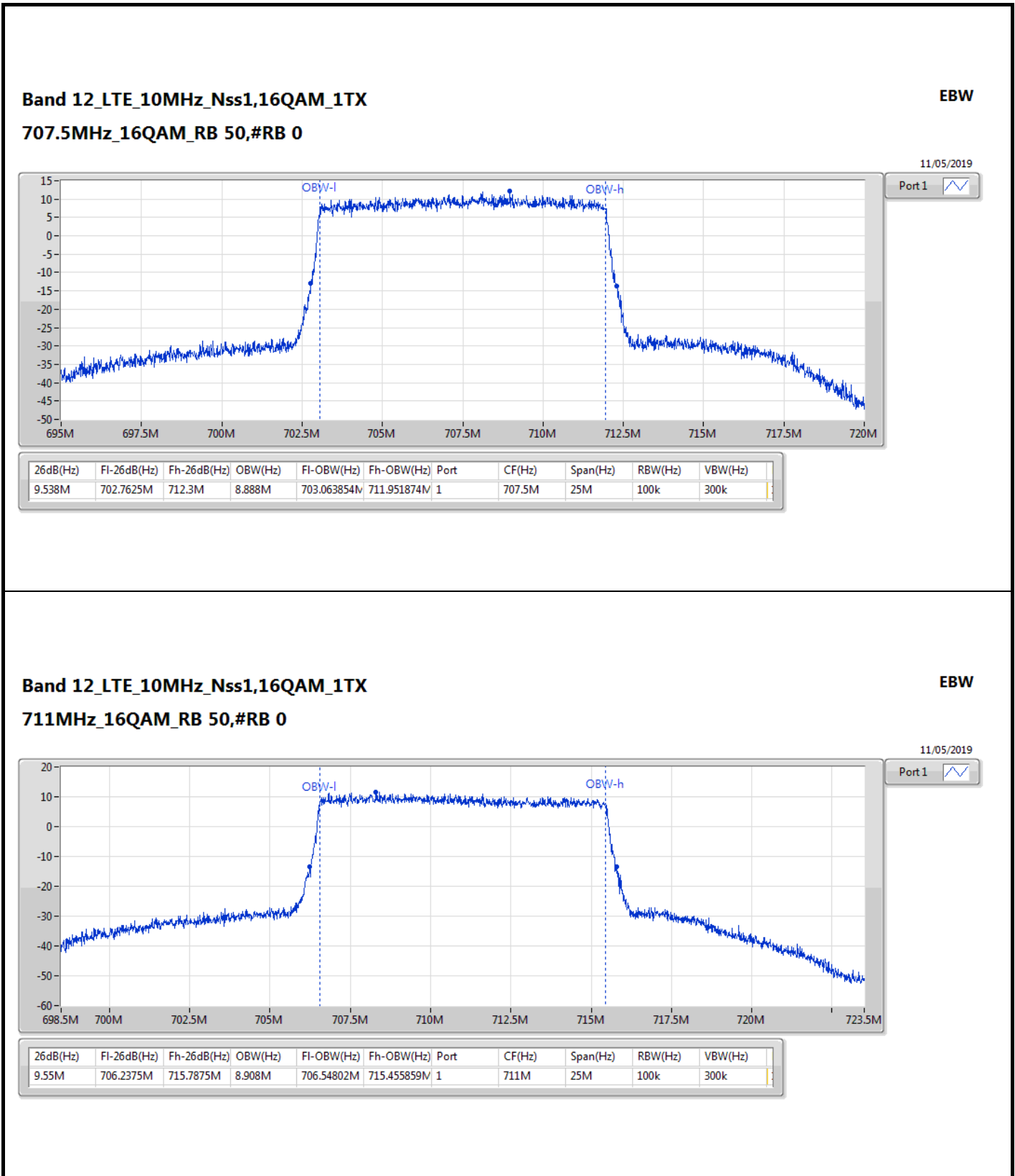














<Mode 8> EUT 2 + LTE Band 13 Link

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 13	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	4.9M	4.467M	4M47G7D	4.831M	4.451M
LTE_5MHz_Nss1,16QAM_1TX	4.831M	4.461M	4M46W7D	4.806M	4.452M
LTE_10MHz_Nss1,QPSK_1TX	9.525M	8.902M	8M90G7D	9.525M	8.902M
LTE_10MHz_Nss1,16QAM_1TX	9.538M	8.894M	8M89W7D	9.538M	8.894M

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

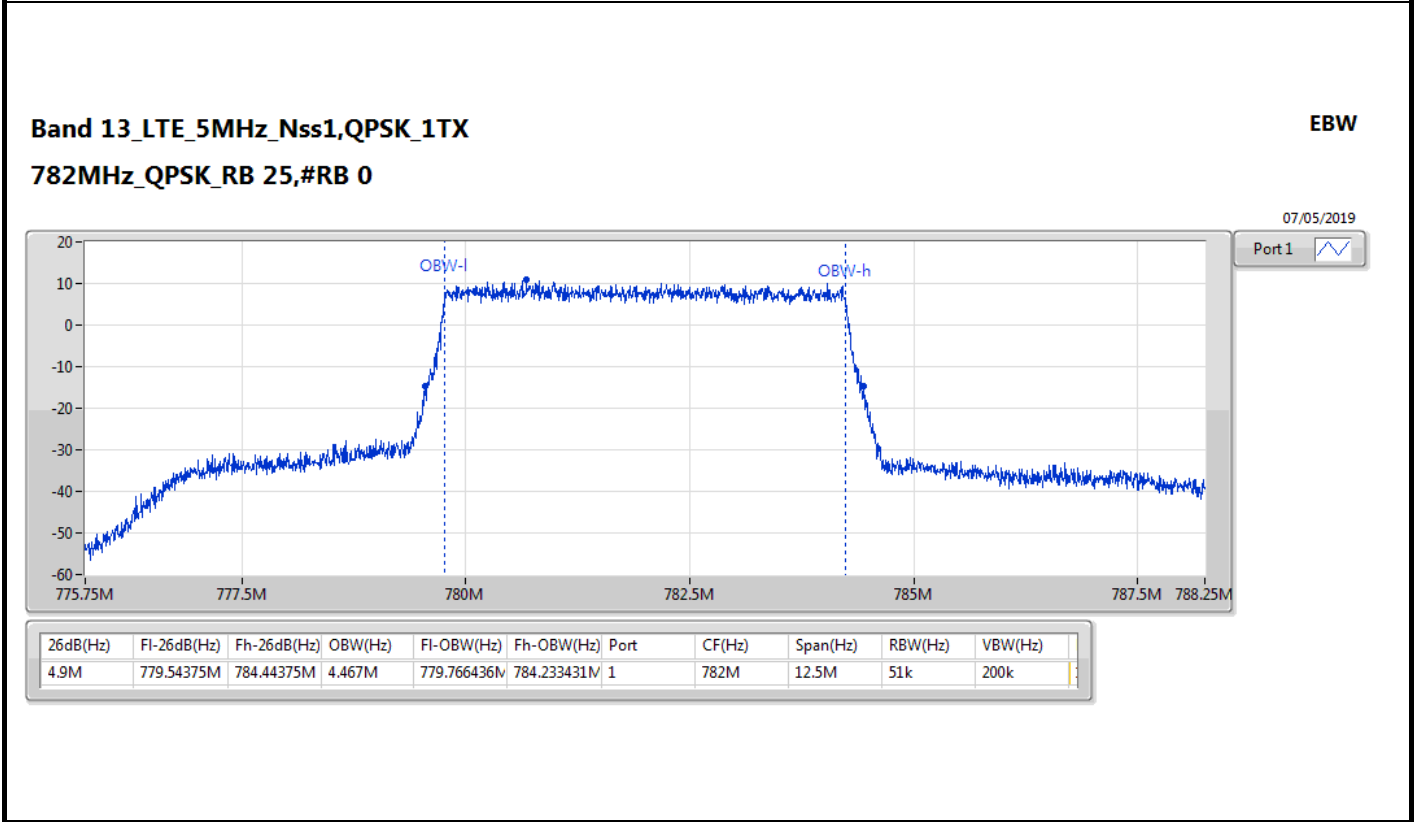
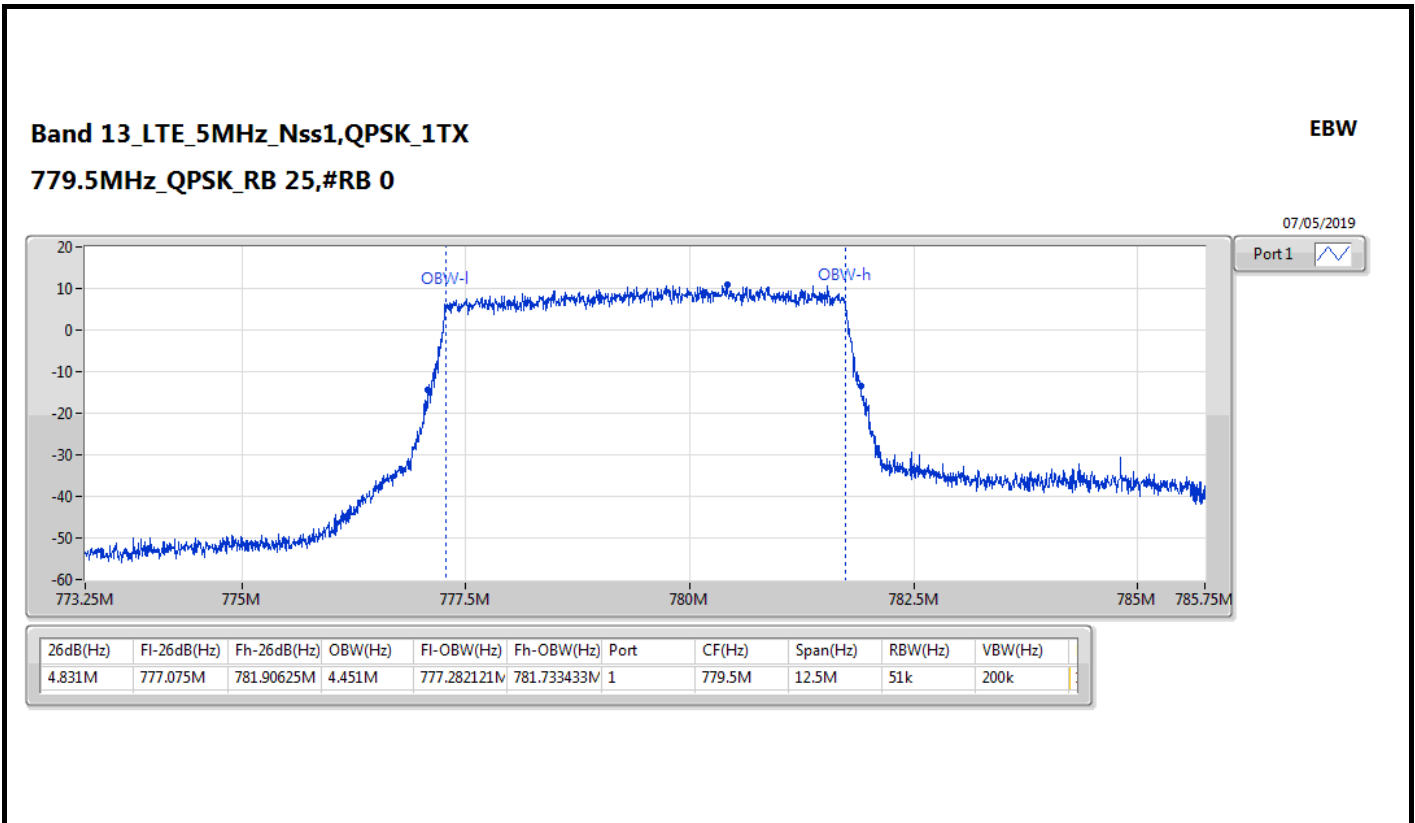
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

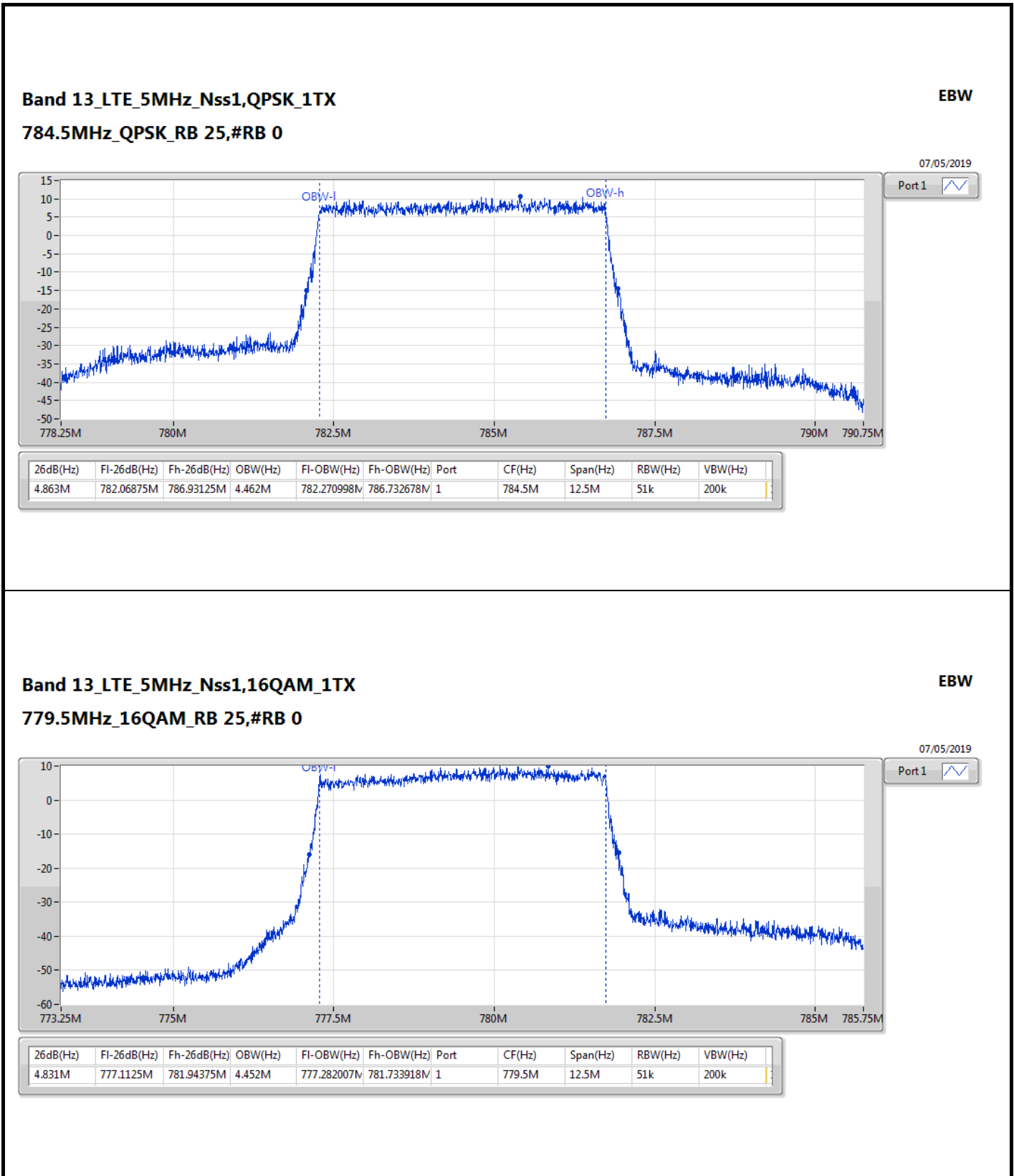


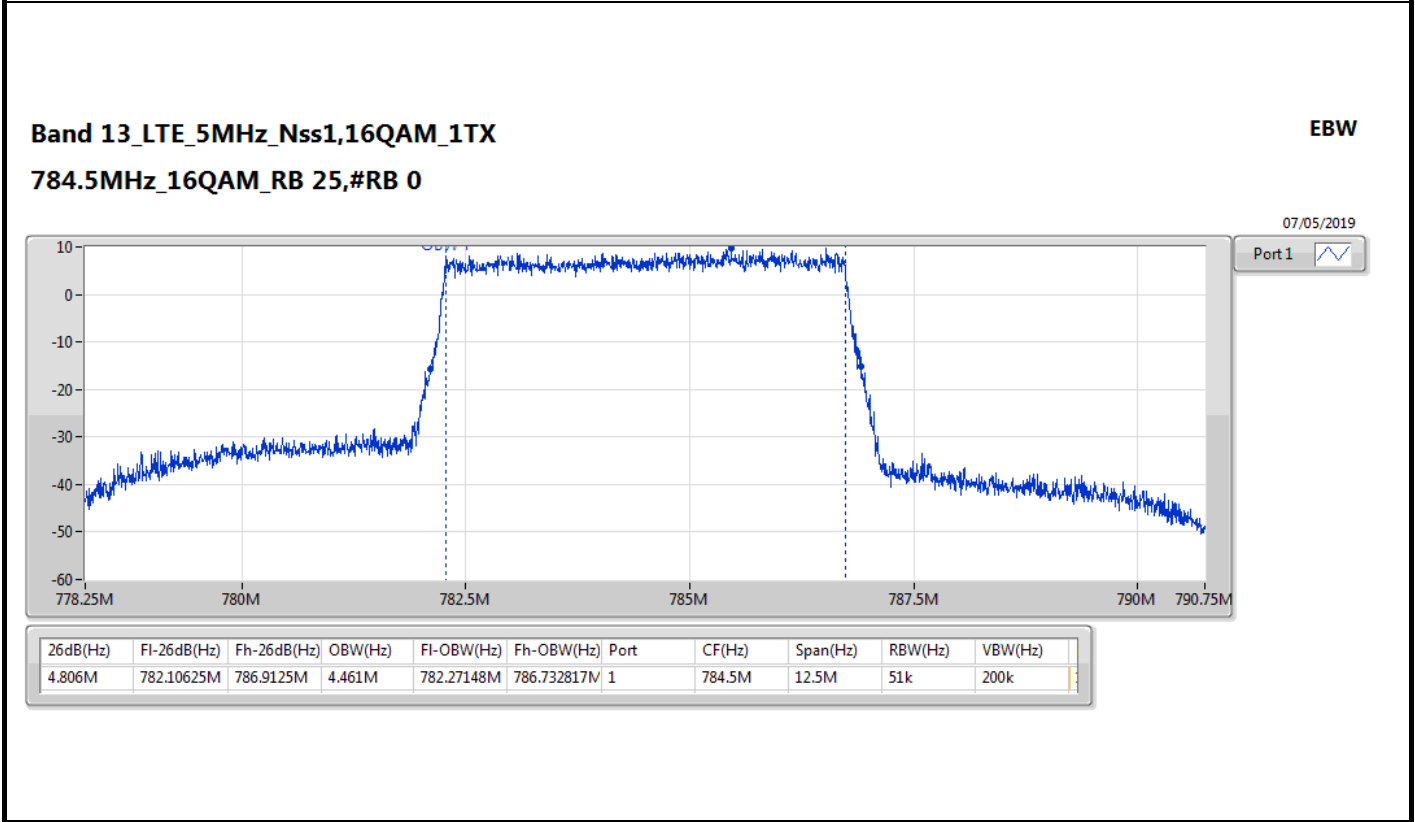
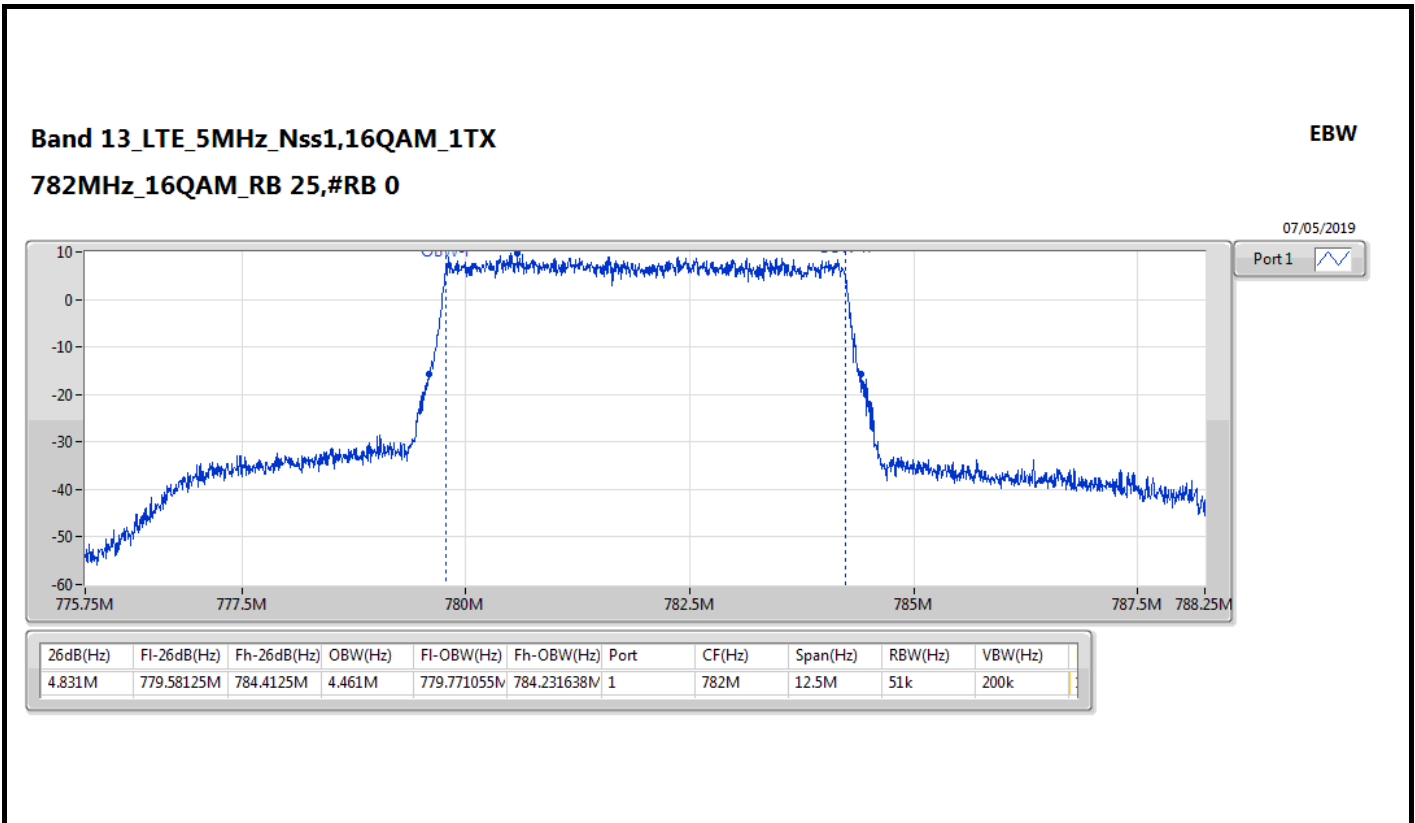
Result

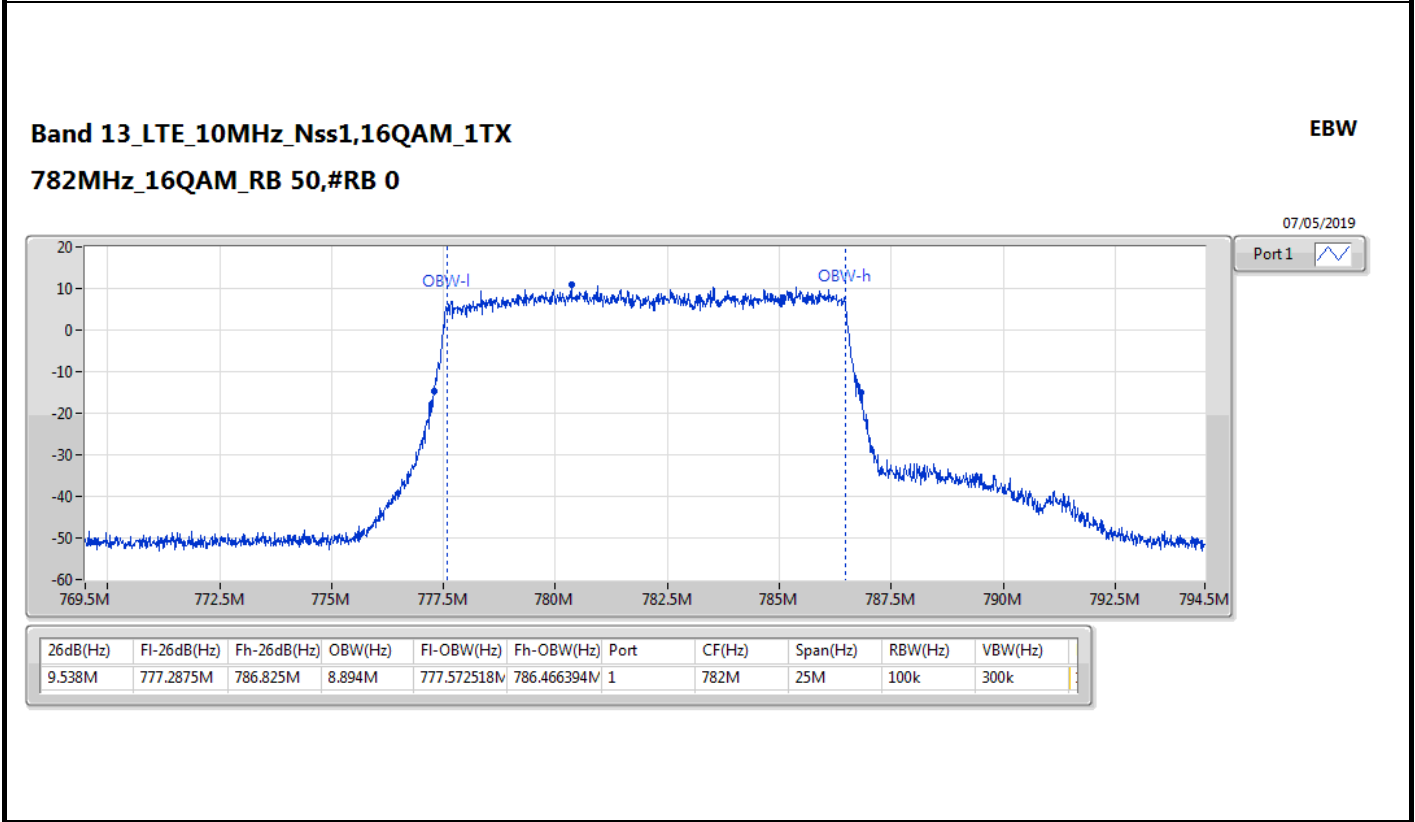
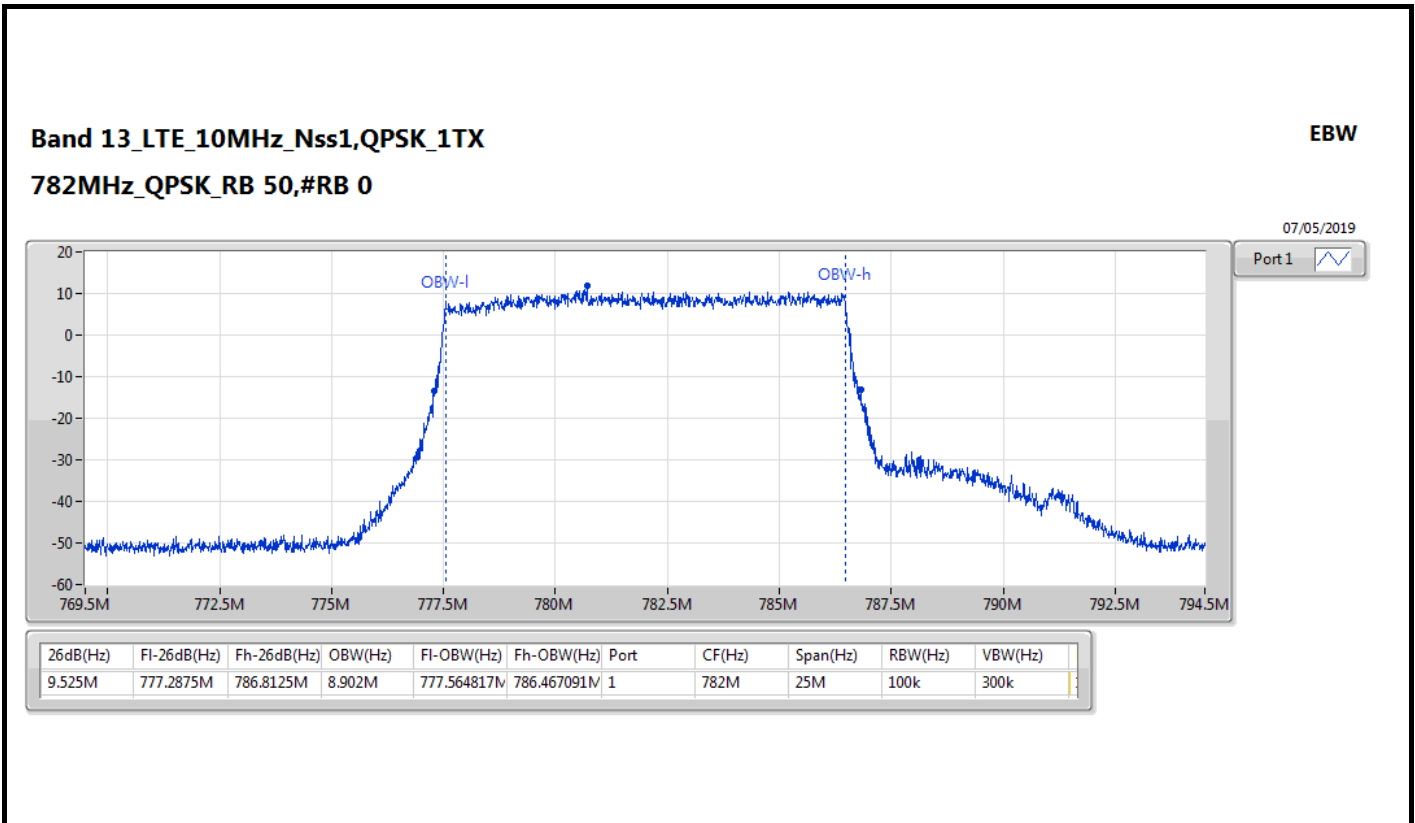
Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
Band 13_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	Inf	4.831M	4.451M
782MHz_RB 25,#RB 0	Pass	Inf	4.9M	4.467M
784.5MHz_RB 25,#RB 0	Pass	Inf	4.863M	4.462M
Band 13_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	Inf	4.831M	4.452M
782MHz_RB 25,#RB 0	Pass	Inf	4.831M	4.461M
784.5MHz_RB 25,#RB 0	Pass	Inf	4.806M	4.461M
Band 13_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-
782MHz_RB 50,#RB 0	Pass	Inf	9.525M	8.902M
Band 13_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-
782MHz_RB 50,#RB 0	Pass	Inf	9.538M	8.894M

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











<Mode 1> EUT 2 + WCDMA Band 2 Link

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 2	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-22.18	-13.00	-9.18	MBW 1M	-



Result

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 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1852.4MHz	Pass	9k	150k	200	1k	RMS	122.012k	-61.98	-13.00	-48.98	-	-
1852.4MHz	Pass	150k	30M	10k	30k	RMS	157.462k	-59.56	-13.00	-46.56	-	-
1852.4MHz	Pass	30M	1G	100k	300k	RMS	748.29M	-64.98	-13.00	-51.98	-	-
1852.4MHz	Pass	1G	1.5G	1M	3M	RMS	1.36075G	-51.32	-13.00	-38.32	-	-
1852.4MHz	Pass	1.5G	1.84G	1M	3M	RMS	1.83975G	-41.76	-13.00	-28.76	-	-
1852.4MHz	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-23.91	-13.00	-10.91	MBW 1M	-
1852.4MHz	Pass	1.849G	1.85G	51k	150k	RMS	1.85G	-28.87	-13.00	-15.87	-	-
1852.4MHz	Pass	1.91G	1.911G	51k	150k	RMS	1.91098G	-70.75	-13.00	-57.75	-	-
1852.4MHz	Pass	1.911G	1.92G	51k	150k	RMS	1.9155G	-59.05	-13.00	-46.05	MBW 1M	-
1852.4MHz	Pass	1.92G	5G	1M	3M	RMS	3.78995G	-51.91	-13.00	-38.91	-	-
1852.4MHz	Pass	5G	20G	1M	3M	RMS	13.643G	-36.59	-13.00	-23.59	-	-
1880MHz	Pass	9k	150k	200	1k	RMS	121.765k	-62.55	-13.00	-49.55	-	-
1880MHz	Pass	150k	30M	10k	30k	RMS	150k	-60.76	-13.00	-47.76	-	-
1880MHz	Pass	30M	1G	100k	300k	RMS	898.39M	-65.70	-13.00	-52.70	-	-
1880MHz	Pass	1G	1.5G	1M	3M	RMS	1.48894G	-52.20	-13.00	-39.20	-	-
1880MHz	Pass	1.5G	1.84G	1M	3M	RMS	1.65568G	-51.00	-13.00	-38.00	-	-
1880MHz	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.06	-13.00	-46.06	MBW 1M	-
1880MHz	Pass	1.849G	1.85G	51k	150k	RMS	1.84915G	-70.33	-13.00	-57.33	-	-
1880MHz	Pass	1.91G	1.911G	51k	150k	RMS	1.91024G	-70.31	-13.00	-57.31	-	-
1880MHz	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-58.87	-13.00	-45.87	MBW 1M	-
1880MHz	Pass	1.92G	5G	1M	3M	RMS	3.82999G	-51.79	-13.00	-38.79	-	-
1880MHz	Pass	5G	20G	1M	3M	RMS	13.66325G	-36.53	-13.00	-23.53	-	-
1907.6MHz	Pass	9k	150k	200	1k	RMS	121.941k	-61.40	-13.00	-48.40	-	-
1907.6MHz	Pass	150k	30M	10k	30k	RMS	164.925k	-59.07	-13.00	-46.07	-	-
1907.6MHz	Pass	30M	1G	100k	300k	RMS	865.66M	-66.08	-13.00	-53.08	-	-
1907.6MHz	Pass	1G	1.5G	1M	3M	RMS	1.32275G	-51.58	-13.00	-38.58	-	-
1907.6MHz	Pass	1.5G	1.84G	1M	3M	RMS	1.63957G	-51.42	-13.00	-38.42	-	-
1907.6MHz	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.38	-13.00	-46.38	MBW 1M	-
1907.6MHz	Pass	1.849G	1.85G	51k	150k	RMS	1.84993G	-71.19	-13.00	-58.19	-	-
1907.6MHz	Pass	1.91G	1.911G	51k	150k	RMS	1.9103G	-30.95	-13.00	-17.95	-	-
1907.6MHz	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-22.18	-13.00	-9.18	MBW 1M	-
1907.6MHz	Pass	1.92G	5G	1M	3M	RMS	3.81651G	-51.67	-13.00	-38.67	-	-
1907.6MHz	Pass	5G	20G	1M	3M	RMS	13.60475G	-36.59	-13.00	-23.59	-	-



<Mode 2> EUT 2 + WCDMA Band 4 Link

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 4	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-16.15	-13.00	-3.15	MBW 1M	-



Result

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 4_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1712.4MHz	Pass	9k	150k	200	1k	RMS	118.592k	-64.21	-13.00	-51.21	-	-
1712.4MHz	Pass	150k	30M	10k	30k	RMS	172.388k	-59.17	-13.00	-46.17	-	-
1712.4MHz	Pass	30M	1G	100k	300k	RMS	875.11M	-62.31	-13.00	-49.31	-	-
1712.4MHz	Pass	1G	1.5G	1M	3M	RMS	1.495G	-53.25	-13.00	-40.25	-	-
1712.4MHz	Pass	1.5G	1.7G	1M	3M	RMS	1.6998G	-36.42	-13.00	-23.42	-	-
1712.4MHz	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-16.15	-13.00	-3.15	MBW 1M	-
1712.4MHz	Pass	1.709G	1.71G	51k	150k	RMS	1.71G	-22.00	-13.00	-9.00	-	-
1712.4MHz	Pass	1.755G	1.756G	51k	150k	RMS	1.75565G	-71.38	-13.00	-58.38	-	-
1712.4MHz	Pass	1.756G	1.765G	51k	150k	RMS	1.7615G	-59.55	-13.00	-46.55	MBW 1M	-
1712.4MHz	Pass	1.765G	5G	1M	3M	RMS	3.83176G	-52.01	-13.00	-39.01	-	-
1712.4MHz	Pass	5G	20G	1M	3M	RMS	13.6085G	-36.43	-13.00	-23.43	-	-
1732.6MHz	Pass	9k	150k	200	1k	RMS	120.108k	-63.52	-13.00	-50.52	-	-
1732.6MHz	Pass	150k	30M	10k	30k	RMS	179.85k	-59.22	-13.00	-46.22	-	-
1732.6MHz	Pass	30M	1G	100k	300k	RMS	866.43M	-63.52	-13.00	-50.52	-	-
1732.6MHz	Pass	1G	1.5G	1M	3M	RMS	1.488G	-54.64	-13.00	-41.64	-	-
1732.6MHz	Pass	1.5G	1.7G	1M	3M	RMS	1.6254G	-53.54	-13.00	-40.54	-	-
1732.6MHz	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-57.91	-13.00	-44.91	MBW 1M	-
1732.6MHz	Pass	1.709G	1.71G	51k	150k	RMS	1.70972G	-68.92	-13.00	-55.92	-	-
1732.6MHz	Pass	1.755G	1.756G	51k	150k	RMS	1.75527G	-69.55	-13.00	-56.55	-	-
1732.6MHz	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-58.57	-13.00	-45.57	MBW 1M	-
1732.6MHz	Pass	1.765G	5G	1M	3M	RMS	3.82772G	-51.98	-13.00	-38.98	-	-
1732.6MHz	Pass	5G	20G	1M	3M	RMS	13.62125G	-36.50	-13.00	-23.50	-	-
1752.6MHz	Pass	9k	150k	200	1k	RMS	114.644k	-61.66	-13.00	-48.66	-	-
1752.6MHz	Pass	150k	30M	10k	30k	RMS	157.462k	-61.27	-13.00	-48.27	-	-
1752.6MHz	Pass	30M	1G	100k	300k	RMS	878.75M	-63.04	-13.00	-50.04	-	-
1752.6MHz	Pass	1G	1.5G	1M	3M	RMS	1.3455G	-53.25	-13.00	-40.25	-	-
1752.6MHz	Pass	1.5G	1.7G	1M	3M	RMS	1.6108G	-53.69	-13.00	-40.69	-	-
1752.6MHz	Pass	1.7G	1.709G	51k	150k	RMS	1.7075G	-59.51	-13.00	-46.51	MBW 1M	-
1752.6MHz	Pass	1.709G	1.71G	51k	150k	RMS	1.70923G	-71.27	-13.00	-58.27	-	-
1752.6MHz	Pass	1.755G	1.756G	51k	150k	RMS	1.755G	-32.01	-13.00	-19.01	-	-
1752.6MHz	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-28.88	-13.00	-15.88	MBW 1M	-
1752.6MHz	Pass	1.765G	5G	1M	3M	RMS	1.765G	-51.87	-13.00	-38.87	-	-
1752.6MHz	Pass	5G	20G	1M	3M	RMS	13.61975G	-36.73	-13.00	-23.73	-	-



<Mode 3> EUT 2 + WCDMA Band 5 Link

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 5	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	823.9M	824M	30k	100k	RMS	824M	-30.08	-13.00	-17.08	-	-



Result

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 5_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
826.4MHz	Pass	9k	150k	200	1k	RMS	119.509k	-63.71	-13.00	-50.71	-	-
826.4MHz	Pass	150k	30M	10k	30k	RMS	187.312k	-60.77	-13.00	-47.77	-	-
826.4MHz	Pass	30M	500M	100k	300k	RMS	316.82M	-66.44	-13.00	-53.44	-	-
826.4MHz	Pass	500M	814M	100k	300k	RMS	813.92M	-57.96	-13.00	-44.96	-	-
826.4MHz	Pass	814M	823.9M	30k	100k	RMS	823.85M	-31.00	-13.00	-18.00	MBW 100k	-
826.4MHz	Pass	823.9M	824M	30k	100k	RMS	824M	-30.08	-13.00	-17.08	-	-
826.4MHz	Pass	849M	849.1M	30k	100k	RMS	849.04M	-73.01	-13.00	-60.01	-	-
826.4MHz	Pass	849.1M	859M	30k	100k	RMS	849.15M	-68.97	-13.00	-55.97	MBW 100k	-
826.4MHz	Pass	859M	2G	100k	300k	RMS	1.65114G	-65.14	-13.00	-52.14	-	-
826.4MHz	Pass	2G	10G	100k	300k	RMS	9.783G	-59.08	-13.00	-46.08	-	-
836.6MHz	Pass	9k	150k	200	1k	RMS	115.878k	-66.35	-13.00	-53.35	-	-
836.6MHz	Pass	150k	30M	10k	30k	RMS	150k	-61.50	-13.00	-48.50	-	-
836.6MHz	Pass	30M	500M	100k	300k	RMS	478.38M	-64.92	-13.00	-51.92	-	-
836.6MHz	Pass	500M	814M	100k	300k	RMS	531.16M	-63.46	-13.00	-50.46	-	-
836.6MHz	Pass	814M	823.9M	30k	100k	RMS	823.15M	-58.07	-13.00	-45.07	MBW 100k	-
836.6MHz	Pass	823.9M	824M	30k	100k	RMS	823.97M	-61.84	-13.00	-48.84	-	-
836.6MHz	Pass	849M	849.1M	30k	100k	RMS	849.06M	-62.52	-13.00	-49.52	-	-
836.6MHz	Pass	849.1M	859M	30k	100k	RMS	849.55M	-58.13	-13.00	-45.13	MBW 100k	-
836.6MHz	Pass	859M	2G	100k	300k	RMS	1.67139G	-60.09	-13.00	-47.09	-	-
836.6MHz	Pass	2G	10G	100k	300k	RMS	2.506G	-57.75	-13.00	-44.75	-	-
846.6MHz	Pass	9k	150k	200	1k	RMS	121.166k	-63.25	-13.00	-50.25	-	-
846.6MHz	Pass	150k	30M	10k	30k	RMS	150k	-60.03	-13.00	-47.03	-	-
846.6MHz	Pass	30M	500M	100k	300k	RMS	414.34M	-65.66	-13.00	-52.66	-	-
846.6MHz	Pass	500M	814M	100k	300k	RMS	567.51M	-63.84	-13.00	-50.84	-	-
846.6MHz	Pass	814M	823.9M	30k	100k	RMS	823.35M	-68.99	-13.00	-55.99	MBW 100k	-
846.6MHz	Pass	823.9M	824M	30k	100k	RMS	823.93M	-73.04	-13.00	-60.04	-	-
846.6MHz	Pass	849M	849.1M	30k	100k	RMS	849M	-35.32	-13.00	-22.32	-	-
846.6MHz	Pass	849.1M	859M	30k	100k	RMS	849.25M	-33.54	-13.00	-20.54	MBW 100k	-
846.6MHz	Pass	859M	2G	100k	300k	RMS	1.69136G	-64.47	-13.00	-51.47	-	-
846.6MHz	Pass	2G	10G	100k	300k	RMS	9.809G	-58.59	-13.00	-45.59	-	-



<Mode 4> EUT 2 + LTE Band 2 Link

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 2	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,OPSK_1TX	Pass	1.91G	1.911G	15k	43k	RMS	1.91056G	-28.60	-13.00	-15.60	-	-
LTE_1.4MHz_Nss1,16OAM_1TX	Pass	1.849G	1.85G	15k	43k	RMS	1.84999G	-28.40	-13.00	-15.40	-	-
LTE_3MHz_Nss1,OPSK_1TX	Pass	1.911G	1.916G	30k	91k	RMS	1.9115G	-23.34	-13.00	-10.34	MBW 1M	-
LTE_3MHz_Nss1,16OAM_1TX	Pass	1.91G	1.911G	30k	91k	RMS	1.91001G	-25.39	-13.00	-12.39	-	-
LTE_5MHz_Nss1,OPSK_1TX	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-25.75	-13.00	-12.75	MBW 1M	-
LTE_5MHz_Nss1,16OAM_1TX	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-28.19	-13.00	-15.19	MBW 1M	-
LTE_10MHz_Nss1,OPSK_1TX	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-28.64	-13.00	-15.64	MBW 1M	-
LTE_10MHz_Nss1,16OAM_1TX	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-30.52	-13.00	-17.52	MBW 1M	-
LTE_15MHz_Nss1,OPSK_1TX	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-30.45	-13.00	-17.45	MBW 1M	-
LTE_15MHz_Nss1,16OAM_1TX	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-32.17	-13.00	-19.17	MBW 1M	-
LTE_20MHz_Nss1,OPSK_1TX	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-32.84	-13.00	-19.84	MBW 1M	-
LTE_20MHz_Nss1,16OAM_1TX	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-33.74	-13.00	-20.74	MBW 1M	-



CSE-TX-Sum Results

Appendix D.4

Result

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 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	122.012k	-60.69	-13.00	-47.69	-	-
1850.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.38	-13.00	-45.38	-	-
1850.7MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	867.6M	-66.60	-13.00	-53.60	-	-
1850.7MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.48438G	-51.53	-13.00	-38.53	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.84568G	-40.55	-13.00	-27.55	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-29.91	-13.00	-16.91	MBW 1M	-
1850.7MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.85G	-30.39	-13.00	-17.39	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91017G	-69.75	-13.00	-56.75	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-57.21	-13.00	-44.21	MBW 1M	-
1850.7MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	3.81683G	-51.91	-13.00	-38.91	-	-
1850.7MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.42	-13.00	-23.42	-	-
1850.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.73k	-63.03	-13.00	-50.03	-	-
1850.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-61.65	-13.00	-48.65	-	-
1850.7MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	924.1M	-66.37	-13.00	-53.37	-	-
1850.7MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.49713G	-50.77	-13.00	-37.77	-	-
1850.7MHz_RB 1,#RB L	Pass	1.5G	1.8472G	1M	3M	RMS	1.84694G	-44.74	-13.00	-31.74	-	-
1850.7MHz_RB 1,#RB L	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-43.00	-13.00	-30.00	MBW 1M	-
1850.7MHz_RB 1,#RB L	Pass	1.849G	1.85G	15k	43k	RMS	1.85G	-28.69	-13.00	-15.69	-	-
1850.7MHz_RB 1,#RB L	Pass	1.91G	1.911G	15k	43k	RMS	1.91074G	-70.18	-13.00	-57.18	-	-
1850.7MHz_RB 1,#RB L	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-57.16	-13.00	-44.16	MBW 1M	-
1850.7MHz_RB 1,#RB L	Pass	1.9128G	5G	1M	3M	RMS	3.82686G	-51.89	-13.00	-38.89	-	-
1850.7MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.661G	-36.63	-13.00	-23.63	-	-
1880MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	119.756k	-61.12	-13.00	-48.12	-	-
1880MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-61.47	-13.00	-48.47	-	-
1880MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	893.54M	-66.36	-13.00	-53.36	-	-
1880MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.21581G	-51.71	-13.00	-38.71	-	-
1880MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.81812G	-50.56	-13.00	-37.56	-	-
1880MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-57.40	-13.00	-44.40	MBW 1M	-
1880MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.84901G	-71.22	-13.00	-58.22	-	-
1880MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91007G	-70.68	-13.00	-57.68	-	-
1880MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9123G	-58.03	-13.00	-45.03	MBW 1M	-
1880MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	3.8423G	-52.10	-13.00	-39.10	-	-
1880MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62575G	-36.55	-13.00	-23.55	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.121k	-61.19	-13.00	-48.19	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.05	-13.00	-46.05	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	791.21M	-66.62	-13.00	-53.62	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.47019G	-52.28	-13.00	-39.28	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.8472G	1M	3M	RMS	1.55277G	-50.14	-13.00	-37.14	-	-
1880MHz_RB 1,#RB L	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-56.96	-13.00	-43.96	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	15k	43k	RMS	1.84901G	-70.80	-13.00	-57.80	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	15k	43k	RMS	1.91044G	-70.99	-13.00	-57.99	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.9128G	15k	43k	RMS	1.9123G	-57.03	-13.00	-44.03	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.9128G	5G	1M	3M	RMS	3.77438G	-52.19	-13.00	-39.19	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61075G	-36.40	-13.00	-23.40	-	-
1909.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	116.23k	-62.38	-13.00	-49.38	-	-
1909.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-60.86	-13.00	-47.86	-	-
1909.3MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	996.36M	-65.98	-13.00	-52.98	-	-
1909.3MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.38619G	-52.19	-13.00	-39.19	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.79434G	-50.55	-13.00	-37.55	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-56.78	-13.00	-43.78	MBW 1M	-
1909.3MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.8499G	-70.60	-13.00	-57.60	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91019G	-32.56	-13.00	-19.56	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1909.3MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-29.26	-13.00	-16.26	MBW 1M	-
1909.3MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	1.9128G	-45.26	-13.00	-32.26	-	-
1909.3MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.613G	-36.57	-13.00	-23.57	-	-
1909.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.13k	-61.34	-13.00	-48.34	-	-
1909.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-55.78	-13.00	-42.78	-	-
1909.3MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	884.81M	-66.66	-13.00	-53.66	-	-
1909.3MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.288G	-51.51	-13.00	-38.51	-	-
1909.3MHz_RB 1,#RB H	Pass	1.5G	1.8472G	1M	3M	RMS	1.63497G	-51.36	-13.00	-38.36	-	-
1909.3MHz_RB 1,#RB H	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-57.38	-13.00	-44.38	MBW 1M	-
1909.3MHz_RB 1,#RB H	Pass	1.849G	1.85G	15k	43k	RMS	1.84966G	-70.99	-13.00	-57.99	-	-
1909.3MHz_RB 1,#RB H	Pass	1.91G	1.911G	15k	43k	RMS	1.91056G	-28.60	-13.00	-15.60	-	-
1909.3MHz_RB 1,#RB H	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-41.05	-13.00	-28.05	MBW 1M	-
1909.3MHz_RB 1,#RB H	Pass	1.9128G	5G	1M	3M	RMS	1.9128G	-48.41	-13.00	-35.41	-	-
1909.3MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.715G	-36.53	-13.00	-23.53	-	-
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	114.75k	-63.75	-13.00	-50.75	-	-
1850.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-59.36	-13.00	-46.36	-	-
1850.7MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	931.86M	-66.13	-13.00	-53.13	-	-
1850.7MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.36975G	-52.29	-13.00	-39.29	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.84681G	-35.89	-13.00	-22.89	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-33.76	-13.00	-20.76	MBW 1M	-
1850.7MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.84998G	-33.52	-13.00	-20.52	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91046G	-69.86	-13.00	-56.86	-	-
1850.7MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9123G	-57.05	-13.00	-44.05	MBW 1M	-
1850.7MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	3.8068G	-52.07	-13.00	-39.07	-	-
1850.7MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.65425G	-36.66	-13.00	-23.66	-	-
1850.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.583k	-63.00	-13.00	-50.00	-	-
1850.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-57.30	-13.00	-44.30	-	-
1850.7MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	800.18M	-67.03	-13.00	-54.03	-	-
1850.7MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.47131G	-51.47	-13.00	-38.47	-	-
1850.7MHz_RB 1,#RB L	Pass	1.5G	1.8472G	1M	3M	RMS	1.84568G	-44.78	-13.00	-31.78	-	-
1850.7MHz_RB 1,#RB L	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-43.74	-13.00	-30.74	MBW 1M	-
1850.7MHz_RB 1,#RB L	Pass	1.849G	1.85G	15k	43k	RMS	1.84999G	-28.40	-13.00	-15.40	-	-
1850.7MHz_RB 1,#RB L	Pass	1.91G	1.911G	15k	43k	RMS	1.91037G	-70.37	-13.00	-57.37	-	-
1850.7MHz_RB 1,#RB L	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-56.48	-13.00	-43.48	MBW 1M	-
1850.7MHz_RB 1,#RB L	Pass	1.9128G	5G	1M	3M	RMS	3.83149G	-52.21	-13.00	-39.21	-	-
1850.7MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.646G	-36.37	-13.00	-23.37	-	-
1880MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.448k	-62.27	-13.00	-49.27	-	-
1880MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-57.22	-13.00	-44.22	-	-
1880MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	942.29M	-66.33	-13.00	-53.33	-	-
1880MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.45731G	-51.88	-13.00	-38.88	-	-
1880MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.76886G	-51.27	-13.00	-38.27	-	-
1880MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-57.38	-13.00	-44.38	MBW 1M	-
1880MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.84956G	-71.70	-13.00	-58.70	-	-
1880MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91042G	-70.34	-13.00	-57.34	-	-
1880MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9123G	-56.82	-13.00	-43.82	MBW 1M	-
1880MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	3.81374G	-52.10	-13.00	-39.10	-	-
1880MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.63175G	-36.46	-13.00	-23.46	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.403k	-62.30	-13.00	-49.30	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.52	-13.00	-45.52	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	584.84M	-66.73	-13.00	-53.73	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.42925G	-51.44	-13.00	-38.44	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.8472G	1M	3M	RMS	1.84646G	-51.26	-13.00	-38.26	-	-
1880MHz_RB 1,#RB L	Pass	1.8472G	1.849G	15k	43k	RMS	1.8477G	-57.23	-13.00	-44.23	MBW 1M	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	15k	43k	RMS	1.84929G	-70.23	-13.00	-57.23	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	15k	43k	RMS	1.91072G	-71.01	-13.00	-58.01	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.9128G	15k	43k	RMS	1.9123G	-57.57	-13.00	-44.57	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.9128G	5G	1M	3M	RMS	3.84654G	-51.85	-13.00	-38.85	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61975G	-36.55	-13.00	-23.55	-	-
1909.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	119.791k	-61.92	-13.00	-48.92	-	-
1909.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.52	-13.00	-46.52	-	-
1909.3MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	838.5M	-66.34	-13.00	-53.34	-	-
1909.3MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.33406G	-52.20	-13.00	-39.20	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.5G	1.8472G	1M	3M	RMS	1.5112G	-51.39	-13.00	-38.39	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-56.97	-13.00	-43.97	MBW 1M	-
1909.3MHz_RB 6,#RB 0	Pass	1.849G	1.85G	15k	43k	RMS	1.84923G	-71.00	-13.00	-58.00	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.91G	1.911G	15k	43k	RMS	1.91012G	-33.59	-13.00	-20.59	-	-
1909.3MHz_RB 6,#RB 0	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-32.12	-13.00	-19.12	MBW 1M	-
1909.3MHz_RB 6,#RB 0	Pass	1.9128G	5G	1M	3M	RMS	1.91319G	-46.01	-13.00	-33.01	-	-
1909.3MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60775G	-36.29	-13.00	-23.29	-	-
1909.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.249k	-62.90	-13.00	-49.90	-	-
1909.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-57.41	-13.00	-44.41	-	-
1909.3MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	968.96M	-66.07	-13.00	-53.07	-	-
1909.3MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.00994G	-51.53	-13.00	-38.53	-	-
1909.3MHz_RB 1,#RB H	Pass	1.5G	1.8472G	1M	3M	RMS	1.75814G	-51.13	-13.00	-38.13	-	-
1909.3MHz_RB 1,#RB H	Pass	1.8472G	1.849G	15k	43k	RMS	1.8485G	-57.22	-13.00	-44.22	MBW 1M	-
1909.3MHz_RB 1,#RB H	Pass	1.849G	1.85G	15k	43k	RMS	1.84963G	-71.16	-13.00	-58.16	-	-
1909.3MHz_RB 1,#RB H	Pass	1.91G	1.911G	15k	43k	RMS	1.91057G	-31.00	-13.00	-18.00	-	-
1909.3MHz_RB 1,#RB H	Pass	1.911G	1.9128G	15k	43k	RMS	1.9115G	-41.68	-13.00	-28.68	MBW 1M	-
1909.3MHz_RB 1,#RB H	Pass	1.9128G	5G	1M	3M	RMS	3.81915G	-49.69	-13.00	-36.69	-	-
1909.3MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.622G	-36.39	-13.00	-23.39	-	-
Band 2_LTE_3MHz_Nss1,OPSK_TX	-	-	-	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	117.323k	-61.98	-13.00	-48.98	-	-
1851.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-62.90	-13.00	-49.90	-	-
1851.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	918.28M	-66.78	-13.00	-53.78	-	-
1851.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.21369G	-51.68	-13.00	-38.68	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.8434G	-36.10	-13.00	-23.10	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8485G	-24.75	-13.00	-11.75	MBW 1M	-
1851.5MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.85G	-33.47	-13.00	-20.47	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.9108G	-72.68	-13.00	-59.68	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9135G	-57.08	-13.00	-44.08	MBW 1M	-
1851.5MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	3.85507G	-51.62	-13.00	-38.62	-	-
1851.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6115G	-36.31	-13.00	-23.31	-	-
1851.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.98k	-63.02	-13.00	-50.02	-	-
1851.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.03	-13.00	-45.03	-	-
1851.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	972.84M	-66.61	-13.00	-53.61	-	-
1851.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.46438G	-51.77	-13.00	-38.77	-	-
1851.5MHz_RB 1,#RB L	Pass	1.5G	1.844G	1M	3M	RMS	1.844G	-47.08	-13.00	-34.08	-	-
1851.5MHz_RB 1,#RB L	Pass	1.844G	1.849G	30k	91k	RMS	1.8475G	-32.30	-13.00	-19.30	MBW 1M	-
1851.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	30k	91k	RMS	1.85G	-26.99	-13.00	-13.99	-	-
1851.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	30k	91k	RMS	1.91025G	-72.85	-13.00	-59.85	-	-
1851.5MHz_RB 1,#RB L	Pass	1.911G	1.916G	30k	91k	RMS	1.9155G	-56.69	-13.00	-43.69	MBW 1M	-
1851.5MHz_RB 1,#RB L	Pass	1.916G	5G	1M	3M	RMS	3.85391G	-52.05	-13.00	-39.05	-	-
1851.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6505G	-36.39	-13.00	-23.39	-	-
1880MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	122.012k	-63.00	-13.00	-50.00	-	-
1880MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-58.55	-13.00	-45.55	-	-
1880MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	877.3M	-65.79	-13.00	-52.79	-	-
1880MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.39869G	-51.79	-13.00	-38.79	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.68903G	-50.73	-13.00	-37.73	-	-
1880MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8455G	-56.81	-13.00	-43.81	MBW 1M	-
1880MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.84998G	-72.87	-13.00	-59.87	-	-
1880MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.91025G	-72.24	-13.00	-59.24	-	-
1880MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9155G	-56.20	-13.00	-43.20	MBW 1M	-
1880MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	3.83849G	-52.25	-13.00	-39.25	-	-
1880MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6355G	-36.39	-13.00	-23.39	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.112k	-65.31	-13.00	-52.31	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-60.31	-13.00	-47.31	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	832.92M	-66.26	-13.00	-53.26	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.49031G	-50.85	-13.00	-37.85	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.844G	1M	3M	RMS	1.7626G	-50.71	-13.00	-37.71	-	-
1880MHz_RB 1,#RB L	Pass	1.844G	1.849G	30k	91k	RMS	1.8445G	-57.12	-13.00	-44.12	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	30k	91k	RMS	1.84994G	-73.01	-13.00	-60.01	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	30k	91k	RMS	1.9104G	-72.39	-13.00	-59.39	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.916G	30k	91k	RMS	1.9125G	-56.66	-13.00	-43.66	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.916G	5G	1M	3M	RMS	3.75715G	-51.96	-13.00	-38.96	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6175G	-36.39	-13.00	-23.39	-	-
1908.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	115.702k	-62.09	-13.00	-49.09	-	-
1908.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-60.99	-13.00	-47.99	-	-
1908.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	888.69M	-66.74	-13.00	-53.74	-	-
1908.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.26663G	-51.56	-13.00	-38.56	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.68976G	-50.55	-13.00	-37.55	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8455G	-56.07	-13.00	-43.07	MBW 1M	-
1908.5MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.84974G	-72.98	-13.00	-59.98	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.91001G	-31.41	-13.00	-18.41	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9115G	-23.34	-13.00	-10.34	MBW 1M	-
1908.5MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	1.916G	-50.79	-13.00	-37.79	-	-
1908.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62875G	-36.43	-13.00	-23.43	-	-
1908.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.742k	-61.41	-13.00	-48.41	-	-
1908.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	187.312k	-60.85	-13.00	-47.85	-	-
1908.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	878.75M	-66.45	-13.00	-53.45	-	-
1908.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.35825G	-52.19	-13.00	-39.19	-	-
1908.5MHz_RB 1,#RB H	Pass	1.5G	1.844G	1M	3M	RMS	1.77619G	-51.32	-13.00	-38.32	-	-
1908.5MHz_RB 1,#RB H	Pass	1.844G	1.849G	30k	91k	RMS	1.8465G	-56.86	-13.00	-43.86	MBW 1M	-
1908.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	30k	91k	RMS	1.84994G	-72.66	-13.00	-59.66	-	-
1908.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	30k	91k	RMS	1.91G	-23.45	-13.00	-10.45	-	-
1908.5MHz_RB 1,#RB H	Pass	1.911G	1.916G	30k	91k	RMS	1.9125G	-32.15	-13.00	-19.15	MBW 1M	-
1908.5MHz_RB 1,#RB H	Pass	1.916G	5G	1M	3M	RMS	3.81921G	-48.76	-13.00	-35.76	-	-
1908.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6265G	-36.35	-13.00	-23.35	-	-
Band 2_LTE_3MHz_Nss1,16OAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	120.32k	-63.53	-13.00	-50.53	-	-
1851.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.93	-13.00	-46.93	-	-
1851.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	859.35M	-66.65	-13.00	-53.65	-	-
1851.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.2985G	-51.83	-13.00	-38.83	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.844G	-36.92	-13.00	-23.92	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8485G	-26.12	-13.00	-13.12	MBW 1M	-
1851.5MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.84999G	-35.02	-13.00	-22.02	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.91048G	-72.83	-13.00	-59.83	-	-
1851.5MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9135G	-57.17	-13.00	-44.17	MBW 1M	-
1851.5MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	3.80649G	-51.65	-13.00	-38.65	-	-
1851.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	14.01275G	-36.39	-13.00	-23.39	-	-
1851.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.236k	-60.70	-13.00	-47.70	-	-
1851.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	4.65M	-62.54	-13.00	-49.54	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1851.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	894.03M	-66.66	-13.00	-53.66	-	-
1851.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.44681G	-51.75	-13.00	-38.75	-	-
1851.5MHz_RB 1,#RB L	Pass	1.5G	1.844G	1M	3M	RMS	1.84224G	-50.14	-13.00	-37.14	-	-
1851.5MHz_RB 1,#RB L	Pass	1.844G	1.849G	30k	91k	RMS	1.8475G	-35.52	-13.00	-22.52	MBW 1M	-
1851.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	30k	91k	RMS	1.84999G	-28.33	-13.00	-15.33	-	-
1851.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	30k	91k	RMS	1.9101G	-72.90	-13.00	-59.90	-	-
1851.5MHz_RB 1,#RB L	Pass	1.911G	1.916G	30k	91k	RMS	1.9115G	-56.82	-13.00	-43.82	MBW 1M	-
1851.5MHz_RB 1,#RB L	Pass	1.916G	5G	1M	3M	RMS	3.84427G	-52.01	-13.00	-39.01	-	-
1851.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.70	-13.00	-23.70	-	-
1880MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	114.68k	-62.19	-13.00	-49.19	-	-
1880MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-57.53	-13.00	-44.53	-	-
1880MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	882.39M	-66.27	-13.00	-53.27	-	-
1880MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.37756G	-52.34	-13.00	-39.34	-	-
1880MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.83476G	-50.60	-13.00	-37.60	-	-
1880MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8475G	-56.69	-13.00	-43.69	MBW 1M	-
1880MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.84912G	-73.14	-13.00	-60.14	-	-
1880MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.91002G	-72.88	-13.00	-59.88	-	-
1880MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9125G	-56.88	-13.00	-43.88	MBW 1M	-
1880MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	3.83039G	-52.19	-13.00	-39.19	-	-
1880MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61675G	-36.32	-13.00	-23.32	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.936k	-62.08	-13.00	-49.08	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-60.33	-13.00	-47.33	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	884.09M	-65.62	-13.00	-52.62	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.46331G	-51.64	-13.00	-38.64	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.844G	1M	3M	RMS	1.72781G	-51.54	-13.00	-38.54	-	-
1880MHz_RB 1,#RB L	Pass	1.844G	1.849G	30k	91k	RMS	1.8455G	-56.91	-13.00	-43.91	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	30k	91k	RMS	1.84915G	-72.73	-13.00	-59.73	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	30k	91k	RMS	1.91068G	-72.64	-13.00	-59.64	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.916G	30k	91k	RMS	1.9115G	-56.94	-13.00	-43.94	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.916G	5G	1M	3M	RMS	3.78529G	-51.76	-13.00	-38.76	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.625G	-36.57	-13.00	-23.57	-	-
1908.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	115.561k	-63.01	-13.00	-50.01	-	-
1908.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-61.59	-13.00	-48.59	-	-
1908.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	883.12M	-66.27	-13.00	-53.27	-	-
1908.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.34975G	-51.55	-13.00	-38.55	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.5G	1.844G	1M	3M	RMS	1.8142G	-51.38	-13.00	-38.38	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.844G	1.849G	30k	91k	RMS	1.8445G	-56.72	-13.00	-43.72	MBW 1M	-
1908.5MHz_RB 15,#RB 0	Pass	1.849G	1.85G	30k	91k	RMS	1.84992G	-73.00	-13.00	-60.00	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.91G	1.911G	30k	91k	RMS	1.91G	-33.46	-13.00	-20.46	-	-
1908.5MHz_RB 15,#RB 0	Pass	1.911G	1.916G	30k	91k	RMS	1.9115G	-26.45	-13.00	-13.45	MBW 1M	-
1908.5MHz_RB 15,#RB 0	Pass	1.916G	5G	1M	3M	RMS	1.916G	-46.91	-13.00	-33.91	-	-
1908.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60475G	-36.32	-13.00	-23.32	-	-
1908.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	118.592k	-61.60	-13.00	-48.60	-	-
1908.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-57.89	-13.00	-44.89	-	-
1908.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	845.29M	-66.55	-13.00	-53.55	-	-
1908.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.45306G	-52.36	-13.00	-39.36	-	-
1908.5MHz_RB 1,#RB H	Pass	1.5G	1.844G	1M	3M	RMS	1.82009G	-49.32	-13.00	-36.32	-	-
1908.5MHz_RB 1,#RB H	Pass	1.844G	1.849G	30k	91k	RMS	1.8485G	-56.96	-13.00	-43.96	MBW 1M	-
1908.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	30k	91k	RMS	1.84989G	-73.14	-13.00	-60.14	-	-
1908.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	30k	91k	RMS	1.91001G	-25.39	-13.00	-12.39	-	-
1908.5MHz_RB 1,#RB H	Pass	1.911G	1.916G	30k	91k	RMS	1.9125G	-31.97	-13.00	-18.97	MBW 1M	-
1908.5MHz_RB 1,#RB H	Pass	1.916G	5G	1M	3M	RMS	3.81883G	-50.70	-13.00	-37.70	-	-
1908.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.60175G	-36.88	-13.00	-23.88	-	-
Band 2_LTE_5MHz_Nss1_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1852.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	116.759k	-65.34	-13.00	-52.34	-	-
1852.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	194.775k	-59.59	-13.00	-46.59	-	-
1852.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	789.75M	-66.63	-13.00	-53.63	-	-
1852.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.37988G	-51.70	-13.00	-38.70	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.83847G	-37.67	-13.00	-24.67	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-27.52	-13.00	-14.52	MBW 1M	-
1852.5MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.85G	-35.08	-13.00	-22.08	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91076G	-70.73	-13.00	-57.73	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-59.35	-13.00	-46.35	MBW 1M	-
1852.5MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.80304G	-51.93	-13.00	-38.93	-	-
1852.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6385G	-36.52	-13.00	-23.52	-	-
1852.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.654k	-63.56	-13.00	-50.56	-	-
1852.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-59.02	-13.00	-46.02	-	-
1852.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	932.83M	-67.04	-13.00	-54.04	-	-
1852.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.35713G	-51.36	-13.00	-38.36	-	-
1852.5MHz_RB 1,#RB L	Pass	1.5G	1.84G	1M	3M	RMS	1.78688G	-51.20	-13.00	-38.20	-	-
1852.5MHz_RB 1,#RB L	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-38.67	-13.00	-25.67	MBW 1M	-
1852.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	51k	150k	RMS	1.84999G	-31.82	-13.00	-18.82	-	-
1852.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	51k	150k	RMS	1.91078G	-70.81	-13.00	-57.81	-	-
1852.5MHz_RB 1,#RB L	Pass	1.911G	1.92G	51k	150k	RMS	1.9125G	-59.27	-13.00	-46.27	MBW 1M	-
1852.5MHz_RB 1,#RB L	Pass	1.92G	5G	1M	3M	RMS	3.81035G	-52.15	-13.00	-39.15	-	-
1852.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6325G	-36.74	-13.00	-23.74	-	-
1880MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	120.637k	-61.86	-13.00	-48.86	-	-
1880MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.76	-13.00	-46.76	-	-
1880MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	827.1M	-65.54	-13.00	-52.54	-	-
1880MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.42994G	-51.50	-13.00	-38.50	-	-
1880MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.76847G	-51.80	-13.00	-38.80	-	-
1880MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.05	-13.00	-46.05	MBW 1M	-
1880MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.84999G	-70.66	-13.00	-57.66	-	-
1880MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91051G	-70.35	-13.00	-57.35	-	-
1880MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-58.86	-13.00	-45.86	MBW 1M	-
1880MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.81882G	-51.92	-13.00	-38.92	-	-
1880MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6085G	-36.43	-13.00	-23.43	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.214k	-63.41	-13.00	-50.41	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-58.79	-13.00	-45.79	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	785.15M	-66.33	-13.00	-53.33	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.436G	-52.17	-13.00	-39.17	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.84G	1M	3M	RMS	1.51466G	-50.66	-13.00	-37.66	-	-
1880MHz_RB 1,#RB L	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.23	-13.00	-46.23	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	51k	150k	RMS	1.84941G	-70.76	-13.00	-57.76	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	51k	150k	RMS	1.91054G	-70.75	-13.00	-57.75	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.92G	51k	150k	RMS	1.9145G	-58.97	-13.00	-45.97	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.92G	5G	1M	3M	RMS	3.75491G	-52.19	-13.00	-39.19	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.601G	-36.20	-13.00	-23.20	-	-
1907.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	121.8k	-60.55	-13.00	-47.55	-	-
1907.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-56.63	-13.00	-43.63	-	-
1907.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	992.24M	-66.12	-13.00	-53.12	-	-
1907.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.46306G	-51.35	-13.00	-38.35	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.79291G	-50.69	-13.00	-37.69	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8455G	-59.38	-13.00	-46.38	MBW 1M	-
1907.5MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.84956G	-70.84	-13.00	-57.84	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91002G	-33.20	-13.00	-20.20	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-25.75	-13.00	-12.75	MBW 1M	-
1907.5MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.81882G	-51.76	-13.00	-38.76	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1907.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60325G	-36.55	-13.00	-23.55	-	-
1907.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.962k	-63.24	-13.00	-50.24	-	-
1907.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-55.96	-13.00	-42.96	-	-
1907.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	999.03M	-66.54	-13.00	-53.54	-	-
1907.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.15475G	-51.21	-13.00	-38.21	-	-
1907.5MHz_RB 1,#RB H	Pass	1.5G	1.84G	1M	3M	RMS	1.71072G	-49.85	-13.00	-36.85	-	-
1907.5MHz_RB 1,#RB H	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.27	-13.00	-46.27	MBW 1M	-
1907.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	51k	150k	RMS	1.84943G	-71.15	-13.00	-58.15	-	-
1907.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	51k	150k	RMS	1.91G	-30.93	-13.00	-17.93	-	-
1907.5MHz_RB 1,#RB H	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-41.11	-13.00	-28.11	MBW 1M	-
1907.5MHz_RB 1,#RB H	Pass	1.92G	5G	1M	3M	RMS	3.81921G	-49.21	-13.00	-36.21	-	-
1907.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.67225G	-36.84	-13.00	-23.84	-	-
Band 2_LTE_5MHz_Nss1,16OAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	119.509k	-63.60	-13.00	-50.60	-	-
1852.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.42	-13.00	-47.42	-	-
1852.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	961.44M	-66.24	-13.00	-53.24	-	-
1852.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.30475G	-51.82	-13.00	-38.82	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.83975G	-40.64	-13.00	-27.64	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-28.19	-13.00	-15.19	MBW 1M	-
1852.5MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.85G	-36.27	-13.00	-23.27	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91062G	-70.71	-13.00	-57.71	-	-
1852.5MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9145G	-59.43	-13.00	-46.43	MBW 1M	-
1852.5MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.85155G	-52.06	-13.00	-39.06	-	-
1852.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.601G	-36.43	-13.00	-23.43	-	-
1852.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.218k	-64.61	-13.00	-51.61	-	-
1852.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-58.57	-13.00	-45.57	-	-
1852.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	933.56M	-66.41	-13.00	-53.41	-	-
1852.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.47231G	-51.98	-13.00	-38.98	-	-
1852.5MHz_RB 1,#RB L	Pass	1.5G	1.84G	1M	3M	RMS	1.76928G	-50.81	-13.00	-37.81	-	-
1852.5MHz_RB 1,#RB L	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-39.84	-13.00	-26.84	MBW 1M	-
1852.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	51k	150k	RMS	1.84999G	-32.18	-13.00	-19.18	-	-
1852.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	51k	150k	RMS	1.91011G	-70.94	-13.00	-57.94	-	-
1852.5MHz_RB 1,#RB L	Pass	1.911G	1.92G	51k	150k	RMS	1.9135G	-59.38	-13.00	-46.38	MBW 1M	-
1852.5MHz_RB 1,#RB L	Pass	1.92G	5G	1M	3M	RMS	3.7911G	-52.11	-13.00	-39.11	-	-
1852.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6265G	-36.58	-13.00	-23.58	-	-
1880MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	122.188k	-62.01	-13.00	-49.01	-	-
1880MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-56.64	-13.00	-43.64	-	-
1880MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	862.5M	-66.49	-13.00	-53.49	-	-
1880MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.21256G	-52.47	-13.00	-39.47	-	-
1880MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.75224G	-49.36	-13.00	-36.36	-	-
1880MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8475G	-59.31	-13.00	-46.31	MBW 1M	-
1880MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.84993G	-71.00	-13.00	-58.00	-	-
1880MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91057G	-70.71	-13.00	-57.71	-	-
1880MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-59.23	-13.00	-46.23	MBW 1M	-
1880MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.86849G	-52.18	-13.00	-39.18	-	-
1880MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.67	-13.00	-23.67	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.019k	-62.98	-13.00	-49.98	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-58.73	-13.00	-45.73	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	888.94M	-66.91	-13.00	-53.91	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.38444G	-52.13	-13.00	-39.13	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.84G	1M	3M	RMS	1.66329G	-50.98	-13.00	-37.98	-	-
1880MHz_RB 1,#RB L	Pass	1.84G	1.849G	51k	150k	RMS	1.8455G	-59.28	-13.00	-46.28	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	51k	150k	RMS	1.84975G	-70.98	-13.00	-57.98	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	51k	150k	RMS	1.91062G	-70.55	-13.00	-57.55	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 1,#RB L	Pass	1.911G	1.92G	51k	150k	RMS	1.9155G	-59.32	-13.00	-46.32	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.92G	5G	1M	3M	RMS	3.8604G	-52.13	-13.00	-39.13	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.601G	-36.05	-13.00	-23.05	-	-
1907.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	118.064k	-63.79	-13.00	-50.79	-	-
1907.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-60.65	-13.00	-47.65	-	-
1907.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	1G	-67.05	-13.00	-54.05	-	-
1907.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.33731G	-52.43	-13.00	-39.43	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.5G	1.84G	1M	3M	RMS	1.73792G	-51.12	-13.00	-38.12	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.84G	1.849G	51k	150k	RMS	1.8485G	-59.41	-13.00	-46.41	MBW 1M	-
1907.5MHz_RB 25,#RB 0	Pass	1.849G	1.85G	51k	150k	RMS	1.84924G	-71.06	-13.00	-58.06	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.91G	1.911G	51k	150k	RMS	1.91002G	-35.82	-13.00	-22.82	-	-
1907.5MHz_RB 25,#RB 0	Pass	1.911G	1.92G	51k	150k	RMS	1.9115G	-28.30	-13.00	-15.30	MBW 1M	-
1907.5MHz_RB 25,#RB 0	Pass	1.92G	5G	1M	3M	RMS	3.83769G	-51.83	-13.00	-38.83	-	-
1907.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6535G	-36.15	-13.00	-23.15	-	-
1907.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.553k	-62.05	-13.00	-49.05	-	-
1907.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-59.70	-13.00	-46.70	-	-
1907.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	798.97M	-66.85	-13.00	-53.85	-	-
1907.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.44125G	-51.13	-13.00	-38.13	-	-
1907.5MHz_RB 1,#RB H	Pass	1.5G	1.84G	1M	3M	RMS	1.77787G	-50.27	-13.00	-37.27	-	-
1907.5MHz_RB 1,#RB H	Pass	1.84G	1.849G	51k	150k	RMS	1.8475G	-59.29	-13.00	-46.29	MBW 1M	-
1907.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	51k	150k	RMS	1.84998G	-70.96	-13.00	-57.96	-	-
1907.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	51k	150k	RMS	1.91G	-31.95	-13.00	-18.95	-	-
1907.5MHz_RB 1,#RB H	Pass	1.911G	1.92G	51k	150k	RMS	1.9135G	-42.17	-13.00	-29.17	MBW 1M	-
1907.5MHz_RB 1,#RB H	Pass	1.92G	5G	1M	3M	RMS	3.81921G	-50.89	-13.00	-37.89	-	-
1907.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6265G	-36.44	-13.00	-23.44	-	-
Band 2_LTE_10MHz_Nss1,OPSK_TTX	-	-	-	-	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	121.306k	-63.54	-13.00	-50.54	-	-
1855MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-57.67	-13.00	-44.67	-	-
1855MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	718.94M	-66.61	-13.00	-53.61	-	-
1855MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.37894G	-52.18	-13.00	-39.18	-	-
1855MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.80707G	-51.22	-13.00	-38.22	-	-
1855MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-31.73	-13.00	-18.73	MBW 1M	-
1855MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.84999G	-37.86	-13.00	-24.86	-	-
1855MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91048G	-68.15	-13.00	-55.15	-	-
1855MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-59.14	-13.00	-46.14	MBW 1M	-
1855MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.81153G	-52.20	-13.00	-39.20	-	-
1855MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60025G	-35.93	-13.00	-22.93	-	-
1855MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.733k	-62.86	-13.00	-49.86	-	-
1855MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	179.85k	-59.50	-13.00	-46.50	-	-
1855MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	866.14M	-66.81	-13.00	-53.81	-	-
1855MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.49806G	-51.39	-13.00	-38.39	-	-
1855MHz_RB 1,#RB L	Pass	1.5G	1.83G	1M	3M	RMS	1.78293G	-50.39	-13.00	-37.39	-	-
1855MHz_RB 1,#RB L	Pass	1.83G	1.849G	100k	300k	RMS	1.8465G	-41.27	-13.00	-28.27	MBW 1M	-
1855MHz_RB 1,#RB L	Pass	1.849G	1.85G	100k	300k	RMS	1.85G	-40.54	-13.00	-27.54	-	-
1855MHz_RB 1,#RB L	Pass	1.91G	1.911G	100k	300k	RMS	1.91044G	-67.87	-13.00	-54.87	-	-
1855MHz_RB 1,#RB L	Pass	1.911G	1.93G	100k	300k	RMS	1.9185G	-59.53	-13.00	-46.53	MBW 1M	-
1855MHz_RB 1,#RB L	Pass	1.93G	5G	1M	3M	RMS	3.83225G	-52.22	-13.00	-39.22	-	-
1855MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.607G	-36.67	-13.00	-23.67	-	-
1880MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	114.715k	-62.53	-13.00	-49.53	-	-
1880MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-59.34	-13.00	-46.34	-	-
1880MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	951.26M	-66.46	-13.00	-53.46	-	-
1880MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.47156G	-51.80	-13.00	-38.80	-	-
1880MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.82344G	-51.49	-13.00	-38.49	-	-
1880MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-53.52	-13.00	-40.52	MBW 1M	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.85G	-61.18	-13.00	-48.18	-	-
1880MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91038G	-62.18	-13.00	-49.18	-	-
1880MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-54.40	-13.00	-41.40	MBW 1M	-
1880MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.81959G	-52.00	-13.00	-39.00	-	-
1880MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6205G	-36.28	-13.00	-23.28	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.609k	-61.22	-13.00	-48.22	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-58.75	-13.00	-45.75	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	973.81M	-66.86	-13.00	-53.86	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.41563G	-51.51	-13.00	-38.51	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.83G	1M	3M	RMS	1.8253G	-50.00	-13.00	-37.00	-	-
1880MHz_RB 1,#RB L	Pass	1.83G	1.849G	100k	300k	RMS	1.8415G	-59.29	-13.00	-46.29	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	100k	300k	RMS	1.84943G	-68.37	-13.00	-55.37	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	100k	300k	RMS	1.91053G	-67.97	-13.00	-54.97	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.93G	100k	300k	RMS	1.9155G	-59.42	-13.00	-46.42	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.93G	5G	1M	3M	RMS	3.75128G	-51.76	-13.00	-38.76	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6235G	-36.73	-13.00	-23.73	-	-
1905MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	119.896k	-62.91	-13.00	-49.91	-	-
1905MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-60.50	-13.00	-47.50	-	-
1905MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	903.97M	-66.66	-13.00	-53.66	-	-
1905MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.40513G	-51.56	-13.00	-38.56	-	-
1905MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.65254G	-50.86	-13.00	-37.86	-	-
1905MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-59.06	-13.00	-46.06	MBW 1M	-
1905MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.84924G	-67.74	-13.00	-54.74	-	-
1905MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91003G	-35.12	-13.00	-22.12	-	-
1905MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-28.64	-13.00	-15.64	MBW 1M	-
1905MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.83992G	-51.95	-13.00	-38.95	-	-
1905MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6085G	-36.24	-13.00	-23.24	-	-
1905MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.214k	-63.62	-13.00	-50.62	-	-
1905MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	172.388k	-59.29	-13.00	-46.29	-	-
1905MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	742.22M	-66.91	-13.00	-53.91	-	-
1905MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.49006G	-52.17	-13.00	-39.17	-	-
1905MHz_RB 1,#RB H	Pass	1.5G	1.83G	1M	3M	RMS	1.81103G	-51.12	-13.00	-38.12	-	-
1905MHz_RB 1,#RB H	Pass	1.83G	1.849G	100k	300k	RMS	1.8465G	-59.46	-13.00	-46.46	MBW 1M	-
1905MHz_RB 1,#RB H	Pass	1.849G	1.85G	100k	300k	RMS	1.84906G	-68.41	-13.00	-55.41	-	-
1905MHz_RB 1,#RB H	Pass	1.91G	1.911G	100k	300k	RMS	1.91G	-40.22	-13.00	-27.22	-	-
1905MHz_RB 1,#RB H	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-45.82	-13.00	-32.82	MBW 1M	-
1905MHz_RB 1,#RB H	Pass	1.93G	5G	1M	3M	RMS	3.81882G	-50.37	-13.00	-37.37	-	-
1905MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6535G	-36.20	-13.00	-23.20	-	-
Band 2_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	119.685k	-62.43	-13.00	-49.43	-	-
1855MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-57.21	-13.00	-44.21	-	-
1855MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	841.89M	-66.60	-13.00	-53.60	-	-
1855MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.39319G	-51.70	-13.00	-38.70	-	-
1855MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.82113G	-51.54	-13.00	-38.54	-	-
1855MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-32.37	-13.00	-19.37	MBW 1M	-
1855MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.84999G	-38.88	-13.00	-25.88	-	-
1855MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91064G	-68.13	-13.00	-55.13	-	-
1855MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-59.56	-13.00	-46.56	MBW 1M	-
1855MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.79618G	-51.80	-13.00	-38.80	-	-
1855MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60325G	-36.63	-13.00	-23.63	-	-
1855MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.694k	-61.23	-13.00	-48.23	-	-
1855MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-60.85	-13.00	-47.85	-	-
1855MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	912.46M	-66.69	-13.00	-53.69	-	-
1855MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.49375G	-52.06	-13.00	-39.06	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1855MHz_RB 1,#RB L	Pass	1.5G	1.83G	1M	3M	RMS	1.66141G	-51.76	-13.00	-38.76	-	-
1855MHz_RB 1,#RB L	Pass	1.83G	1.849G	100k	300k	RMS	1.8465G	-43.15	-13.00	-30.15	MBW 1M	-
1855MHz_RB 1,#RB L	Pass	1.849G	1.85G	100k	300k	RMS	1.85G	-42.42	-13.00	-29.42	-	-
1855MHz_RB 1,#RB L	Pass	1.91G	1.911G	100k	300k	RMS	1.91015G	-68.24	-13.00	-55.24	-	-
1855MHz_RB 1,#RB L	Pass	1.911G	1.93G	100k	300k	RMS	1.9295G	-59.55	-13.00	-46.55	MBW 1M	-
1855MHz_RB 1,#RB L	Pass	1.93G	5G	1M	3M	RMS	3.85566G	-52.18	-13.00	-39.18	-	-
1855MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.62125G	-36.50	-13.00	-23.50	-	-
1880MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	117.64k	-65.06	-13.00	-52.06	-	-
1880MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-55.40	-13.00	-42.40	-	-
1880MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	975.27M	-66.37	-13.00	-53.37	-	-
1880MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.22313G	-52.04	-13.00	-39.04	-	-
1880MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.68682G	-50.94	-13.00	-37.94	-	-
1880MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-53.75	-13.00	-40.75	MBW 1M	-
1880MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.8497G	-61.74	-13.00	-48.74	-	-
1880MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91045G	-62.86	-13.00	-49.86	-	-
1880MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-54.97	-13.00	-41.97	MBW 1M	-
1880MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.77622G	-52.10	-13.00	-39.10	-	-
1880MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.649G	-36.47	-13.00	-23.47	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.813k	-61.91	-13.00	-48.91	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.84	-13.00	-45.84	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	779.81M	-66.39	-13.00	-53.39	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.44538G	-52.51	-13.00	-39.51	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.83G	1M	3M	RMS	1.78116G	-50.94	-13.00	-37.94	-	-
1880MHz_RB 1,#RB L	Pass	1.83G	1.849G	100k	300k	RMS	1.8415G	-59.26	-13.00	-46.26	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	100k	300k	RMS	1.84913G	-68.49	-13.00	-55.49	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	100k	300k	RMS	1.91022G	-67.94	-13.00	-54.94	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.93G	100k	300k	RMS	1.9275G	-59.49	-13.00	-46.49	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.93G	5G	1M	3M	RMS	3.83417G	-52.00	-13.00	-39.00	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6025G	-36.33	-13.00	-23.33	-	-
1905MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	116.689k	-62.97	-13.00	-49.97	-	-
1905MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-56.80	-13.00	-43.80	-	-
1905MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	995.64M	-66.98	-13.00	-53.98	-	-
1905MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.18788G	-52.40	-13.00	-39.40	-	-
1905MHz_RB 50,#RB 0	Pass	1.5G	1.83G	1M	3M	RMS	1.66042G	-50.44	-13.00	-37.44	-	-
1905MHz_RB 50,#RB 0	Pass	1.83G	1.849G	100k	300k	RMS	1.8485G	-59.38	-13.00	-46.38	MBW 1M	-
1905MHz_RB 50,#RB 0	Pass	1.849G	1.85G	100k	300k	RMS	1.84985G	-68.17	-13.00	-55.17	-	-
1905MHz_RB 50,#RB 0	Pass	1.91G	1.911G	100k	300k	RMS	1.91003G	-37.81	-13.00	-24.81	-	-
1905MHz_RB 50,#RB 0	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-30.52	-13.00	-17.52	MBW 1M	-
1905MHz_RB 50,#RB 0	Pass	1.93G	5G	1M	3M	RMS	3.86679G	-51.73	-13.00	-38.73	-	-
1905MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6385G	-36.39	-13.00	-23.39	-	-
1905MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	115.878k	-61.06	-13.00	-48.06	-	-
1905MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-57.28	-13.00	-44.28	-	-
1905MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	918.28M	-66.14	-13.00	-53.14	-	-
1905MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.49431G	-51.31	-13.00	-38.31	-	-
1905MHz_RB 1,#RB H	Pass	1.5G	1.83G	1M	3M	RMS	1.70522G	-50.14	-13.00	-37.14	-	-
1905MHz_RB 1,#RB H	Pass	1.83G	1.849G	100k	300k	RMS	1.8455G	-59.55	-13.00	-46.55	MBW 1M	-
1905MHz_RB 1,#RB H	Pass	1.849G	1.85G	100k	300k	RMS	1.84969G	-68.52	-13.00	-55.52	-	-
1905MHz_RB 1,#RB H	Pass	1.91G	1.911G	100k	300k	RMS	1.91001G	-41.56	-13.00	-28.56	-	-
1905MHz_RB 1,#RB H	Pass	1.911G	1.93G	100k	300k	RMS	1.9115G	-46.92	-13.00	-33.92	MBW 1M	-
1905MHz_RB 1,#RB H	Pass	1.93G	5G	1M	3M	RMS	3.81843G	-51.37	-13.00	-38.37	-	-
1905MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.72775G	-36.70	-13.00	-23.70	-	-
Band 2_LTE_15MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	121.976k	-63.03	-13.00	-50.03	-	-
1857.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-55.59	-13.00	-42.59	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1857.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	897.42M	-66.14	-13.00	-53.14	-	-
1857.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.42713G	-52.02	-13.00	-39.02	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.53756G	-50.66	-13.00	-37.66	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-33.95	-13.00	-20.95	MBW 1M	-
1857.5MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.85G	-38.96	-13.00	-25.96	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91095G	-63.98	-13.00	-50.98	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-57.13	-13.00	-44.13	MBW 1M	-
1857.5MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.83758G	-52.08	-13.00	-39.08	-	-
1857.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60175G	-36.54	-13.00	-23.54	-	-
1857.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.87k	-61.02	-13.00	-48.02	-	-
1857.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-55.61	-13.00	-42.61	-	-
1857.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	917.55M	-66.76	-13.00	-53.76	-	-
1857.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.29375G	-51.78	-13.00	-38.78	-	-
1857.5MHz_RB 1,#RB L	Pass	1.5G	1.82G	1M	3M	RMS	1.5506G	-51.68	-13.00	-38.68	-	-
1857.5MHz_RB 1,#RB L	Pass	1.82G	1.849G	150k	470k	RMS	1.8445G	-44.03	-13.00	-31.03	MBW 1M	-
1857.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	150k	470k	RMS	1.84999G	-43.29	-13.00	-30.29	-	-
1857.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	150k	470k	RMS	1.91055G	-66.50	-13.00	-53.50	-	-
1857.5MHz_RB 1,#RB L	Pass	1.911G	1.94G	150k	470k	RMS	1.9315G	-57.90	-13.00	-44.90	MBW 1M	-
1857.5MHz_RB 1,#RB L	Pass	1.94G	5G	1M	3M	RMS	3.83988G	-52.25	-13.00	-39.25	-	-
1857.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.62125G	-36.56	-13.00	-23.56	-	-
1880MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	116.654k	-61.80	-13.00	-48.80	-	-
1880MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-57.00	-13.00	-44.00	-	-
1880MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	999.27M	-66.67	-13.00	-53.67	-	-
1880MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.24144G	-51.54	-13.00	-38.54	-	-
1880MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.70356G	-51.41	-13.00	-38.41	-	-
1880MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-46.08	-13.00	-33.08	MBW 1M	-
1880MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.84999G	-51.84	-13.00	-38.84	-	-
1880MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91006G	-51.39	-13.00	-38.39	-	-
1880MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-46.31	-13.00	-33.31	MBW 1M	-
1880MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.81157G	-52.07	-13.00	-39.07	-	-
1880MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.63025G	-36.50	-13.00	-23.50	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.214k	-62.30	-13.00	-49.30	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-58.80	-13.00	-45.80	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	928.71M	-66.29	-13.00	-53.29	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.36069G	-51.63	-13.00	-38.63	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.82G	1M	3M	RMS	1.69348G	-50.82	-13.00	-37.82	-	-
1880MHz_RB 1,#RB L	Pass	1.82G	1.849G	150k	470k	RMS	1.8415G	-56.20	-13.00	-43.20	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	150k	470k	RMS	1.84931G	-66.69	-13.00	-53.69	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	150k	470k	RMS	1.91083G	-66.50	-13.00	-53.50	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-59.25	-13.00	-46.25	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.94G	5G	1M	3M	RMS	3.74655G	-52.17	-13.00	-39.17	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60175G	-36.56	-13.00	-23.56	-	-
1902.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	121.835k	-62.27	-13.00	-49.27	-	-
1902.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-55.87	-13.00	-42.87	-	-
1902.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	863.47M	-65.97	-13.00	-52.97	-	-
1902.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.25225G	-50.78	-13.00	-37.78	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.56596G	-51.30	-13.00	-38.30	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-54.63	-13.00	-41.63	MBW 1M	-
1902.5MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.84928G	-61.41	-13.00	-48.41	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91004G	-35.78	-13.00	-22.78	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-30.45	-13.00	-17.45	MBW 1M	-
1902.5MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.80392G	-52.10	-13.00	-39.10	-	-
1902.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.613G	-36.34	-13.00	-23.34	-	-
1902.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	122.082k	-63.06	-13.00	-50.06	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1902.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-56.53	-13.00	-43.53	-	-
1902.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	905.67M	-66.34	-13.00	-53.34	-	-
1902.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.11844G	-52.48	-13.00	-39.48	-	-
1902.5MHz_RB 1,#RB H	Pass	1.5G	1.82G	1M	3M	RMS	1.80056G	-51.33	-13.00	-38.33	-	-
1902.5MHz_RB 1,#RB H	Pass	1.82G	1.849G	150k	470k	RMS	1.8455G	-59.40	-13.00	-46.40	MBW 1M	-
1902.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	150k	470k	RMS	1.84909G	-66.64	-13.00	-53.64	-	-
1902.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	150k	470k	RMS	1.91004G	-43.59	-13.00	-30.59	-	-
1902.5MHz_RB 1,#RB H	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-46.77	-13.00	-33.77	MBW 1M	-
1902.5MHz_RB 1,#RB H	Pass	1.94G	5G	1M	3M	RMS	3.81808G	-50.72	-13.00	-37.72	-	-
1902.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.62125G	-36.37	-13.00	-23.37	-	-
Band 2_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	117.5k	-64.97	-13.00	-51.97	-	-
1857.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-56.70	-13.00	-43.70	-	-
1857.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	992M	-66.76	-13.00	-53.76	-	-
1857.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.305G	-52.03	-13.00	-39.03	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.75248G	-51.53	-13.00	-38.53	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-34.80	-13.00	-21.80	MBW 1M	-
1857.5MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.84997G	-40.46	-13.00	-27.46	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91011G	-64.97	-13.00	-51.97	-	-
1857.5MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9315G	-57.85	-13.00	-44.85	MBW 1M	-
1857.5MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.84447G	-52.19	-13.00	-39.19	-	-
1857.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.634G	-36.90	-13.00	-23.90	-	-
1857.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.381k	-62.27	-13.00	-49.27	-	-
1857.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-53.87	-13.00	-40.87	-	-
1857.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	934.53M	-66.10	-13.00	-53.10	-	-
1857.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.24388G	-52.05	-13.00	-39.05	-	-
1857.5MHz_RB 1,#RB L	Pass	1.5G	1.82G	1M	3M	RMS	1.59652G	-50.89	-13.00	-37.89	-	-
1857.5MHz_RB 1,#RB L	Pass	1.82G	1.849G	150k	470k	RMS	1.8445G	-46.04	-13.00	-33.04	MBW 1M	-
1857.5MHz_RB 1,#RB L	Pass	1.849G	1.85G	150k	470k	RMS	1.85G	-44.13	-13.00	-31.13	-	-
1857.5MHz_RB 1,#RB L	Pass	1.91G	1.911G	150k	470k	RMS	1.91091G	-66.57	-13.00	-53.57	-	-
1857.5MHz_RB 1,#RB L	Pass	1.911G	1.94G	150k	470k	RMS	1.9315G	-57.83	-13.00	-44.83	MBW 1M	-
1857.5MHz_RB 1,#RB L	Pass	1.94G	5G	1M	3M	RMS	3.83223G	-51.86	-13.00	-38.86	-	-
1857.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.62425G	-36.32	-13.00	-23.32	-	-
1880MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	116.794k	-62.88	-13.00	-49.88	-	-
1880MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-57.75	-13.00	-44.75	-	-
1880MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	793.15M	-66.68	-13.00	-53.68	-	-
1880MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.39113G	-51.38	-13.00	-38.38	-	-
1880MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.6812G	-50.63	-13.00	-37.63	-	-
1880MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-48.11	-13.00	-35.11	MBW 1M	-
1880MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.84993G	-54.23	-13.00	-41.23	-	-
1880MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91006G	-54.77	-13.00	-41.77	-	-
1880MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-48.82	-13.00	-35.82	MBW 1M	-
1880MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.79972G	-52.03	-13.00	-39.03	-	-
1880MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.64825G	-36.73	-13.00	-23.73	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.835k	-63.92	-13.00	-50.92	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-56.03	-13.00	-43.03	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	968.72M	-66.57	-13.00	-53.57	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.396G	-51.32	-13.00	-38.32	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.82G	1M	3M	RMS	1.77272G	-50.47	-13.00	-37.47	-	-
1880MHz_RB 1,#RB L	Pass	1.82G	1.849G	150k	470k	RMS	1.8415G	-55.95	-13.00	-42.95	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	150k	470k	RMS	1.84907G	-66.52	-13.00	-53.52	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	150k	470k	RMS	1.91043G	-66.85	-13.00	-53.85	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-59.39	-13.00	-46.39	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.94G	5G	1M	3M	RMS	3.87392G	-52.19	-13.00	-39.19	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6235G	-36.66	-13.00	-23.66	-	-
1902.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	115.032k	-62.77	-13.00	-49.77	-	-
1902.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-54.19	-13.00	-41.19	-	-
1902.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	749.98M	-66.50	-13.00	-53.50	-	-
1902.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.49663G	-51.52	-13.00	-38.52	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.5G	1.82G	1M	3M	RMS	1.69804G	-50.66	-13.00	-37.66	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.82G	1.849G	150k	470k	RMS	1.8485G	-56.45	-13.00	-43.45	MBW 1M	-
1902.5MHz_RB 75,#RB 0	Pass	1.849G	1.85G	150k	470k	RMS	1.84994G	-63.51	-13.00	-50.51	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.91G	1.911G	150k	470k	RMS	1.91004G	-38.05	-13.00	-25.05	-	-
1902.5MHz_RB 75,#RB 0	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-32.17	-13.00	-19.17	MBW 1M	-
1902.5MHz_RB 75,#RB 0	Pass	1.94G	5G	1M	3M	RMS	3.82687G	-52.09	-13.00	-39.09	-	-
1902.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.66325G	-36.21	-13.00	-23.21	-	-
1902.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	119.579k	-61.83	-13.00	-48.83	-	-
1902.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-53.88	-13.00	-40.88	-	-
1902.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	876.08M	-66.21	-13.00	-53.21	-	-
1902.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.48988G	-52.22	-13.00	-39.22	-	-
1902.5MHz_RB 1,#RB H	Pass	1.5G	1.82G	1M	3M	RMS	1.62992G	-51.18	-13.00	-38.18	-	-
1902.5MHz_RB 1,#RB H	Pass	1.82G	1.849G	150k	470k	RMS	1.8445G	-59.39	-13.00	-46.39	MBW 1M	-
1902.5MHz_RB 1,#RB H	Pass	1.849G	1.85G	150k	470k	RMS	1.84988G	-66.58	-13.00	-53.58	-	-
1902.5MHz_RB 1,#RB H	Pass	1.91G	1.911G	150k	470k	RMS	1.91003G	-45.07	-13.00	-32.07	-	-
1902.5MHz_RB 1,#RB H	Pass	1.911G	1.94G	150k	470k	RMS	1.9115G	-47.79	-13.00	-34.79	MBW 1M	-
1902.5MHz_RB 1,#RB H	Pass	1.94G	5G	1M	3M	RMS	3.81808G	-50.23	-13.00	-37.23	-	-
1902.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.65725G	-36.20	-13.00	-23.20	-	-
Band 2_LTE_20MHz_Nss1,OPSK_ITX	-	-	-	-	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	117.887k	-62.86	-13.00	-49.86	-	-
1860MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-55.72	-13.00	-42.72	-	-
1860MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	869.29M	-65.98	-13.00	-52.98	-	-
1860MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.49163G	-51.55	-13.00	-38.55	-	-
1860MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.60804G	-50.89	-13.00	-37.89	-	-
1860MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-35.12	-13.00	-22.12	MBW 1M	-
1860MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84996G	-38.90	-13.00	-25.90	-	-
1860MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.91026G	-59.27	-13.00	-46.27	-	-
1860MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-54.37	-13.00	-41.37	MBW 1M	-
1860MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.83986G	-52.13	-13.00	-39.13	-	-
1860MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62425G	-36.51	-13.00	-23.51	-	-
1860MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.46k	-63.15	-13.00	-50.15	-	-
1860MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-54.16	-13.00	-41.16	-	-
1860MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	795.33M	-66.70	-13.00	-53.70	-	-
1860MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.22038G	-52.33	-13.00	-39.33	-	-
1860MHz_RB 1,#RB L	Pass	1.5G	1.81G	1M	3M	RMS	1.67771G	-51.44	-13.00	-38.44	-	-
1860MHz_RB 1,#RB L	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-46.75	-13.00	-33.75	MBW 1M	-
1860MHz_RB 1,#RB L	Pass	1.849G	1.85G	200k	620k	RMS	1.84999G	-45.49	-13.00	-32.49	-	-
1860MHz_RB 1,#RB L	Pass	1.91G	1.911G	200k	620k	RMS	1.91098G	-65.49	-13.00	-52.49	-	-
1860MHz_RB 1,#RB L	Pass	1.911G	1.95G	200k	620k	RMS	1.9315G	-58.11	-13.00	-45.11	MBW 1M	-
1860MHz_RB 1,#RB L	Pass	1.95G	5G	1M	3M	RMS	3.83376G	-51.91	-13.00	-38.91	-	-
1860MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6115G	-35.92	-13.00	-22.92	-	-
1880MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	119.791k	-61.63	-13.00	-48.63	-	-
1880MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-54.88	-13.00	-41.88	-	-
1880MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	884.33M	-66.08	-13.00	-53.08	-	-
1880MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.18094G	-51.63	-13.00	-38.63	-	-
1880MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.64248G	-51.17	-13.00	-38.17	-	-
1880MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8415G	-45.00	-13.00	-32.00	MBW 1M	-
1880MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84971G	-50.82	-13.00	-37.82	-	-
1880MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.91095G	-49.29	-13.00	-36.29	-	-



CSE-TX-Sum Results

Appendix D.4

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)
1880MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-44.00	-13.00	-31.00	MBW 1M	-
1880MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.81889G	-51.99	-13.00	-38.99	-	-
1880MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.607G	-36.50	-13.00	-23.50	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	115.596k	-61.42	-13.00	-48.42	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	4.06M	-58.69	-13.00	-45.69	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	790.97M	-66.63	-13.00	-53.63	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.3G	-52.51	-13.00	-39.51	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.81G	1M	3M	RMS	1.65795G	-51.19	-13.00	-38.19	-	-
1880MHz_RB 1,#RB L	Pass	1.81G	1.849G	200k	620k	RMS	1.8415G	-51.58	-13.00	-38.58	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	200k	620k	RMS	1.84949G	-65.59	-13.00	-52.59	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	200k	620k	RMS	1.91022G	-65.41	-13.00	-52.41	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.95G	200k	620k	RMS	1.9185G	-59.24	-13.00	-46.24	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.95G	5G	1M	3M	RMS	3.88942G	-52.24	-13.00	-39.24	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6205G	-36.59	-13.00	-23.59	-	-
1900MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	119.403k	-63.44	-13.00	-50.44	-	-
1900MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-58.26	-13.00	-45.26	-	-
1900MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	759.44M	-65.69	-13.00	-52.69	-	-
1900MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.22925G	-51.41	-13.00	-38.41	-	-
1900MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.80027G	-50.99	-13.00	-37.99	-	-
1900MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-49.77	-13.00	-36.77	MBW 1M	-
1900MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84986G	-55.18	-13.00	-42.18	-	-
1900MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.91003G	-36.75	-13.00	-23.75	-	-
1900MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-32.84	-13.00	-19.84	MBW 1M	-
1900MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.81584G	-51.96	-13.00	-38.96	-	-
1900MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6145G	-36.55	-13.00	-23.55	-	-
1900MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.659k	-60.99	-13.00	-47.99	-	-
1900MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-52.84	-13.00	-39.84	-	-
1900MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	968.72M	-66.80	-13.00	-53.80	-	-
1900MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.34488G	-51.89	-13.00	-38.89	-	-
1900MHz_RB 1,#RB H	Pass	1.5G	1.81G	1M	3M	RMS	1.71444G	-50.89	-13.00	-37.89	-	-
1900MHz_RB 1,#RB H	Pass	1.81G	1.849G	200k	620k	RMS	1.8465G	-59.55	-13.00	-46.55	MBW 1M	-
1900MHz_RB 1,#RB H	Pass	1.849G	1.85G	200k	620k	RMS	1.8491G	-65.77	-13.00	-52.77	-	-
1900MHz_RB 1,#RB H	Pass	1.91G	1.911G	200k	620k	RMS	1.91G	-45.66	-13.00	-32.66	-	-
1900MHz_RB 1,#RB H	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-47.22	-13.00	-34.22	MBW 1M	-
1900MHz_RB 1,#RB H	Pass	1.95G	5G	1M	3M	RMS	3.81774G	-50.42	-13.00	-37.42	-	-
1900MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.61375G	-36.48	-13.00	-23.48	-	-
Band 2_LTE_20MHz_Nss1,160AM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	121.483k	-62.20	-13.00	-49.20	-	-
1860MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-52.54	-13.00	-39.54	-	-
1860MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	888.21M	-65.49	-13.00	-52.49	-	-
1860MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.385G	-51.52	-13.00	-38.52	-	-
1860MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.79345G	-51.09	-13.00	-38.09	-	-
1860MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-36.33	-13.00	-23.33	MBW 1M	-
1860MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84999G	-40.30	-13.00	-27.30	-	-
1860MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.91023G	-60.54	-13.00	-47.54	-	-
1860MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-55.75	-13.00	-42.75	MBW 1M	-
1860MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.84481G	-51.66	-13.00	-38.66	-	-
1860MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60475G	-36.08	-13.00	-23.08	-	-
1860MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.134k	-63.42	-13.00	-50.42	-	-
1860MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-54.45	-13.00	-41.45	-	-
1860MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	915.13M	-66.76	-13.00	-53.76	-	-
1860MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.37856G	-51.50	-13.00	-38.50	-	-
1860MHz_RB 1,#RB L	Pass	1.5G	1.81G	1M	3M	RMS	1.59246G	-51.46	-13.00	-38.46	-	-
1860MHz_RB 1,#RB L	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-47.73	-13.00	-34.73	MBW 1M	-



CSE-TX-Sum Results

Appendix D.4

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)
1860MHz_RB 1,#RB L	Pass	1.849G	1.85G	200k	620k	RMS	1.85G	-47.22	-13.00	-34.22	-	-
1860MHz_RB 1,#RB L	Pass	1.91G	1.911G	200k	620k	RMS	1.91055G	-66.00	-13.00	-53.00	-	-
1860MHz_RB 1,#RB L	Pass	1.911G	1.95G	200k	620k	RMS	1.9325G	-58.13	-13.00	-45.13	MBW 1M	-
1860MHz_RB 1,#RB L	Pass	1.95G	5G	1M	3M	RMS	3.8654G	-52.03	-13.00	-39.03	-	-
1860MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.634G	-36.59	-13.00	-23.59	-	-
1880MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	121.024k	-60.34	-13.00	-47.34	-	-
1880MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-54.64	-13.00	-41.64	-	-
1880MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	907.12M	-66.50	-13.00	-53.50	-	-
1880MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.38819G	-50.89	-13.00	-37.89	-	-
1880MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.75583G	-51.42	-13.00	-38.42	-	-
1880MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-45.14	-13.00	-32.14	MBW 1M	-
1880MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84968G	-50.56	-13.00	-37.56	-	-
1880MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.911G	-49.71	-13.00	-36.71	-	-
1880MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-44.45	-13.00	-31.45	MBW 1M	-
1880MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.79144G	-52.18	-13.00	-39.18	-	-
1880MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60475G	-35.80	-13.00	-22.80	-	-
1880MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.086k	-64.22	-13.00	-51.22	-	-
1880MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-55.38	-13.00	-42.38	-	-
1880MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	800.42M	-66.90	-13.00	-53.90	-	-
1880MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.45625G	-51.14	-13.00	-38.14	-	-
1880MHz_RB 1,#RB L	Pass	1.5G	1.81G	1M	3M	RMS	1.67728G	-50.94	-13.00	-37.94	-	-
1880MHz_RB 1,#RB L	Pass	1.81G	1.849G	200k	620k	RMS	1.8415G	-51.41	-13.00	-38.41	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.849G	1.85G	200k	620k	RMS	1.84951G	-65.65	-13.00	-52.65	-	-
1880MHz_RB 1,#RB L	Pass	1.91G	1.911G	200k	620k	RMS	1.91086G	-65.51	-13.00	-52.51	-	-
1880MHz_RB 1,#RB L	Pass	1.911G	1.95G	200k	620k	RMS	1.9185G	-59.35	-13.00	-46.35	MBW 1M	-
1880MHz_RB 1,#RB L	Pass	1.95G	5G	1M	3M	RMS	3.78191G	-52.23	-13.00	-39.23	-	-
1880MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61075G	-36.26	-13.00	-23.26	-	-
1900MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	115.49k	-62.94	-13.00	-49.94	-	-
1900MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-56.15	-13.00	-43.15	-	-
1900MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	966.05M	-66.43	-13.00	-53.43	-	-
1900MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.3785G	-52.45	-13.00	-39.45	-	-
1900MHz_RB 100,#RB 0	Pass	1.5G	1.81G	1M	3M	RMS	1.6731G	-51.62	-13.00	-38.62	-	-
1900MHz_RB 100,#RB 0	Pass	1.81G	1.849G	200k	620k	RMS	1.8485G	-51.79	-13.00	-38.79	MBW 1M	-
1900MHz_RB 100,#RB 0	Pass	1.849G	1.85G	200k	620k	RMS	1.84983G	-56.04	-13.00	-43.04	-	-
1900MHz_RB 100,#RB 0	Pass	1.91G	1.911G	200k	620k	RMS	1.91G	-38.59	-13.00	-25.59	-	-
1900MHz_RB 100,#RB 0	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-33.74	-13.00	-20.74	MBW 1M	-
1900MHz_RB 100,#RB 0	Pass	1.95G	5G	1M	3M	RMS	3.86349G	-51.93	-13.00	-38.93	-	-
1900MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61G	-36.30	-13.00	-23.30	-	-
1900MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	115.349k	-64.98	-13.00	-51.98	-	-
1900MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-55.02	-13.00	-42.02	-	-
1900MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	871.48M	-65.84	-13.00	-52.84	-	-
1900MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.32244G	-51.15	-13.00	-38.15	-	-
1900MHz_RB 1,#RB H	Pass	1.5G	1.81G	1M	3M	RMS	1.52573G	-50.74	-13.00	-37.74	-	-
1900MHz_RB 1,#RB H	Pass	1.81G	1.849G	200k	620k	RMS	1.8455G	-59.67	-13.00	-46.67	MBW 1M	-
1900MHz_RB 1,#RB H	Pass	1.849G	1.85G	200k	620k	RMS	1.84926G	-65.79	-13.00	-52.79	-	-
1900MHz_RB 1,#RB H	Pass	1.91G	1.911G	200k	620k	RMS	1.91G	-46.89	-13.00	-33.89	-	-
1900MHz_RB 1,#RB H	Pass	1.911G	1.95G	200k	620k	RMS	1.9115G	-48.04	-13.00	-35.04	MBW 1M	-
1900MHz_RB 1,#RB H	Pass	1.95G	5G	1M	3M	RMS	3.81736G	-51.12	-13.00	-38.12	-	-
1900MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.604G	-36.14	-13.00	-23.14	-	-



<Mode 5> EUT 2 + LTE Band 4 Link

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 4	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,OPSK_1TX	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-23.31	-13.00	-10.31	MBW 1M	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-27.38	-13.00	-14.38	MBW 1M	-
LTE_3MHz_Nss1,OPSK_1TX	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-18.92	-13.00	-5.92	MBW 1M	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-23.24	-13.00	-10.24	MBW 1M	-
LTE_5MHz_Nss1,OPSK_1TX	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-21.38	-13.00	-8.38	MBW 1M	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-25.51	-13.00	-12.51	MBW 1M	-
LTE_10MHz_Nss1,OPSK_1TX	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-26.03	-13.00	-13.03	MBW 1M	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-29.45	-13.00	-16.45	MBW 1M	-
LTE_15MHz_Nss1,OPSK_1TX	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-29.03	-13.00	-16.03	MBW 1M	-
LTE_15MHz_Nss1,16QAM_1TX	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-31.94	-13.00	-18.94	MBW 1M	-
LTE_20MHz_Nss1,OPSK_1TX	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-31.20	-13.00	-18.20	MBW 1M	-
LTE_20MHz_Nss1,16QAM_1TX	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-33.27	-13.00	-20.27	MBW 1M	-



Result

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 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	119.227k	-58.28	-13.00	-45.28	-	-
1710.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.53	-13.00	-45.53	-	-
1710.7MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	770.98M	-63.48	-13.00	-50.48	-	-
1710.7MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.348G	-54.50	-13.00	-41.50	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.70616G	-36.66	-13.00	-23.66	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-23.31	-13.00	-10.31	MBW 1M	-
1710.7MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70997G	-26.13	-13.00	-13.13	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.75501G	-69.66	-13.00	-56.66	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-57.76	-13.00	-44.76	MBW 1M	-
1710.7MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	2.11039G	-42.70	-13.00	-29.70	-	-
1710.7MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.64G	-36.54	-13.00	-23.54	-	-
1710.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.75k	-57.07	-13.00	-44.07	-	-
1710.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.33	-13.00	-48.33	-	-
1710.7MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	942.82M	-63.66	-13.00	-50.66	-	-
1710.7MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.3415G	-54.39	-13.00	-41.39	-	-
1710.7MHz_RB 1,#RB L	Pass	1.5G	1.7072G	1M	3M	RMS	1.70616G	-42.38	-13.00	-29.38	-	-
1710.7MHz_RB 1,#RB L	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-38.64	-13.00	-25.64	MBW 1M	-
1710.7MHz_RB 1,#RB L	Pass	1.709G	1.71G	15k	43k	RMS	1.70997G	-24.58	-13.00	-11.58	-	-
1710.7MHz_RB 1,#RB L	Pass	1.755G	1.756G	15k	43k	RMS	1.75531G	-70.88	-13.00	-57.88	-	-
1710.7MHz_RB 1,#RB L	Pass	1.756G	1.7578G	15k	43k	RMS	1.7573G	-56.96	-13.00	-43.96	MBW 1M	-
1710.7MHz_RB 1,#RB L	Pass	1.7578G	5G	1M	3M	RMS	2.11039G	-41.91	-13.00	-28.91	-	-
1710.7MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.601G	-36.77	-13.00	-23.77	-	-
1732.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	114.715k	-62.82	-13.00	-49.82	-	-
1732.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-56.68	-13.00	-43.68	-	-
1732.5MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	910.23M	-63.11	-13.00	-50.11	-	-
1732.5MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.489G	-55.00	-13.00	-42.00	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.62121G	-54.48	-13.00	-41.48	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7077G	-57.74	-13.00	-44.74	MBW 1M	-
1732.5MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70989G	-70.09	-13.00	-57.09	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.75544G	-69.48	-13.00	-56.48	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-57.75	-13.00	-44.75	MBW 1M	-
1732.5MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	3.78377G	-52.10	-13.00	-39.10	-	-
1732.5MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6145G	-36.73	-13.00	-23.73	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.377k	-61.94	-13.00	-48.94	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-55.63	-13.00	-42.63	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	821.81M	-62.85	-13.00	-49.85	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.2805G	-55.18	-13.00	-42.18	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.7072G	1M	3M	RMS	1.65312G	-54.14	-13.00	-41.14	-	-
1732.5MHz_RB 1,#RB L	Pass	1.7072G	1.709G	15k	43k	RMS	1.7077G	-57.68	-13.00	-44.68	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	15k	43k	RMS	1.70916G	-70.87	-13.00	-57.87	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	15k	43k	RMS	1.7554G	-69.54	-13.00	-56.54	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-57.49	-13.00	-44.49	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.7578G	5G	1M	3M	RMS	3.81903G	-52.06	-13.00	-39.06	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.622G	-36.53	-13.00	-23.53	-	-
1754.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	117.429k	-62.77	-13.00	-49.77	-	-
1754.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-62.21	-13.00	-49.21	-	-
1754.3MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	867.89M	-63.26	-13.00	-50.26	-	-
1754.3MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.2745G	-54.24	-13.00	-41.24	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.69207G	-54.26	-13.00	-41.26	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7077G	-57.38	-13.00	-44.38	MBW 1M	-
1754.3MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70932G	-70.60	-13.00	-57.60	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.75503G	-33.44	-13.00	-20.44	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1754.3MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-31.80	-13.00	-18.80	MBW 1M	-
1754.3MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	1.7578G	-42.78	-13.00	-29.78	-	-
1754.3MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.616G	-36.74	-13.00	-23.74	-	-
1754.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	116.654k	-62.33	-13.00	-49.33	-	-
1754.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	179.85k	-62.40	-13.00	-49.40	-	-
1754.3MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	925.6M	-62.94	-13.00	-49.94	-	-
1754.3MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.4825G	-55.08	-13.00	-42.08	-	-
1754.3MHz_RB 1,#RB H	Pass	1.5G	1.7072G	1M	3M	RMS	1.66908G	-53.83	-13.00	-40.83	-	-
1754.3MHz_RB 1,#RB H	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-57.12	-13.00	-44.12	MBW 1M	-
1754.3MHz_RB 1,#RB H	Pass	1.709G	1.71G	15k	43k	RMS	1.70909G	-71.87	-13.00	-58.87	-	-
1754.3MHz_RB 1,#RB H	Pass	1.755G	1.756G	15k	43k	RMS	1.75508G	-33.29	-13.00	-20.29	-	-
1754.3MHz_RB 1,#RB H	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-41.56	-13.00	-28.56	MBW 1M	-
1754.3MHz_RB 1,#RB H	Pass	1.7578G	5G	1M	3M	RMS	1.75902G	-47.51	-13.00	-34.51	-	-
1754.3MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.60025G	-36.68	-13.00	-23.68	-	-
Band 4_LTE_1.4MHz_Nss1_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.166k	-58.33	-13.00	-45.33	-	-
1710.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.35	-13.00	-45.35	-	-
1710.7MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	907.61M	-63.42	-13.00	-50.42	-	-
1710.7MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.237G	-54.53	-13.00	-41.53	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.70699G	-39.69	-13.00	-26.69	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-27.38	-13.00	-14.38	MBW 1M	-
1710.7MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70997G	-31.16	-13.00	-18.16	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.7553G	-70.46	-13.00	-57.46	-	-
1710.7MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7573G	-57.54	-13.00	-44.54	MBW 1M	-
1710.7MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	2.11039G	-42.90	-13.00	-29.90	-	-
1710.7MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6025G	-36.59	-13.00	-23.59	-	-
1710.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.16k	-59.19	-13.00	-46.19	-	-
1710.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-60.42	-13.00	-47.42	-	-
1710.7MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	912.07M	-62.13	-13.00	-49.13	-	-
1710.7MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4855G	-54.41	-13.00	-41.41	-	-
1710.7MHz_RB 1,#RB L	Pass	1.5G	1.7072G	1M	3M	RMS	1.7072G	-41.98	-13.00	-28.98	-	-
1710.7MHz_RB 1,#RB L	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-39.03	-13.00	-26.03	MBW 1M	-
1710.7MHz_RB 1,#RB L	Pass	1.709G	1.71G	15k	43k	RMS	1.70991G	-27.95	-13.00	-14.95	-	-
1710.7MHz_RB 1,#RB L	Pass	1.755G	1.756G	15k	43k	RMS	1.75502G	-70.48	-13.00	-57.48	-	-
1710.7MHz_RB 1,#RB L	Pass	1.756G	1.7578G	15k	43k	RMS	1.7573G	-57.76	-13.00	-44.76	MBW 1M	-
1710.7MHz_RB 1,#RB L	Pass	1.7578G	5G	1M	3M	RMS	2.11039G	-42.36	-13.00	-29.36	-	-
1710.7MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61G	-36.41	-13.00	-23.41	-	-
1732.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.024k	-63.33	-13.00	-50.33	-	-
1732.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-57.65	-13.00	-44.65	-	-
1732.5MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	983.07M	-63.27	-13.00	-50.27	-	-
1732.5MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.3885G	-54.63	-13.00	-41.63	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.67053G	-53.88	-13.00	-40.88	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-57.15	-13.00	-44.15	MBW 1M	-
1732.5MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70927G	-71.28	-13.00	-58.28	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.75595G	-70.81	-13.00	-57.81	-	-
1732.5MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7573G	-57.56	-13.00	-44.56	MBW 1M	-
1732.5MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	3.88793G	-51.95	-13.00	-38.95	-	-
1732.5MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.75	-13.00	-23.75	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.65k	-64.06	-13.00	-51.06	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.03	-13.00	-49.03	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	865.32M	-63.21	-13.00	-50.21	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.475G	-54.87	-13.00	-41.87	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.7072G	1M	3M	RMS	1.57501G	-53.62	-13.00	-40.62	-	-
1732.5MHz_RB 1,#RB L	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-57.68	-13.00	-44.68	MBW 1M	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	15k	43k	RMS	1.70919G	-71.71	-13.00	-58.71	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	15k	43k	RMS	1.75579G	-70.54	-13.00	-57.54	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-57.21	-13.00	-44.21	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.7578G	5G	1M	3M	RMS	3.85469G	-51.98	-13.00	-38.98	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.64075G	-36.58	-13.00	-23.58	-	-
1754.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.483k	-61.85	-13.00	-48.85	-	-
1754.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-61.27	-13.00	-48.27	-	-
1754.3MHz_RB 6,#RB 0	Pass	30M	1G	100k	300k	RMS	876.37M	-62.94	-13.00	-49.94	-	-
1754.3MHz_RB 6,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.303G	-53.94	-13.00	-40.94	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.5G	1.7072G	1M	3M	RMS	1.6179G	-53.96	-13.00	-40.96	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-57.54	-13.00	-44.54	MBW 1M	-
1754.3MHz_RB 6,#RB 0	Pass	1.709G	1.71G	15k	43k	RMS	1.70938G	-72.23	-13.00	-59.23	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.755G	1.756G	15k	43k	RMS	1.75503G	-35.65	-13.00	-22.65	-	-
1754.3MHz_RB 6,#RB 0	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-32.29	-13.00	-19.29	MBW 1M	-
1754.3MHz_RB 6,#RB 0	Pass	1.7578G	5G	1M	3M	RMS	1.7578G	-45.75	-13.00	-32.75	-	-
1754.3MHz_RB 6,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60175G	-36.00	-13.00	-23.00	-	-
1754.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	117.041k	-64.68	-13.00	-51.68	-	-
1754.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	202.238k	-62.09	-13.00	-49.09	-	-
1754.3MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	867.26M	-62.99	-13.00	-49.99	-	-
1754.3MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.0565G	-54.37	-13.00	-41.37	-	-
1754.3MHz_RB 1,#RB H	Pass	1.5G	1.7072G	1M	3M	RMS	1.63779G	-53.82	-13.00	-40.82	-	-
1754.3MHz_RB 1,#RB H	Pass	1.7072G	1.709G	15k	43k	RMS	1.7085G	-57.78	-13.00	-44.78	MBW 1M	-
1754.3MHz_RB 1,#RB H	Pass	1.709G	1.71G	15k	43k	RMS	1.70937G	-70.76	-13.00	-57.76	-	-
1754.3MHz_RB 1,#RB H	Pass	1.755G	1.756G	15k	43k	RMS	1.7551G	-35.89	-13.00	-22.89	-	-
1754.3MHz_RB 1,#RB H	Pass	1.756G	1.7578G	15k	43k	RMS	1.7565G	-42.64	-13.00	-29.64	MBW 1M	-
1754.3MHz_RB 1,#RB H	Pass	1.7578G	5G	1M	3M	RMS	1.7578G	-48.11	-13.00	-35.11	-	-
1754.3MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6205G	-36.23	-13.00	-23.23	-	-
Band 4_LTE_3MHz_Nss1_OPSK_TX	-	-	-	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	122.223k	-61.64	-13.00	-48.64	-	-
1711.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	224.625k	-63.22	-13.00	-50.22	-	-
1711.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	942.09M	-63.36	-13.00	-50.36	-	-
1711.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.247G	-54.88	-13.00	-41.88	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.70359G	-38.13	-13.00	-25.13	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-18.92	-13.00	-5.92	MBW 1M	-
1711.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.71G	-28.89	-13.00	-15.89	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.75574G	-73.01	-13.00	-60.01	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7595G	-56.88	-13.00	-43.88	MBW 1M	-
1711.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	3.78538G	-51.71	-13.00	-38.71	-	-
1711.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.622G	-36.32	-13.00	-23.32	-	-
1711.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.496k	-62.20	-13.00	-49.20	-	-
1711.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-57.21	-13.00	-44.21	-	-
1711.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	888.69M	-62.99	-13.00	-49.99	-	-
1711.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4955G	-54.34	-13.00	-41.34	-	-
1711.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.70359G	-48.75	-13.00	-35.75	-	-
1711.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	91k	RMS	1.7075G	-30.87	-13.00	-17.87	MBW 1M	-
1711.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	91k	RMS	1.71G	-19.25	-13.00	-6.25	-	-
1711.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	91k	RMS	1.7558G	-72.99	-13.00	-59.99	-	-
1711.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	91k	RMS	1.7595G	-57.28	-13.00	-44.28	MBW 1M	-
1711.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.41937G	-48.28	-13.00	-35.28	-	-
1711.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6025G	-36.24	-13.00	-23.24	-	-
1732.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	120.602k	-63.99	-13.00	-50.99	-	-
1732.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-60.81	-13.00	-47.81	-	-
1732.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	894.71M	-63.05	-13.00	-50.05	-	-
1732.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4115G	-54.45	-13.00	-41.45	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.58588G	-54.43	-13.00	-41.43	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7075G	-57.18	-13.00	-44.18	MBW 1M	-
1732.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.70948G	-73.15	-13.00	-60.15	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.75566G	-73.14	-13.00	-60.14	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7585G	-57.51	-13.00	-44.51	MBW 1M	-
1732.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	3.79469G	-52.16	-13.00	-39.16	-	-
1732.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.601G	-36.64	-13.00	-23.64	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.438k	-63.42	-13.00	-50.42	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-62.99	-13.00	-49.99	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	972.89M	-63.30	-13.00	-50.30	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.3815G	-53.65	-13.00	-40.65	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.57385G	-54.66	-13.00	-41.66	-	-
1732.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	91k	RMS	1.7045G	-56.69	-13.00	-43.69	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	91k	RMS	1.70923G	-72.80	-13.00	-59.80	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	91k	RMS	1.75535G	-72.82	-13.00	-59.82	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	91k	RMS	1.7585G	-57.47	-13.00	-44.47	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.46148G	-51.67	-13.00	-38.67	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60325G	-36.71	-13.00	-23.71	-	-
1753.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	115.596k	-63.25	-13.00	-50.25	-	-
1753.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-60.68	-13.00	-47.68	-	-
1753.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	998.25M	-63.68	-13.00	-50.68	-	-
1753.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4265G	-53.35	-13.00	-40.35	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.64015G	-53.77	-13.00	-40.77	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-56.66	-13.00	-43.66	MBW 1M	-
1753.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.70917G	-73.29	-13.00	-60.29	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.755G	-33.56	-13.00	-20.56	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7565G	-27.40	-13.00	-14.40	MBW 1M	-
1753.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	1.761G	-45.41	-13.00	-32.41	-	-
1753.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.655G	-36.85	-13.00	-23.85	-	-
1753.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	116.654k	-62.69	-13.00	-49.69	-	-
1753.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.63	-13.00	-46.63	-	-
1753.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	825.74M	-62.50	-13.00	-49.50	-	-
1753.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.461G	-54.47	-13.00	-41.47	-	-
1753.5MHz_RB 1,#RB H	Pass	1.5G	1.704G	1M	3M	RMS	1.56365G	-54.25	-13.00	-41.25	-	-
1753.5MHz_RB 1,#RB H	Pass	1.704G	1.709G	30k	91k	RMS	1.7075G	-56.46	-13.00	-43.46	MBW 1M	-
1753.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	30k	91k	RMS	1.70969G	-72.87	-13.00	-59.87	-	-
1753.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	30k	91k	RMS	1.755G	-28.75	-13.00	-15.75	-	-
1753.5MHz_RB 1,#RB H	Pass	1.756G	1.761G	30k	91k	RMS	1.7575G	-34.66	-13.00	-21.66	MBW 1M	-
1753.5MHz_RB 1,#RB H	Pass	1.761G	5G	1M	3M	RMS	3.50844G	-51.38	-13.00	-38.38	-	-
1753.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.60175G	-36.55	-13.00	-23.55	-	-
Band 4_LTE_3MHz_Nss1,16OAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	118.275k	-63.31	-13.00	-50.31	-	-
1711.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.71	-13.00	-47.71	-	-
1711.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	838.64M	-63.03	-13.00	-50.03	-	-
1711.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.3415G	-55.14	-13.00	-42.14	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.70318G	-41.64	-13.00	-28.64	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-23.24	-13.00	-10.24	MBW 1M	-
1711.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.70999G	-32.76	-13.00	-19.76	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.75506G	-73.24	-13.00	-60.24	-	-
1711.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7575G	-57.76	-13.00	-44.76	MBW 1M	-
1711.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	3.83032G	-52.17	-13.00	-39.17	-	-
1711.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.64225G	-36.63	-13.00	-23.63	-	-
1711.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.68k	-63.21	-13.00	-50.21	-	-
1711.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.47	-13.00	-48.47	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1711.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	904.84M	-63.25	-13.00	-50.25	-	-
1711.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4615G	-54.24	-13.00	-41.24	-	-
1711.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.7038G	-48.97	-13.00	-35.97	-	-
1711.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	91k	RMS	1.7085G	-29.63	-13.00	-16.63	MBW 1M	-
1711.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	91k	RMS	1.71G	-24.04	-13.00	-11.04	-	-
1711.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	91k	RMS	1.75548G	-73.17	-13.00	-60.17	-	-
1711.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	91k	RMS	1.7605G	-56.84	-13.00	-43.84	MBW 1M	-
1711.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.41937G	-48.59	-13.00	-35.59	-	-
1711.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6085G	-36.05	-13.00	-23.05	-	-
1732.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	122.188k	-61.30	-13.00	-48.30	-	-
1732.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-60.39	-13.00	-47.39	-	-
1732.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	946.36M	-63.60	-13.00	-50.60	-	-
1732.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.451G	-55.08	-13.00	-42.08	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.56038G	-53.45	-13.00	-40.45	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7065G	-57.33	-13.00	-44.33	MBW 1M	-
1732.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.70953G	-73.08	-13.00	-60.08	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.75543G	-72.94	-13.00	-59.94	-	-
1732.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7565G	-56.91	-13.00	-43.91	MBW 1M	-
1732.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	3.77282G	-52.16	-13.00	-39.16	-	-
1732.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.637G	-36.52	-13.00	-23.52	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.778k	-62.39	-13.00	-49.39	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.99	-13.00	-46.99	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	636.3M	-63.45	-13.00	-50.45	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4295G	-54.72	-13.00	-41.72	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.67564G	-53.54	-13.00	-40.54	-	-
1732.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	91k	RMS	1.7075G	-56.88	-13.00	-43.88	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	91k	RMS	1.70999G	-73.25	-13.00	-60.25	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	91k	RMS	1.75528G	-73.05	-13.00	-60.05	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	91k	RMS	1.7575G	-56.85	-13.00	-43.85	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.82424G	-51.92	-13.00	-38.92	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6985G	-36.25	-13.00	-23.25	-	-
1753.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	115.49k	-63.21	-13.00	-50.21	-	-
1753.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.82	-13.00	-45.82	-	-
1753.5MHz_RB 15,#RB 0	Pass	30M	1G	100k	300k	RMS	892.23M	-63.10	-13.00	-50.10	-	-
1753.5MHz_RB 15,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.439G	-54.93	-13.00	-41.93	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.62954G	-53.89	-13.00	-40.89	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	91k	RMS	1.7045G	-57.51	-13.00	-44.51	MBW 1M	-
1753.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	91k	RMS	1.70976G	-73.26	-13.00	-60.26	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	91k	RMS	1.755G	-35.82	-13.00	-22.82	-	-
1753.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	91k	RMS	1.7565G	-28.97	-13.00	-15.97	MBW 1M	-
1753.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	1.761G	-48.67	-13.00	-35.67	-	-
1753.5MHz_RB 15,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6055G	-36.49	-13.00	-23.49	-	-
1753.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.566k	-63.91	-13.00	-50.91	-	-
1753.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.36	-13.00	-46.36	-	-
1753.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	709M	-63.50	-13.00	-50.50	-	-
1753.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.3335G	-54.94	-13.00	-41.94	-	-
1753.5MHz_RB 1,#RB H	Pass	1.5G	1.704G	1M	3M	RMS	1.60159G	-53.57	-13.00	-40.57	-	-
1753.5MHz_RB 1,#RB H	Pass	1.704G	1.709G	30k	91k	RMS	1.7065G	-57.03	-13.00	-44.03	MBW 1M	-
1753.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	30k	91k	RMS	1.70927G	-73.06	-13.00	-60.06	-	-
1753.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	30k	91k	RMS	1.75501G	-29.70	-13.00	-16.70	-	-
1753.5MHz_RB 1,#RB H	Pass	1.756G	1.761G	30k	91k	RMS	1.7575G	-38.63	-13.00	-25.63	MBW 1M	-
1753.5MHz_RB 1,#RB H	Pass	1.761G	5G	1M	3M	RMS	3.8291G	-52.02	-13.00	-39.02	-	-
1753.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.61525G	-36.63	-13.00	-23.63	-	-
Band 4_LTE_5MHz_Nss1_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1712.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	121.271k	-62.12	-13.00	-49.12	-	-
1712.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	187.312k	-61.88	-13.00	-48.88	-	-
1712.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	752.02M	-62.67	-13.00	-49.67	-	-
1712.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4425G	-53.56	-13.00	-40.56	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6988G	-39.06	-13.00	-26.06	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-21.38	-13.00	-8.38	MBW 1M	-
1712.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.70984G	-30.45	-13.00	-17.45	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.75544G	-71.15	-13.00	-58.15	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7635G	-59.48	-13.00	-46.48	MBW 1M	-
1712.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	3.85683G	-51.95	-13.00	-38.95	-	-
1712.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62425G	-36.74	-13.00	-23.74	-	-
1712.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.121k	-62.41	-13.00	-49.41	-	-
1712.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.96	-13.00	-48.96	-	-
1712.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	997.96M	-62.99	-13.00	-49.99	-	-
1712.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4455G	-54.35	-13.00	-41.35	-	-
1712.5MHz_RB 1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.5528G	-53.70	-13.00	-40.70	-	-
1712.5MHz_RB 1,#RB L	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-36.81	-13.00	-23.81	MBW 1M	-
1712.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	51k	150k	RMS	1.71G	-26.46	-13.00	-13.46	-	-
1712.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	51k	150k	RMS	1.75508G	-71.22	-13.00	-58.22	-	-
1712.5MHz_RB 1,#RB L	Pass	1.756G	1.765G	51k	150k	RMS	1.7575G	-59.38	-13.00	-46.38	MBW 1M	-
1712.5MHz_RB 1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.4197G	-48.03	-13.00	-35.03	-	-
1712.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60025G	-36.75	-13.00	-23.75	-	-
1732.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	119.192k	-65.94	-13.00	-52.94	-	-
1732.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.89	-13.00	-45.89	-	-
1732.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	987.58M	-63.34	-13.00	-50.34	-	-
1732.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.297G	-55.55	-13.00	-42.55	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6344G	-54.19	-13.00	-41.19	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-57.18	-13.00	-44.18	MBW 1M	-
1732.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.70999G	-67.45	-13.00	-54.45	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.75558G	-68.13	-13.00	-55.13	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-57.72	-13.00	-44.72	MBW 1M	-
1732.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	3.81195G	-52.23	-13.00	-39.23	-	-
1732.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61225G	-36.74	-13.00	-23.74	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.848k	-62.44	-13.00	-49.44	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-59.22	-13.00	-46.22	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	875.89M	-62.90	-13.00	-49.90	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.29G	-55.46	-13.00	-42.46	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.661G	-54.34	-13.00	-41.34	-	-
1732.5MHz_RB 1,#RB L	Pass	1.7G	1.709G	51k	150k	RMS	1.7055G	-59.38	-13.00	-46.38	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	51k	150k	RMS	1.70936G	-71.26	-13.00	-58.26	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	51k	150k	RMS	1.75599G	-71.05	-13.00	-58.05	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.765G	51k	150k	RMS	1.7615G	-59.35	-13.00	-46.35	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.81761G	-52.11	-13.00	-39.11	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.655G	-36.94	-13.00	-23.94	-	-
1752.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	121.87k	-63.43	-13.00	-50.43	-	-
1752.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.76	-13.00	-47.76	-	-
1752.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	976.28M	-62.98	-13.00	-49.98	-	-
1752.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4635G	-54.63	-13.00	-41.63	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6394G	-53.81	-13.00	-40.81	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7075G	-59.59	-13.00	-46.59	MBW 1M	-
1752.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.70964G	-71.06	-13.00	-58.06	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.755G	-35.91	-13.00	-22.91	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7575G	-27.83	-13.00	-14.83	MBW 1M	-
1752.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	1.7654G	-48.60	-13.00	-35.60	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1752.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.646G	-36.49	-13.00	-23.49	-	-
1752.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	118.134k	-65.01	-13.00	-52.01	-	-
1752.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	239.55k	-62.61	-13.00	-49.61	-	-
1752.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	909.84M	-62.96	-13.00	-49.96	-	-
1752.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.4535G	-54.83	-13.00	-41.83	-	-
1752.5MHz_RB 1,#RB H	Pass	1.5G	1.7G	1M	3M	RMS	1.6466G	-54.34	-13.00	-41.34	-	-
1752.5MHz_RB 1,#RB H	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-59.49	-13.00	-46.49	MBW 1M	-
1752.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	51k	150k	RMS	1.70985G	-71.34	-13.00	-58.34	-	-
1752.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	51k	150k	RMS	1.755G	-31.80	-13.00	-18.80	-	-
1752.5MHz_RB 1,#RB H	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-39.39	-13.00	-26.39	MBW 1M	-
1752.5MHz_RB 1,#RB H	Pass	1.765G	5G	1M	3M	RMS	3.50826G	-51.33	-13.00	-38.33	-	-
1752.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.604G	-36.92	-13.00	-23.92	-	-
Band 4_LTE_5MHz_Nss1,16OAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	114.715k	-61.91	-13.00	-48.91	-	-
1712.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-57.21	-13.00	-44.21	-	-
1712.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	889.81M	-63.57	-13.00	-50.57	-	-
1712.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4925G	-55.87	-13.00	-42.87	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6962G	-44.05	-13.00	-31.05	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-25.51	-13.00	-12.51	MBW 1M	-
1712.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.70999G	-34.21	-13.00	-21.21	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.75534G	-71.39	-13.00	-58.39	-	-
1712.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7625G	-59.53	-13.00	-46.53	MBW 1M	-
1712.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	3.78526G	-52.16	-13.00	-39.16	-	-
1712.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61525G	-36.88	-13.00	-23.88	-	-
1712.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.108k	-62.72	-13.00	-49.72	-	-
1712.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-62.05	-13.00	-49.05	-	-
1712.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	911.39M	-63.31	-13.00	-50.31	-	-
1712.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.421G	-54.84	-13.00	-41.84	-	-
1712.5MHz_RB 1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6364G	-53.82	-13.00	-40.82	-	-
1712.5MHz_RB 1,#RB L	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-38.04	-13.00	-25.04	MBW 1M	-
1712.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	51k	150k	RMS	1.71G	-29.27	-13.00	-16.27	-	-
1712.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	51k	150k	RMS	1.75502G	-71.09	-13.00	-58.09	-	-
1712.5MHz_RB 1,#RB L	Pass	1.756G	1.765G	51k	150k	RMS	1.7585G	-59.48	-13.00	-46.48	MBW 1M	-
1712.5MHz_RB 1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.4193G	-49.55	-13.00	-36.55	-	-
1712.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61G	-36.47	-13.00	-23.47	-	-
1732.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	120.672k	-62.79	-13.00	-49.79	-	-
1732.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.94	-13.00	-45.94	-	-
1732.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	835.83M	-63.07	-13.00	-50.07	-	-
1732.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.436G	-55.19	-13.00	-42.19	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6752G	-53.94	-13.00	-40.94	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-57.96	-13.00	-44.96	MBW 1M	-
1732.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.7095G	-69.18	-13.00	-56.18	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.75512G	-69.72	-13.00	-56.72	-	-
1732.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-58.46	-13.00	-45.46	MBW 1M	-
1732.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	3.84753G	-52.25	-13.00	-39.25	-	-
1732.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60775G	-36.72	-13.00	-23.72	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.765k	-64.39	-13.00	-51.39	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-59.30	-13.00	-46.30	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	747.61M	-62.46	-13.00	-49.46	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.104G	-55.00	-13.00	-42.00	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6728G	-54.08	-13.00	-41.08	-	-
1732.5MHz_RB 1,#RB L	Pass	1.7G	1.709G	51k	150k	RMS	1.7085G	-59.41	-13.00	-46.41	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	51k	150k	RMS	1.70973G	-71.24	-13.00	-58.24	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	51k	150k	RMS	1.75597G	-70.96	-13.00	-57.96	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.765G	51k	150k	RMS	1.7575G	-59.39	-13.00	-46.39	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.79658G	-52.06	-13.00	-39.06	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6145G	-36.42	-13.00	-23.42	-	-
1752.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	116.372k	-63.20	-13.00	-50.20	-	-
1752.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-59.12	-13.00	-46.12	-	-
1752.5MHz_RB 25,#RB 0	Pass	30M	1G	100k	300k	RMS	912.8M	-62.78	-13.00	-49.78	-	-
1752.5MHz_RB 25,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.451G	-55.16	-13.00	-42.16	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6484G	-53.86	-13.00	-40.86	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.7G	1.709G	51k	150k	RMS	1.7065G	-59.61	-13.00	-46.61	MBW 1M	-
1752.5MHz_RB 25,#RB 0	Pass	1.709G	1.71G	51k	150k	RMS	1.70962G	-71.10	-13.00	-58.10	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.755G	1.756G	51k	150k	RMS	1.755G	-38.17	-13.00	-25.17	-	-
1752.5MHz_RB 25,#RB 0	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-30.13	-13.00	-17.13	MBW 1M	-
1752.5MHz_RB 25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	1.7654G	-47.87	-13.00	-34.87	-	-
1752.5MHz_RB 25,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61975G	-36.48	-13.00	-23.48	-	-
1752.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.518k	-61.22	-13.00	-48.22	-	-
1752.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	157.462k	-58.79	-13.00	-45.79	-	-
1752.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	954.7M	-63.39	-13.00	-50.39	-	-
1752.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.457G	-54.01	-13.00	-41.01	-	-
1752.5MHz_RB 1,#RB H	Pass	1.5G	1.7G	1M	3M	RMS	1.697G	-54.58	-13.00	-41.58	-	-
1752.5MHz_RB 1,#RB H	Pass	1.7G	1.709G	51k	150k	RMS	1.7075G	-59.56	-13.00	-46.56	MBW 1M	-
1752.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	51k	150k	RMS	1.7097G	-70.89	-13.00	-57.89	-	-
1752.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	51k	150k	RMS	1.755G	-32.12	-13.00	-19.12	-	-
1752.5MHz_RB 1,#RB H	Pass	1.756G	1.765G	51k	150k	RMS	1.7565G	-40.99	-13.00	-27.99	MBW 1M	-
1752.5MHz_RB 1,#RB H	Pass	1.765G	5G	1M	3M	RMS	3.50826G	-52.00	-13.00	-39.00	-	-
1752.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.61G	-36.74	-13.00	-23.74	-	-
Band 4_LTE_10MHz_Nss1,OPSK_TTX	-	-	-	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	122.223k	-63.16	-13.00	-50.16	-	-
1715MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-57.50	-13.00	-44.50	-	-
1715MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	872.93M	-63.29	-13.00	-50.29	-	-
1715MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4995G	-54.60	-13.00	-41.60	-	-
1715MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68943G	-47.26	-13.00	-34.26	-	-
1715MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-26.03	-13.00	-13.03	MBW 1M	-
1715MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70999G	-32.66	-13.00	-19.66	-	-
1715MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75573G	-64.40	-13.00	-51.40	-	-
1715MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7575G	-55.62	-13.00	-42.62	MBW 1M	-
1715MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	3.83376G	-52.07	-13.00	-39.07	-	-
1715MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.649G	-36.64	-13.00	-23.64	-	-
1715MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.125k	-64.08	-13.00	-51.08	-	-
1715MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	194.775k	-63.21	-13.00	-50.21	-	-
1715MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	862.84M	-63.49	-13.00	-50.49	-	-
1715MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.371G	-53.92	-13.00	-40.92	-	-
1715MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.57087G	-54.15	-13.00	-41.15	-	-
1715MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-38.35	-13.00	-25.35	MBW 1M	-
1715MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-35.46	-13.00	-22.46	-	-
1715MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.7557G	-68.52	-13.00	-55.52	-	-
1715MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7625G	-59.48	-13.00	-46.48	MBW 1M	-
1715MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.42015G	-46.99	-13.00	-33.99	-	-
1715MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.655G	-36.19	-13.00	-23.19	-	-
1732.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	119.509k	-62.62	-13.00	-49.62	-	-
1732.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-61.21	-13.00	-48.21	-	-
1732.5MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	876.42M	-63.52	-13.00	-50.52	-	-
1732.5MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.49G	-54.65	-13.00	-41.65	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.61818G	-53.97	-13.00	-40.97	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-48.31	-13.00	-35.31	MBW 1M	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70991G	-56.34	-13.00	-43.34	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75592G	-59.18	-13.00	-46.18	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7595G	-49.99	-13.00	-36.99	MBW 1M	-
1732.5MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	3.86037G	-52.19	-13.00	-39.19	-	-
1732.5MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6115G	-36.60	-13.00	-23.60	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.271k	-63.56	-13.00	-50.56	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-61.00	-13.00	-48.00	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	836.12M	-62.55	-13.00	-49.55	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.495G	-54.52	-13.00	-41.52	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.64383G	-53.68	-13.00	-40.68	-	-
1732.5MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-58.73	-13.00	-45.73	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.70901G	-67.67	-13.00	-54.67	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75524G	-68.48	-13.00	-55.48	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7665G	-59.17	-13.00	-46.17	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.79466G	-52.13	-13.00	-39.13	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.6025G	-36.26	-13.00	-23.26	-	-
1750MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	117.147k	-61.73	-13.00	-48.73	-	-
1750MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-60.04	-13.00	-47.04	-	-
1750MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	896.21M	-63.34	-13.00	-50.34	-	-
1750MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4595G	-54.38	-13.00	-41.38	-	-
1750MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.63167G	-54.29	-13.00	-41.29	-	-
1750MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7075G	-55.71	-13.00	-42.71	MBW 1M	-
1750MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70942G	-64.67	-13.00	-51.67	-	-
1750MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-35.01	-13.00	-22.01	-	-
1750MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-29.19	-13.00	-16.19	MBW 1M	-
1750MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	1.77581G	-51.53	-13.00	-38.53	-	-
1750MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.65125G	-36.59	-13.00	-23.59	-	-
1750MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.68k	-63.28	-13.00	-50.28	-	-
1750MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.86	-13.00	-46.86	-	-
1750MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	871.62M	-63.27	-13.00	-50.27	-	-
1750MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.4015G	-55.18	-13.00	-42.18	-	-
1750MHz_RB 1,#RB H	Pass	1.5G	1.69G	1M	3M	RMS	1.62692G	-54.10	-13.00	-41.10	-	-
1750MHz_RB 1,#RB H	Pass	1.69G	1.709G	100k	300k	RMS	1.7055G	-59.58	-13.00	-46.58	MBW 1M	-
1750MHz_RB 1,#RB H	Pass	1.709G	1.71G	100k	300k	RMS	1.70947G	-68.65	-13.00	-55.65	-	-
1750MHz_RB 1,#RB H	Pass	1.755G	1.756G	100k	300k	RMS	1.75501G	-40.89	-13.00	-27.89	-	-
1750MHz_RB 1,#RB H	Pass	1.756G	1.775G	100k	300k	RMS	1.7585G	-40.93	-13.00	-27.93	MBW 1M	-
1750MHz_RB 1,#RB H	Pass	1.775G	5G	1M	3M	RMS	3.82812G	-51.79	-13.00	-38.79	-	-
1750MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.703G	-36.45	-13.00	-23.45	-	-
Band 4_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	121.73k	-61.47	-13.00	-48.47	-	-
1715MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	194.775k	-61.18	-13.00	-48.18	-	-
1715MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	924.58M	-63.33	-13.00	-50.33	-	-
1715MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.481G	-54.65	-13.00	-41.65	-	-
1715MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68905G	-49.17	-13.00	-36.17	-	-
1715MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-29.45	-13.00	-16.45	MBW 1M	-
1715MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70999G	-36.28	-13.00	-23.28	-	-
1715MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75574G	-65.29	-13.00	-52.29	-	-
1715MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7575G	-57.03	-13.00	-44.03	MBW 1M	-
1715MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	3.81118G	-52.13	-13.00	-39.13	-	-
1715MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.619G	-36.47	-13.00	-23.47	-	-
1715MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.16k	-65.37	-13.00	-52.37	-	-
1715MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-61.65	-13.00	-48.65	-	-
1715MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	827.73M	-62.48	-13.00	-49.48	-	-
1715MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.411G	-53.94	-13.00	-40.94	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1715MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.62635G	-52.88	-13.00	-39.88	-	-
1715MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-39.98	-13.00	-26.98	MBW 1M	-
1715MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-38.03	-13.00	-25.03	-	-
1715MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75578G	-68.52	-13.00	-55.52	-	-
1715MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7575G	-59.49	-13.00	-46.49	MBW 1M	-
1715MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.42015G	-49.26	-13.00	-36.26	-	-
1715MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61825G	-36.68	-13.00	-23.68	-	-
1732.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	121.941k	-63.05	-13.00	-50.05	-	-
1732.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	202.238k	-60.72	-13.00	-47.72	-	-
1732.5MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	863.28M	-63.51	-13.00	-50.51	-	-
1732.5MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.468G	-54.82	-13.00	-41.82	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.63167G	-54.59	-13.00	-41.59	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-49.91	-13.00	-36.91	MBW 1M	-
1732.5MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70981G	-57.77	-13.00	-44.77	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75527G	-59.06	-13.00	-46.06	-	-
1732.5MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-50.87	-13.00	-37.87	MBW 1M	-
1732.5MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	3.84384G	-52.04	-13.00	-39.04	-	-
1732.5MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.64975G	-36.42	-13.00	-23.42	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	115.984k	-63.37	-13.00	-50.37	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.38	-13.00	-46.38	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	837.38M	-63.19	-13.00	-50.19	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.457G	-54.01	-13.00	-41.01	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.67594G	-54.04	-13.00	-41.04	-	-
1732.5MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-58.92	-13.00	-45.92	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.70901G	-67.82	-13.00	-54.82	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75528G	-68.42	-13.00	-55.42	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7665G	-59.40	-13.00	-46.40	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.88012G	-51.92	-13.00	-38.92	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.66625G	-36.91	-13.00	-23.91	-	-
1750MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	116.83k	-63.00	-13.00	-50.00	-	-
1750MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-57.84	-13.00	-44.84	-	-
1750MHz_RB 50,#RB 0	Pass	30M	1G	100k	300k	RMS	876.37M	-62.86	-13.00	-49.86	-	-
1750MHz_RB 50,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4885G	-53.86	-13.00	-40.86	-	-
1750MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.56384G	-54.32	-13.00	-41.32	-	-
1750MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-57.11	-13.00	-44.11	MBW 1M	-
1750MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70936G	-65.64	-13.00	-52.64	-	-
1750MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75501G	-38.50	-13.00	-25.50	-	-
1750MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-31.25	-13.00	-18.25	MBW 1M	-
1750MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	3.86883G	-52.18	-13.00	-39.18	-	-
1750MHz_RB 50,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62425G	-36.57	-13.00	-23.57	-	-
1750MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	115.808k	-63.09	-13.00	-50.09	-	-
1750MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-57.22	-13.00	-44.22	-	-
1750MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	923.66M	-62.34	-13.00	-49.34	-	-
1750MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.459G	-54.48	-13.00	-41.48	-	-
1750MHz_RB 1,#RB H	Pass	1.5G	1.69G	1M	3M	RMS	1.67062G	-53.51	-13.00	-40.51	-	-
1750MHz_RB 1,#RB H	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-59.61	-13.00	-46.61	MBW 1M	-
1750MHz_RB 1,#RB H	Pass	1.709G	1.71G	100k	300k	RMS	1.70966G	-68.57	-13.00	-55.57	-	-
1750MHz_RB 1,#RB H	Pass	1.755G	1.756G	100k	300k	RMS	1.75501G	-42.03	-13.00	-29.03	-	-
1750MHz_RB 1,#RB H	Pass	1.756G	1.775G	100k	300k	RMS	1.7585G	-42.72	-13.00	-29.72	MBW 1M	-
1750MHz_RB 1,#RB H	Pass	1.775G	5G	1M	3M	RMS	3.8515G	-51.99	-13.00	-38.99	-	-
1750MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.613G	-36.52	-13.00	-23.52	-	-
Band 4_LTE_15MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	120.284k	-64.37	-13.00	-51.37	-	-
1717.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-61.23	-13.00	-48.23	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1717.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	983.03M	-62.40	-13.00	-49.40	-	-
1717.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4285G	-54.44	-13.00	-41.44	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.65372G	-52.69	-13.00	-39.69	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-29.03	-13.00	-16.03	MBW 1M	-
1717.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.70999G	-33.91	-13.00	-20.91	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75588G	-53.46	-13.00	-40.46	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7575G	-48.31	-13.00	-35.31	MBW 1M	-
1717.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	3.82452G	-52.02	-13.00	-39.02	-	-
1717.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60475G	-36.64	-13.00	-23.64	-	-
1717.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.076k	-63.54	-13.00	-50.54	-	-
1717.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-59.77	-13.00	-46.77	-	-
1717.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	866.43M	-63.25	-13.00	-50.25	-	-
1717.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.299G	-55.13	-13.00	-42.13	-	-
1717.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.63734G	-53.13	-13.00	-40.13	-	-
1717.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	150k	470k	RMS	1.7045G	-39.78	-13.00	-26.78	MBW 1M	-
1717.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	150k	470k	RMS	1.70999G	-39.97	-13.00	-26.97	-	-
1717.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	150k	470k	RMS	1.75591G	-55.71	-13.00	-42.71	-	-
1717.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-58.94	-13.00	-45.94	MBW 1M	-
1717.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.42063G	-46.92	-13.00	-33.92	-	-
1717.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.616G	-36.33	-13.00	-23.33	-	-
1732.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	121.342k	-62.15	-13.00	-49.15	-	-
1732.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-60.42	-13.00	-47.42	-	-
1732.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	870.31M	-63.69	-13.00	-50.69	-	-
1732.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.1975G	-53.91	-13.00	-40.91	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.56174G	-53.80	-13.00	-40.80	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7065G	-43.50	-13.00	-30.50	MBW 1M	-
1732.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.70901G	-50.83	-13.00	-37.83	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75513G	-49.32	-13.00	-36.32	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-42.73	-13.00	-29.73	MBW 1M	-
1732.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	3.84983G	-52.20	-13.00	-39.20	-	-
1732.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.6175G	-36.68	-13.00	-23.68	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.028k	-64.34	-13.00	-51.34	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-59.26	-13.00	-46.26	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	838.79M	-62.87	-13.00	-49.87	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.2925G	-55.50	-13.00	-42.50	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.52844G	-53.97	-13.00	-40.97	-	-
1732.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	150k	470k	RMS	1.6945G	-53.89	-13.00	-40.89	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	150k	470k	RMS	1.70967G	-65.74	-13.00	-52.74	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	150k	470k	RMS	1.75578G	-66.33	-13.00	-53.33	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	150k	470k	RMS	1.7705G	-56.36	-13.00	-43.36	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.83456G	-51.89	-13.00	-38.89	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.49	-13.00	-23.49	-	-
1747.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	122.294k	-62.76	-13.00	-49.76	-	-
1747.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.94	-13.00	-47.94	-	-
1747.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	889.03M	-61.36	-13.00	-48.36	-	-
1747.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.426G	-54.47	-13.00	-41.47	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.5702G	-53.66	-13.00	-40.66	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7075G	-48.67	-13.00	-35.67	MBW 1M	-
1747.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.70912G	-53.53	-13.00	-40.53	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75501G	-35.10	-13.00	-22.10	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-29.44	-13.00	-16.44	MBW 1M	-
1747.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	3.77107G	-51.75	-13.00	-38.75	-	-
1747.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.604G	-36.41	-13.00	-23.41	-	-
1747.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.644k	-61.96	-13.00	-48.96	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1747.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-60.08	-13.00	-47.08	-	-
1747.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	883.65M	-63.04	-13.00	-50.04	-	-
1747.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.45G	-53.26	-13.00	-40.26	-	-
1747.5MHz_RB 1,#RB H	Pass	1.5G	1.68G	1M	3M	RMS	1.62942G	-54.01	-13.00	-41.01	-	-
1747.5MHz_RB 1,#RB H	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-58.77	-13.00	-45.77	MBW 1M	-
1747.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	150k	470k	RMS	1.7091G	-54.18	-13.00	-41.18	-	-
1747.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	150k	470k	RMS	1.755G	-43.36	-13.00	-30.36	-	-
1747.5MHz_RB 1,#RB H	Pass	1.756G	1.785G	150k	470k	RMS	1.7605G	-43.41	-13.00	-30.41	MBW 1M	-
1747.5MHz_RB 1,#RB H	Pass	1.785G	5G	1M	3M	RMS	3.50744G	-52.06	-13.00	-39.06	-	-
1747.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6325G	-36.60	-13.00	-23.60	-	-
Band 4_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	115.984k	-65.01	-13.00	-52.01	-	-
1717.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-60.04	-13.00	-47.04	-	-
1717.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	831.07M	-63.70	-13.00	-50.70	-	-
1717.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.3545G	-54.34	-13.00	-41.34	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.6764G	-53.51	-13.00	-40.51	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-32.10	-13.00	-19.10	MBW 1M	-
1717.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.70998G	-38.33	-13.00	-25.33	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75592G	-54.40	-13.00	-41.40	-	-
1717.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-50.43	-13.00	-37.43	MBW 1M	-
1717.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.75526G	-52.10	-13.00	-39.10	-	-
1717.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60625G	-36.57	-13.00	-23.57	-	-
1717.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	115.984k	-64.37	-13.00	-51.37	-	-
1717.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-54.43	-13.00	-41.43	-	-
1717.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	578.78M	-63.39	-13.00	-50.39	-	-
1717.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.2285G	-54.92	-13.00	-41.92	-	-
1717.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.63896G	-54.03	-13.00	-41.03	-	-
1717.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	150k	470k	RMS	1.7045G	-41.72	-13.00	-28.72	MBW 1M	-
1717.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	150k	470k	RMS	1.70996G	-41.11	-13.00	-28.11	-	-
1717.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	150k	470k	RMS	1.75589G	-55.60	-13.00	-42.60	-	-
1717.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-59.09	-13.00	-46.09	MBW 1M	-
1717.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.42063G	-49.65	-13.00	-36.65	-	-
1717.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.63475G	-36.60	-13.00	-23.60	-	-
1732.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	119.297k	-64.19	-13.00	-51.19	-	-
1732.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.28	-13.00	-46.28	-	-
1732.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	860.71M	-63.03	-13.00	-50.03	-	-
1732.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.3285G	-54.49	-13.00	-41.49	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.59792G	-54.45	-13.00	-41.45	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-43.87	-13.00	-30.87	MBW 1M	-
1732.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.70956G	-50.62	-13.00	-37.62	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75516G	-49.99	-13.00	-36.99	-	-
1732.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-43.63	-13.00	-30.63	MBW 1M	-
1732.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	3.80683G	-51.77	-13.00	-38.77	-	-
1732.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62575G	-36.27	-13.00	-23.27	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.557k	-63.76	-13.00	-50.76	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.47	-13.00	-48.47	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	997.43M	-62.84	-13.00	-49.84	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4095G	-54.43	-13.00	-41.43	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.51098G	-53.00	-13.00	-40.00	-	-
1732.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	150k	470k	RMS	1.6945G	-53.78	-13.00	-40.78	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	150k	470k	RMS	1.70954G	-65.99	-13.00	-52.99	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	150k	470k	RMS	1.75593G	-66.33	-13.00	-53.33	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	150k	470k	RMS	1.7705G	-56.31	-13.00	-43.31	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.75861G	-51.79	-13.00	-38.79	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61075G	-36.39	-13.00	-23.39	-	-
1747.5MHz_RB 75,#RB 0	Pass	9k	150k	200	1k	RMS	119.156k	-62.53	-13.00	-49.53	-	-
1747.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-60.37	-13.00	-47.37	-	-
1747.5MHz_RB 75,#RB 0	Pass	30M	1G	100k	300k	RMS	996.17M	-62.93	-13.00	-49.93	-	-
1747.5MHz_RB 75,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.1975G	-54.60	-13.00	-41.60	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.62528G	-54.76	-13.00	-41.76	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	150k	470k	RMS	1.7075G	-50.68	-13.00	-37.68	MBW 1M	-
1747.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	150k	470k	RMS	1.7091G	-53.97	-13.00	-40.97	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	150k	470k	RMS	1.75503G	-38.39	-13.00	-25.39	-	-
1747.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	150k	470k	RMS	1.7565G	-31.94	-13.00	-18.94	MBW 1M	-
1747.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	3.80281G	-51.92	-13.00	-38.92	-	-
1747.5MHz_RB 75,#RB 0	Pass	5G	20G	1M	3M	RMS	13.619G	-35.96	-13.00	-22.96	-	-
1747.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	115.42k	-63.60	-13.00	-50.60	-	-
1747.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-60.75	-13.00	-47.75	-	-
1747.5MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	868.47M	-63.50	-13.00	-50.50	-	-
1747.5MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.365G	-53.90	-13.00	-40.90	-	-
1747.5MHz_RB 1,#RB H	Pass	1.5G	1.68G	1M	3M	RMS	1.55886G	-54.43	-13.00	-41.43	-	-
1747.5MHz_RB 1,#RB H	Pass	1.68G	1.709G	150k	470k	RMS	1.7085G	-58.77	-13.00	-45.77	MBW 1M	-
1747.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	150k	470k	RMS	1.70911G	-53.98	-13.00	-40.98	-	-
1747.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	150k	470k	RMS	1.75501G	-45.22	-13.00	-32.22	-	-
1747.5MHz_RB 1,#RB H	Pass	1.756G	1.785G	150k	470k	RMS	1.7605G	-45.24	-13.00	-32.24	MBW 1M	-
1747.5MHz_RB 1,#RB H	Pass	1.785G	5G	1M	3M	RMS	3.50703G	-51.77	-13.00	-38.77	-	-
1747.5MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6025G	-36.37	-13.00	-23.37	-	-
Band 4_LTE_20MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	121.624k	-63.59	-13.00	-50.59	-	-
1720MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.64	-13.00	-45.64	-	-
1720MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	859.93M	-62.73	-13.00	-49.73	-	-
1720MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4015G	-54.55	-13.00	-41.55	-	-
1720MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.62954G	-54.04	-13.00	-41.04	-	-
1720MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7075G	-31.59	-13.00	-18.59	MBW 1M	-
1720MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70995G	-35.22	-13.00	-22.22	-	-
1720MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.7558G	-47.99	-13.00	-34.99	-	-
1720MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7585G	-42.12	-13.00	-29.12	MBW 1M	-
1720MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.843G	-51.90	-13.00	-38.90	-	-
1720MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.60775G	-36.50	-13.00	-23.50	-	-
1720MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.835k	-63.15	-13.00	-50.15	-	-
1720MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	239.55k	-62.69	-13.00	-49.69	-	-
1720MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	888.94M	-63.08	-13.00	-50.08	-	-
1720MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.442G	-54.95	-13.00	-41.95	-	-
1720MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.64229G	-53.39	-13.00	-40.39	-	-
1720MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	620k	RMS	1.7025G	-42.18	-13.00	-29.18	MBW 1M	-
1720MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	620k	RMS	1.70999G	-42.48	-13.00	-29.48	-	-
1720MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	620k	RMS	1.75563G	-65.22	-13.00	-52.22	-	-
1720MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	620k	RMS	1.7585G	-49.08	-13.00	-36.08	MBW 1M	-
1720MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.42114G	-47.17	-13.00	-34.17	-	-
1720MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.646G	-35.81	-13.00	-22.81	-	-
1732.5MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	114.891k	-62.66	-13.00	-49.66	-	-
1732.5MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.39	-13.00	-46.39	-	-
1732.5MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	995M	-62.45	-13.00	-49.45	-	-
1732.5MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4995G	-54.17	-13.00	-41.17	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.59418G	-54.51	-13.00	-41.51	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7085G	-37.79	-13.00	-24.79	MBW 1M	-
1732.5MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70978G	-43.05	-13.00	-30.05	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.75572G	-43.77	-13.00	-30.77	-	-



CSE-TX-Sum Results

Appendix D.5

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)
1732.5MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7575G	-38.17	-13.00	-25.17	MBW 1M	-
1732.5MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.81054G	-52.10	-13.00	-39.10	-	-
1732.5MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61675G	-36.27	-13.00	-23.27	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.588k	-61.85	-13.00	-48.85	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-61.49	-13.00	-48.49	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	942.29M	-62.95	-13.00	-49.95	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4755G	-52.90	-13.00	-39.90	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.63226G	-52.90	-13.00	-39.90	-	-
1732.5MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	620k	RMS	1.6945G	-48.87	-13.00	-35.87	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	620k	RMS	1.70964G	-64.05	-13.00	-51.05	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	620k	RMS	1.75513G	-65.03	-13.00	-52.03	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	620k	RMS	1.7595G	-43.60	-13.00	-30.60	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.44598G	-51.34	-13.00	-38.34	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.61375G	-36.39	-13.00	-23.39	-	-
1745MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	115.279k	-64.64	-13.00	-51.64	-	-
1745MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.19	-13.00	-47.19	-	-
1745MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	866.24M	-63.31	-13.00	-50.31	-	-
1745MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.4045G	-54.99	-13.00	-41.99	-	-
1745MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.54658G	-54.14	-13.00	-41.14	-	-
1745MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7065G	-41.17	-13.00	-28.17	MBW 1M	-
1745MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70935G	-46.56	-13.00	-33.56	-	-
1745MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.75506G	-35.21	-13.00	-22.21	-	-
1745MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-31.20	-13.00	-18.20	MBW 1M	-
1745MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.81896G	-51.98	-13.00	-38.98	-	-
1745MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61G	-36.38	-13.00	-23.38	-	-
1745MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.06k	-62.32	-13.00	-49.32	-	-
1745MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-56.57	-13.00	-43.57	-	-
1745MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	745.57M	-63.22	-13.00	-50.22	-	-
1745MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.355G	-54.73	-13.00	-41.73	-	-
1745MHz_RB 1,#RB H	Pass	1.5G	1.67G	1M	3M	RMS	1.61152G	-53.99	-13.00	-40.99	-	-
1745MHz_RB 1,#RB H	Pass	1.67G	1.709G	200k	620k	RMS	1.7065G	-47.80	-13.00	-34.80	MBW 1M	-
1745MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	620k	RMS	1.70934G	-65.42	-13.00	-52.42	-	-
1745MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	620k	RMS	1.75501G	-45.22	-13.00	-32.22	-	-
1745MHz_RB 1,#RB H	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-45.50	-13.00	-32.50	MBW 1M	-
1745MHz_RB 1,#RB H	Pass	1.795G	5G	1M	3M	RMS	3.50647G	-51.86	-13.00	-38.86	-	-
1745MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.61225G	-36.29	-13.00	-23.29	-	-
Band 4_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	115.208k	-63.24	-13.00	-50.24	-	-
1720MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-57.36	-13.00	-44.36	-	-
1720MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	809.69M	-62.80	-13.00	-49.80	-	-
1720MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.238G	-54.77	-13.00	-41.77	-	-
1720MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.65453G	-53.63	-13.00	-40.63	-	-
1720MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7085G	-34.55	-13.00	-21.55	MBW 1M	-
1720MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70998G	-38.78	-13.00	-25.78	-	-
1720MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.75504G	-49.43	-13.00	-36.43	-	-
1720MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7585G	-43.84	-13.00	-30.84	MBW 1M	-
1720MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.87665G	-52.25	-13.00	-39.25	-	-
1720MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.61675G	-36.55	-13.00	-23.55	-	-
1720MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.82k	-63.85	-13.00	-50.85	-	-
1720MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-57.84	-13.00	-44.84	-	-
1720MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	922.93M	-62.88	-13.00	-49.88	-	-
1720MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.4425G	-54.21	-13.00	-41.21	-	-
1720MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.5867G	-53.13	-13.00	-40.13	-	-
1720MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	620k	RMS	1.7025G	-43.85	-13.00	-30.85	MBW 1M	-



CSE-TX-Sum Results

Appendix D.5

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)
1720MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	620k	RMS	1.70999G	-43.98	-13.00	-30.98	-	-
1720MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	620k	RMS	1.75576G	-65.49	-13.00	-52.49	-	-
1720MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	620k	RMS	1.7585G	-48.83	-13.00	-35.83	MBW 1M	-
1720MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.42074G	-48.68	-13.00	-35.68	-	-
1720MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.60925G	-36.41	-13.00	-23.41	-	-
1732.5MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	115.948k	-65.23	-13.00	-52.23	-	-
1732.5MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-59.38	-13.00	-46.38	-	-
1732.5MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	891.46M	-63.26	-13.00	-50.26	-	-
1732.5MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.274G	-54.86	-13.00	-41.86	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.65827G	-53.82	-13.00	-40.82	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7085G	-40.63	-13.00	-27.63	MBW 1M	-
1732.5MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70995G	-45.69	-13.00	-32.69	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.7552G	-46.39	-13.00	-33.39	-	-
1732.5MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7585G	-40.52	-13.00	-27.52	MBW 1M	-
1732.5MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.849G	-52.18	-13.00	-39.18	-	-
1732.5MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.62425G	-36.53	-13.00	-23.53	-	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.06k	-62.24	-13.00	-49.24	-	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.51	-13.00	-48.51	-	-
1732.5MHz_RB 1,#RB L	Pass	30M	1G	100k	300k	RMS	929.97M	-63.21	-13.00	-50.21	-	-
1732.5MHz_RB 1,#RB L	Pass	1G	1.5G	1M	3M	RMS	1.477G	-54.65	-13.00	-41.65	-	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.63566G	-54.06	-13.00	-41.06	-	-
1732.5MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	620k	RMS	1.6945G	-48.72	-13.00	-35.72	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	620k	RMS	1.7094G	-64.06	-13.00	-51.06	-	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	620k	RMS	1.75591G	-65.03	-13.00	-52.03	-	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	620k	RMS	1.7595G	-45.52	-13.00	-32.52	MBW 1M	-
1732.5MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.81054G	-52.09	-13.00	-39.09	-	-
1732.5MHz_RB 1,#RB L	Pass	5G	20G	1M	3M	RMS	13.601G	-36.82	-13.00	-23.82	-	-
1745MHz_RB 100,#RB 0	Pass	9k	150k	200	1k	RMS	118.486k	-62.22	-13.00	-49.22	-	-
1745MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	187.312k	-60.22	-13.00	-47.22	-	-
1745MHz_RB 100,#RB 0	Pass	30M	1G	100k	300k	RMS	792.95M	-62.94	-13.00	-49.94	-	-
1745MHz_RB 100,#RB 0	Pass	1G	1.5G	1M	3M	RMS	1.0105G	-54.90	-13.00	-41.90	-	-
1745MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.61577G	-53.07	-13.00	-40.07	-	-
1745MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	620k	RMS	1.7085G	-43.66	-13.00	-30.66	MBW 1M	-
1745MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	620k	RMS	1.70902G	-48.72	-13.00	-35.72	-	-
1745MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	620k	RMS	1.755G	-38.25	-13.00	-25.25	-	-
1745MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-33.27	-13.00	-20.27	MBW 1M	-
1745MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	3.80854G	-52.08	-13.00	-39.08	-	-
1745MHz_RB 100,#RB 0	Pass	5G	20G	1M	3M	RMS	13.63025G	-36.20	-13.00	-23.20	-	-
1745MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.954k	-62.75	-13.00	-49.75	-	-
1745MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-60.95	-13.00	-47.95	-	-
1745MHz_RB 1,#RB H	Pass	30M	1G	100k	300k	RMS	883.7M	-63.23	-13.00	-50.23	-	-
1745MHz_RB 1,#RB H	Pass	1G	1.5G	1M	3M	RMS	1.261G	-54.91	-13.00	-41.91	-	-
1745MHz_RB 1,#RB H	Pass	1.5G	1.67G	1M	3M	RMS	1.53434G	-54.16	-13.00	-41.16	-	-
1745MHz_RB 1,#RB H	Pass	1.67G	1.709G	200k	620k	RMS	1.7065G	-47.78	-13.00	-34.78	MBW 1M	-
1745MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	620k	RMS	1.70936G	-65.29	-13.00	-52.29	-	-
1745MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	620k	RMS	1.75501G	-46.41	-13.00	-33.41	-	-
1745MHz_RB 1,#RB H	Pass	1.756G	1.795G	200k	620k	RMS	1.7565G	-46.57	-13.00	-33.57	MBW 1M	-
1745MHz_RB 1,#RB H	Pass	1.795G	5G	1M	3M	RMS	3.83779G	-52.13	-13.00	-39.13	-	-
1745MHz_RB 1,#RB H	Pass	5G	20G	1M	3M	RMS	13.6055G	-36.16	-13.00	-23.16	-	-



<Mode 6> EUT 2 + LTE Band 5 Link

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 5	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,OPSK_1TX	Pass	823.9M	824M	30k	100k	RMS	823.99M	-28.43	-13.00	-15.43	-	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	821.2M	823.9M	30k	100k	RMS	823.85M	-28.68	-13.00	-15.68	MBW 100k	-
LTE_3MHz_Nss1,OPSK_1TX	Pass	823.9M	824M	30k	100k	RMS	824M	-25.16	-13.00	-12.16	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	823.9M	824M	30k	100k	RMS	824M	-26.08	-13.00	-13.08	-	-
LTE_5MHz_Nss1,OPSK_1TX	Pass	823.9M	824M	30k	100k	RMS	824M	-30.54	-13.00	-17.54	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	823.9M	824M	30k	100k	RMS	824M	-30.82	-13.00	-17.82	-	-
LTE_10MHz_Nss1,OPSK_1TX	Pass	804M	823.9M	30k	100k	RMS	823.85M	-34.90	-13.00	-21.90	MBW 100k	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	804M	823.9M	30k	100k	RMS	823.05M	-34.03	-13.00	-21.03	MBW 100k	-



CSE-TX-Sum Results

Appendix D.6

Result

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 5_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	120.143k	-62.51	-13.00	-49.51	-	-
824.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-61.62	-13.00	-48.62	-	-
824.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	420.22M	-66.29	-13.00	-53.29	-	-
824.7MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	820.96M	-50.34	-13.00	-37.34	-	-
824.7MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	823.15M	-28.71	-13.00	-15.71	MBW 100k	-
824.7MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-35.99	-13.00	-22.99	-	-
824.7MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.09M	-74.53	-13.00	-61.53	-	-
824.7MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	850.85M	-67.09	-13.00	-54.09	MBW 100k	-
824.7MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	869.62M	-64.78	-13.00	-51.78	-	-
824.7MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.77635G	-50.30	-13.00	-37.30	-	-
824.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.301k	-64.06	-13.00	-51.06	-	-
824.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.06	-13.00	-48.06	-	-
824.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	432.09M	-65.94	-13.00	-52.94	-	-
824.7MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	820.64M	-55.33	-13.00	-42.33	-	-
824.7MHz_RB 1,#RB L	Pass	821.2M	823.9M	30k	100k	RMS	823.85M	-28.73	-13.00	-15.73	MBW 100k	-
824.7MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.99M	-28.43	-13.00	-15.43	-	-
824.7MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.03M	-74.42	-13.00	-61.42	-	-
824.7MHz_RB 1,#RB L	Pass	849.1M	851.8M	30k	100k	RMS	851.25M	-66.83	-13.00	-53.83	MBW 100k	-
824.7MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	869.21M	-64.57	-13.00	-51.57	-	-
824.7MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.4733G	-47.14	-13.00	-34.14	-	-
836.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.201k	-64.43	-13.00	-51.43	-	-
836.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.75	-13.00	-45.75	-	-
836.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	199.67M	-65.84	-13.00	-52.84	-	-
836.5MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	717.53M	-62.98	-13.00	-49.98	-	-
836.5MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	823.05M	-67.04	-13.00	-54.04	MBW 100k	-
836.5MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.96M	-73.60	-13.00	-60.60	-	-
836.5MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.07M	-73.64	-13.00	-60.64	-	-
836.5MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	849.25M	-66.07	-13.00	-53.07	MBW 100k	-
836.5MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	881.48M	-64.78	-13.00	-51.78	-	-
836.5MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	2.5093G	-50.12	-13.00	-37.12	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.496k	-64.08	-13.00	-51.08	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.52	-13.00	-48.52	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	499.53M	-66.29	-13.00	-53.29	-	-
836.5MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	757.28M	-62.79	-13.00	-49.79	-	-
836.5MHz_RB 1,#RB L	Pass	821.2M	823.9M	30k	100k	RMS	821.45M	-65.85	-13.00	-52.85	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.98M	-73.67	-13.00	-60.67	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.07M	-74.02	-13.00	-61.02	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	851.8M	30k	100k	RMS	851.65M	-65.66	-13.00	-52.66	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	881.66M	-64.40	-13.00	-51.40	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.50795G	-45.94	-13.00	-32.94	-	-
848.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	122.117k	-62.60	-13.00	-49.60	-	-
848.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	194.775k	-61.36	-13.00	-48.36	-	-
848.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	405.77M	-65.78	-13.00	-52.78	-	-
848.3MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	730.14M	-64.41	-13.00	-51.41	-	-
848.3MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	823.35M	-67.04	-13.00	-54.04	MBW 100k	-
848.3MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.92M	-74.74	-13.00	-61.74	-	-
848.3MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-38.28	-13.00	-25.28	-	-
848.3MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	849.65M	-30.77	-13.00	-17.77	MBW 100k	-
848.3MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	851.91M	-56.44	-13.00	-43.44	-	-
848.3MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	2.54485G	-50.18	-13.00	-37.18	-	-
848.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.425k	-64.34	-13.00	-51.34	-	-
848.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	157.462k	-60.59	-13.00	-47.59	-	-



CSE-TX-Sum Results

Appendix D.6

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)
848.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	422.69M	-65.63	-13.00	-52.63	-	-
848.3MHz_RB 1,#RB H	Pass	500M	821.2M	100k	300k	RMS	660.92M	-63.06	-13.00	-50.06	-	-
848.3MHz_RB 1,#RB H	Pass	821.2M	823.9M	30k	100k	RMS	822.55M	-67.62	-13.00	-54.62	MBW 100k	-
848.3MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.91M	-74.56	-13.00	-61.56	-	-
848.3MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849.02M	-34.58	-13.00	-21.58	-	-
848.3MHz_RB 1,#RB H	Pass	849.1M	851.8M	30k	100k	RMS	849.15M	-31.99	-13.00	-18.99	MBW 100k	-
848.3MHz_RB 1,#RB H	Pass	851.8M	1G	100k	300k	RMS	852.17M	-59.91	-13.00	-46.91	-	-
848.3MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-44.75	-13.00	-31.75	-	-
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	115.138k	-64.05	-13.00	-51.05	-	-
824.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.91	-13.00	-45.91	-	-
824.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	489.07M	-65.69	-13.00	-52.69	-	-
824.7MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	821.12M	-52.75	-13.00	-39.75	-	-
824.7MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	823.85M	-28.68	-13.00	-15.68	MBW 100k	-
824.7MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-34.27	-13.00	-21.27	-	-
824.7MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.01M	-74.75	-13.00	-61.75	-	-
824.7MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	850.15M	-64.74	-13.00	-51.74	MBW 100k	-
824.7MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	870.18M	-64.80	-13.00	-51.80	-	-
824.7MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.838G	-49.92	-13.00	-36.92	-	-
824.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.644k	-63.31	-13.00	-50.31	-	-
824.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-62.42	-13.00	-49.42	-	-
824.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	69.01M	-65.63	-13.00	-52.63	-	-
824.7MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	820.64M	-55.47	-13.00	-42.47	-	-
824.7MHz_RB 1,#RB L	Pass	821.2M	823.9M	30k	100k	RMS	823.85M	-33.57	-13.00	-20.57	MBW 100k	-
824.7MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-30.33	-13.00	-17.33	-	-
824.7MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.02M	-73.98	-13.00	-60.98	-	-
824.7MHz_RB 1,#RB L	Pass	849.1M	851.8M	30k	100k	RMS	850.15M	-65.10	-13.00	-52.10	MBW 100k	-
824.7MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	869.55M	-64.49	-13.00	-51.49	-	-
824.7MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.4724G	-47.05	-13.00	-34.05	-	-
836.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	114.609k	-63.37	-13.00	-50.37	-	-
836.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-59.19	-13.00	-46.19	-	-
836.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	466.98M	-65.16	-13.00	-52.16	-	-
836.5MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	566.57M	-63.11	-13.00	-50.11	-	-
836.5MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	823.15M	-65.73	-13.00	-52.73	MBW 100k	-
836.5MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.91M	-73.75	-13.00	-60.75	-	-
836.5MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.08M	-74.20	-13.00	-61.20	-	-
836.5MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	849.65M	-66.03	-13.00	-53.03	MBW 100k	-
836.5MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	881.22M	-64.97	-13.00	-51.97	-	-
836.5MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.80155G	-50.17	-13.00	-37.17	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.306k	-62.58	-13.00	-49.58	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.49	-13.00	-49.49	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	458.64M	-66.45	-13.00	-53.45	-	-
836.5MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	775.75M	-63.62	-13.00	-50.62	-	-
836.5MHz_RB 1,#RB L	Pass	821.2M	823.9M	30k	100k	RMS	821.75M	-66.06	-13.00	-53.06	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.93M	-74.09	-13.00	-61.09	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.03M	-74.24	-13.00	-61.24	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	851.8M	30k	100k	RMS	849.15M	-65.74	-13.00	-52.74	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	881.66M	-64.57	-13.00	-51.57	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.50795G	-45.39	-13.00	-32.39	-	-
848.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	118.557k	-63.43	-13.00	-50.43	-	-
848.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.47	-13.00	-45.47	-	-
848.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	133.4M	-66.51	-13.00	-53.51	-	-
848.3MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	738.89M	-64.69	-13.00	-51.69	-	-
848.3MHz_RB 6,#RB 0	Pass	821.2M	823.9M	30k	100k	RMS	822.45M	-65.55	-13.00	-52.55	MBW 100k	-



CSE-TX-Sum Results

Appendix D.6

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)
848.3MHz_RB 6,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.96M	-74.93	-13.00	-61.93	-	-
848.3MHz_RB 6,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.09M	-36.78	-13.00	-23.78	-	-
848.3MHz_RB 6,#RB 0	Pass	849.1M	851.8M	30k	100k	RMS	849.35M	-31.05	-13.00	-18.05	MBW 100k	-
848.3MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	851.91M	-58.49	-13.00	-45.49	-	-
848.3MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.9091G	-50.16	-13.00	-37.16	-	-
848.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.214k	-65.41	-13.00	-52.41	-	-
848.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-58.51	-13.00	-45.51	-	-
848.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	347.25M	-65.80	-13.00	-52.80	-	-
848.3MHz_RB 1,#RB H	Pass	500M	821.2M	100k	300k	RMS	549.06M	-64.26	-13.00	-51.26	-	-
848.3MHz_RB 1,#RB H	Pass	821.2M	823.9M	30k	100k	RMS	822.25M	-67.18	-13.00	-54.18	MBW 100k	-
848.3MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.94M	-74.42	-13.00	-61.42	-	-
848.3MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849.01M	-35.96	-13.00	-22.96	-	-
848.3MHz_RB 1,#RB H	Pass	849.1M	851.8M	30k	100k	RMS	849.15M	-37.45	-13.00	-24.45	MBW 100k	-
848.3MHz_RB 1,#RB H	Pass	851.8M	1G	100k	300k	RMS	852.1M	-60.70	-13.00	-47.70	-	-
848.3MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-47.04	-13.00	-34.04	-	-
Band 5_LTE_3MHz_Nss1,OPSK_TTX	-	-	-	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	117.922k	-64.52	-13.00	-51.52	-	-
825.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-59.51	-13.00	-46.51	-	-
825.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	423.98M	-64.32	-13.00	-51.32	-	-
825.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	816.41M	-51.47	-13.00	-38.47	-	-
825.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	822.15M	-33.15	-13.00	-20.15	MBW 100k	-
825.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-33.41	-13.00	-20.41	-	-
825.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.03M	-74.35	-13.00	-61.35	-	-
825.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	849.95M	-65.71	-13.00	-52.71	MBW 100k	-
825.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	870.3M	-64.73	-13.00	-51.73	-	-
825.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.76555G	-50.32	-13.00	-37.32	-	-
825.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.919k	-60.92	-13.00	-47.92	-	-
825.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-59.84	-13.00	-46.84	-	-
825.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	483.43M	-65.83	-13.00	-52.83	-	-
825.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	817.6M	-63.29	-13.00	-50.29	-	-
825.5MHz_RB 1,#RB L	Pass	818M	823.9M	30k	100k	RMS	823.85M	-28.51	-13.00	-15.51	MBW 100k	-
825.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-25.16	-13.00	-12.16	-	-
825.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.02M	-74.47	-13.00	-61.47	-	-
825.5MHz_RB 1,#RB L	Pass	849.1M	855M	30k	100k	RMS	849.95M	-66.64	-13.00	-53.64	MBW 100k	-
825.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	869.36M	-64.17	-13.00	-51.17	-	-
825.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47285G	-47.39	-13.00	-34.39	-	-
836.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	119.509k	-63.51	-13.00	-50.51	-	-
836.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-61.22	-13.00	-48.22	-	-
836.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	425.74M	-66.41	-13.00	-53.41	-	-
836.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	794.63M	-64.00	-13.00	-51.00	-	-
836.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	823.55M	-63.05	-13.00	-50.05	MBW 100k	-
836.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-70.02	-13.00	-57.02	-	-
836.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.06M	-70.38	-13.00	-57.38	-	-
836.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	849.65M	-63.86	-13.00	-50.86	MBW 100k	-
836.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	880.59M	-63.71	-13.00	-50.71	-	-
836.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	2.5084G	-50.19	-13.00	-37.19	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.076k	-63.72	-13.00	-50.72	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.08	-13.00	-48.08	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	388.85M	-66.12	-13.00	-53.12	-	-
836.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	718.55M	-63.94	-13.00	-50.94	-	-
836.5MHz_RB 1,#RB L	Pass	818M	823.9M	30k	100k	RMS	818.65M	-66.28	-13.00	-53.28	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.98M	-73.52	-13.00	-60.52	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.03M	-73.99	-13.00	-60.99	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	855M	30k	100k	RMS	852.05M	-65.57	-13.00	-52.57	MBW 100k	-



CSE-TX-Sum Results

Appendix D.6

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)
836.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	881.35M	-64.01	-13.00	-51.01	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.5057G	-44.74	-13.00	-31.74	-	-
847.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	116.054k	-64.54	-13.00	-51.54	-	-
847.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-61.14	-13.00	-48.14	-	-
847.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	492.25M	-65.82	-13.00	-52.82	-	-
847.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	796.46M	-64.43	-13.00	-51.43	-	-
847.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	818.95M	-66.21	-13.00	-53.21	MBW 100k	-
847.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.92M	-74.48	-13.00	-61.48	-	-
847.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-34.09	-13.00	-21.09	-	-
847.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	849.25M	-34.75	-13.00	-21.75	MBW 100k	-
847.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	855M	-55.66	-13.00	-42.66	-	-
847.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.78265G	-49.91	-13.00	-36.91	-	-
847.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.574k	-62.73	-13.00	-49.73	-	-
847.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	172.388k	-61.33	-13.00	-48.33	-	-
847.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	420.34M	-66.53	-13.00	-53.53	-	-
847.5MHz_RB 1,#RB H	Pass	500M	818M	100k	300k	RMS	808.78M	-64.00	-13.00	-51.00	-	-
847.5MHz_RB 1,#RB H	Pass	818M	823.9M	30k	100k	RMS	823.05M	-66.05	-13.00	-53.05	MBW 100k	-
847.5MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.99M	-74.93	-13.00	-61.93	-	-
847.5MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-26.11	-13.00	-13.11	-	-
847.5MHz_RB 1,#RB H	Pass	849.1M	855M	30k	100k	RMS	849.15M	-30.68	-13.00	-17.68	MBW 100k	-
847.5MHz_RB 1,#RB H	Pass	855M	1G	100k	300k	RMS	891.61M	-64.48	-13.00	-51.48	-	-
847.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-45.03	-13.00	-32.03	-	-
Band 5_LTE_3MHz_Nsst1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	118.768k	-63.66	-13.00	-50.66	-	-
825.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.41	-13.00	-46.41	-	-
825.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	418.1M	-65.18	-13.00	-52.18	-	-
825.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	817.84M	-53.53	-13.00	-40.53	-	-
825.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	823.85M	-28.35	-13.00	-15.35	MBW 100k	-
825.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-34.35	-13.00	-21.35	-	-
825.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.02M	-74.75	-13.00	-61.75	-	-
825.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	854.55M	-65.80	-13.00	-52.80	MBW 100k	-
825.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	870.33M	-64.47	-13.00	-51.47	-	-
825.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.80065G	-50.07	-13.00	-37.07	-	-
825.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	116.83k	-63.98	-13.00	-50.98	-	-
825.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-62.74	-13.00	-49.74	-	-
825.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	429.27M	-66.56	-13.00	-53.56	-	-
825.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	815.85M	-63.73	-13.00	-50.73	-	-
825.5MHz_RB 1,#RB L	Pass	818M	823.9M	30k	100k	RMS	823.85M	-26.26	-13.00	-13.26	MBW 100k	-
825.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-26.08	-13.00	-13.08	-	-
825.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.07M	-74.01	-13.00	-61.01	-	-
825.5MHz_RB 1,#RB L	Pass	849.1M	855M	30k	100k	RMS	854.05M	-65.62	-13.00	-52.62	MBW 100k	-
825.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	869.36M	-64.39	-13.00	-51.39	-	-
825.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47285G	-45.82	-13.00	-32.82	-	-
836.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	115.314k	-61.97	-13.00	-48.97	-	-
836.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-59.35	-13.00	-46.35	-	-
836.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	431.73M	-65.54	-13.00	-52.54	-	-
836.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	788.9M	-64.00	-13.00	-51.00	-	-
836.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	823.85M	-63.78	-13.00	-50.78	MBW 100k	-
836.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-71.28	-13.00	-58.28	-	-
836.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-71.76	-13.00	-58.76	-	-
836.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	851.45M	-64.71	-13.00	-51.71	MBW 100k	-
836.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	882.01M	-64.47	-13.00	-51.47	-	-
836.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.79165G	-49.81	-13.00	-36.81	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.015k	-65.27	-13.00	-52.27	-	-



CSE-TX-Sum Results

Appendix D.6

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)
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	179.85k	-60.87	-13.00	-47.87	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	426.33M	-65.89	-13.00	-52.89	-	-
836.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	681.58M	-63.26	-13.00	-50.26	-	-
836.5MHz_RB 1,#RB L	Pass	818M	823.9M	30k	100k	RMS	823.75M	-66.02	-13.00	-53.02	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.98M	-73.91	-13.00	-60.91	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.01M	-74.14	-13.00	-61.14	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	855M	30k	100k	RMS	852.65M	-66.48	-13.00	-53.48	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	880.7M	-64.24	-13.00	-51.24	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.50525G	-45.79	-13.00	-32.79	-	-
847.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	118.064k	-62.48	-13.00	-49.48	-	-
847.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.40	-13.00	-46.40	-	-
847.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	470.39M	-65.66	-13.00	-52.66	-	-
847.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	765.61M	-63.38	-13.00	-50.38	-	-
847.5MHz_RB 15,#RB 0	Pass	818M	823.9M	30k	100k	RMS	822.75M	-65.92	-13.00	-52.92	MBW 100k	-
847.5MHz_RB 15,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.9M	-74.66	-13.00	-61.66	-	-
847.5MHz_RB 15,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.01M	-34.07	-13.00	-21.07	-	-
847.5MHz_RB 15,#RB 0	Pass	849.1M	855M	30k	100k	RMS	849.15M	-32.05	-13.00	-19.05	MBW 100k	-
847.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	855.15M	-56.47	-13.00	-43.47	-	-
847.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.84205G	-50.21	-13.00	-37.21	-	-
847.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	122.152k	-63.39	-13.00	-50.39	-	-
847.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	172.388k	-61.58	-13.00	-48.58	-	-
847.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	452.77M	-66.37	-13.00	-53.37	-	-
847.5MHz_RB 1,#RB H	Pass	500M	818M	100k	300k	RMS	716.4M	-64.23	-13.00	-51.23	-	-
847.5MHz_RB 1,#RB H	Pass	818M	823.9M	30k	100k	RMS	820.35M	-66.92	-13.00	-53.92	MBW 100k	-
847.5MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.97M	-74.63	-13.00	-61.63	-	-
847.5MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-26.49	-13.00	-13.49	-	-
847.5MHz_RB 1,#RB H	Pass	849.1M	855M	30k	100k	RMS	849.15M	-31.23	-13.00	-18.23	MBW 100k	-
847.5MHz_RB 1,#RB H	Pass	855M	1G	100k	300k	RMS	891.65M	-64.72	-13.00	-51.72	-	-
847.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-47.39	-13.00	-34.39	-	-
Band 5_LTE_5MHz_Nss1_OPSK_TX	-	-	-	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	116.23k	-64.42	-13.00	-51.42	-	-
826.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-59.03	-13.00	-46.03	-	-
826.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	405.77M	-66.02	-13.00	-53.02	-	-
826.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	813.92M	-56.32	-13.00	-43.32	-	-
826.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.75M	-36.34	-13.00	-23.34	MBW 100k	-
826.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-36.33	-13.00	-23.33	-	-
826.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.09M	-72.89	-13.00	-59.89	-	-
826.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.15M	-68.63	-13.00	-55.63	MBW 100k	-
826.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	872.43M	-64.26	-13.00	-51.26	-	-
826.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8389G	-50.17	-13.00	-37.17	-	-
826.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.377k	-64.60	-13.00	-51.60	-	-
826.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-58.91	-13.00	-45.91	-	-
826.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	414.34M	-66.21	-13.00	-53.21	-	-
826.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	699.78M	-62.80	-13.00	-49.80	-	-
826.5MHz_RB 1,#RB L	Pass	814M	823.9M	30k	100k	RMS	823.85M	-37.08	-13.00	-24.08	MBW 100k	-
826.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-30.54	-13.00	-17.54	-	-
826.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.1M	-73.95	-13.00	-60.95	-	-
826.5MHz_RB 1,#RB L	Pass	849.1M	859M	30k	100k	RMS	852.45M	-70.09	-13.00	-57.09	MBW 100k	-
826.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	869.33M	-64.52	-13.00	-51.52	-	-
826.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47285G	-45.99	-13.00	-32.99	-	-
836.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	119.967k	-63.18	-13.00	-50.18	-	-
836.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-62.43	-13.00	-49.43	-	-
836.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	246.67M	-66.30	-13.00	-53.30	-	-
836.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	711.4M	-63.18	-13.00	-50.18	-	-



CSE-TX-Sum Results

Appendix D.6

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)
836.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.45M	-55.30	-13.00	-42.30	MBW 100k	-
836.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-60.02	-13.00	-47.02	-	-
836.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.07M	-60.20	-13.00	-47.20	-	-
836.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.25M	-55.58	-13.00	-42.58	MBW 100k	-
836.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	880.15M	-64.38	-13.00	-51.38	-	-
836.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.82765G	-50.09	-13.00	-37.09	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.644k	-61.41	-13.00	-48.41	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.33	-13.00	-49.33	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	415.99M	-65.95	-13.00	-52.95	-	-
836.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	589.49M	-63.94	-13.00	-50.94	-	-
836.5MHz_RB 1,#RB L	Pass	814M	823.9M	30k	100k	RMS	815.15M	-68.81	-13.00	-55.81	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.99M	-73.05	-13.00	-60.05	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.09M	-74.10	-13.00	-61.10	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	859M	30k	100k	RMS	849.35M	-69.70	-13.00	-56.70	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	880.82M	-64.42	-13.00	-51.42	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.50345G	-44.38	-13.00	-31.38	-	-
846.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	122.082k	-64.13	-13.00	-51.13	-	-
846.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-62.15	-13.00	-49.15	-	-
846.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	120.01M	-66.05	-13.00	-53.05	-	-
846.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	806.62M	-63.31	-13.00	-50.31	-	-
846.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.75M	-67.56	-13.00	-54.56	MBW 100k	-
846.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.97M	-71.81	-13.00	-58.81	-	-
846.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-38.00	-13.00	-25.00	-	-
846.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.25M	-39.37	-13.00	-26.37	MBW 100k	-
846.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	859M	-62.37	-13.00	-49.37	-	-
846.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.85195G	-50.19	-13.00	-37.19	-	-
846.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.496k	-64.32	-13.00	-51.32	-	-
846.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-62.11	-13.00	-49.11	-	-
846.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	248.43M	-66.25	-13.00	-53.25	-	-
846.5MHz_RB 1,#RB H	Pass	500M	814M	100k	300k	RMS	762.43M	-63.72	-13.00	-50.72	-	-
846.5MHz_RB 1,#RB H	Pass	814M	823.9M	30k	100k	RMS	818.65M	-70.16	-13.00	-57.16	MBW 100k	-
846.5MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.94M	-74.37	-13.00	-61.37	-	-
846.5MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-31.33	-13.00	-18.33	-	-
846.5MHz_RB 1,#RB H	Pass	849.1M	859M	30k	100k	RMS	849.15M	-38.07	-13.00	-25.07	MBW 100k	-
846.5MHz_RB 1,#RB H	Pass	859M	1G	100k	300k	RMS	891.92M	-63.86	-13.00	-50.86	-	-
846.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-45.66	-13.00	-32.66	-	-
Band 5_LTE_5MHz_Nss1,16OAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	116.512k	-63.22	-13.00	-50.22	-	-
826.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-58.66	-13.00	-45.66	-	-
826.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	152.55M	-66.07	-13.00	-53.07	-	-
826.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	813.92M	-58.50	-13.00	-45.50	-	-
826.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.85M	-35.58	-13.00	-22.58	MBW 100k	-
826.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-36.99	-13.00	-23.99	-	-
826.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.03M	-73.41	-13.00	-60.41	-	-
826.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.25M	-69.79	-13.00	-56.79	MBW 100k	-
826.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	870.88M	-64.63	-13.00	-51.63	-	-
826.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.79345G	-49.71	-13.00	-36.71	-	-
826.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.342k	-64.00	-13.00	-51.00	-	-
826.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-57.82	-13.00	-44.82	-	-
826.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	400.6M	-65.99	-13.00	-52.99	-	-
826.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	643.73M	-63.92	-13.00	-50.92	-	-
826.5MHz_RB 1,#RB L	Pass	814M	823.9M	30k	100k	RMS	823.85M	-37.78	-13.00	-24.78	MBW 100k	-
826.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-30.82	-13.00	-17.82	-	-
826.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.1M	-74.37	-13.00	-61.37	-	-



CSE-TX-Sum Results

Appendix D.6

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)
826.5MHz_RB 1,#RB L	Pass	849.1M	859M	30k	100k	RMS	855.85M	-70.01	-13.00	-57.01	MBW 100k	-
826.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	870.14M	-64.21	-13.00	-51.21	-	-
826.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47285G	-47.15	-13.00	-34.15	-	-
836.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	120.355k	-63.48	-13.00	-50.48	-	-
836.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.55	-13.00	-46.55	-	-
836.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	426.92M	-65.93	-13.00	-52.93	-	-
836.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	785.98M	-63.61	-13.00	-50.61	-	-
836.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.85M	-56.96	-13.00	-43.96	MBW 100k	-
836.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	824M	-61.21	-13.00	-48.21	-	-
836.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.01M	-61.37	-13.00	-48.37	-	-
836.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.25M	-57.41	-13.00	-44.41	MBW 100k	-
836.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	879.45M	-64.15	-13.00	-51.15	-	-
836.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8119G	-50.24	-13.00	-37.24	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.448k	-64.51	-13.00	-51.51	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.52	-13.00	-45.52	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	452.65M	-65.90	-13.00	-52.90	-	-
836.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	720.74M	-63.04	-13.00	-50.04	-	-
836.5MHz_RB 1,#RB L	Pass	814M	823.9M	30k	100k	RMS	823.85M	-69.35	-13.00	-56.35	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.92M	-73.26	-13.00	-60.26	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.02M	-73.94	-13.00	-60.94	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	859M	30k	100k	RMS	853.55M	-69.89	-13.00	-56.89	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	880.57M	-63.91	-13.00	-50.91	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.503G	-45.22	-13.00	-32.22	-	-
846.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	115.208k	-65.11	-13.00	-52.11	-	-
846.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-62.62	-13.00	-49.62	-	-
846.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	461.93M	-65.43	-13.00	-52.43	-	-
846.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	727.49M	-63.91	-13.00	-50.91	-	-
846.5MHz_RB 25,#RB 0	Pass	814M	823.9M	30k	100k	RMS	823.85M	-69.00	-13.00	-56.00	MBW 100k	-
846.5MHz_RB 25,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.93M	-73.29	-13.00	-60.29	-	-
846.5MHz_RB 25,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-38.06	-13.00	-25.06	-	-
846.5MHz_RB 25,#RB 0	Pass	849.1M	859M	30k	100k	RMS	849.25M	-38.30	-13.00	-25.30	MBW 100k	-
846.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	889.95M	-64.39	-13.00	-51.39	-	-
846.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7579G	-50.30	-13.00	-37.30	-	-
846.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.707k	-61.91	-13.00	-48.91	-	-
846.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	4.65M	-63.72	-13.00	-50.72	-	-
846.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	418.69M	-65.75	-13.00	-52.75	-	-
846.5MHz_RB 1,#RB H	Pass	500M	814M	100k	300k	RMS	661.08M	-64.09	-13.00	-51.09	-	-
846.5MHz_RB 1,#RB H	Pass	814M	823.9M	30k	100k	RMS	823.25M	-70.25	-13.00	-57.25	MBW 100k	-
846.5MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.97M	-74.54	-13.00	-61.54	-	-
846.5MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-32.02	-13.00	-19.02	-	-
846.5MHz_RB 1,#RB H	Pass	849.1M	859M	30k	100k	RMS	849.15M	-39.12	-13.00	-26.12	MBW 100k	-
846.5MHz_RB 1,#RB H	Pass	859M	1G	100k	300k	RMS	889.91M	-64.23	-13.00	-51.23	-	-
846.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5462G	-46.68	-13.00	-33.68	-	-
Band 5_LTE_10MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	122.188k	-61.56	-13.00	-48.56	-	-
829MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	187.312k	-61.67	-13.00	-48.67	-	-
829MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	376.63M	-65.94	-13.00	-52.94	-	-
829MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	770.18M	-63.52	-13.00	-50.52	-	-
829MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.85M	-34.90	-13.00	-21.90	MBW 100k	-
829MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-41.04	-13.00	-28.04	-	-
829MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849M	-53.71	-13.00	-40.71	-	-
829MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.55M	-49.22	-13.00	-36.22	MBW 100k	-
829MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	873.72M	-63.32	-13.00	-50.32	-	-
829MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.84565G	-50.36	-13.00	-37.36	-	-



CSE-TX-Sum Results

Appendix D.6

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)
829MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.588k	-64.87	-13.00	-51.87	-	-
829MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.58	-13.00	-45.58	-	-
829MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	214.36M	-65.67	-13.00	-52.67	-	-
829MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	777.1M	-64.30	-13.00	-51.30	-	-
829MHz_RB 1,#RB L	Pass	804M	823.9M	30k	100k	RMS	820.15M	-42.75	-13.00	-29.75	MBW 100k	-
829MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	824M	-44.78	-13.00	-31.78	-	-
829MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.06M	-74.35	-13.00	-61.35	-	-
829MHz_RB 1,#RB L	Pass	849.1M	869M	30k	100k	RMS	863.65M	-64.48	-13.00	-51.48	MBW 100k	-
829MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	876.24M	-63.60	-13.00	-50.60	-	-
829MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47375G	-46.43	-13.00	-33.43	-	-
836.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	121.201k	-61.96	-13.00	-48.96	-	-
836.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-57.48	-13.00	-44.48	-	-
836.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	416.69M	-65.93	-13.00	-52.93	-	-
836.5MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	762.28M	-63.92	-13.00	-50.92	-	-
836.5MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.65M	-40.44	-13.00	-27.44	MBW 100k	-
836.5MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.93M	-45.69	-13.00	-32.69	-	-
836.5MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.06M	-45.02	-13.00	-32.02	-	-
836.5MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.75M	-37.38	-13.00	-24.38	MBW 100k	-
836.5MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	878.89M	-63.56	-13.00	-50.56	-	-
836.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.81775G	-50.07	-13.00	-37.07	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.412k	-61.85	-13.00	-48.85	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	194.775k	-62.72	-13.00	-49.72	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	416.46M	-66.31	-13.00	-53.31	-	-
836.5MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	684.76M	-63.97	-13.00	-50.97	-	-
836.5MHz_RB 1,#RB L	Pass	804M	823.9M	30k	100k	RMS	823.35M	-60.61	-13.00	-47.61	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.92M	-71.35	-13.00	-58.35	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.1M	-73.38	-13.00	-60.38	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	869M	30k	100k	RMS	849.75M	-55.86	-13.00	-42.86	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	878.14M	-63.90	-13.00	-50.90	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.49625G	-43.15	-13.00	-30.15	-	-
844MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	118.804k	-65.77	-13.00	-52.77	-	-
844MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-56.72	-13.00	-43.72	-	-
844MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	442.78M	-65.60	-13.00	-52.60	-	-
844MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	802.56M	-64.32	-13.00	-51.32	-	-
844MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.85M	-48.11	-13.00	-35.11	MBW 100k	-
844MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.96M	-53.48	-13.00	-40.48	-	-
844MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.03M	-42.33	-13.00	-29.33	-	-
844MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.15M	-38.51	-13.00	-25.51	MBW 100k	-
844MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	887.83M	-63.99	-13.00	-50.99	-	-
844MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7912G	-50.34	-13.00	-37.34	-	-
844MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	119.05k	-67.17	-13.00	-54.17	-	-
844MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.29	-13.00	-46.29	-	-
844MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	488.37M	-66.50	-13.00	-53.50	-	-
844MHz_RB 1,#RB H	Pass	500M	804M	100k	300k	RMS	509.12M	-63.43	-13.00	-50.43	-	-
844MHz_RB 1,#RB H	Pass	804M	823.9M	30k	100k	RMS	822.25M	-65.95	-13.00	-52.95	MBW 100k	-
844MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.91M	-74.24	-13.00	-61.24	-	-
844MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-46.23	-13.00	-33.23	-	-
844MHz_RB 1,#RB H	Pass	849.1M	869M	30k	100k	RMS	849.15M	-42.45	-13.00	-29.45	MBW 100k	-
844MHz_RB 1,#RB H	Pass	869M	1G	100k	300k	RMS	889.83M	-63.80	-13.00	-50.80	-	-
844MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.54485G	-46.48	-13.00	-33.48	-	-
Band 5_LTE_10MHz_Nss1_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	118.134k	-63.34	-13.00	-50.34	-	-
829MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-61.84	-13.00	-48.84	-	-
829MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	432.09M	-65.57	-13.00	-52.57	-	-



CSE-TX-Sum Results

Appendix D.6

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)
829MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	768.51M	-63.41	-13.00	-50.41	-	-
829MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.05M	-34.03	-13.00	-21.03	MBW 100k	-
829MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.99M	-41.61	-13.00	-28.61	-	-
829MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.04M	-58.00	-13.00	-45.00	-	-
829MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.15M	-51.27	-13.00	-38.27	MBW 100k	-
829MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	877.45M	-62.97	-13.00	-49.97	-	-
829MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7318G	-50.19	-13.00	-37.19	-	-
829MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.588k	-64.83	-13.00	-51.83	-	-
829MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-59.08	-13.00	-46.08	-	-
829MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	436.67M	-65.58	-13.00	-52.58	-	-
829MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	754.37M	-64.07	-13.00	-51.07	-	-
829MHz_RB 1,#RB L	Pass	804M	823.9M	30k	100k	RMS	820.15M	-42.88	-13.00	-29.88	MBW 100k	-
829MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.99M	-45.45	-13.00	-32.45	-	-
829MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.07M	-74.34	-13.00	-61.34	-	-
829MHz_RB 1,#RB L	Pass	849.1M	869M	30k	100k	RMS	855.65M	-65.28	-13.00	-52.28	MBW 100k	-
829MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	877.74M	-63.62	-13.00	-50.62	-	-
829MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.47375G	-47.73	-13.00	-34.73	-	-
836.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	120.038k	-63.03	-13.00	-50.03	-	-
836.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-61.86	-13.00	-48.86	-	-
836.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	87.11M	-65.76	-13.00	-52.76	-	-
836.5MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	709.84M	-64.25	-13.00	-51.25	-	-
836.5MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.35M	-43.49	-13.00	-30.49	MBW 100k	-
836.5MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.94M	-50.04	-13.00	-37.04	-	-
836.5MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.02M	-47.46	-13.00	-34.46	-	-
836.5MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.35M	-40.34	-13.00	-27.34	MBW 100k	-
836.5MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	878.5M	-63.94	-13.00	-50.94	-	-
836.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7786G	-50.00	-13.00	-37.00	-	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.394k	-63.31	-13.00	-50.31	-	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.21	-13.00	-49.21	-	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	493.54M	-66.18	-13.00	-53.18	-	-
836.5MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	803.01M	-63.81	-13.00	-50.81	-	-
836.5MHz_RB 1,#RB L	Pass	804M	823.9M	30k	100k	RMS	823.25M	-59.53	-13.00	-46.53	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	823.9M	824M	30k	100k	RMS	823.97M	-71.61	-13.00	-58.61	-	-
836.5MHz_RB 1,#RB L	Pass	849M	849.1M	30k	100k	RMS	849.07M	-74.00	-13.00	-61.00	-	-
836.5MHz_RB 1,#RB L	Pass	849.1M	869M	30k	100k	RMS	849.75M	-57.64	-13.00	-44.64	MBW 100k	-
836.5MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	878.73M	-63.46	-13.00	-50.46	-	-
836.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.49625G	-45.91	-13.00	-32.91	-	-
844MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	122.188k	-63.97	-13.00	-50.97	-	-
844MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-61.32	-13.00	-48.32	-	-
844MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	472.39M	-65.53	-13.00	-52.53	-	-
844MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	732.33M	-62.30	-13.00	-49.30	-	-
844MHz_RB 50,#RB 0	Pass	804M	823.9M	30k	100k	RMS	823.55M	-50.41	-13.00	-37.41	MBW 100k	-
844MHz_RB 50,#RB 0	Pass	823.9M	824M	30k	100k	RMS	823.98M	-56.58	-13.00	-43.58	-	-
844MHz_RB 50,#RB 0	Pass	849M	849.1M	30k	100k	RMS	849.04M	-43.63	-13.00	-30.63	-	-
844MHz_RB 50,#RB 0	Pass	849.1M	869M	30k	100k	RMS	849.15M	-37.85	-13.00	-24.85	MBW 100k	-
844MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	889.99M	-63.69	-13.00	-50.69	-	-
844MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8335G	-50.04	-13.00	-37.04	-	-
844MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	116.794k	-64.59	-13.00	-51.59	-	-
844MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	157.462k	-60.35	-13.00	-47.35	-	-
844MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	417.05M	-65.84	-13.00	-52.84	-	-
844MHz_RB 1,#RB H	Pass	500M	804M	100k	300k	RMS	748.67M	-63.62	-13.00	-50.62	-	-
844MHz_RB 1,#RB H	Pass	804M	823.9M	30k	100k	RMS	811.15M	-65.65	-13.00	-52.65	MBW 100k	-
844MHz_RB 1,#RB H	Pass	823.9M	824M	30k	100k	RMS	823.97M	-74.25	-13.00	-61.25	-	-
844MHz_RB 1,#RB H	Pass	849M	849.1M	30k	100k	RMS	849M	-45.40	-13.00	-32.40	-	-



CSE-TX-Sum Results

Appendix D.6

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)
844MHz_RB 1,#RB H	Pass	849.1M	869M	30k	100k	RMS	852.85M	-44.77	-13.00	-31.77	MBW 100k	-
844MHz_RB 1,#RB H	Pass	869M	1G	100k	300k	RMS	889.83M	-63.97	-13.00	-50.97	-	-
844MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	2.5453G	-45.98	-13.00	-32.98	-	-



<Mode 7> EUT 2 + LTE Band 12 Link

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 12	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,OPSK_1TX	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-25.86	-13.00	-12.86	MBW 100k	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	716M	716.1M	30k	100k	RMS	716M	-26.31	-13.00	-13.31	-	-
LTE_3MHz_Nss1,OPSK_1TX	Pass	716M	716.1M	30k	100k	RMS	716M	-22.69	-13.00	-9.69	-	-
LTE_3MHz_Nss1,16QAM_1TX	Pass	716M	716.1M	30k	100k	RMS	716M	-22.69	-13.00	-9.69	-	-
LTE_5MHz_Nss1,OPSK_1TX	Pass	716M	716.1M	30k	100k	RMS	716M	-32.47	-13.00	-19.47	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	716M	716.1M	30k	100k	RMS	716M	-32.06	-13.00	-19.06	-	-
LTE_10MHz_Nss1,OPSK_1TX	Pass	678M	697.9M	30k	100k	RMS	697.15M	-31.63	-13.00	-18.63	MBW 100k	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	678M	697.9M	30k	100k	RMS	697.45M	-33.14	-13.00	-20.14	MBW 100k	-



CSE-TX-Sum Results

Appendix D.7

Result

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 12_LTE_1.4MHz_Nss1_QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.8k	-63.24	-13.00	-50.24	-	-
699.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.77	-13.00	-45.77	-	-
699.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	84.05M	-66.32	-13.00	-53.32	-	-
699.7MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	694.96M	-49.25	-13.00	-36.25	-	-
699.7MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	697.35M	-40.46	-13.00	-27.46	MBW 100k	-
699.7MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.91M	-47.70	-13.00	-34.70	-	-
699.7MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.03M	-74.01	-13.00	-61.01	-	-
699.7MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	716.25M	-64.96	-13.00	-51.96	MBW 100k	-
699.7MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	729.27M	-66.75	-13.00	-53.75	-	-
699.7MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.74665G	-50.19	-13.00	-37.19	-	-
699.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.46k	-62.78	-13.00	-49.78	-	-
699.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-61.57	-13.00	-48.57	-	-
699.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	463.93M	-64.59	-13.00	-51.59	-	-
699.7MHz_RB 1,#RB L	Pass	500M	695.2M	100k	300k	RMS	695.2M	-59.79	-13.00	-46.79	-	-
699.7MHz_RB 1,#RB L	Pass	695.2M	697.9M	30k	100k	RMS	697.55M	-54.75	-13.00	-41.75	MBW 100k	-
699.7MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.96M	-58.79	-13.00	-45.79	-	-
699.7MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.04M	-74.22	-13.00	-61.22	-	-
699.7MHz_RB 1,#RB L	Pass	716.1M	718.8M	30k	100k	RMS	717.75M	-65.96	-13.00	-52.96	MBW 100k	-
699.7MHz_RB 1,#RB L	Pass	718.8M	1G	100k	300k	RMS	729.27M	-66.76	-13.00	-53.76	-	-
699.7MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.81325G	-50.10	-13.00	-37.10	-	-
707.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	121.941k	-60.92	-13.00	-47.92	-	-
707.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-57.78	-13.00	-44.78	-	-
707.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	307.54M	-65.86	-13.00	-52.86	-	-
707.5MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	687.98M	-61.05	-13.00	-48.05	-	-
707.5MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	696.45M	-64.92	-13.00	-51.92	MBW 100k	-
707.5MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.93M	-73.14	-13.00	-60.14	-	-
707.5MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.07M	-73.04	-13.00	-60.04	-	-
707.5MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	716.55M	-65.31	-13.00	-52.31	MBW 100k	-
707.5MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	737.92M	-66.80	-13.00	-53.80	-	-
707.5MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.81505G	-50.34	-13.00	-37.34	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.416k	-62.35	-13.00	-49.35	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.14	-13.00	-46.14	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	451.36M	-65.59	-13.00	-52.59	-	-
707.5MHz_RB 1,#RB L	Pass	500M	695.2M	100k	300k	RMS	693.78M	-64.38	-13.00	-51.38	-	-
707.5MHz_RB 1,#RB L	Pass	695.2M	697.9M	30k	100k	RMS	696.35M	-64.38	-13.00	-51.38	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.95M	-72.95	-13.00	-59.95	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.08M	-72.30	-13.00	-59.30	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-65.47	-13.00	-52.47	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	718.8M	1G	100k	300k	RMS	737.22M	-67.07	-13.00	-54.07	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.1214G	-49.59	-13.00	-36.59	-	-
715.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	114.644k	-65.25	-13.00	-52.25	-	-
715.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-56.67	-13.00	-43.67	-	-
715.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	200.85M	-65.64	-13.00	-52.64	-	-
715.3MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	553.83M	-64.42	-13.00	-51.42	-	-
715.3MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	695.35M	-66.29	-13.00	-53.29	MBW 100k	-
715.3MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.99M	-74.68	-13.00	-61.68	-	-
715.3MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-29.33	-13.00	-16.33	-	-
715.3MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-25.86	-13.00	-12.86	MBW 100k	-
715.3MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	718.87M	-58.25	-13.00	-45.25	-	-
715.3MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.80605G	-50.02	-13.00	-37.02	-	-
715.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	121.166k	-61.24	-13.00	-48.24	-	-
715.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	179.85k	-61.79	-13.00	-48.79	-	-



CSE-TX-Sum Results

Appendix D.7

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)
715.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	486.96M	-65.56	-13.00	-52.56	-	-
715.3MHz_RB 1,#RB H	Pass	500M	695.2M	100k	300k	RMS	672.51M	-64.16	-13.00	-51.16	-	-
715.3MHz_RB 1,#RB H	Pass	695.2M	697.9M	30k	100k	RMS	696.85M	-65.67	-13.00	-52.67	MBW 100k	-
715.3MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.94M	-74.43	-13.00	-61.43	-	-
715.3MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-26.62	-13.00	-13.62	-	-
715.3MHz_RB 1,#RB H	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-33.57	-13.00	-20.57	MBW 100k	-
715.3MHz_RB 1,#RB H	Pass	718.8M	1G	100k	300k	RMS	718.87M	-65.17	-13.00	-52.17	-	-
715.3MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.80605G	-50.04	-13.00	-37.04	-	-
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	118.24k	-61.97	-13.00	-48.97	-	-
699.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-61.96	-13.00	-48.96	-	-
699.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	469.8M	-65.11	-13.00	-52.11	-	-
699.7MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	695.15M	-51.01	-13.00	-38.01	-	-
699.7MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	697.65M	-41.09	-13.00	-28.09	MBW 100k	-
699.7MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.96M	-47.82	-13.00	-34.82	-	-
699.7MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.04M	-74.30	-13.00	-61.30	-	-
699.7MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	717.15M	-66.38	-13.00	-53.38	MBW 100k	-
699.7MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	729.42M	-66.41	-13.00	-53.41	-	-
699.7MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.74125G	-50.03	-13.00	-37.03	-	-
699.7MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.896k	-63.18	-13.00	-50.18	-	-
699.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.49	-13.00	-48.49	-	-
699.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	451.36M	-65.32	-13.00	-52.32	-	-
699.7MHz_RB 1,#RB L	Pass	500M	695.2M	100k	300k	RMS	694.61M	-60.78	-13.00	-47.78	-	-
699.7MHz_RB 1,#RB L	Pass	695.2M	697.9M	30k	100k	RMS	697.15M	-55.34	-13.00	-42.34	MBW 100k	-
699.7MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.97M	-60.80	-13.00	-47.80	-	-
699.7MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.04M	-74.32	-13.00	-61.32	-	-
699.7MHz_RB 1,#RB L	Pass	716.1M	718.8M	30k	100k	RMS	717.05M	-66.80	-13.00	-53.80	MBW 100k	-
699.7MHz_RB 1,#RB L	Pass	718.8M	1G	100k	300k	RMS	729.2M	-66.80	-13.00	-53.80	-	-
699.7MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.81505G	-50.08	-13.00	-37.08	-	-
707.5MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	120.108k	-62.94	-13.00	-49.94	-	-
707.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	164.925k	-62.68	-13.00	-49.68	-	-
707.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	373.22M	-65.26	-13.00	-52.26	-	-
707.5MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	688.81M	-61.77	-13.00	-48.77	-	-
707.5MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	696.55M	-65.34	-13.00	-52.34	MBW 100k	-
707.5MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.91M	-73.84	-13.00	-60.84	-	-
707.5MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-73.27	-13.00	-60.27	-	-
707.5MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	717.05M	-67.26	-13.00	-54.26	MBW 100k	-
707.5MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	737.29M	-66.64	-13.00	-53.64	-	-
707.5MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8479G	-50.01	-13.00	-37.01	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	115.561k	-62.47	-13.00	-49.47	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.51	-13.00	-46.51	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	402.01M	-65.90	-13.00	-52.90	-	-
707.5MHz_RB 1,#RB L	Pass	500M	695.2M	100k	300k	RMS	620.83M	-63.27	-13.00	-50.27	-	-
707.5MHz_RB 1,#RB L	Pass	695.2M	697.9M	30k	100k	RMS	695.35M	-64.07	-13.00	-51.07	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.93M	-73.11	-13.00	-60.11	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.03M	-72.91	-13.00	-59.91	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	718.8M	30k	100k	RMS	716.35M	-64.85	-13.00	-51.85	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	718.8M	1G	100k	300k	RMS	737.71M	-66.33	-13.00	-53.33	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.9001G	-50.38	-13.00	-37.38	-	-
715.3MHz_RB 6,#RB 0	Pass	9k	150k	200	1k	RMS	119.544k	-64.30	-13.00	-51.30	-	-
715.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-57.10	-13.00	-44.10	-	-
715.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	361.47M	-65.56	-13.00	-52.56	-	-
715.3MHz_RB 6,#RB 0	Pass	500M	695.2M	100k	300k	RMS	691.15M	-64.43	-13.00	-51.43	-	-
715.3MHz_RB 6,#RB 0	Pass	695.2M	697.9M	30k	100k	RMS	697.75M	-67.65	-13.00	-54.65	MBW 100k	-



CSE-TX-Sum Results

Appendix D.7

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)
715.3MHz_RB 6,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.91M	-74.42	-13.00	-61.42	-	-
715.3MHz_RB 6,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.01M	-30.46	-13.00	-17.46	-	-
715.3MHz_RB 6,#RB 0	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-27.60	-13.00	-14.60	MBW 100k	-
715.3MHz_RB 6,#RB 0	Pass	718.8M	1G	100k	300k	RMS	718.8M	-59.09	-13.00	-46.09	-	-
715.3MHz_RB 6,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8344G	-49.96	-13.00	-36.96	-	-
715.3MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	117.253k	-63.67	-13.00	-50.67	-	-
715.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-59.73	-13.00	-46.73	-	-
715.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	420.81M	-65.50	-13.00	-52.50	-	-
715.3MHz_RB 1,#RB H	Pass	500M	695.2M	100k	300k	RMS	615.66M	-63.85	-13.00	-50.85	-	-
715.3MHz_RB 1,#RB H	Pass	695.2M	697.9M	30k	100k	RMS	696.65M	-59.60	-13.00	-46.60	MBW 100k	-
715.3MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.97M	-74.32	-13.00	-61.32	-	-
715.3MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-26.31	-13.00	-13.31	-	-
715.3MHz_RB 1,#RB H	Pass	716.1M	718.8M	30k	100k	RMS	716.15M	-32.44	-13.00	-19.44	MBW 100k	-
715.3MHz_RB 1,#RB H	Pass	718.8M	1G	100k	300k	RMS	719.01M	-66.58	-13.00	-53.58	-	-
715.3MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.91135G	-50.19	-13.00	-37.19	-	-
Band T2_LTE_3MHz_Nss1,OPSK_TTX	-	-	-	-	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	114.75k	-61.44	-13.00	-48.44	-	-
700.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.72	-13.00	-46.72	-	-
700.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	495.54M	-65.98	-13.00	-52.98	-	-
700.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	691.95M	-49.72	-13.00	-36.72	-	-
700.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	697.85M	-30.68	-13.00	-17.68	MBW 100k	-
700.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.91M	-38.03	-13.00	-25.03	-	-
700.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.01M	-69.72	-13.00	-56.72	-	-
700.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	716.75M	-65.08	-13.00	-52.08	MBW 100k	-
700.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	731.38M	-65.15	-13.00	-52.15	-	-
700.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7975G	-49.89	-13.00	-36.89	-	-
700.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.438k	-62.57	-13.00	-49.57	-	-
700.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	164.925k	-61.13	-13.00	-48.13	-	-
700.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	376.63M	-64.82	-13.00	-51.82	-	-
700.5MHz_RB 1,#RB L	Pass	500M	692M	100k	300k	RMS	690.9M	-62.95	-13.00	-49.95	-	-
700.5MHz_RB 1,#RB L	Pass	692M	697.9M	30k	100k	RMS	697.85M	-49.04	-13.00	-36.04	MBW 100k	-
700.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.99M	-47.83	-13.00	-34.83	-	-
700.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.07M	-74.41	-13.00	-61.41	-	-
700.5MHz_RB 1,#RB L	Pass	716.1M	722M	30k	100k	RMS	718.45M	-59.16	-13.00	-46.16	MBW 100k	-
700.5MHz_RB 1,#RB L	Pass	722M	1G	100k	300k	RMS	730.76M	-66.51	-13.00	-53.51	-	-
700.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.67825G	-50.32	-13.00	-37.32	-	-
707.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	122.152k	-60.69	-13.00	-47.69	-	-
707.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.79	-13.00	-45.79	-	-
707.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	493.42M	-65.89	-13.00	-52.89	-	-
707.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	692M	-62.57	-13.00	-49.57	-	-
707.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	697.25M	-56.16	-13.00	-43.16	MBW 100k	-
707.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	698M	-62.43	-13.00	-49.43	-	-
707.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-58.44	-13.00	-45.44	-	-
707.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	716.25M	-54.05	-13.00	-41.05	MBW 100k	-
707.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	737.78M	-65.88	-13.00	-52.88	-	-
707.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.84835G	-50.16	-13.00	-37.16	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.32k	-62.79	-13.00	-49.79	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-60.30	-13.00	-47.30	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	498.83M	-65.10	-13.00	-52.10	-	-
707.5MHz_RB 1,#RB L	Pass	500M	692M	100k	300k	RMS	521.89M	-63.77	-13.00	-50.77	-	-
707.5MHz_RB 1,#RB L	Pass	692M	697.9M	30k	100k	RMS	695.25M	-63.57	-13.00	-50.57	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.94M	-72.39	-13.00	-59.39	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.08M	-72.80	-13.00	-59.80	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	722M	30k	100k	RMS	716.15M	-64.16	-13.00	-51.16	MBW 100k	-



CSE-TX-Sum Results

Appendix D.7

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)
707.5MHz_RB 1,#RB L	Pass	722M	1G	100k	300k	RMS	738.05M	-66.15	-13.00	-53.15	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.1187G	-49.70	-13.00	-36.70	-	-
714.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	122.012k	-64.16	-13.00	-51.16	-	-
714.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	4.598M	-52.36	-13.00	-39.36	-	-
714.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	413.17M	-64.89	-13.00	-51.89	-	-
714.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	671.46M	-64.39	-13.00	-51.39	-	-
714.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	696.45M	-66.19	-13.00	-53.19	MBW 100k	-
714.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.94M	-73.00	-13.00	-60.00	-	-
714.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-29.67	-13.00	-16.67	-	-
714.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	716.15M	-27.77	-13.00	-14.77	MBW 100k	-
714.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	722.21M	-63.43	-13.00	-50.43	-	-
714.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.84295G	-50.22	-13.00	-37.22	-	-
714.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.644k	-61.37	-13.00	-48.37	-	-
714.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	4.598M	-51.69	-13.00	-38.69	-	-
714.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	444.78M	-65.38	-13.00	-52.38	-	-
714.5MHz_RB 1,#RB H	Pass	500M	692M	100k	300k	RMS	682.11M	-63.57	-13.00	-50.57	-	-
714.5MHz_RB 1,#RB H	Pass	692M	697.9M	30k	100k	RMS	696.55M	-66.12	-13.00	-53.12	MBW 100k	-
714.5MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.97M	-74.28	-13.00	-61.28	-	-
714.5MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-22.69	-13.00	-9.69	-	-
714.5MHz_RB 1,#RB H	Pass	716.1M	722M	30k	100k	RMS	716.15M	-33.61	-13.00	-20.61	MBW 100k	-
714.5MHz_RB 1,#RB H	Pass	722M	1G	100k	300k	RMS	744.1M	-66.88	-13.00	-53.88	-	-
714.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	8.15905G	-50.18	-13.00	-37.18	-	-
Band 12_LTE_3MHz_Nss1_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	118.663k	-64.10	-13.00	-51.10	-	-
700.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	4.605M	-52.18	-13.00	-39.18	-	-
700.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	470.63M	-66.20	-13.00	-53.20	-	-
700.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	692M	-52.97	-13.00	-39.97	-	-
700.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	697.55M	-31.84	-13.00	-18.84	MBW 100k	-
700.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.93M	-37.84	-13.00	-24.84	-	-
700.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.03M	-71.99	-13.00	-58.99	-	-
700.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	717.35M	-65.25	-13.00	-52.25	MBW 100k	-
700.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	731.17M	-66.20	-13.00	-53.20	-	-
700.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8704G	-50.28	-13.00	-37.28	-	-
700.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.474k	-65.14	-13.00	-52.14	-	-
700.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	4.605M	-51.70	-13.00	-38.70	-	-
700.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	438.55M	-64.89	-13.00	-51.89	-	-
700.5MHz_RB 1,#RB L	Pass	500M	692M	100k	300k	RMS	692M	-64.27	-13.00	-51.27	-	-
700.5MHz_RB 1,#RB L	Pass	692M	697.9M	30k	100k	RMS	697.85M	-46.75	-13.00	-33.75	MBW 100k	-
700.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.98M	-49.16	-13.00	-36.16	-	-
700.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716M	-73.70	-13.00	-60.70	-	-
700.5MHz_RB 1,#RB L	Pass	716.1M	722M	30k	100k	RMS	721.45M	-66.30	-13.00	-53.30	MBW 100k	-
700.5MHz_RB 1,#RB L	Pass	722M	1G	100k	300k	RMS	729.37M	-66.05	-13.00	-53.05	-	-
700.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.77365G	-50.16	-13.00	-37.16	-	-
707.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	114.715k	-64.14	-13.00	-51.14	-	-
707.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	4.598M	-51.56	-13.00	-38.56	-	-
707.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	179.81M	-65.78	-13.00	-52.78	-	-
707.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	559.81M	-64.20	-13.00	-51.20	-	-
707.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	697.25M	-55.82	-13.00	-42.82	MBW 100k	-
707.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.99M	-63.76	-13.00	-50.76	-	-
707.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.07M	-61.58	-13.00	-48.58	-	-
707.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	716.85M	-55.51	-13.00	-42.51	MBW 100k	-
707.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	737.85M	-65.77	-13.00	-52.77	-	-
707.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.72595G	-50.21	-13.00	-37.21	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.024k	-62.56	-13.00	-49.56	-	-



CSE-TX-Sum Results

Appendix D.7

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)
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	4.605M	-51.53	-13.00	-38.53	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	451.59M	-65.25	-13.00	-52.25	-	-
707.5MHz_RB 1,#RB L	Pass	500M	692M	100k	300k	RMS	525.39M	-63.92	-13.00	-50.92	-	-
707.5MHz_RB 1,#RB L	Pass	692M	697.9M	30k	100k	RMS	697.05M	-65.19	-13.00	-52.19	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.95M	-72.61	-13.00	-59.61	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716M	-73.04	-13.00	-60.04	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	722M	30k	100k	RMS	719.55M	-65.75	-13.00	-52.75	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	722M	1G	100k	300k	RMS	737.64M	-66.08	-13.00	-53.08	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.78175G	-50.07	-13.00	-37.07	-	-
714.5MHz_RB 15,#RB 0	Pass	9k	150k	200	1k	RMS	120.602k	-63.10	-13.00	-50.10	-	-
714.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	4.598M	-52.26	-13.00	-39.26	-	-
714.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	480.5M	-65.76	-13.00	-52.76	-	-
714.5MHz_RB 15,#RB 0	Pass	500M	692M	100k	300k	RMS	512.58M	-64.10	-13.00	-51.10	-	-
714.5MHz_RB 15,#RB 0	Pass	692M	697.9M	30k	100k	RMS	695.75M	-65.74	-13.00	-52.74	MBW 100k	-
714.5MHz_RB 15,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.93M	-73.38	-13.00	-60.38	-	-
714.5MHz_RB 15,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-30.58	-13.00	-17.58	-	-
714.5MHz_RB 15,#RB 0	Pass	716.1M	722M	30k	100k	RMS	716.15M	-30.71	-13.00	-17.71	MBW 100k	-
714.5MHz_RB 15,#RB 0	Pass	722M	1G	100k	300k	RMS	722M	-64.57	-13.00	-51.57	-	-
714.5MHz_RB 15,#RB 0	Pass	1G	10G	1M	3M	RMS	9.80875G	-50.30	-13.00	-37.30	-	-
714.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	119.967k	-63.67	-13.00	-50.67	-	-
714.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	157.462k	-57.93	-13.00	-44.93	-	-
714.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	388.49M	-65.73	-13.00	-52.73	-	-
714.5MHz_RB 1,#RB H	Pass	500M	692M	100k	300k	RMS	525.34M	-64.25	-13.00	-51.25	-	-
714.5MHz_RB 1,#RB H	Pass	692M	697.9M	30k	100k	RMS	696.35M	-66.28	-13.00	-53.28	MBW 100k	-
714.5MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.95M	-74.50	-13.00	-61.50	-	-
714.5MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-22.69	-13.00	-9.69	-	-
714.5MHz_RB 1,#RB H	Pass	716.1M	722M	30k	100k	RMS	716.15M	-34.14	-13.00	-21.14	MBW 100k	-
714.5MHz_RB 1,#RB H	Pass	722M	1G	100k	300k	RMS	743.41M	-66.21	-13.00	-53.21	-	-
714.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.7399G	-50.40	-13.00	-37.40	-	-
Band 12_LTE_5MHz_Nss1.OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	118.874k	-62.79	-13.00	-49.79	-	-
701.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-62.19	-13.00	-49.19	-	-
701.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	432.79M	-65.29	-13.00	-52.29	-	-
701.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	687.86M	-51.78	-13.00	-38.78	-	-
701.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	696.75M	-33.66	-13.00	-20.66	MBW 100k	-
701.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.94M	-38.27	-13.00	-25.27	-	-
701.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.01M	-59.99	-13.00	-46.99	-	-
701.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	716.15M	-56.75	-13.00	-43.75	MBW 100k	-
701.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	731.75M	-66.15	-13.00	-53.15	-	-
701.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.87175G	-50.16	-13.00	-37.16	-	-
701.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.91k	-63.63	-13.00	-50.63	-	-
701.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-60.61	-13.00	-47.61	-	-
701.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	409.76M	-65.45	-13.00	-52.45	-	-
701.5MHz_RB 1,#RB L	Pass	500M	688M	100k	300k	RMS	669.67M	-63.01	-13.00	-50.01	-	-
701.5MHz_RB 1,#RB L	Pass	688M	697.9M	30k	100k	RMS	697.15M	-43.33	-13.00	-30.33	MBW 100k	-
701.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.99M	-58.80	-13.00	-45.80	-	-
701.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.03M	-74.22	-13.00	-61.22	-	-
701.5MHz_RB 1,#RB L	Pass	716.1M	726M	30k	100k	RMS	718.45M	-69.44	-13.00	-56.44	MBW 100k	-
701.5MHz_RB 1,#RB L	Pass	726M	1G	100k	300k	RMS	732.71M	-65.31	-13.00	-52.31	-	-
701.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.81595G	-50.16	-13.00	-37.16	-	-
707.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	115.737k	-63.06	-13.00	-50.06	-	-
707.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-55.55	-13.00	-42.55	-	-
707.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	339.73M	-65.72	-13.00	-52.72	-	-
707.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	687.72M	-61.63	-13.00	-48.63	-	-



CSE-TX-Sum Results

Appendix D.7

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)
707.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	697.35M	-51.54	-13.00	-38.54	MBW 100k	-
707.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.96M	-56.09	-13.00	-43.09	-	-
707.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.02M	-59.56	-13.00	-46.56	-	-
707.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	717.35M	-54.25	-13.00	-41.25	MBW 100k	-
707.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	739.56M	-65.48	-13.00	-52.48	-	-
707.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.80605G	-50.35	-13.00	-37.35	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.412k	-61.55	-13.00	-48.55	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-59.50	-13.00	-46.50	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	415.4M	-64.90	-13.00	-51.90	-	-
707.5MHz_RB 1,#RB L	Pass	500M	688M	100k	300k	RMS	665.39M	-63.90	-13.00	-50.90	-	-
707.5MHz_RB 1,#RB L	Pass	688M	697.9M	30k	100k	RMS	696.75M	-65.13	-13.00	-52.13	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.98M	-72.07	-13.00	-59.07	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.1M	-72.59	-13.00	-59.59	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	726M	30k	100k	RMS	716.95M	-68.78	-13.00	-55.78	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	726M	1G	100k	300k	RMS	737.71M	-65.68	-13.00	-52.68	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.83125G	-50.04	-13.00	-37.04	-	-
713.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	120.32k	-62.97	-13.00	-49.97	-	-
713.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-58.42	-13.00	-45.42	-	-
713.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	446.07M	-64.79	-13.00	-51.79	-	-
713.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	532.57M	-63.88	-13.00	-50.88	-	-
713.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	696.05M	-57.61	-13.00	-44.61	MBW 100k	-
713.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.9M	-63.76	-13.00	-50.76	-	-
713.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-33.88	-13.00	-20.88	-	-
713.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	716.15M	-32.82	-13.00	-19.82	MBW 100k	-
713.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	742.03M	-66.01	-13.00	-53.01	-	-
713.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8128G	-50.07	-13.00	-37.07	-	-
713.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	117.958k	-63.94	-13.00	-50.94	-	-
713.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-58.51	-13.00	-45.51	-	-
713.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	461.34M	-65.77	-13.00	-52.77	-	-
713.5MHz_RB 1,#RB H	Pass	500M	688M	100k	300k	RMS	657.5M	-63.63	-13.00	-50.63	-	-
713.5MHz_RB 1,#RB H	Pass	688M	697.9M	30k	100k	RMS	696.45M	-66.15	-13.00	-53.15	MBW 100k	-
713.5MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.93M	-74.48	-13.00	-61.48	-	-
713.5MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-32.47	-13.00	-19.47	-	-
713.5MHz_RB 1,#RB H	Pass	716.1M	726M	30k	100k	RMS	716.15M	-37.68	-13.00	-24.68	MBW 100k	-
713.5MHz_RB 1,#RB H	Pass	726M	1G	100k	300k	RMS	742.92M	-65.86	-13.00	-52.86	-	-
713.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.83395G	-50.28	-13.00	-37.28	-	-
Band 12_LTE_5MHz_Nss1,160AM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	114.785k	-61.77	-13.00	-48.77	-	-
701.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-59.85	-13.00	-46.85	-	-
701.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	451.36M	-65.58	-13.00	-52.58	-	-
701.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	687.81M	-55.50	-13.00	-42.50	-	-
701.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	697.65M	-33.56	-13.00	-20.56	MBW 100k	-
701.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.99M	-37.90	-13.00	-24.90	-	-
701.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.03M	-61.09	-13.00	-48.09	-	-
701.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	716.15M	-57.65	-13.00	-44.65	MBW 100k	-
701.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	731.96M	-65.69	-13.00	-52.69	-	-
701.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.802G	-50.19	-13.00	-37.19	-	-
701.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.39k	-65.63	-13.00	-52.63	-	-
701.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	179.85k	-60.66	-13.00	-47.66	-	-
701.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	479.91M	-66.14	-13.00	-53.14	-	-
701.5MHz_RB 1,#RB L	Pass	500M	688M	100k	300k	RMS	684.62M	-64.04	-13.00	-51.04	-	-
701.5MHz_RB 1,#RB L	Pass	688M	697.9M	30k	100k	RMS	697.15M	-45.09	-13.00	-32.09	MBW 100k	-
701.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	698M	-60.14	-13.00	-47.14	-	-
701.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.03M	-74.17	-13.00	-61.17	-	-



CSE-TX-Sum Results

Appendix D.7

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)
701.5MHz_RB 1,#RB L	Pass	716.1M	726M	30k	100k	RMS	718.55M	-69.47	-13.00	-56.47	MBW 100k	-
701.5MHz_RB 1,#RB L	Pass	726M	1G	100k	300k	RMS	732.51M	-65.60	-13.00	-52.60	-	-
701.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.098G	-49.84	-13.00	-36.84	-	-
707.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	115.314k	-62.90	-13.00	-49.90	-	-
707.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-60.76	-13.00	-47.76	-	-
707.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	406.47M	-65.37	-13.00	-52.37	-	-
707.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	596.21M	-63.43	-13.00	-50.43	-	-
707.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	697.85M	-53.73	-13.00	-40.73	MBW 100k	-
707.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.92M	-58.04	-13.00	-45.04	-	-
707.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.09M	-58.35	-13.00	-45.35	-	-
707.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	716.25M	-53.69	-13.00	-40.69	MBW 100k	-
707.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	738.6M	-65.77	-13.00	-52.77	-	-
707.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8137G	-50.22	-13.00	-37.22	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.531k	-62.32	-13.00	-49.32	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-57.20	-13.00	-44.20	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	499.3M	-65.15	-13.00	-52.15	-	-
707.5MHz_RB 1,#RB L	Pass	500M	688M	100k	300k	RMS	514.66M	-64.20	-13.00	-51.20	-	-
707.5MHz_RB 1,#RB L	Pass	688M	697.9M	30k	100k	RMS	696.65M	-65.93	-13.00	-52.93	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.98M	-72.36	-13.00	-59.36	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.07M	-72.90	-13.00	-59.90	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	726M	30k	100k	RMS	716.45M	-68.74	-13.00	-55.74	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	726M	1G	100k	300k	RMS	737.71M	-66.01	-13.00	-53.01	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.79795G	-50.42	-13.00	-37.42	-	-
713.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	114.644k	-61.74	-13.00	-48.74	-	-
713.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.35	-13.00	-47.35	-	-
713.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	481.32M	-65.33	-13.00	-52.33	-	-
713.5MHz_RB 25,#RB 0	Pass	500M	688M	100k	300k	RMS	567.96M	-64.47	-13.00	-51.47	-	-
713.5MHz_RB 25,#RB 0	Pass	688M	697.9M	30k	100k	RMS	697.65M	-59.69	-13.00	-46.69	MBW 100k	-
713.5MHz_RB 25,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.94M	-64.33	-13.00	-51.33	-	-
713.5MHz_RB 25,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.03M	-35.83	-13.00	-22.83	-	-
713.5MHz_RB 25,#RB 0	Pass	716.1M	726M	30k	100k	RMS	716.15M	-34.79	-13.00	-21.79	MBW 100k	-
713.5MHz_RB 25,#RB 0	Pass	726M	1G	100k	300k	RMS	742.23M	-66.07	-13.00	-53.07	-	-
713.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.79795G	-50.09	-13.00	-37.09	-	-
713.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	120.954k	-63.34	-13.00	-50.34	-	-
713.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-59.48	-13.00	-46.48	-	-
713.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	468.39M	-66.24	-13.00	-53.24	-	-
713.5MHz_RB 1,#RB H	Pass	500M	688M	100k	300k	RMS	511.61M	-63.86	-13.00	-50.86	-	-
713.5MHz_RB 1,#RB H	Pass	688M	697.9M	30k	100k	RMS	696.45M	-66.92	-13.00	-53.92	MBW 100k	-
713.5MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.93M	-74.24	-13.00	-61.24	-	-
713.5MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-32.06	-13.00	-19.06	-	-
713.5MHz_RB 1,#RB H	Pass	716.1M	726M	30k	100k	RMS	716.15M	-38.14	-13.00	-25.14	MBW 100k	-
713.5MHz_RB 1,#RB H	Pass	726M	1G	100k	300k	RMS	742.65M	-66.33	-13.00	-53.33	-	-
713.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.8029G	-50.43	-13.00	-37.43	-	-
Band 12_LTE_10MHz_Nss1.OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	119.932k	-63.35	-13.00	-50.35	-	-
704.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-61.48	-13.00	-48.48	-	-
704.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	466.51M	-65.05	-13.00	-52.05	-	-
704.5MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	516.73M	-64.17	-13.00	-51.17	-	-
704.5MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	697.15M	-31.63	-13.00	-18.63	MBW 100k	-
704.5MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.98M	-40.88	-13.00	-27.88	-	-
704.5MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.1M	-45.44	-13.00	-32.44	-	-
704.5MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	716.15M	-39.18	-13.00	-26.18	MBW 100k	-
704.5MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	737.58M	-65.56	-13.00	-52.56	-	-
704.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.76825G	-50.39	-13.00	-37.39	-	-



CSE-TX-Sum Results

Appendix D.7

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)
704.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.848k	-62.52	-13.00	-49.52	-	-
704.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-58.12	-13.00	-45.12	-	-
704.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	387.79M	-65.14	-13.00	-52.14	-	-
704.5MHz_RB 1,#RB L	Pass	500M	678M	100k	300k	RMS	507.7M	-63.38	-13.00	-50.38	-	-
704.5MHz_RB 1,#RB L	Pass	678M	697.9M	30k	100k	RMS	695.75M	-38.83	-13.00	-25.83	MBW 100k	-
704.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.95M	-63.17	-13.00	-50.17	-	-
704.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.09M	-73.52	-13.00	-60.52	-	-
704.5MHz_RB 1,#RB L	Pass	716.1M	736M	30k	100k	RMS	717.75M	-51.97	-13.00	-38.97	MBW 100k	-
704.5MHz_RB 1,#RB L	Pass	736M	1G	100k	300k	RMS	737.91M	-64.63	-13.00	-51.63	-	-
704.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.82315G	-49.98	-13.00	-36.98	-	-
707.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	122.152k	-63.86	-13.00	-50.86	-	-
707.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-60.81	-13.00	-47.81	-	-
707.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	444.78M	-65.64	-13.00	-52.64	-	-
707.5MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	665.27M	-64.03	-13.00	-51.03	-	-
707.5MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	696.95M	-37.45	-13.00	-24.45	MBW 100k	-
707.5MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.94M	-43.93	-13.00	-30.93	-	-
707.5MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.05M	-43.30	-13.00	-30.30	-	-
707.5MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	717.25M	-36.65	-13.00	-23.65	MBW 100k	-
707.5MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	737.65M	-65.39	-13.00	-52.39	-	-
707.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8272G	-50.10	-13.00	-37.10	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.746k	-64.69	-13.00	-51.69	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-60.67	-13.00	-47.67	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	409.53M	-65.77	-13.00	-52.77	-	-
707.5MHz_RB 1,#RB L	Pass	500M	678M	100k	300k	RMS	662.43M	-64.14	-13.00	-51.14	-	-
707.5MHz_RB 1,#RB L	Pass	678M	697.9M	30k	100k	RMS	694.35M	-58.28	-13.00	-45.28	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.94M	-68.87	-13.00	-55.87	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.03M	-71.83	-13.00	-58.83	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	736M	30k	100k	RMS	716.35M	-53.39	-13.00	-40.39	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	736M	1G	100k	300k	RMS	739.63M	-65.30	-13.00	-52.30	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.10925G	-49.19	-13.00	-36.19	-	-
711MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	114.68k	-62.10	-13.00	-49.10	-	-
711MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-58.90	-13.00	-45.90	-	-
711MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	470.04M	-65.60	-13.00	-52.60	-	-
711MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	529.06M	-64.57	-13.00	-51.57	-	-
711MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	697.65M	-49.50	-13.00	-36.50	MBW 100k	-
711MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.94M	-54.02	-13.00	-41.02	-	-
711MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-38.26	-13.00	-25.26	-	-
711MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	717.05M	-32.22	-13.00	-19.22	MBW 100k	-
711MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	738.97M	-65.39	-13.00	-52.39	-	-
711MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.76375G	-50.11	-13.00	-37.11	-	-
711MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	118.451k	-65.62	-13.00	-52.62	-	-
711MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	164.925k	-58.63	-13.00	-45.63	-	-
711MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	421.51M	-65.50	-13.00	-52.50	-	-
711MHz_RB 1,#RB H	Pass	500M	678M	100k	300k	RMS	528.48M	-63.76	-13.00	-50.76	-	-
711MHz_RB 1,#RB H	Pass	678M	697.9M	30k	100k	RMS	697.75M	-51.50	-13.00	-38.50	MBW 100k	-
711MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.91M	-61.77	-13.00	-48.77	-	-
711MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716M	-42.16	-13.00	-29.16	-	-
711MHz_RB 1,#RB H	Pass	716.1M	736M	30k	100k	RMS	719.85M	-48.14	-13.00	-35.14	MBW 100k	-
711MHz_RB 1,#RB H	Pass	736M	1G	100k	300k	RMS	739.17M	-64.98	-13.00	-51.98	-	-
711MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.8344G	-50.09	-13.00	-37.09	-	-
Band 12_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
704.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	114.609k	-64.00	-13.00	-51.00	-	-
704.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-57.61	-13.00	-44.61	-	-
704.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	137.04M	-65.79	-13.00	-52.79	-	-



CSE-TX-Sum Results

Appendix D.7

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)
704.5MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	521.27M	-63.81	-13.00	-50.81	-	-
704.5MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	697.45M	-33.14	-13.00	-20.14	MBW 100k	-
704.5MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.97M	-40.28	-13.00	-27.28	-	-
704.5MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.02M	-47.58	-13.00	-34.58	-	-
704.5MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	716.15M	-40.12	-13.00	-27.12	MBW 100k	-
704.5MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	738.44M	-65.99	-13.00	-52.99	-	-
704.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8326G	-49.95	-13.00	-36.95	-	-
704.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	118.24k	-62.77	-13.00	-49.77	-	-
704.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.44	-13.00	-48.44	-	-
704.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	76.88M	-65.63	-13.00	-52.63	-	-
704.5MHz_RB 1,#RB L	Pass	500M	678M	100k	300k	RMS	629.45M	-64.22	-13.00	-51.22	-	-
704.5MHz_RB 1,#RB L	Pass	678M	697.9M	30k	100k	RMS	695.65M	-39.57	-13.00	-26.57	MBW 100k	-
704.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.92M	-63.20	-13.00	-50.20	-	-
704.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.09M	-73.46	-13.00	-60.46	-	-
704.5MHz_RB 1,#RB L	Pass	716.1M	736M	30k	100k	RMS	717.75M	-52.46	-13.00	-39.46	MBW 100k	-
704.5MHz_RB 1,#RB L	Pass	736M	1G	100k	300k	RMS	738.77M	-66.17	-13.00	-53.17	-	-
704.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.77545G	-50.17	-13.00	-37.17	-	-
707.5MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	116.019k	-61.15	-13.00	-48.15	-	-
707.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-58.42	-13.00	-45.42	-	-
707.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	431.26M	-66.04	-13.00	-53.04	-	-
707.5MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	654.1M	-64.08	-13.00	-51.08	-	-
707.5MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	697.85M	-38.58	-13.00	-25.58	MBW 100k	-
707.5MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	698M	-45.42	-13.00	-32.42	-	-
707.5MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716.02M	-44.57	-13.00	-31.57	-	-
707.5MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	716.15M	-37.11	-13.00	-24.11	MBW 100k	-
707.5MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	738.51M	-65.23	-13.00	-52.23	-	-
707.5MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8164G	-50.40	-13.00	-37.40	-	-
707.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	120.355k	-67.21	-13.00	-54.21	-	-
707.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	13.56M	-55.98	-13.00	-42.98	-	-
707.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	423.74M	-66.18	-13.00	-53.18	-	-
707.5MHz_RB 1,#RB L	Pass	500M	678M	100k	300k	RMS	607.47M	-63.17	-13.00	-50.17	-	-
707.5MHz_RB 1,#RB L	Pass	678M	697.9M	30k	100k	RMS	694.15M	-57.61	-13.00	-44.61	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	697.9M	698M	30k	100k	RMS	697.96M	-69.04	-13.00	-56.04	-	-
707.5MHz_RB 1,#RB L	Pass	716M	716.1M	30k	100k	RMS	716.01M	-72.19	-13.00	-59.19	-	-
707.5MHz_RB 1,#RB L	Pass	716.1M	736M	30k	100k	RMS	716.25M	-52.24	-13.00	-39.24	MBW 100k	-
707.5MHz_RB 1,#RB L	Pass	736M	1G	100k	300k	RMS	739.76M	-65.75	-13.00	-52.75	-	-
707.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	2.10925G	-49.89	-13.00	-36.89	-	-
711MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	120.848k	-62.59	-13.00	-49.59	-	-
711MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	13.56M	-59.94	-13.00	-46.94	-	-
711MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	416.69M	-66.10	-13.00	-53.10	-	-
711MHz_RB 50,#RB 0	Pass	500M	678M	100k	300k	RMS	540.72M	-63.97	-13.00	-50.97	-	-
711MHz_RB 50,#RB 0	Pass	678M	697.9M	30k	100k	RMS	695.45M	-48.98	-13.00	-35.98	MBW 100k	-
711MHz_RB 50,#RB 0	Pass	697.9M	698M	30k	100k	RMS	697.99M	-56.93	-13.00	-43.93	-	-
711MHz_RB 50,#RB 0	Pass	716M	716.1M	30k	100k	RMS	716M	-40.50	-13.00	-27.50	-	-
711MHz_RB 50,#RB 0	Pass	716.1M	736M	30k	100k	RMS	716.65M	-35.05	-13.00	-22.05	MBW 100k	-
711MHz_RB 50,#RB 0	Pass	736M	1G	100k	300k	RMS	738.9M	-65.71	-13.00	-52.71	-	-
711MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8461G	-50.18	-13.00	-37.18	-	-
711MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	116.83k	-65.78	-13.00	-52.78	-	-
711MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	13.56M	-59.78	-13.00	-46.78	-	-
711MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	441.49M	-65.01	-13.00	-52.01	-	-
711MHz_RB 1,#RB H	Pass	500M	678M	100k	300k	RMS	659.13M	-63.24	-13.00	-50.24	-	-
711MHz_RB 1,#RB H	Pass	678M	697.9M	30k	100k	RMS	697.85M	-50.41	-13.00	-37.41	MBW 100k	-
711MHz_RB 1,#RB H	Pass	697.9M	698M	30k	100k	RMS	697.9M	-61.54	-13.00	-48.54	-	-
711MHz_RB 1,#RB H	Pass	716M	716.1M	30k	100k	RMS	716.01M	-44.16	-13.00	-31.16	-	-



CSE-TX-Sum Results

Appendix D.7

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)
711MHz_RB 1,#RB H	Pass	716.1M	736M	30k	100k	RMS	716.15M	-42.79	-13.00	-29.79	MBW 100k	-
711MHz_RB 1,#RB H	Pass	736M	1G	100k	300k	RMS	740.22M	-65.51	-13.00	-52.51	-	-
711MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.76735G	-50.24	-13.00	-37.24	-	-



<Mode 8> EUT 2 + LTE Band 13 Link

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 13	-	-	-	-	-	-	-	-	-	-	-	-
LTE_5MHz_Nss1,OPSK_1TX	Pass	1.559G	1.61G	1M	3M	RMS	1.60327G	-42.00	-40.00	-2.00	-	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.559G	1.61G	1M	3M	RMS	1.60383G	-41.62	-40.00	-1.62	-	-
LTE_10MHz_Nss1,OPSK_1TX	Pass	1.559G	1.61G	1M	3M	RMS	1.592G	-41.57	-40.00	-1.57	-	-
LTE_10MHz_Nss1,16QAM_1TX	Pass	1.559G	1.61G	1M	3M	RMS	1.58662G	-41.59	-40.00	-1.59	-	-



CSE-TX-Sum Results

Appendix D.8

Result

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 13_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	118.134k	-63.70	-13.00	-50.70	-	-
779.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	217.162k	-60.71	-13.00	-47.71	-	-
779.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	478.5M	-65.74	-13.00	-52.74	-	-
779.5MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	749.77M	-62.70	-13.00	-49.70	-	-
779.5MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-56.01	-13.00	-43.01	MBW 100k	-
779.5MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	775.99M	-57.96	-13.00	-44.96	-	-
779.5MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787.01M	-56.45	-13.00	-43.45	-	-
779.5MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-53.61	-13.00	-40.61	MBW 100k	-
779.5MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	921.64M	-68.22	-13.00	-55.22	-	-
779.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.81685G	-50.30	-13.00	-37.30	-	-
779.5MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	768.68M	-63.68	-35.00	-28.68	-	-
779.5MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	793.57M	-63.81	-35.00	-28.81	-	-
779.5MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.58913G	-42.90	-40.00	-2.90	-	-
779.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.358k	-64.55	-13.00	-51.55	-	-
779.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.07	-13.00	-45.07	-	-
779.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	404.24M	-65.49	-13.00	-52.49	-	-
779.5MHz_RB 1,#RB L	Pass	500M	766M	100k	300k	RMS	749.31M	-61.91	-13.00	-48.91	-	-
779.5MHz_RB 1,#RB L	Pass	766M	775.9M	30k	100k	RMS	775.85M	-67.68	-13.00	-54.68	MBW 100k	-
779.5MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	776M	-70.31	-13.00	-57.31	-	-
779.5MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787.09M	-72.10	-13.00	-59.10	-	-
779.5MHz_RB 1,#RB L	Pass	787.1M	797M	30k	100k	RMS	787.15M	-67.72	-13.00	-54.72	MBW 100k	-
779.5MHz_RB 1,#RB L	Pass	797M	1G	100k	300k	RMS	904.59M	-68.01	-13.00	-55.01	-	-
779.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.8218G	-50.15	-13.00	-37.15	-	-
779.5MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	773.29M	-61.55	-35.00	-26.55	-	-
779.5MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	805.35M	-63.21	-35.00	-28.21	-	-
779.5MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.58235G	-42.40	-40.00	-2.40	-	-
782MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	119.967k	-62.59	-13.00	-49.59	-	-
782MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	172.388k	-61.22	-13.00	-48.22	-	-
782MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	431.15M	-65.02	-13.00	-52.02	-	-
782MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	749.97M	-60.53	-13.00	-47.53	-	-
782MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-64.87	-13.00	-51.87	MBW 100k	-
782MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	775.97M	-65.06	-13.00	-52.06	-	-
782MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787.03M	-46.64	-13.00	-33.64	-	-
782MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-43.20	-13.00	-30.20	MBW 100k	-
782MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	879.37M	-68.08	-13.00	-55.08	-	-
782MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.8425G	-50.29	-13.00	-37.29	-	-
782MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	774.42M	-64.84	-35.00	-29.84	-	-
782MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	797.03M	-63.52	-35.00	-28.52	-	-
782MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.60327G	-42.00	-40.00	-2.00	-	-
782MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	117.394k	-63.42	-13.00	-50.42	-	-
782MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	157.462k	-58.07	-13.00	-45.07	-	-
782MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	470.16M	-65.23	-13.00	-52.23	-	-
782MHz_RB 1,#RB L	Pass	500M	766M	100k	300k	RMS	751.24M	-61.71	-13.00	-48.71	-	-
782MHz_RB 1,#RB L	Pass	766M	775.9M	30k	100k	RMS	775.55M	-69.87	-13.00	-56.87	MBW 100k	-
782MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	775.98M	-73.86	-13.00	-60.86	-	-
782MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787M	-72.07	-13.00	-59.07	-	-
782MHz_RB 1,#RB L	Pass	787.1M	797M	30k	100k	RMS	788.45M	-57.73	-13.00	-44.73	MBW 100k	-
782MHz_RB 1,#RB L	Pass	797M	1G	100k	300k	RMS	986.96M	-67.83	-13.00	-54.83	-	-
782MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.838G	-50.32	-13.00	-37.32	-	-
782MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	769.32M	-64.48	-35.00	-29.48	-	-
782MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	796.41M	-64.62	-35.00	-29.62	-	-
782MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.59021G	-42.16	-40.00	-2.16	-	-



CSE-TX-Sum Results

Appendix D.8

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)
784.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	118.275k	-60.74	-13.00	-47.74	-	-
784.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	157.462k	-57.26	-13.00	-44.26	-	-
784.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	278.04M	-66.45	-13.00	-53.45	-	-
784.5MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	755.43M	-61.04	-13.00	-48.04	-	-
784.5MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-69.69	-13.00	-56.69	MBW 100k	-
784.5MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	776M	-73.53	-13.00	-60.53	-	-
784.5MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787M	-39.76	-13.00	-26.76	-	-
784.5MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-40.50	-13.00	-27.50	MBW 100k	-
784.5MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	896.17M	-67.10	-13.00	-54.10	-	-
784.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7381G	-50.33	-13.00	-37.33	-	-
784.5MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	773.27M	-63.86	-35.00	-28.86	-	-
784.5MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	800.31M	-64.56	-35.00	-29.56	-	-
784.5MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.59077G	-42.74	-40.00	-2.74	-	-
784.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	114.785k	-61.83	-13.00	-48.83	-	-
784.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.64	-13.00	-46.64	-	-
784.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	474.03M	-65.96	-13.00	-52.96	-	-
784.5MHz_RB 1,#RB H	Pass	500M	766M	100k	300k	RMS	753.03M	-62.63	-13.00	-49.63	-	-
784.5MHz_RB 1,#RB H	Pass	766M	775.9M	30k	100k	RMS	772.45M	-70.30	-13.00	-57.30	MBW 100k	-
784.5MHz_RB 1,#RB H	Pass	775.9M	776M	30k	100k	RMS	775.9M	-74.70	-13.00	-61.70	-	-
784.5MHz_RB 1,#RB H	Pass	787M	787.1M	30k	100k	RMS	787M	-34.61	-13.00	-21.61	-	-
784.5MHz_RB 1,#RB H	Pass	787.1M	797M	30k	100k	RMS	787.15M	-41.51	-13.00	-28.51	MBW 100k	-
784.5MHz_RB 1,#RB H	Pass	797M	1G	100k	300k	RMS	869.01M	-67.57	-13.00	-54.57	-	-
784.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.8218G	-50.09	-13.00	-37.09	-	-
784.5MHz_RB 1,#RB H	Pass	763M	775M	6.8k	10k	RMS	764.89M	-63.94	-35.00	-28.94	-	-
784.5MHz_RB 1,#RB H	Pass	793M	806M	6.8k	10k	RMS	798.37M	-63.55	-35.00	-28.55	-	-
784.5MHz_RB 1,#RB H	Pass	1.559G	1.61G	1M	3M	RMS	1.59357G	-42.62	-40.00	-2.62	-	-
Band 13_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	122.117k	-60.67	-13.00	-47.67	-	-
779.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	4.65M	-61.22	-13.00	-48.22	-	-
779.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	175.11M	-66.10	-13.00	-53.10	-	-
779.5MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	750.57M	-61.52	-13.00	-48.52	-	-
779.5MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-58.37	-13.00	-45.37	MBW 100k	-
779.5MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	776M	-60.41	-13.00	-47.41	-	-
779.5MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787.05M	-57.59	-13.00	-44.59	-	-
779.5MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-53.44	-13.00	-40.44	MBW 100k	-
779.5MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	916.41M	-68.17	-13.00	-55.17	-	-
779.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	8.0695G	-50.57	-13.00	-37.57	-	-
779.5MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	773.7M	-63.60	-35.00	-28.60	-	-
779.5MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	794.34M	-63.97	-35.00	-28.97	-	-
779.5MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.56246G	-41.64	-40.00	-1.64	-	-
779.5MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.342k	-63.57	-13.00	-50.57	-	-
779.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.13	-13.00	-45.13	-	-
779.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	164.66M	-66.28	-13.00	-53.28	-	-
779.5MHz_RB 1,#RB L	Pass	500M	766M	100k	300k	RMS	733.35M	-62.98	-13.00	-49.98	-	-
779.5MHz_RB 1,#RB L	Pass	766M	775.9M	30k	100k	RMS	775.85M	-67.69	-13.00	-54.69	MBW 100k	-
779.5MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	775.98M	-70.52	-13.00	-57.52	-	-
779.5MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787.07M	-72.52	-13.00	-59.52	-	-
779.5MHz_RB 1,#RB L	Pass	787.1M	797M	30k	100k	RMS	787.15M	-68.19	-13.00	-55.19	MBW 100k	-
779.5MHz_RB 1,#RB L	Pass	797M	1G	100k	300k	RMS	833.03M	-68.24	-13.00	-55.24	-	-
779.5MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.7462G	-50.25	-13.00	-37.25	-	-
779.5MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	769.78M	-62.74	-35.00	-27.74	-	-
779.5MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	800.08M	-63.60	-35.00	-28.60	-	-
779.5MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.59504G	-42.03	-40.00	-2.03	-	-
782MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	120.531k	-64.28	-13.00	-51.28	-	-



CSE-TX-Sum Results

Appendix D.8

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)
782MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-60.29	-13.00	-47.29	-	-
782MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	463.93M	-66.15	-13.00	-53.15	-	-
782MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	722.97M	-62.47	-13.00	-49.47	-	-
782MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-66.93	-13.00	-53.93	MBW 100k	-
782MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	776M	-67.86	-13.00	-54.86	-	-
782MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787.04M	-49.28	-13.00	-36.28	-	-
782MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-45.31	-13.00	-32.31	MBW 100k	-
782MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	971.22M	-68.03	-13.00	-55.03	-	-
782MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.78445G	-50.33	-13.00	-37.33	-	-
782MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	774.47M	-64.73	-35.00	-29.73	-	-
782MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	793.72M	-64.46	-35.00	-29.46	-	-
782MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.60378G	-42.19	-40.00	-2.19	-	-
782MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	119.227k	-60.75	-13.00	-47.75	-	-
782MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-56.84	-13.00	-43.84	-	-
782MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	406.71M	-65.76	-13.00	-52.76	-	-
782MHz_RB 1,#RB L	Pass	500M	766M	100k	300k	RMS	750.51M	-63.13	-13.00	-50.13	-	-
782MHz_RB 1,#RB L	Pass	766M	775.9M	30k	100k	RMS	774.35M	-70.07	-13.00	-57.07	MBW 100k	-
782MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	775.92M	-73.96	-13.00	-60.96	-	-
782MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787.03M	-71.80	-13.00	-58.80	-	-
782MHz_RB 1,#RB L	Pass	787.1M	797M	30k	100k	RMS	788.45M	-58.73	-13.00	-45.73	MBW 100k	-
782MHz_RB 1,#RB L	Pass	797M	1G	100k	300k	RMS	934.94M	-68.18	-13.00	-55.18	-	-
782MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.87175G	-50.13	-13.00	-37.13	-	-
782MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	764.77M	-63.13	-35.00	-28.13	-	-
782MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	793.23M	-63.47	-35.00	-28.47	-	-
782MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.60383G	-41.62	-40.00	-1.62	-	-
784.5MHz_RB 25,#RB 0	Pass	9k	150k	200	1k	RMS	115.244k	-64.39	-13.00	-51.39	-	-
784.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.09	-13.00	-46.09	-	-
784.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	483.08M	-65.85	-13.00	-52.85	-	-
784.5MHz_RB 25,#RB 0	Pass	500M	766M	100k	300k	RMS	754.7M	-60.88	-13.00	-47.88	-	-
784.5MHz_RB 25,#RB 0	Pass	766M	775.9M	30k	100k	RMS	775.85M	-70.05	-13.00	-57.05	MBW 100k	-
784.5MHz_RB 25,#RB 0	Pass	775.9M	776M	30k	100k	RMS	775.99M	-73.04	-13.00	-60.04	-	-
784.5MHz_RB 25,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787.01M	-41.23	-13.00	-28.23	-	-
784.5MHz_RB 25,#RB 0	Pass	787.1M	797M	30k	100k	RMS	787.15M	-41.92	-13.00	-28.92	MBW 100k	-
784.5MHz_RB 25,#RB 0	Pass	797M	1G	100k	300k	RMS	915.81M	-68.03	-13.00	-55.03	-	-
784.5MHz_RB 25,#RB 0	Pass	1G	10G	1M	3M	RMS	9.69625G	-49.85	-13.00	-36.85	-	-
784.5MHz_RB 25,#RB 0	Pass	763M	775M	6.8k	10k	RMS	772.75M	-64.40	-35.00	-29.40	-	-
784.5MHz_RB 25,#RB 0	Pass	793M	806M	6.8k	10k	RMS	803.88M	-64.73	-35.00	-29.73	-	-
784.5MHz_RB 25,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.58952G	-41.94	-40.00	-1.94	-	-
784.5MHz_RB 1,#RB H	Pass	9k	150k	200	1k	RMS	122.188k	-63.13	-13.00	-50.13	-	-
784.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	157.462k	-58.54	-13.00	-45.54	-	-
784.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	127.06M	-65.74	-13.00	-52.74	-	-
784.5MHz_RB 1,#RB H	Pass	500M	766M	100k	300k	RMS	753.17M	-63.16	-13.00	-50.16	-	-
784.5MHz_RB 1,#RB H	Pass	766M	775.9M	30k	100k	RMS	775.55M	-70.28	-13.00	-57.28	MBW 100k	-
784.5MHz_RB 1,#RB H	Pass	775.9M	776M	30k	100k	RMS	775.97M	-74.53	-13.00	-61.53	-	-
784.5MHz_RB 1,#RB H	Pass	787M	787.1M	30k	100k	RMS	787M	-35.33	-13.00	-22.33	-	-
784.5MHz_RB 1,#RB H	Pass	787.1M	797M	30k	100k	RMS	787.15M	-43.02	-13.00	-30.02	MBW 100k	-
784.5MHz_RB 1,#RB H	Pass	797M	1G	100k	300k	RMS	998.58M	-68.39	-13.00	-55.39	-	-
784.5MHz_RB 1,#RB H	Pass	1G	10G	1M	3M	RMS	9.80335G	-50.01	-13.00	-37.01	-	-
784.5MHz_RB 1,#RB H	Pass	763M	775M	6.8k	10k	RMS	769.81M	-64.22	-35.00	-29.22	-	-
784.5MHz_RB 1,#RB H	Pass	793M	806M	6.8k	10k	RMS	799.69M	-63.33	-35.00	-28.33	-	-
784.5MHz_RB 1,#RB H	Pass	1.559G	1.61G	1M	3M	RMS	1.56993G	-42.14	-40.00	-2.14	-	-
Band 13_LTE_10MHz_Nss1,OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	115.843k	-63.49	-13.00	-50.49	-	-
782MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	150k	-59.71	-13.00	-46.71	-	-



CSE-TX-Sum Results

Appendix D.8

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)
782MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	413.05M	-66.02	-13.00	-53.02	-	-
782MHz_RB 50,#RB 0	Pass	500M	756M	100k	300k	RMS	750.56M	-60.86	-13.00	-47.86	-	-
782MHz_RB 50,#RB 0	Pass	756M	775.9M	30k	100k	RMS	775.85M	-57.49	-13.00	-44.49	MBW 100k	-
782MHz_RB 50,#RB 0	Pass	775.9M	776M	30k	100k	RMS	776M	-59.24	-13.00	-46.24	-	-
782MHz_RB 50,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787M	-41.48	-13.00	-28.48	-	-
782MHz_RB 50,#RB 0	Pass	787.1M	807M	30k	100k	RMS	787.45M	-39.24	-13.00	-26.24	MBW 100k	-
782MHz_RB 50,#RB 0	Pass	807M	1G	100k	300k	RMS	919.76M	-68.17	-13.00	-55.17	-	-
782MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7732G	-50.23	-13.00	-37.23	-	-
782MHz_RB 50,#RB 0	Pass	763M	775M	6.8k	10k	RMS	774.39M	-64.27	-35.00	-29.27	-	-
782MHz_RB 50,#RB 0	Pass	793M	806M	6.8k	10k	RMS	798.86M	-63.41	-35.00	-28.41	-	-
782MHz_RB 50,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.5827G	-41.76	-40.00	-1.76	-	-
782MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	114.715k	-61.53	-13.00	-48.53	-	-
782MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-60.22	-13.00	-47.22	-	-
782MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	484.02M	-65.54	-13.00	-52.54	-	-
782MHz_RB 1,#RB L	Pass	500M	756M	100k	300k	RMS	746.98M	-62.43	-13.00	-49.43	-	-
782MHz_RB 1,#RB L	Pass	756M	775.9M	30k	100k	RMS	775.45M	-63.51	-13.00	-50.51	MBW 100k	-
782MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	776M	-70.75	-13.00	-57.75	-	-
782MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787.01M	-68.57	-13.00	-55.57	-	-
782MHz_RB 1,#RB L	Pass	787.1M	807M	30k	100k	RMS	790.75M	-62.18	-13.00	-49.18	MBW 100k	-
782MHz_RB 1,#RB L	Pass	807M	1G	100k	300k	RMS	915.47M	-68.18	-13.00	-55.18	-	-
782MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.79165G	-50.05	-13.00	-37.05	-	-
782MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	772.25M	-62.81	-35.00	-27.81	-	-
782MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	794.27M	-64.03	-35.00	-29.03	-	-
782MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.592G	-41.57	-40.00	-1.57	-	-
Band 13_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	9k	150k	200	1k	RMS	115.314k	-61.74	-13.00	-48.74	-	-
782MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-60.33	-13.00	-47.33	-	-
782MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	445.25M	-64.36	-13.00	-51.36	-	-
782MHz_RB 50,#RB 0	Pass	500M	756M	100k	300k	RMS	754.98M	-61.97	-13.00	-48.97	-	-
782MHz_RB 50,#RB 0	Pass	756M	775.9M	30k	100k	RMS	775.85M	-58.63	-13.00	-45.63	MBW 100k	-
782MHz_RB 50,#RB 0	Pass	775.9M	776M	30k	100k	RMS	776M	-61.09	-13.00	-48.09	-	-
782MHz_RB 50,#RB 0	Pass	787M	787.1M	30k	100k	RMS	787M	-44.06	-13.00	-31.06	-	-
782MHz_RB 50,#RB 0	Pass	787.1M	807M	30k	100k	RMS	788.65M	-40.46	-13.00	-27.46	MBW 100k	-
782MHz_RB 50,#RB 0	Pass	807M	1G	100k	300k	RMS	978.34M	-68.35	-13.00	-55.35	-	-
782MHz_RB 50,#RB 0	Pass	1G	10G	1M	3M	RMS	9.7741G	-50.32	-13.00	-37.32	-	-
782MHz_RB 50,#RB 0	Pass	763M	775M	6.8k	10k	RMS	773.91M	-64.01	-35.00	-29.01	-	-
782MHz_RB 50,#RB 0	Pass	793M	806M	6.8k	10k	RMS	794.57M	-63.50	-35.00	-28.50	-	-
782MHz_RB 50,#RB 0	Pass	1.559G	1.61G	1M	3M	RMS	1.57558G	-42.39	-40.00	-2.39	-	-
782MHz_RB 1,#RB L	Pass	9k	150k	200	1k	RMS	121.306k	-62.35	-13.00	-49.35	-	-
782MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	172.388k	-59.91	-13.00	-46.91	-	-
782MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	419.87M	-65.27	-13.00	-52.27	-	-
782MHz_RB 1,#RB L	Pass	500M	756M	100k	300k	RMS	747.04M	-62.22	-13.00	-49.22	-	-
782MHz_RB 1,#RB L	Pass	756M	775.9M	30k	100k	RMS	775.05M	-65.10	-13.00	-52.10	MBW 100k	-
782MHz_RB 1,#RB L	Pass	775.9M	776M	30k	100k	RMS	775.97M	-70.52	-13.00	-57.52	-	-
782MHz_RB 1,#RB L	Pass	787M	787.1M	30k	100k	RMS	787.02M	-69.07	-13.00	-56.07	-	-
782MHz_RB 1,#RB L	Pass	787.1M	807M	30k	100k	RMS	790.95M	-61.42	-13.00	-48.42	MBW 100k	-
782MHz_RB 1,#RB L	Pass	807M	1G	100k	300k	RMS	930.71M	-67.96	-13.00	-54.96	-	-
782MHz_RB 1,#RB L	Pass	1G	10G	1M	3M	RMS	9.80065G	-50.25	-13.00	-37.25	-	-
782MHz_RB 1,#RB L	Pass	763M	775M	6.8k	10k	RMS	772.23M	-62.24	-35.00	-27.24	-	-
782MHz_RB 1,#RB L	Pass	793M	806M	6.8k	10k	RMS	799.7M	-62.99	-35.00	-27.99	-	-
782MHz_RB 1,#RB L	Pass	1.559G	1.61G	1M	3M	RMS	1.58662G	-41.59	-40.00	-1.59	-	-



RSE above 1GHz Result

Appendix E

Band	WCDMA Band 2	Test Mode	QPSK / 5MHz
Test Channel	9262 (1852.4 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1654.90	25.25	82.20	-56.95	29.40	4.08	25.74	33.97	245	38	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1654.42	24.95	82.20	-57.25	29.12	4.06	25.74	33.97	156	358	Average	VERTICAL

Band	WCDMA Band 2	Test Mode	QPSK / 5MHz
Test Channel	9400 (1880 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1675.03	25.86	82.20	-56.34	29.93	4.10	25.77	33.94	225	73	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1675.01	26.08	82.20	-56.12	30.15	4.10	25.77	33.94	166	258	Average	VERTICAL

Band	WCDMA Band 2	Test Mode	QPSK / 5MHz
Test Channel	9538 (1907.6 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1693.54	26.07	82.20	-56.13	30.07	4.12	25.79	33.91	202	77	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1692.79	26.04	82.20	-56.16	30.04	4.12	25.79	33.91	131	344	Average	VERTICAL



Band	WCDMA Band 4	Test Mode	QPSK / 5MHz
Test Channel	1132 (1712.4 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3415.36	30.46	82.20	-51.74	28.47	5.91	28.68	32.60	161	352	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3415.84	30.48	82.20	-51.72	28.49	5.91	28.68	32.60	256	81	Average	VERTICAL

Band	WCDMA Band 4	Test Mode	QPSK / 5MHz
Test Channel	1413 (1732.6 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3465.80	31.50	82.20	-50.70	29.45	5.97	28.69	32.61	152	360	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3465.32	30.79	82.20	-51.41	28.74	5.97	28.69	32.61	278	56	Average	VERTICAL

Band	WCDMA Band 4	Test Mode	QPSK / 5MHz
Test Channel	1513 (1752.6 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3507.36	30.45	82.20	-51.75	28.32	6.01	28.72	32.60	148	360	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3507.64	30.60	82.20	-51.60	28.45	6.03	28.72	32.60	277	73	Average	VERTICAL



RSE above 1GHz Result

Appendix E

Band	WCDMA Band 5	Test Mode	QPSK / 5MHz
Test Channel	4132 (826.4 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3704.96	30.92	82.20	-51.28	28.11	6.21	29.08	32.48	232	312	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3707.24	31.01	82.20	-51.19	28.20	6.21	29.08	32.48	114	31	Average	VERTICAL

Band	WCDMA Band 5	Test Mode	QPSK / 5MHz
Test Channel	4183 (836.6 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3768.16	31.69	82.20	-50.51	28.67	6.26	29.20	32.44	252	353	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3759.04	31.64	82.20	-50.56	28.66	6.25	29.18	32.45	101	56	Average	VERTICAL

Band	WCDMA Band 5	Test Mode	QPSK / 5MHz
Test Channel	4233 (846.6 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3806.80	31.31	82.20	-50.89	28.18	6.29	29.26	32.42	281	304	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3810.84	31.19	82.20	-51.01	28.05	6.29	29.27	32.42	103	55	Average	VERTICAL



RSE above 1GHz Result

Appendix E

Band	LTE Band 2	Test Mode	QPSK / 20MHz
Test Channel	18700 (1860 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3719.15	31.94	82.20	-50.26	29.10	6.22	29.10	32.48	144	337	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3717.31	31.91	82.20	-50.29	29.07	6.22	29.10	32.48	151	360	Average	VERTICAL

Band	LTE Band 2	Test Mode	QPSK / 20MHz
Test Channel	18900 (1880 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3757.72	32.11	82.20	-50.09	29.13	6.25	29.18	32.45	103	52	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3762.15	31.72	82.20	-50.48	28.74	6.25	29.18	32.45	157	342	Average	VERTICAL

Band	LTE Band 2	Test Mode	QPSK / 20MHz
Test Channel	19100 (1900 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3802.03	33.10	82.20	-49.10	29.97	6.29	29.26	32.42	150	349	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3799.21	32.38	82.20	-49.82	29.25	6.29	29.26	32.42	174	238	Average	VERTICAL



Band	LTE Band 4	Test Mode	QPSK / 10MHz
Test Channel	19250 (1715 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3428.31	31.49	82.20	-50.71	29.47	5.93	28.69	32.60	209	357	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3427.84	30.51	82.20	-51.69	28.49	5.93	28.69	32.60	177	318	Average	VERTICAL

Band	LTE Band 4	Test Mode	QPSK / 10MHz
Test Channel	19425 (1732.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3466.10	31.34	82.20	-50.86	29.29	5.97	28.69	32.61	178	51	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3462.55	30.38	82.20	-51.82	28.33	5.97	28.69	32.61	155	312	Average	VERTICAL

Band	LTE Band 4	Test Mode	QPSK / 10MHz
Test Channel	19600 (1750 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3500.17	31.27	82.20	-50.93	29.17	6.01	28.70	32.61	199	360	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3499.19	30.29	82.20	-51.91	28.19	6.01	28.70	32.61	150	102	Average	VERTICAL



RSE above 1GHz Result

Appendix E

Band	LTE Band 5	Test Mode	QPSK / 10MHz
Test Channel	20450 (829 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1655.66	25.86	82.20	-56.34	30.01	4.08	25.74	33.97	203	11	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1655.87	25.65	82.20	-56.55	29.80	4.08	25.74	33.97	151	312	Average	VERTICAL

Band	LTE Band 5	Test Mode	QPSK / 10MHz
Test Channel	20525 (836.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1675.24	26.35	82.20	-55.85	30.41	4.10	25.77	33.93	177	349	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1673.80	25.62	82.20	-56.58	29.69	4.10	25.77	33.94	150	56	Average	VERTICAL

Band	LTE Band 5	Test Mode	QPSK / 10MHz
Test Channel	20600 (844 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1685.85	26.72	82.20	-55.48	30.75	4.10	25.79	33.92	187	359	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1686.73	25.83	82.20	-56.37	29.86	4.10	25.79	33.92	132	312	Average	VERTICAL



RSE above 1GHz Result

Appendix E

Band	LTE Band 12	Test Mode	QPSK / 10MHz
Test Channel	23065 (704.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1407.62	24.62	82.20	-57.58	30.14	3.74	25.31	34.57	203	301	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1407.14	23.71	82.20	-58.49	29.23	3.74	25.31	34.57	167	36	Average	VERTICAL

Band	LTE Band 12	Test Mode	QPSK / 10MHz
Test Channel	23095 (707.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1416.37	24.89	82.20	-57.31	30.36	3.74	25.33	34.54	200	346	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1415.92	24.20	82.20	-58.00	29.67	3.74	25.33	34.54	167	304	Average	VERTICAL

Band	LTE Band 12	Test Mode	QPSK / 10MHz
Test Channel	23130 (711 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1424.24	24.80	82.20	-57.40	30.19	3.77	25.35	34.51	197	328	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1424.46	23.72	82.20	-58.48	29.11	3.77	25.35	34.51	142	77	Average	VERTICAL



RSE above 1GHz Result

Appendix E

Band	LTE Band 13	Test Mode	QPSK / 5MHz
Test Channel	23205 (779.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1559.41	25.91	82.20	-56.29	30.48	3.95	25.60	34.12	193	360	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1560.22	25.80	82.20	-56.40	30.37	3.95	25.60	34.12	150	32	Average	VERTICAL

Band	LTE Band 13	Test Mode	QPSK / 5MHz
Test Channel	23230 (782 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1561.71	25.40	82.20	-56.80	29.97	3.95	25.60	34.12	187	308	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1561.94	25.35	82.20	-56.85	29.92	3.95	25.60	34.12	140	99	Average	VERTICAL

Band	LTE Band 13	Test Mode	QPSK / 5MHz
Test Channel	23255 (784.5 MHz)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1567.01	25.98	82.20	-56.22	30.54	3.95	25.60	34.11	173	344	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1567.87	25.57	82.20	-56.63	30.11	3.95	25.61	34.10	133	49	Average	VERTICAL



<Mode 1> EUT 2 + WCDMA Band 2 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	ppm	Limit (F1,Fh,ppm)	Port	Remark
Band 2	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1.88G	1.880004G	1.877699G	1.882309G	2.244	1.85G,1.91G,2.5	1	-



Frequency Stability Results

Appendix F.1

Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	1.88G	1.88G	1.877701G	1.882299G	0.002	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879996G	1.877688G	1.882304G	-1.995	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879997G	1.877696G	1.882299G	-1.496	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.880004G	1.877699G	1.882309G	2.244	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.88G	1.877692G	1.882307G	-0.249	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879996G	1.877698G	1.882294G	-1.995	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879997G	1.877692G	1.882303G	-1.496	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879997G	1.87769G	1.882304G	-1.496	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879996G	1.877695G	1.882298G	-1.995	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879998G	1.877692G	1.882303G	-1.247	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879996G	1.87769G	1.882302G	-2.244	1.85G,1.91G,2.5	1	-
1880MHz	Pass	1.88G	1.879998G	1.8777G	1.882296G	-0.997	1.85G,1.91G,2.5	1	-



<Mode 2> EUT 2 + WCDMA Band 4 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	ppm	Limit (F1,Fh,ppm)	Port	Remark
Band 4	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1712.4	1712.39212	1710.14983	1714.63441	-4.60	1.71G,1.755G,Inf	1	-



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 4_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1712.4MHz	Pass	1712.4	1712.39240	1710.14990	1714.63489	-4.44	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39212	1710.14983	1714.63441	-4.60	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39220	1710.14994	1714.63446	-4.56	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39212	1710.14992	1714.63432	-4.60	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39245	1710.14995	1714.63495	-4.41	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39240	1710.14988	1714.63492	-4.44	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39222	1710.14990	1714.63453	-4.55	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39225	1710.14992	1714.63457	-4.53	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39215	1710.14993	1714.63437	-4.58	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39221	1710.14987	1714.63454	-4.55	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39235	1710.14991	1714.63479	-4.47	1.71G,1.755G,Inf	1	-
1712.4MHz	Pass	1712.4	1712.39227	1710.14988	1714.63466	-4.51	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59341	1750.38988	1754.79694	-3.76	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59309	1750.38970	1754.79648	-3.94	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59312	1750.38981	1754.79643	-3.93	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59320	1750.38987	1754.79653	-3.88	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59329	1750.38970	1754.79688	-3.83	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59312	1750.38982	1754.79641	-3.93	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59306	1750.38979	1754.79633	-3.96	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59326	1750.38977	1754.79675	-3.85	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59312	1750.38971	1754.79653	-3.93	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59312	1750.38975	1754.79648	-3.93	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59331	1750.38980	1754.79682	-3.82	1.71G,1.755G,Inf	1	-
1752.6MHz	Pass	1752.6	1752.59319	1750.38984	1754.79653	-3.89	1.71G,1.755G,Inf	1	-



<Mode 3> EUT 2 + WCDMA Band 5 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	ppm	Limit (F1,Fh,ppm)	Port	Remark
Band 5	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	836.6M	836.597938M	834.241625M	838.95425M	-2.465	824M,849M,2.5	1	-



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 5_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
836.6MHz	Pass	836.6M	836.598406M	834.246312M	838.9505M	-1.905	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.599625M	834.242M	838.95725M	-0.448	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.598031M	834.239188M	838.956875M	-2.353	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.599062M	834.248562M	838.949562M	-1.121	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.597938M	834.241625M	838.95425M	-2.465	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.598125M	834.2495M	838.94675M	-2.241	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.599156M	834.2435M	838.954812M	-1.009	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.602062M	834.257M	838.947125M	2.465	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.599625M	834.248938M	838.950312M	-0.448	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.601125M	834.26075M	838.9415M	1.345	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.601125M	834.243875M	838.958375M	1.345	824M,849M,2.5	1	-
836.6MHz	Pass	836.6M	836.5985M	834.242938M	838.954062M	-1.793	824M,849M,2.5	1	-



<Mode 4> EUT 2 + LTE Band 2 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port
Band 2	-	-	-	-	-	-	-	-	-	-
LTE_15MHz_(QPSK)_1TX	Pass	1.9025G	1.902495G	1.895651G	1.909339G	1.85G	1.91G	-2.470	2.5	1



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
LTE_1.4MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1850.7MHz_-30°C	Pass	1.8507G	1.8507G	1.850123G	1.851277G	1.85G	1.91G	0.005	2.5	1	-
1850.7MHz_-20°C	Pass	1.8507G	1.850703G	1.850129G	1.851278G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_-10°C	Pass	1.8507G	1.850699G	1.850117G	1.851282G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_0°C	Pass	1.8507G	1.850702G	1.850125G	1.851279G	1.85G	1.91G	0.004	2.5	1	-
1850.7MHz_10°C	Pass	1.8507G	1.850706G	1.850133G	1.851278G	1.85G	1.91G	0.006	2.5	1	-
1850.7MHz_20°C	Pass	1.8507G	1.850696G	1.850115G	1.851277G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_30°C	Pass	1.8507G	1.8507G	1.850121G	1.851278G	1.85G	1.91G	0.004	2.5	1	-
1850.7MHz_40°C	Pass	1.8507G	1.8507G	1.850122G	1.851278G	1.85G	1.91G	0.005	2.5	1	-
1850.7MHz_50°C	Pass	1.8507G	1.850695G	1.850116G	1.851274G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_126.5V	Pass	1.8507G	1.850697G	1.850121G	1.851274G	1.85G	1.91G	0.002	2.5	1	-
1850.7MHz_93.5V	Pass	1.8507G	1.850701G	1.85013G	1.851272G	1.85G	1.91G	0.005	2.5	1	-
1909.3MHz_-30°C	Pass	1.9093G	1.909298G	1.908721G	1.909875G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_-20°C	Pass	1.9093G	1.909296G	1.908722G	1.909869G	1.85G	1.91G	0.005	2.5	1	-
1909.3MHz_-10°C	Pass	1.9093G	1.909301G	1.908725G	1.909877G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_0°C	Pass	1.9093G	1.909297G	1.908719G	1.909875G	1.85G	1.91G	0.004	2.5	1	-
1909.3MHz_10°C	Pass	1.9093G	1.9093G	1.908723G	1.909877G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_20°C	Pass	1.9093G	1.909293G	1.90872G	1.909866G	1.85G	1.91G	0.002	2.5	1	-
1909.3MHz_30°C	Pass	1.9093G	1.909295G	1.908722G	1.909868G	1.85G	1.91G	0.004	2.5	1	-
1909.3MHz_40°C	Pass	1.9093G	1.909294G	1.908719G	1.90987G	1.85G	1.91G	0.002	2.5	1	-
1909.3MHz_50°C	Pass	1.9093G	1.909303G	1.908734G	1.909871G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_126.5V	Pass	1.9093G	1.909296G	1.908725G	1.909867G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_93.5V	Pass	1.9093G	1.909297G	1.908718G	1.909876G	1.85G	1.91G	0.005	2.5	1	-
LTE_1.4MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
1850.7MHz_-30°C	Pass	1.8507G	1.850697G	1.850126G	1.851269G	1.85G	1.91G	0.002	2.5	1	-
1850.7MHz_-20°C	Pass	1.8507G	1.850702G	1.850129G	1.851275G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_-10°C	Pass	1.8507G	1.8507G	1.85012G	1.851279G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_0°C	Pass	1.8507G	1.850698G	1.850125G	1.851271G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_10°C	Pass	1.8507G	1.850694G	1.850113G	1.851276G	1.85G	1.91G	0.004	2.5	1	-
1850.7MHz_20°C	Pass	1.8507G	1.850698G	1.850123G	1.851273G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_30°C	Pass	1.8507G	1.850702G	1.850122G	1.851281G	1.85G	1.91G	0.004	2.5	1	-
1850.7MHz_40°C	Pass	1.8507G	1.850704G	1.850128G	1.851281G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_50°C	Pass	1.8507G	1.850701G	1.850125G	1.851277G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_126.5V	Pass	1.8507G	1.850706G	1.850133G	1.851279G	1.85G	1.91G	0.003	2.5	1	-
1850.7MHz_93.5V	Pass	1.8507G	1.850698G	1.850119G	1.851276G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_-30°C	Pass	1.9093G	1.909303G	1.908728G	1.909877G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_-20°C	Pass	1.9093G	1.909302G	1.908724G	1.909879G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_-10°C	Pass	1.9093G	1.909298G	1.908719G	1.909877G	1.85G	1.91G	0.004	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1909.3MHz_0°C	Pass	1.9093G	1.909297G	1.90872G	1.909873G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_10°C	Pass	1.9093G	1.909298G	1.908722G	1.909875G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_20°C	Pass	1.9093G	1.909299G	1.908719G	1.909878G	1.85G	1.91G	0.004	2.5	1	-
1909.3MHz_30°C	Pass	1.9093G	1.909301G	1.908726G	1.909877G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_40°C	Pass	1.9093G	1.909301G	1.908724G	1.909878G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_50°C	Pass	1.9093G	1.909297G	1.908717G	1.909876G	1.85G	1.91G	0.004	2.5	1	-
1909.3MHz_126.5V	Pass	1.9093G	1.909305G	1.908737G	1.909873G	1.85G	1.91G	0.003	2.5	1	-
1909.3MHz_93.5V	Pass	1.9093G	1.909301G	1.908726G	1.909875G	1.85G	1.91G	0.003	2.5	1	-
LTE_3MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1851.5MHz_-30°C	Pass	1.8515G	1.851511G	1.850149G	1.852873G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_-20°C	Pass	1.8515G	1.851506G	1.850141G	1.852871G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_-10°C	Pass	1.8515G	1.851508G	1.850139G	1.852877G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_0°C	Pass	1.8515G	1.851505G	1.850148G	1.852862G	1.85G	1.91G	0.003	2.5	1	-
1851.5MHz_10°C	Pass	1.8515G	1.851502G	1.850139G	1.852866G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_20°C	Pass	1.8515G	1.851508G	1.850145G	1.85287G	1.85G	1.91G	0.006	2.5	1	-
1851.5MHz_30°C	Pass	1.8515G	1.851512G	1.85014G	1.852883G	1.85G	1.91G	0.002	2.5	1	-
1851.5MHz_40°C	Pass	1.8515G	1.851504G	1.850153G	1.852855G	1.85G	1.91G	0.006	2.5	1	-
1851.5MHz_50°C	Pass	1.8515G	1.851508G	1.850154G	1.852863G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_126.5V	Pass	1.8515G	1.851507G	1.850149G	1.852864G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_93.5V	Pass	1.8515G	1.851507G	1.850145G	1.852869G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_-30°C	Pass	1.9085G	1.908502G	1.907144G	1.90986G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_-20°C	Pass	1.9085G	1.908498G	1.907137G	1.909859G	1.85G	1.91G	0.002	2.5	1	-
1908.5MHz_-10°C	Pass	1.9085G	1.908495G	1.907133G	1.909858G	1.85G	1.91G	0.005	2.5	1	-
1908.5MHz_0°C	Pass	1.9085G	1.908499G	1.907143G	1.909855G	1.85G	1.91G	0.019	2.5	1	-
1908.5MHz_10°C	Pass	1.9085G	1.908509G	1.907155G	1.909863G	1.85G	1.91G	0.003	2.5	1	-
1908.5MHz_20°C	Pass	1.9085G	1.908509G	1.907135G	1.909882G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_30°C	Pass	1.9085G	1.9085G	1.907135G	1.909864G	1.85G	1.91G	0.003	2.5	1	-
1908.5MHz_40°C	Pass	1.9085G	1.908493G	1.90713G	1.909857G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_50°C	Pass	1.9085G	1.908501G	1.907141G	1.909862G	1.85G	1.91G	0.003	2.5	1	-
1908.5MHz_126.5V	Pass	1.9085G	1.908495G	1.907141G	1.909849G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_93.5V	Pass	1.9085G	1.908487G	1.907123G	1.909851G	1.85G	1.91G	0.005	2.5	1	-
LTE_3MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
1851.5MHz_-30°C	Pass	1.8515G	1.851505G	1.850137G	1.852873G	1.85G	1.91G	0.003	2.5	1	-
1851.5MHz_-20°C	Pass	1.8515G	1.85151G	1.850149G	1.852871G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_-10°C	Pass	1.8515G	1.851509G	1.850141G	1.852877G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_0°C	Pass	1.8515G	1.85151G	1.850151G	1.85287G	1.85G	1.91G	0.003	2.5	1	-
1851.5MHz_10°C	Pass	1.8515G	1.85151G	1.850138G	1.852881G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_20°C	Pass	1.8515G	1.851509G	1.850137G	1.852881G	1.85G	1.91G	0.004	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1851.5MHz_30°C	Pass	1.8515G	1.851506G	1.850152G	1.85286G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_40°C	Pass	1.8515G	1.851512G	1.850147G	1.852877G	1.85G	1.91G	0.004	2.5	1	-
1851.5MHz_50°C	Pass	1.8515G	1.851498G	1.850139G	1.852858G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_126.5V	Pass	1.8515G	1.85151G	1.850153G	1.852866G	1.85G	1.91G	0.005	2.5	1	-
1851.5MHz_93.5V	Pass	1.8515G	1.851507G	1.850149G	1.852865G	1.85G	1.91G	0.022	2.5	1	-
1908.5MHz_30°C	Pass	1.9085G	1.908496G	1.907132G	1.909859G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_-20°C	Pass	1.9085G	1.908506G	1.907143G	1.90987G	1.85G	1.91G	0.005	2.5	1	-
1908.5MHz_-10°C	Pass	1.9085G	1.908498G	1.907133G	1.909863G	1.85G	1.91G	0.003	2.5	1	-
1908.5MHz_0°C	Pass	1.9085G	1.908492G	1.907122G	1.909861G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_10°C	Pass	1.9085G	1.9085G	1.907135G	1.909865G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_20°C	Pass	1.9085G	1.908505G	1.907143G	1.909867G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_30°C	Pass	1.9085G	1.908504G	1.907138G	1.90987G	1.85G	1.91G	0.003	2.5	1	-
1908.5MHz_40°C	Pass	1.9085G	1.908496G	1.907137G	1.909855G	1.85G	1.91G	0.005	2.5	1	-
1908.5MHz_50°C	Pass	1.9085G	1.908496G	1.907134G	1.909858G	1.85G	1.91G	0.004	2.5	1	-
1908.5MHz_126.5V	Pass	1.9085G	1.9085G	1.90714G	1.909859G	1.85G	1.91G	0.002	2.5	1	-
1908.5MHz_93.5V	Pass	1.9085G	1.908503G	1.907138G	1.909868G	1.85G	1.91G	0.003	2.5	1	-
LTE_5MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1852.5MHz_30°C	Pass	1.8525G	1.852503G	1.850262G	1.854744G	1.85G	1.91G	0.005	2.5	1	-
1852.5MHz_-20°C	Pass	1.8525G	1.852514G	1.850275G	1.854753G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_-10°C	Pass	1.8525G	1.852511G	1.850259G	1.854763G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_0°C	Pass	1.8525G	1.852504G	1.850262G	1.854746G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_10°C	Pass	1.8525G	1.852515G	1.850273G	1.854756G	1.85G	1.91G	0.005	2.5	1	-
1852.5MHz_20°C	Pass	1.8525G	1.852509G	1.850258G	1.85476G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_30°C	Pass	1.8525G	1.852508G	1.850271G	1.854746G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_40°C	Pass	1.8525G	1.852515G	1.850266G	1.854764G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_50°C	Pass	1.8525G	1.85251G	1.850267G	1.854753G	1.85G	1.91G	0.005	2.5	1	-
1852.5MHz_126.5V	Pass	1.8525G	1.852503G	1.850252G	1.854755G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_93.5V	Pass	1.8525G	1.852511G	1.85027G	1.854752G	1.85G	1.91G	0.005	2.5	1	-
1907.5MHz_30°C	Pass	1.9075G	1.907508G	1.905266G	1.90975G	1.85G	1.91G	0.002	2.5	1	-
1907.5MHz_-20°C	Pass	1.9075G	1.907486G	1.905247G	1.909726G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_-10°C	Pass	1.9075G	1.907496G	1.905256G	1.909736G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_0°C	Pass	1.9075G	1.907499G	1.90526G	1.909738G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_10°C	Pass	1.9075G	1.907495G	1.905252G	1.909739G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_20°C	Pass	1.9075G	1.907498G	1.905254G	1.909742G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_30°C	Pass	1.9075G	1.907501G	1.905263G	1.909738G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_40°C	Pass	1.9075G	1.9075G	1.905252G	1.909747G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_50°C	Pass	1.9075G	1.907499G	1.905255G	1.909744G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_126.5V	Pass	1.9075G	1.907498G	1.90525G	1.909747G	1.85G	1.91G	0.004	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1907.5MHz_93.5V	Pass	1.9075G	1.907497G	1.905255G	1.90974G	1.85G	1.91G	0.004	2.5	1	-
LTE_5MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
1852.5MHz_-30°C	Pass	1.8525G	1.852513G	1.85027G	1.854757G	1.85G	1.91G	0.002	2.5	1	-
1852.5MHz_-20°C	Pass	1.8525G	1.852518G	1.85026G	1.854777G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_-10°C	Pass	1.8525G	1.852515G	1.850271G	1.854759G	1.85G	1.91G	0.005	2.5	1	-
1852.5MHz_0°C	Pass	1.8525G	1.85252G	1.850278G	1.854761G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_10°C	Pass	1.8525G	1.852509G	1.850268G	1.854751G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_20°C	Pass	1.8525G	1.8525G	1.850264G	1.854735G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_30°C	Pass	1.8525G	1.852507G	1.850263G	1.854751G	1.85G	1.91G	0.003	2.5	1	-
1852.5MHz_40°C	Pass	1.8525G	1.8525G	1.850254G	1.854747G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_50°C	Pass	1.8525G	1.852498G	1.850264G	1.854733G	1.85G	1.91G	0.005	2.5	1	-
1852.5MHz_126.5V	Pass	1.8525G	1.852512G	1.850259G	1.854765G	1.85G	1.91G	0.004	2.5	1	-
1852.5MHz_93.5V	Pass	1.8525G	1.852513G	1.850274G	1.854751G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_-30°C	Pass	1.9075G	1.907503G	1.905262G	1.909744G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_-20°C	Pass	1.9075G	1.907497G	1.905247G	1.909748G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_-10°C	Pass	1.9075G	1.907494G	1.905252G	1.909735G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_0°C	Pass	1.9075G	1.907494G	1.905256G	1.909731G	1.85G	1.91G	0.002	2.5	1	-
1907.5MHz_10°C	Pass	1.9075G	1.9075G	1.905263G	1.909736G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_20°C	Pass	1.9075G	1.907495G	1.905257G	1.909732G	1.85G	1.91G	0.002	2.5	1	-
1907.5MHz_30°C	Pass	1.9075G	1.907497G	1.905248G	1.909746G	1.85G	1.91G	0.003	2.5	1	-
1907.5MHz_40°C	Pass	1.9075G	1.907495G	1.905254G	1.909737G	1.85G	1.91G	0.005	2.5	1	-
1907.5MHz_50°C	Pass	1.9075G	1.907488G	1.905244G	1.909733G	1.85G	1.91G	0.005	2.5	1	-
1907.5MHz_126.5V	Pass	1.9075G	1.907504G	1.905263G	1.909745G	1.85G	1.91G	0.004	2.5	1	-
1907.5MHz_93.5V	Pass	1.9075G	1.907499G	1.905256G	1.909743G	1.85G	1.91G	0.003	2.5	1	-
LTE_10MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1855MHz_-30°C	Pass	1.855G	1.855009G	1.850548G	1.859471G	1.85G	1.91G	0.003	2.5	1	-
1855MHz_-20°C	Pass	1.855G	1.855021G	1.850568G	1.859474G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_-10°C	Pass	1.855G	1.855004G	1.850534G	1.859474G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_0°C	Pass	1.855G	1.855016G	1.850556G	1.859475G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_10°C	Pass	1.855G	1.855025G	1.850552G	1.859498G	1.85G	1.91G	0.003	2.5	1	-
1855MHz_20°C	Pass	1.855G	1.855017G	1.850574G	1.859461G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_30°C	Pass	1.855G	1.855018G	1.850539G	1.859498G	1.85G	1.91G	0.003	2.5	1	-
1855MHz_40°C	Pass	1.855G	1.855019G	1.850556G	1.859481G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_50°C	Pass	1.855G	1.855017G	1.850543G	1.85949G	1.85G	1.91G	0.002	2.5	1	-
1855MHz_126.5V	Pass	1.855G	1.855026G	1.850569G	1.859483G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_93.5V	Pass	1.855G	1.855013G	1.850558G	1.859467G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_-30°C	Pass	1.905G	1.904987G	1.900543G	1.909431G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_-20°C	Pass	1.905G	1.904996G	1.900544G	1.909449G	1.85G	1.91G	0.003	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1905MHz_-10°C	Pass	1.905G	1.904999G	1.900542G	1.909457G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_0°C	Pass	1.905G	1.904993G	1.900545G	1.909441G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_10°C	Pass	1.905G	1.904986G	1.900542G	1.90943G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_20°C	Pass	1.905G	1.904968G	1.900525G	1.909412G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_30°C	Pass	1.905G	1.90498G	1.900541G	1.90942G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_40°C	Pass	1.905G	1.904999G	1.900551G	1.909448G	1.85G	1.91G	0.005	2.5	1	-
1905MHz_50°C	Pass	1.905G	1.904988G	1.900542G	1.909434G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_126.5V	Pass	1.905G	1.904988G	1.900543G	1.909433G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_93.5V	Pass	1.905G	1.905001G	1.900546G	1.909456G	1.85G	1.91G	0.003	2.5	1	-
LTE_10MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
1855MHz_-30°C	Pass	1.855G	1.855033G	1.850576G	1.85949G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_-20°C	Pass	1.855G	1.855025G	1.850563G	1.859487G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_-10°C	Pass	1.855G	1.855032G	1.85057G	1.859494G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_0°C	Pass	1.855G	1.855014G	1.850558G	1.85947G	1.85G	1.91G	0.002	2.5	1	-
1855MHz_10°C	Pass	1.855G	1.855016G	1.85056G	1.859472G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_20°C	Pass	1.855G	1.85501G	1.850541G	1.859478G	1.85G	1.91G	0.003	2.5	1	-
1855MHz_30°C	Pass	1.855G	1.855024G	1.850552G	1.859495G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_40°C	Pass	1.855G	1.855008G	1.850538G	1.859478G	1.85G	1.91G	0.003	2.5	1	-
1855MHz_50°C	Pass	1.855G	1.855026G	1.850564G	1.859488G	1.85G	1.91G	0.004	2.5	1	-
1855MHz_126.5V	Pass	1.855G	1.855017G	1.85056G	1.859474G	1.85G	1.91G	0.005	2.5	1	-
1855MHz_93.5V	Pass	1.855G	1.855034G	1.850573G	1.859495G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_-30°C	Pass	1.905G	1.904981G	1.900529G	1.909434G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_-20°C	Pass	1.905G	1.904981G	1.900542G	1.90942G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_-10°C	Pass	1.905G	1.905008G	1.900553G	1.909462G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_0°C	Pass	1.905G	1.904992G	1.900555G	1.909429G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_10°C	Pass	1.905G	1.904985G	1.900538G	1.909433G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_20°C	Pass	1.905G	1.905001G	1.900546G	1.909456G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_30°C	Pass	1.905G	1.904975G	1.900526G	1.909424G	1.85G	1.91G	0.004	2.5	1	-
1905MHz_40°C	Pass	1.905G	1.905001G	1.900551G	1.909452G	1.85G	1.91G	0.003	2.5	1	-
1905MHz_50°C	Pass	1.905G	1.90501G	1.900557G	1.909464G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_126.5V	Pass	1.905G	1.905G	1.900546G	1.909453G	1.85G	1.91G	0.002	2.5	1	-
1905MHz_93.5V	Pass	1.905G	1.904997G	1.900544G	1.90945G	1.85G	1.91G	0.003	2.5	1	-
LTE_15MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1857.5MHz_-30°C	Pass	1.8575G	1.857502G	1.850679G	1.864324G	1.85G	1.91G	0.904	2.5	1	-
1857.5MHz_-20°C	Pass	1.8575G	1.857498G	1.850678G	1.864318G	1.85G	1.91G	-1.168	2.5	1	-
1857.5MHz_-10°C	Pass	1.8575G	1.8575G	1.850677G	1.864322G	1.85G	1.91G	-0.118	2.5	1	-
1857.5MHz_0°C	Pass	1.8575G	1.857499G	1.850679G	1.86432G	1.85G	1.91G	-0.468	2.5	1	-
1857.5MHz_10°C	Pass	1.8575G	1.8575G	1.850677G	1.864324G	1.85G	1.91G	0.258	2.5	1	-
1857.5MHz_20°C	Pass	1.8575G	1.8575G	1.850678G	1.864321G	1.85G	1.91G	-0.118	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1857.5MHz_30°C	Pass	1.8575G	1.857499G	1.850677G	1.864322G	1.85G	1.91G	-0.361	2.5	1	-
1857.5MHz_40°C	Pass	1.8575G	1.857498G	1.850677G	1.864319G	1.85G	1.91G	-1.114	2.5	1	-
1857.5MHz_50°C	Pass	1.8575G	1.857499G	1.850678G	1.864321G	1.85G	1.91G	-0.280	2.5	1	-
1857.5MHz_126.5V	Pass	1.8575G	1.857501G	1.850678G	1.864324G	1.85G	1.91G	0.608	2.5	1	-
1857.5MHz_93.5V	Pass	1.8575G	1.857499G	1.850678G	1.864321G	1.85G	1.91G	-0.415	2.5	1	-
1902.5MHz_30°C	Pass	1.9025G	1.902499G	1.895653G	1.909344G	1.85G	1.91G	-0.788	2.5	1	-
1902.5MHz_-20°C	Pass	1.9025G	1.902495G	1.895651G	1.909339G	1.85G	1.91G	-2.470	2.5	1	-
1902.5MHz_-10°C	Pass	1.9025G	1.902497G	1.895652G	1.909342G	1.85G	1.91G	-1.629	2.5	1	-
1902.5MHz_0°C	Pass	1.9025G	1.902496G	1.895653G	1.909340G	1.85G	1.91G	-1.892	2.5	1	-
1902.5MHz_10°C	Pass	1.9025G	1.902498G	1.895653G	1.909343G	1.85G	1.91G	-1.261	2.5	1	-
1902.5MHz_20°C	Pass	1.9025G	1.902496G	1.895652G	1.909340G	1.85G	1.91G	-2.024	2.5	1	-
1902.5MHz_30°C	Pass	1.9025G	1.902497G	1.895652G	1.909343G	1.85G	1.91G	-1.419	2.5	1	-
1902.5MHz_40°C	Pass	1.9025G	1.902498G	1.895653G	1.909343G	1.85G	1.91G	-1.183	2.5	1	-
1902.5MHz_50°C	Pass	1.9025G	1.902496G	1.895652G	1.909341G	1.85G	1.91G	-1.997	2.5	1	-
1902.5MHz_126.5V	Pass	1.9025G	1.902496G	1.895652G	1.90934G	1.85G	1.91G	-2.208	2.5	1	-
1902.5MHz_93.5V	Pass	1.9025G	1.902498G	1.895652G	1.909343G	1.85G	1.91G	-1.261	2.5	1	-
LTE_15MHz_(16QAM)_1TX	Pass	1.9025G	1.902499G	1.895653G	1.909344G	1.85G	1.91G	-0.788	2.5	1	-
1857.5MHz_30°C	Pass	1.8575G	1.857502G	1.850668G	1.864335G	1.85G	1.91G	0.878	2.5	1	-
1857.5MHz_-20°C	Pass	1.8575G	1.857498G	1.850666G	1.864331G	1.85G	1.91G	-0.899	2.5	1	-
1857.5MHz_-10°C	Pass	1.8575G	1.857497G	1.850666G	1.864329G	1.85G	1.91G	-1.384	2.5	1	-
1857.5MHz_0°C	Pass	1.8575G	1.857501G	1.850667G	1.864335G	1.85G	1.91G	0.716	2.5	1	-
1857.5MHz_10°C	Pass	1.8575G	1.857501G	1.850667G	1.864334G	1.85G	1.91G	0.366	2.5	1	-
1857.5MHz_20°C	Pass	1.8575G	1.8575G	1.850668G	1.864333G	1.85G	1.91G	0.124	2.5	1	-
1857.5MHz_30°C	Pass	1.8575G	1.857497G	1.850666G	1.864329G	1.85G	1.91G	-1.410	2.5	1	-
1857.5MHz_40°C	Pass	1.8575G	1.8575G	1.850667G	1.864334G	1.85G	1.91G	0.231	2.5	1	-
1857.5MHz_50°C	Pass	1.8575G	1.857499G	1.850667G	1.864332G	1.85G	1.91G	-0.280	2.5	1	-
1857.5MHz_126.5V	Pass	1.8575G	1.857499G	1.850666G	1.864332G	1.85G	1.91G	-0.657	2.5	1	-
1857.5MHz_93.5V	Pass	1.8575G	1.857498G	1.850667G	1.864329G	1.85G	1.91G	-1.141	2.5	1	-
1902.5MHz_30°C	Pass	1.9025G	1.902498G	1.895652G	1.909343G	1.85G	1.91G	-1.314	2.5	1	-
1902.5MHz_-20°C	Pass	1.9025G	1.902497G	1.895651G	1.909343G	1.85G	1.91G	-1.708	2.5	1	-
1902.5MHz_-10°C	Pass	1.9025G	1.902496G	1.89565G	1.909342G	1.85G	1.91G	-2.103	2.5	1	-
1902.5MHz_0°C	Pass	1.9025G	1.902497G	1.895651G	1.909343G	1.85G	1.91G	-1.603	2.5	1	-
1902.5MHz_10°C	Pass	1.9025G	1.902497G	1.895651G	1.909342G	1.85G	1.91G	-1.787	2.5	1	-
1902.5MHz_20°C	Pass	1.9025G	1.902497G	1.895651G	1.909343G	1.85G	1.91G	-1.682	2.5	1	-
1902.5MHz_30°C	Pass	1.9025G	1.902497G	1.895652G	1.909343G	1.85G	1.91G	-1.498	2.5	1	-
1902.5MHz_40°C	Pass	1.9025G	1.902497G	1.895652G	1.909342G	1.85G	1.91G	-1.524	2.5	1	-
1902.5MHz_50°C	Pass	1.9025G	1.902496G	1.895651G	1.909341G	1.85G	1.91G	-2.024	2.5	1	-
1902.5MHz_126.5V	Pass	1.9025G	1.902496G	1.895652G	1.90934G	1.85G	1.91G	-2.103	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1902.5MHz_93.5V	Pass	1.9025G	1.902497G	1.895652G	1.909343G	1.85G	1.91G	-1.445	2.5	1	-
LTE_20MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
1860MHz_-30°C	Pass	1.86G	1.860001G	1.850909G	1.869093G	1.85G	1.91G	0.538	2.5	1	-
1860MHz_-20°C	Pass	1.86G	1.86G	1.850907G	1.869093G	1.85G	1.91G	-0.188	2.5	1	-
1860MHz_-10°C	Pass	1.86G	1.859999G	1.850907G	1.869092G	1.85G	1.91G	-0.349	2.5	1	-
1860MHz_0°C	Pass	1.86G	1.859999G	1.850906G	1.869091G	1.85G	1.91G	-0.780	2.5	1	-
1860MHz_10°C	Pass	1.86G	1.859998G	1.850904G	1.869092G	1.85G	1.91G	-1.048	2.5	1	-
1860MHz_20°C	Pass	1.86G	1.86G	1.850906G	1.869093G	1.85G	1.91G	-0.269	2.5	1	-
1860MHz_30°C	Pass	1.86G	1.859999G	1.850906G	1.869091G	1.85G	1.91G	-0.645	2.5	1	-
1860MHz_40°C	Pass	1.86G	1.859999G	1.850907G	1.869092G	1.85G	1.91G	-0.323	2.5	1	-
1860MHz_50°C	Pass	1.86G	1.859998G	1.850906G	1.86909G	1.85G	1.91G	-1.102	2.5	1	-
1860MHz_126.5V	Pass	1.86G	1.859999G	1.850906G	1.869092G	1.85G	1.91G	-0.591	2.5	1	-
1860MHz_93.5V	Pass	1.86G	1.859998G	1.850905G	1.869091G	1.85G	1.91G	-1.156	2.5	1	-
1900MHz_-30°C	Pass	1.9G	1.900001G	1.890909G	1.909093G	1.85G	1.91G	0.526	2.5	1	-
1900MHz_-20°C	Pass	1.9G	1.899999G	1.890908G	1.909091G	1.85G	1.91G	-0.289	2.5	1	-
1900MHz_-10°C	Pass	1.9G	1.899998G	1.890909G	1.909087G	1.85G	1.91G	-1.132	2.5	1	-
1900MHz_0°C	Pass	1.9G	1.899998G	1.890907G	1.909089G	1.85G	1.91G	-1.316	2.5	1	-
1900MHz_10°C	Pass	1.9G	1.899999G	1.890909G	1.909089G	1.85G	1.91G	-0.579	2.5	1	-
1900MHz_20°C	Pass	1.9G	1.9G	1.890908G	1.909091G	1.85G	1.91G	-0.132	2.5	1	-
1900MHz_30°C	Pass	1.9G	1.899998G	1.890909G	1.909087G	1.85G	1.91G	-1.105	2.5	1	-
1900MHz_40°C	Pass	1.9G	1.899997G	1.890908G	1.909085G	1.85G	1.91G	-1.842	2.5	1	-
1900MHz_50°C	Pass	1.9G	1.9G	1.890908G	1.909092G	1.85G	1.91G	-0.053	2.5	1	-
1900MHz_126.5V	Pass	1.9G	1.9G	1.890909G	1.909091G	1.85G	1.91G	-0.079	2.5	1	-
1900MHz_93.5V	Pass	1.9G	1.9G	1.890909G	1.909092G	1.85G	1.91G	0.158	2.5	1	-
LTE_20MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
1860MHz_-30°C	Pass	1.86G	1.86G	1.850907G	1.869092G	1.85G	1.91G	-0.269	2.5	1	-
1860MHz_-20°C	Pass	1.86G	1.859998G	1.850904G	1.869091G	1.85G	1.91G	-1.263	2.5	1	-
1860MHz_-10°C	Pass	1.86G	1.859999G	1.850907G	1.869092G	1.85G	1.91G	-0.430	2.5	1	-
1860MHz_0°C	Pass	1.86G	1.859997G	1.850902G	1.869091G	1.85G	1.91G	-1.855	2.5	1	-
1860MHz_10°C	Pass	1.86G	1.859999G	1.850906G	1.869091G	1.85G	1.91G	-0.591	2.5	1	-
1860MHz_20°C	Pass	1.86G	1.859999G	1.850905G	1.869092G	1.85G	1.91G	-0.780	2.5	1	-
1860MHz_30°C	Pass	1.86G	1.859997G	1.850904G	1.86909G	1.85G	1.91G	-1.828	2.5	1	-
1860MHz_40°C	Pass	1.86G	1.859999G	1.850906G	1.869092G	1.85G	1.91G	-0.457	2.5	1	-
1860MHz_50°C	Pass	1.86G	1.859998G	1.850906G	1.86909G	1.85G	1.91G	-1.022	2.5	1	-
1860MHz_126.5V	Pass	1.86G	1.859997G	1.850903G	1.869092G	1.85G	1.91G	-1.452	2.5	1	-
1860MHz_93.5V	Pass	1.86G	1.859997G	1.850905G	1.869089G	1.85G	1.91G	-1.667	2.5	1	-
1900MHz_-30°C	Pass	1.9G	1.899999G	1.890907G	1.909091G	1.85G	1.91G	-0.526	2.5	1	-
1900MHz_-20°C	Pass	1.9G	1.899996G	1.890907G	1.909085G	1.85G	1.91G	-2.184	2.5	1	-



Frequency Stability Results

Appendix F.4

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
1900MHz_-10°C	Pass	1.9G	1.899996G	1.890906G	1.909085G	1.85G	1.91G	-2.158	2.5	1	-
1900MHz_0°C	Pass	1.9G	1.899997G	1.890907G	1.909087G	1.85G	1.91G	-1.526	2.5	1	-
1900MHz_10°C	Pass	1.9G	1.899996G	1.890907G	1.909086G	1.85G	1.91G	-1.947	2.5	1	-
1900MHz_20°C	Pass	1.9G	1.899998G	1.890907G	1.90909G	1.85G	1.91G	-0.895	2.5	1	-
1900MHz_30°C	Pass	1.9G	1.899998G	1.890906G	1.90909G	1.85G	1.91G	-1.263	2.5	1	-
1900MHz_40°C	Pass	1.9G	1.899997G	1.890907G	1.909088G	1.85G	1.91G	-1.447	2.5	1	-
1900MHz_50°C	Pass	1.9G	1.899997G	1.890906G	1.909089G	1.85G	1.91G	-1.395	2.5	1	-
1900MHz_126.5V	Pass	1.9G	1.899998G	1.890906G	1.909091G	1.85G	1.91G	-0.921	2.5	1	-
1900MHz_93.5V	Pass	1.9G	1.899996G	1.890907G	1.909086G	1.85G	1.91G	-1.921	2.5	1	-



<Mode 5> EUT 2 + LTE Band 4 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	F1 Limit (Hz)	Fh Limit (Hz)	ppm	Port
Band 4	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_(QPSK)_1TX	Pass	1.7107G	1.7107029G	1.7101943G	1.7112115G	1.71G	1.755G	1.69	1



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_1.4MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1710.7MHz_-30°C	Pass	1.7107G	1.7107029G	1.7101943G	1.7112115G	1.71G	1.755G	1.69	1	-
1710.7MHz_-20°C	Pass	1.7107G	1.7107028G	1.7101942G	1.7112114G	1.71G	1.755G	1.61	1	-
1710.7MHz_-10°C	Pass	1.7107G	1.7107028G	1.7101943G	1.7112113G	1.71G	1.755G	1.61	1	-
1710.7MHz_0°C	Pass	1.7107G	1.7107028G	1.7101941G	1.7112114G	1.71G	1.755G	1.62	1	-
1710.7MHz_10°C	Pass	1.7107G	1.7107026G	1.7101942G	1.7112111G	1.71G	1.755G	1.53	1	-
1710.7MHz_20°C	Pass	1.7107G	1.7107028G	1.7101943G	1.7112114G	1.71G	1.755G	1.64	1	-
1710.7MHz_30°C	Pass	1.7107G	1.7107027G	1.7101943G	1.7112112G	1.71G	1.755G	1.60	1	-
1710.7MHz_40°C	Pass	1.7107G	1.7107027G	1.7101942G	1.7112112G	1.71G	1.755G	1.55	1	-
1710.7MHz_50°C	Pass	1.7107G	1.7107028G	1.7101941G	1.7112115G	1.71G	1.755G	1.63	1	-
1710.7MHz_126.5V	Pass	1.7107G	1.7107027G	1.7101942G	1.7112112G	1.71G	1.755G	1.59	1	-
1710.7MHz_93.5V	Pass	1.7107G	1.7107027G	1.7101942G	1.7112112G	1.71G	1.755G	1.58	1	-
1754.3MHz_-30°C	Pass	1.7543G	1.7543025G	1.7537941G	1.7548110G	1.71G	1.755G	1.45	1	-
1754.3MHz_-20°C	Pass	1.7543G	1.7543021G	1.7537940G	1.7548103G	1.71G	1.755G	1.22	1	-
1754.3MHz_-10°C	Pass	1.7543G	1.7543023G	1.7537939G	1.7548107G	1.71G	1.755G	1.33	1	-
1754.3MHz_0°C	Pass	1.7543G	1.7543024G	1.7537940G	1.7548109G	1.71G	1.755G	1.37	1	-
1754.3MHz_10°C	Pass	1.7543G	1.7543024G	1.7537940G	1.7548109G	1.71G	1.755G	1.39	1	-
1754.3MHz_20°C	Pass	1.7543G	1.7543025G	1.7537941G	1.7548109G	1.71G	1.755G	1.42	1	-
1754.3MHz_30°C	Pass	1.7543G	1.7543024G	1.7537940G	1.7548108G	1.71G	1.755G	1.37	1	-
1754.3MHz_40°C	Pass	1.7543G	1.7543022G	1.7537940G	1.7548105G	1.71G	1.755G	1.28	1	-
1754.3MHz_50°C	Pass	1.7543G	1.7543024G	1.7537939G	1.7548110G	1.71G	1.755G	1.39	1	-
1754.3MHz_126.5V	Pass	1.7543G	1.7543022G	1.7537940G	1.7548105G	1.71G	1.755G	1.27	1	-
1754.3MHz_93.5V	Pass	1.7543G	1.7543023G	1.7537940G	1.7548106G	1.71G	1.755G	1.30	1	-
LTE_1.4MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1710.7MHz_-30°C	Pass	1.7107G	1.7107022G	1.71019399G	1.71121041G	1.71G	1.755G	1.29	1	-
1710.7MHz_-20°C	Pass	1.7107G	1.7107019G	1.71019381G	1.71120989G	1.71G	1.755G	1.08	1	-
1710.7MHz_-10°C	Pass	1.7107G	1.7107019G	1.71019382G	1.71120996G	1.71G	1.755G	1.10	1	-
1710.7MHz_0°C	Pass	1.7107G	1.7107021G	1.71019389G	1.71121038G	1.71G	1.755G	1.25	1	-
1710.7MHz_10°C	Pass	1.7107G	1.7107019G	1.71019380G	1.71121006G	1.71G	1.755G	1.13	1	-
1710.7MHz_20°C	Pass	1.7107G	1.710702G	1.71019394G	1.71121004G	1.71G	1.755G	1.16	1	-
1710.7MHz_30°C	Pass	1.7107G	1.7107021G	1.71019382G	1.71121039G	1.71G	1.755G	1.23	1	-
1710.7MHz_40°C	Pass	1.7107G	1.7107018G	1.71019384G	1.71120976G	1.71G	1.755G	1.05	1	-
1710.7MHz_50°C	Pass	1.7107G	1.710702G	1.71019391G	1.71121002G	1.71G	1.755G	1.15	1	-
1710.7MHz_126.5V	Pass	1.7107G	1.710702G	1.71019385G	1.71121017G	1.71G	1.755G	1.17	1	-
1710.7MHz_93.5V	Pass	1.7107G	1.7107019G	1.71019387G	1.71120992G	1.71G	1.755G	1.11	1	-
1754.3MHz_-30°C	Pass	1.7543G	1.7543024G	1.753794G	1.7548108G	1.71G	1.755G	1.37	1	-
1754.3MHz_-20°C	Pass	1.7543G	1.754302G	1.7537938G	1.7548108G	1.71G	1.755G	1.34	1	-
1754.3MHz_-10°C	Pass	1.7543G	1.7543021G	1.753794G	1.7548104G	1.71G	1.755G	1.24	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1754.3MHz_0°C	Pass	1.7543G	1.7543021G	1.7537939G	1.7548107G	1.71G	1.755G	1.29	1	-
1754.3MHz_10°C	Pass	1.7543G	1.7543021G	1.7537939G	1.7548106G	1.71G	1.755G	1.25	1	-
1754.3MHz_20°C	Pass	1.7543G	1.7543022G	1.7537938G	1.7548105G	1.71G	1.755G	1.27	1	-
1754.3MHz_30°C	Pass	1.7543G	1.7543022G	1.7537938G	1.7548107G	1.71G	1.755G	1.29	1	-
1754.3MHz_40°C	Pass	1.7543G	1.7543021G	1.753794G	1.7548101G	1.71G	1.755G	1.17	1	-
1754.3MHz_50°C	Pass	1.7543G	1.754302G	1.7537939G	1.7548103G	1.71G	1.755G	1.22	1	-
1754.3MHz_126.5V	Pass	1.7543G	1.7543021G	1.753794G	1.7548103G	1.71G	1.755G	1.18	1	-
1754.3MHz_93.5V	Pass	1.7543G	1.754302G	1.7537938G	1.7548103G	1.71G	1.755G	1.17	1	-
LTE_3MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1711.5MHz_-30°C	Pass	1.7115G	1.7115022G	1.71099399G	1.71201041G	1.71G	1.755G	1.29	1	-
1711.5MHz_-20°C	Pass	1.7115G	1.7115019G	1.71099398G	1.71200982G	1.71G	1.755G	1.11	1	-
1711.5MHz_-10°C	Pass	1.7115G	1.7115019G	1.71099388G	1.71200995G	1.71G	1.755G	1.12	1	-
1711.5MHz_0°C	Pass	1.7115G	1.7115020G	1.71099391G	1.71201007G	1.71G	1.755G	1.16	1	-
1711.5MHz_10°C	Pass	1.7115G	1.7115020G	1.71099389G	1.71201020G	1.71G	1.755G	1.19	1	-
1711.5MHz_20°C	Pass	1.7115G	1.7115019G	1.71099382G	1.71201007G	1.71G	1.755G	1.14	1	-
1711.5MHz_30°C	Pass	1.7115G	1.7115018G	1.71099381G	1.71200986G	1.71G	1.755G	1.07	1	-
1711.5MHz_40°C	Pass	1.7115G	1.7115019G	1.71099383G	1.71201004G	1.71G	1.755G	1.13	1	-
1711.5MHz_50°C	Pass	1.7115G	1.7115018G	1.71099383G	1.71200981G	1.71G	1.755G	1.06	1	-
1711.5MHz_126.5V	Pass	1.7115G	1.7115020G	1.71099397G	1.71201002G	1.71G	1.755G	1.17	1	-
1711.5MHz_93.5V	Pass	1.7115G	1.7115020G	1.71099386G	1.71201022G	1.71G	1.755G	1.19	1	-
1753.5MHz_-30°C	Pass	1.7535G	1.7535023G	1.75299375G	1.75401084G	1.71G	1.755G	1.31	1	-
1753.5MHz_-20°C	Pass	1.7535G	1.7535021G	1.7529937G	1.75401041G	1.71G	1.755G	1.17	1	-
1753.5MHz_-10°C	Pass	1.7535G	1.7535021G	1.75299372G	1.75401054G	1.71G	1.755G	1.21	1	-
1753.5MHz_0°C	Pass	1.7535G	1.753502G	1.75299366G	1.75401033G	1.71G	1.755G	1.14	1	-
1753.5MHz_10°C	Pass	1.7535G	1.7535022G	1.7529936G	1.7540107G	1.71G	1.755G	1.23	1	-
1753.5MHz_20°C	Pass	1.7535G	1.7535021G	1.75299361G	1.75401058G	1.71G	1.755G	1.19	1	-
1753.5MHz_30°C	Pass	1.7535G	1.7535019G	1.7529937G	1.75401019G	1.71G	1.755G	1.11	1	-
1753.5MHz_40°C	Pass	1.7535G	1.7535022G	1.75299363G	1.7540107G	1.71G	1.755G	1.23	1	-
1753.5MHz_50°C	Pass	1.7535G	1.7535022G	1.75299365G	1.75401076G	1.71G	1.755G	1.26	1	-
1753.5MHz_126.5V	Pass	1.7535G	1.7535019G	1.75299364G	1.75401024G	1.71G	1.755G	1.11	1	-
1753.5MHz_93.5V	Pass	1.7535G	1.753502G	1.75299355G	1.75401043G	1.71G	1.755G	1.13	1	-
LTE_3MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1711.5MHz_-30°C	Pass	1.7115G	1.7115024G	1.71099384G	1.71201102G	1.71G	1.755G	1.42	1	-
1711.5MHz_-20°C	Pass	1.7115G	1.7115024G	1.71099376G	1.71201099G	1.71G	1.755G	1.39	1	-
1711.5MHz_-10°C	Pass	1.7115G	1.7115021G	1.71099379G	1.71201042G	1.71G	1.755G	1.23	1	-
1711.5MHz_0°C	Pass	1.7115G	1.7115021G	1.71099377G	1.7120104G	1.71G	1.755G	1.22	1	-
1711.5MHz_10°C	Pass	1.7115G	1.7115022G	1.71099369G	1.71201074G	1.71G	1.755G	1.29	1	-
1711.5MHz_20°C	Pass	1.7115G	1.7115022G	1.71099366G	1.71201073G	1.71G	1.755G	1.28	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1711.5MHz_30°C	Pass	1.7115G	1.7115021G	1.71099364G	1.71201064G	1.71G	1.755G	1.25	1	-
1711.5MHz_40°C	Pass	1.7115G	1.7115021G	1.71099379G	1.71201045G	1.71G	1.755G	1.24	1	-
1711.5MHz_50°C	Pass	1.7115G	1.7115023G	1.71099366G	1.7120109G	1.71G	1.755G	1.33	1	-
1711.5MHz_126.5V	Pass	1.7115G	1.7115021G	1.71099374G	1.71201037G	1.71G	1.755G	1.20	1	-
1711.5MHz_93.5V	Pass	1.7115G	1.7115022G	1.71099369G	1.71201075G	1.71G	1.755G	1.30	1	-
1753.5MHz_-30°C	Pass	1.7535	1.7535021G	1.75299358G	1.75401061G	1.71G	1.755G	1.19	1	-
1753.5MHz_-20°C	Pass	1.7535G	1.7535019G	1.75299354G	1.75401025G	1.71G	1.755G	1.08	1	-
1753.5MHz_-10°C	Pass	1.7535G	1.753502G	1.75299354G	1.75401044G	1.71G	1.755G	1.13	1	-
1753.5MHz_0°C	Pass	1.7535G	1.7535017G	1.75299339G	1.75401004G	1.71G	1.755G	0.98	1	-
1753.5MHz_10°C	Pass	1.7535G	1.7535017G	1.7529934G	1.75401009G	1.71G	1.755G	1.00	1	-
1753.5MHz_20°C	Pass	1.7535G	1.753502G	1.7529934G	1.75401054G	1.71G	1.755G	1.12	1	-
1753.5MHz_30°C	Pass	1.7535G	1.7535019G	1.7529934G	1.75401042G	1.71G	1.755G	1.09	1	-
1753.5MHz_40°C	Pass	1.7535G	1.7535018G	1.75299354G	1.75401012G	1.71G	1.755G	1.04	1	-
1753.5MHz_50°C	Pass	1.7535G	1.7535019G	1.7529935G	1.7540102G	1.71G	1.755G	1.06	1	-
1753.5MHz_126.5V	Pass	1.7535G	1.753502G	1.75299345G	1.75401048G	1.71G	1.755G	1.12	1	-
1753.5MHz_93.5V	Pass	1.7535G	1.7535018G	1.75299344G	1.75401006G	1.71G	1.755G	1.00	1	-
LTE_5MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1712.5MHz_-30°C	Pass	1.7125G	1.7125021G	1.71199358G	1.71301061G	1.71G	1.755G	1.22	1	-
1712.5MHz_-20°C	Pass	1.7125G	1.7125018G	1.71199353G	1.71301002G	1.71G	1.755G	1.04	1	-
1712.5MHz_-10°C	Pass	1.7125G	1.712502G	1.7119935G	1.71301041G	1.71G	1.755G	1.14	1	-
1712.5MHz_0°C	Pass	1.7125G	1.712502G	1.71199357G	1.7130105G	1.71G	1.755G	1.19	1	-
1712.5MHz_10°C	Pass	1.7125G	1.7125019G	1.71199345G	1.71301026G	1.71G	1.755G	1.08	1	-
1712.5MHz_20°C	Pass	1.7125G	1.7125018G	1.71199347G	1.71301008G	1.71G	1.755G	1.04	1	-
1712.5MHz_30°C	Pass	1.7125G	1.7125019G	1.71199341G	1.71301038G	1.71G	1.755G	1.11	1	-
1712.5MHz_40°C	Pass	1.7125G	1.7125021G	1.71199352G	1.71301058G	1.71G	1.755G	1.20	1	-
1712.5MHz_50°C	Pass	1.7125G	1.712502G	1.71199346G	1.71301057G	1.71G	1.755G	1.18	1	-
1712.5MHz_126.5V	Pass	1.7125G	1.712502G	1.71199341G	1.71301051G	1.71G	1.755G	1.14	1	-
1712.5MHz_93.5V	Pass	1.7125G	1.7125019G	1.71199355G	1.71301023G	1.71G	1.755G	1.10	1	-
1752.5MHz_-30°C	Pass	1.7525G	1.7525021G	1.75199358G	1.75301061G	1.71G	1.755G	1.20	1	-
1752.5MHz_-20°C	Pass	1.7525G	1.7525019G	1.75199356G	1.7530103G	1.71G	1.755G	1.10	1	-
1752.5MHz_-10°C	Pass	1.7525G	1.7525017G	1.75199356G	1.75300993G	1.71G	1.755G	1.00	1	-
1752.5MHz_0°C	Pass	1.7525G	1.7525017G	1.7519934G	1.75301G	1.71G	1.755G	0.97	1	-
1752.5MHz_10°C	Pass	1.7525G	1.7525018G	1.75199338G	1.75301026G	1.71G	1.755G	1.04	1	-
1752.5MHz_20°C	Pass	1.7525G	1.7525019G	1.75199346G	1.75301027G	1.71G	1.755G	1.06	1	-
1752.5MHz_30°C	Pass	1.7525G	1.752502G	1.75199352G	1.75301043G	1.71G	1.755G	1.13	1	-
1752.5MHz_40°C	Pass	1.7525G	1.752502G	1.75199356G	1.75301035G	1.71G	1.755G	1.12	1	-
1752.5MHz_50°C	Pass	1.7525G	1.752502G	1.75199339G	1.75301058G	1.71G	1.755G	1.13	1	-
1752.5MHz_126.5V	Pass	1.7525G	1.7525019G	1.75199349G	1.75301023G	1.71G	1.755G	1.06	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1752.5MHz_93.5V	Pass	1.7525G	1.7525018G	1.75199338G	1.7530102G	1.71G	1.755G	1.02	1	-
LTE_5MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1712.5MHz_-30°C	Pass	1.7125G	1.712502G	1.71199354G	1.71301049G	1.71G	1.755G	1.18	1	-
1712.5MHz_-20°C	Pass	1.7125G	1.7125019G	1.71199342G	1.71301034G	1.71G	1.755G	1.60	1	-
1712.5MHz_-10°C	Pass	1.7125G	1.7125018G	1.71199348G	1.71301004G	1.71G	1.755G	1.52	1	-
1712.5MHz_0°C	Pass	1.7125G	1.7125019G	1.71199351G	1.71301023G	1.71G	1.755G	1.51	1	-
1712.5MHz_10°C	Pass	1.7125G	1.7125018G	1.71199354G	1.71301001G	1.71G	1.755G	1.49	1	-
1712.5MHz_20°C	Pass	1.7125G	1.7125019G	1.71199356G	1.71301028G	1.71G	1.755G	1.58	1	-
1712.5MHz_30°C	Pass	1.7125G	1.7125018G	1.71199344G	1.71301007G	1.71G	1.755G	1.52	1	-
1712.5MHz_40°C	Pass	1.7125G	1.7125018G	1.71199348G	1.71301012G	1.71G	1.755G	1.53	1	-
1712.5MHz_50°C	Pass	1.7125G	1.7125021G	1.71199355G	1.7130106G	1.71G	1.755G	1.57	1	-
1712.5MHz_126.5V	Pass	1.7125G	1.7125019G	1.7119934G	1.71301041G	1.71G	1.755G	1.46	1	-
1712.5MHz_93.5V	Pass	1.7125G	1.7125017G	1.7119934G	1.71301009G	1.71G	1.755G	1.45	1	-
1752.5MHz_-30°C	Pass	1.7525G	1.7525018G	1.75199346G	1.75301009G	1.71G	1.755G	1.01	1	-
1752.5MHz_-20°C	Pass	1.7525G	1.7525019G	1.75199339G	1.75301038G	1.71G	1.755G	1.08	1	-
1752.5MHz_-10°C	Pass	1.7525G	1.7525019G	1.75199345G	1.75301036G	1.71G	1.755G	1.09	1	-
1752.5MHz_0°C	Pass	1.7525G	1.7525018G	1.75199343G	1.75301014G	1.71G	1.755G	1.02	1	-
1752.5MHz_10°C	Pass	1.7525G	1.7525018G	1.75199353G	1.75301004G	1.71G	1.755G	1.02	1	-
1752.5MHz_20°C	Pass	1.7525G	1.7525019G	1.75199353G	1.75301019G	1.71G	1.755G	1.06	1	-
1752.5MHz_30°C	Pass	1.7525G	1.7525017G	1.75199338G	1.75300994G	1.71G	1.755G	0.95	1	-
1752.5MHz_40°C	Pass	1.7525G	1.7525017G	1.75199354G	1.75300995G	1.71G	1.755G	1.00	1	-
1752.5MHz_50°C	Pass	1.7525G	1.7525018G	1.7519934G	1.7530102G	1.71G	1.755G	1.03	1	-
1752.5MHz_126.5V	Pass	1.7525G	1.7525017G	1.7519935G	1.75300996G	1.71G	1.755G	0.99	1	-
1752.5MHz_93.5V	Pass	1.7525G	1.7525019G	1.75199349G	1.7530104G	1.71G	1.755G	1.11	1	-
LTE_10MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1715MHz_-30°C	Pass	1.715G	1.7150027G	1.71448358G	1.71552191G	1.71G	1.755G	1.60	1	-
1715MHz_-20°C	Pass	1.715G	1.7150024G	1.7144834G	1.71552133G	1.71G	1.755G	1.38	1	-
1715MHz_-10°C	Pass	1.715G	1.7150025G	1.71448345G	1.71552157G	1.71G	1.755G	1.46	1	-
1715MHz_0°C	Pass	1.715G	1.7150026G	1.71448356G	1.71552173G	1.71G	1.755G	1.54	1	-
1715MHz_10°C	Pass	1.715G	1.7150024G	1.71448346G	1.71552141G	1.71G	1.755G	1.42	1	-
1715MHz_20°C	Pass	1.715G	1.7150023G	1.71448338G	1.7155213G	1.71G	1.755G	1.36	1	-
1715MHz_30°C	Pass	1.715G	1.7150023G	1.71448339G	1.71552121G	1.71G	1.755G	1.34	1	-
1715MHz_40°C	Pass	1.715G	1.7150025G	1.71448352G	1.71552157G	1.71G	1.755G	1.48	1	-
1715MHz_50°C	Pass	1.715G	1.7150025G	1.71448349G	1.71552154G	1.71G	1.755G	1.47	1	-
1715MHz_126.5V	Pass	1.715G	1.7150026G	1.71448356G	1.71552155G	1.71G	1.755G	1.49	1	-
1715MHz_93.5V	Pass	1.715G	1.7150024G	1.71448346G	1.71552128G	1.71G	1.755G	1.38	1	-
1750MHz_-30°C	Pass	1.75G	1.7500027G	1.74948358G	1.75052191	1.71G	1.755G	1.57	1	-
1750MHz_-20°C	Pass	1.75G	1.7500023G	1.74948338G	1.75052131	1.71G	1.755G	1.34	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1750MHz_-10°C	Pass	1.75G	1.7500024G	1.74948345G	1.75052138G	1.71G	1.755G	1.38	1	-
1750MHz_0°C	Pass	1.75G	1.7500026G	1.74948343G	1.75052183G	1.71G	1.755G	1.50	1	-
1750MHz_10°C	Pass	1.75G	1.7500025G	1.74948347G	1.75052151G	1.71G	1.755G	1.42	1	-
1750MHz_20°C	Pass	1.75G	1.7500025G	1.74948352G	1.75052144G	1.71G	1.755G	1.42	1	-
1750MHz_30°C	Pass	1.75G	1.7500026G	1.74948354G	1.7505216G	1.71G	1.755G	1.47	1	-
1750MHz_40°C	Pass	1.75G	1.7500024G	1.74948338G	1.75052149G	1.71G	1.755G	1.39	1	-
1750MHz_50°C	Pass	1.75G	1.7500027G	1.74948353G	1.75052187G	1.71G	1.755G	1.54	1	-
1750MHz_126.5V	Pass	1.75G	1.7500025G	1.74948343G	1.7505216G	1.71G	1.755G	1.44	1	-
1750MHz_93.5V	Pass	1.75G	1.7500026G	1.74948349G	1.75052164G	1.71G	1.755G	1.47	1	-
LTE_10MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1715MHz_-30°C	Pass	1.715G	1.7150026G	1.71448342G	1.71552185G	1.71G	1.755G	1.54	1	-
1715MHz_-20°C	Pass	1.715G	1.7150027G	1.71448348G	1.71552182G	1.71G	1.755G	1.55	1	-
1715MHz_-10°C	Pass	1.715G	1.7150025G	1.7144835G	1.71552155G	1.71G	1.755G	1.47	1	-
1715MHz_0°C	Pass	1.715G	1.7150025G	1.7144834G	1.71552154G	1.71G	1.755G	1.44	1	-
1715MHz_10°C	Pass	1.715G	1.7150024G	1.71448341G	1.71552132G	1.71G	1.755G	1.38	1	-
1715MHz_20°C	Pass	1.715G	1.7150026G	1.71448349G	1.71552179G	1.71G	1.755G	1.54	1	-
1715MHz_30°C	Pass	1.715G	1.7150026G	1.71448356G	1.71552157G	1.71G	1.755G	1.50	1	-
1715MHz_40°C	Pass	1.715G	1.7150027G	1.71448341G	1.71552189G	1.71G	1.755G	1.55	1	-
1715MHz_50°C	Pass	1.715G	1.7150024G	1.7144834G	1.71552135G	1.71G	1.755G	1.38	1	-
1715MHz_126.5V	Pass	1.715G	1.7150024G	1.71448346G	1.71552141G	1.71G	1.755G	1.42	1	-
1715MHz_93.5V	Pass	1.715G	1.7150026G	1.71448348G	1.71552168G	1.71G	1.755G	1.50	1	-
1750MHz_-30°C	Pass	1.75G	1.7500021G	1.74949236G	1.75051191G	1.71G	1.755G	1.22	1	-
1750MHz_-20°C	Pass	1.75G	1.7500018G	1.74949226G	1.75051135G	1.71G	1.755G	1.03	1	-
1750MHz_-10°C	Pass	1.75G	1.7500018G	1.74949228G	1.75051124G	1.71G	1.755G	1.01	1	-
1750MHz_0°C	Pass	1.75G	1.7500019G	1.74949217G	1.7505117G	1.71G	1.755G	1.11	1	-
1750MHz_10°C	Pass	1.75G	1.7500019G	1.74949235G	1.75051152G	1.71G	1.755G	1.11	1	-
1750MHz_20°C	Pass	1.75G	1.7500017G	1.74949218G	1.75051132G	1.71G	1.755G	1.00	1	-
1750MHz_30°C	Pass	1.75G	1.7500019G	1.7494922G	1.75051157G	1.71G	1.755G	1.08	1	-
1750MHz_40°C	Pass	1.75G	1.750002G	1.74949218G	1.7505118G	1.71G	1.755G	1.14	1	-
1750MHz_50°C	Pass	1.75G	1.7500019G	1.74949229G	1.75051155G	1.71G	1.755G	1.10	1	-
1750MHz_126.5V	Pass	1.75G	1.750002G	1.74949233G	1.75051164G	1.71G	1.755G	1.13	1	-
1750MHz_93.5V	Pass	1.75G	1.750002G	1.7494922G	1.75051179G	1.71G	1.755G	1.14	1	-
LTE_15MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1717.5MHz_-30°C	Pass	1.7175G	1.7175026G	1.71699324G	1.71801191G	1.71G	1.755G	1.50	1	-
1717.5MHz_-20°C	Pass	1.7175G	1.7175025G	1.71699323G	1.71801178G	1.71G	1.755G	1.46	1	-
1717.5MHz_-10°C	Pass	1.7175G	1.7175024G	1.71699310G	1.71801164G	1.71G	1.755G	1.38	1	-
1717.5MHz_0°C	Pass	1.7175G	1.7175024G	1.71699319G	1.71801153G	1.71G	1.755G	1.37	1	-
1717.5MHz_10°C	Pass	1.7175G	1.7175023G	1.71699311G	1.71801159G	1.71G	1.755G	1.37	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1717.5MHz_20°C	Pass	1.7175G	1.7175022G	1.71699318G	1.71801129G	1.71G	1.755G	1.30	1	-
1717.5MHz_30°C	Pass	1.7175G	1.7175021G	1.71699309G	1.71801121G	1.71G	1.755G	1.25	1	-
1717.5MHz_40°C	Pass	1.7175G	1.7175022G	1.71699308G	1.71801137G	1.71G	1.755G	1.29	1	-
1717.5MHz_50°C	Pass	1.7175G	1.7175024G	1.7169932G	1.71801158G	1.71G	1.755G	1.39	1	-
1717.5MHz_126.5V	Pass	1.7175G	1.71750G23G	1.71699319G	1.71801138G	1.71G	1.755G	1.33	1	-
1717.5MHz_93.5V	Pass	1.7175G	1.7175G023G	1.71699317G	1.71801144G	1.71G	1.755G	1.34	1	-
1747.5MHz_-30°C	Pass	1.7475G	1.7475026G	1.74699324G	1.74801191G	1.71G	1.755G	1.47	1	-
1747.5MHz_-20°C	Pass	1.7475G	1.7475024G	1.7469931G	1.74801178G	1.71G	1.755G	1.40	1	-
1747.5MHz_-10°C	Pass	1.7475G	1.7475022G	1.74699308G	1.74801123G	1.71G	1.755G	1.23	1	-
1747.5MHz_0°C	Pass	1.7475G	1.7475022G	1.74699305G	1.74801138G	1.71G	1.755G	1.27	1	-
1747.5MHz_10°C	Pass	1.7475G	1.7475024G	1.74699318G	1.74801168G	1.71G	1.755G	1.39	1	-
1747.5MHz_20°C	Pass	1.7475G	1.7475022G	1.74699311G	1.7480113G	1.71G	1.755G	1.26	1	-
1747.5MHz_30°C	Pass	1.7475G	1.7475023G	1.74699317G	1.74801144G	1.71G	1.755G	1.32	1	-
1747.5MHz_40°C	Pass	1.7475G	1.7475024G	1.74699304G	1.7480118G	1.71G	1.755G	1.38	1	-
1747.5MHz_50°C	Pass	1.7475G	1.7475023G	1.74699311G	1.74801157G	1.71G	1.755G	1.34	1	-
1747.5MHz_126.5V	Pass	1.7475G	1.7475024G	1.74699309G	1.74801163G	1.71G	1.755G	1.35	1	-
1747.5MHz_93.5V	Pass	1.7475G	1.7475023G	1.74699307G	1.74801147G	1.71G	1.755G	1.30	1	-
LTE_15MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1717.5MHz_-30°C	Pass	1.7175G	1.7175023G	1.71699315G	1.71801136G	1.71G	1.755G	1.31	1	-
1717.5MHz_-20°C	Pass	1.7175G	1.7175022G	1.71699323G	1.71801121G	1.71G	1.755G	1.29	1	-
1717.5MHz_-10°C	Pass	1.7175G	1.7175024G	1.71699308G	1.71801174G	1.71G	1.755G	1.40	1	-
1717.5MHz_0°C	Pass	1.7175G	1.7175025G	1.71699315G	1.71801181G	1.71G	1.755G	1.44	1	-
1717.5MHz_10°C	Pass	1.7175G	1.7175024G	1.71699308G	1.71801177G	1.71G	1.755G	1.41	1	-
1717.5MHz_20°C	Pass	1.7175G	1.7175024G	1.71699307G	1.71801176G	1.71G	1.755G	1.40	1	-
1717.5MHz_30°C	Pass	1.7175G	1.7175022G	1.71699313G	1.71801124G	1.71G	1.755G	1.27	1	-
1717.5MHz_40°C	Pass	1.7175G	1.7175023G	1.71699305G	1.71801158G	1.71G	1.755G	1.35	1	-
1717.5MHz_50°C	Pass	1.7175G	1.7175023G	1.71699321G	1.71801144G	1.71G	1.755G	1.35	1	-
1717.5MHz_126.5V	Pass	1.7175G	1.7175022G	1.71699314G	1.71801128G	1.71G	1.755G	1.29	1	-
1717.5MHz_93.5V	Pass	1.7175G	1.7175022G	1.71699311G	1.71801136G	1.71G	1.755G	1.30	1	-
1747.5MHz_-30°C	Pass	1.7475G	1.7475024G	1.74699316G	1.7480117G	1.71G	1.755G	1.39	1	-
1747.5MHz_-20°C	Pass	1.7475G	1.7475024G	1.74699315G	1.74801167G	1.71G	1.755G	1.38	1	-
1747.5MHz_-10°C	Pass	1.7475G	1.7475025G	1.74699312G	1.7480118G	1.71G	1.755G	1.41	1	-
1747.5MHz_0°C	Pass	1.7475G	1.7475024G	1.74699313G	1.7480117G	1.71G	1.755G	1.38	1	-
1747.5MHz_10°C	Pass	1.7475G	1.7475023G	1.7469931G	1.74801145G	1.71G	1.755G	1.30	1	-
1747.5MHz_20°C	Pass	1.7475G	1.7475022G	1.74699304G	1.74801132G	1.71G	1.755G	1.25	1	-
1747.5MHz_30°C	Pass	1.7475G	1.7475025G	1.74699315G	1.74801184G	1.71G	1.755G	1.43	1	-
1747.5MHz_40°C	Pass	1.7475G	1.7475022G	1.74699316G	1.74801125G	1.71G	1.755G	1.26	1	-
1747.5MHz_50°C	Pass	1.7475G	1.7475023G	1.74699308G	1.7480115G	1.71G	1.755G	1.31	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
1747.5MHz_126.5V	Pass	1.7475G	1.7475024G	1.74699307G	1.74801169G	1.71G	1.755G	1.36	1	-
1747.5MHz_93.5V	Pass	1.7475G	1.7475023G	1.74699315G	1.74801148G	1.71G	1.755G	1.32	1	-
LTE_20MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-
1720MHz_-30°C	Pass	1.72G	1.7200022G	1.71948324G	1.7205211G	1.71G	1.755G	1.26	1	-
1720MHz_-20°C	Pass	1.72G	1.7200021G	1.71948322G	1.72052094G	1.71G	1.755G	1.21	1	-
1720MHz_-10°C	Pass	1.72G	1.7200021G	1.71948323G	1.72052097G	1.71G	1.755G	1.22	1	-
1720MHz_0°C	Pass	1.72G	1.720002G	1.71948308G	1.72052093G	1.71G	1.755G	1.16	1	-
1720MHz_10°C	Pass	1.72G	1.720002G	1.71948308G	1.72052085G	1.71G	1.755G	1.14	1	-
1720MHz_20°C	Pass	1.72G	1.720002G	1.71948304G	1.72052104G	1.71G	1.755G	1.18	1	-
1720MHz_30°C	Pass	1.72G	1.7200021G	1.71948319G	1.72052102G	1.71G	1.755G	1.22	1	-
1720MHz_40°C	Pass	1.72G	1.7200018G	1.71948305G	1.72052063G	1.71G	1.755G	1.07	1	-
1720MHz_50°C	Pass	1.72G	1.7200021G	1.71948322G	1.72052101G	1.71G	1.755G	1.23	1	-
1720MHz_126.5V	Pass	1.72G	1.720002G	1.71948319G	1.72052078G	1.71G	1.755G	1.15	1	-
1720MHz_93.5V	Pass	1.72G	1.720002G	1.71948306G	1.72052095G	1.71G	1.755G	1.16	1	-
1745MHz_-30°C	Pass	1.745G	1.7450026G	1.74447324G	1.74553191G	1.71G	1.755G	1.47	1	-
1745MHz_-20°C	Pass	1.745G	1.7450024G	1.74447307G	1.7455318G	1.71G	1.755G	1.39	1	-
1745MHz_-10°C	Pass	1.745G	1.7450024G	1.74447304G	1.74553171G	1.71G	1.755G	1.36	1	-
1745MHz_0°C	Pass	1.745G	1.7450024G	1.74447315G	1.74553173G	1.71G	1.755G	1.40	1	-
1745MHz_10°C	Pass	1.745G	1.7450023G	1.74447310G	1.74553159G	1.71G	1.755G	1.34	1	-
1745MHz_20°C	Pass	1.745G	1.7450022G	1.74447306G	1.74553140G	1.71G	1.755G	1.28	1	-
1745MHz_30°C	Pass	1.745G	1.7450023G	1.74447322G	1.74553135G	1.71G	1.755G	1.31	1	-
1745MHz_40°C	Pass	1.745G	1.7450025G	1.74447320G	1.74553187G	1.71G	1.755G	1.45	1	-
1745MHz_50°C	Pass	1.745G	1.7450022G	1.74447322G	1.74553121G	1.71G	1.755G	1.27	1	-
1745MHz_126.5V	Pass	1.745G	1.7450024G	1.74447307G	1.74553181G	1.71G	1.755G	1.40	1	-
1745MHz_93.5V	Pass	1.745G	1.7450023G	1.74447310G	1.7455315G	1.71G	1.755G	1.32	1	-
LTE_20MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
1720MHz_-30°C	Pass	1.72G	1.720002G	1.71948305G	1.72052101G	1.71G	1.755G	1.18	1	-
1720MHz_-20°C	Pass	1.72G	1.7200018G	1.71948313G	1.72052056G	1.71G	1.755G	1.07	1	-
1720MHz_-10°C	Pass	1.72G	1.7200019G	1.71948306G	1.72052075G	1.71G	1.755G	1.11	1	-
1720MHz_0°C	Pass	1.72G	1.7200018G	1.7194831G	1.7205206G	1.71G	1.755G	1.07	1	-
1720MHz_10°C	Pass	1.72G	1.720002G	1.71948319G	1.72052078G	1.71G	1.755G	1.15	1	-
1720MHz_20°C	Pass	1.72G	1.7200018G	1.71948307G	1.72052051G	1.71G	1.755G	1.04	1	-
1720MHz_30°C	Pass	1.72G	1.720002G	1.7194831G	1.72052094G	1.71G	1.755G	1.17	1	-
1720MHz_40°C	Pass	1.72G	1.720002G	1.71948321G	1.72052072G	1.71G	1.755G	1.14	1	-
1720MHz_50°C	Pass	1.72G	1.7200018G	1.71948304G	1.72052051G	1.71G	1.755G	1.03	1	-
1720MHz_126.5V	Pass	1.72G	1.7200021G	1.71948312G	1.72052103G	1.71G	1.755G	1.21	1	-
1720MHz_93.5V	Pass	1.72G	1.7200018G	1.71948316G	1.7205204G	1.71G	1.755G	1.03	1	-
1745MHz_-30°C	Pass	1.745G	1.7450026G	1.74449324G	1.74551191G	1.71G	1.755G	1.47	1	-



Frequency Stability Results

Appendix F.5

Mode	Result	Ch (Hz)	Center (Hz)	F _I (Hz)	F _H (Hz)	F _I Limit (Hz)	F _H Limit (Hz)	ppm	Port	Remark
1745MHz_-20°C	Pass	1.745G	1.7450022G	1.74449308G	1.74551132G	1.71G	1.755G	1.26	1	-
1745MHz_-10°C	Pass	1.745G	1.7450022G	1.74449314G	1.74551136G	1.71G	1.755G	1.29	1	-
1745MHz_0°C	Pass	1.745G	1.7450023	1.74449313G	1.74551146G	1.71G	1.755G	1.31	1	-
1745MHz_10°C	Pass	1.745G	1.7450025G	1.74449311G	1.74551181G	1.71G	1.755G	1.41	1	-
1745MHz_20°C	Pass	1.745G	1.7450023G	1.74449315G	1.74551155G	1.71G	1.755G	1.35	1	-
1745MHz_30°C	Pass	1.745G	1.7450023G	1.74449308G	1.7455115G	1.71G	1.755G	1.31	1	-
1745MHz_40°C	Pass	1.745G	1.7450025G	1.74449312G	1.74551186G	1.71G	1.755G	1.43	1	-
1745MHz_50°C	Pass	1.745G	1.7450022G	1.74449314G	1.74551121G	1.71G	1.755G	1.25	1	-
1745MHz_126.5V	Pass	1.745G	1.7450022G	1.7444931G	1.74551136G	1.71G	1.755G	1.28	1	-
1745MHz_93.5V	Pass	1.745G	1.7450022G	1.74449313G	1.74551132G	1.71G	1.755G	1.27	1	-



<Mode 6> EUT 2 + LTE Band 5 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	F1 Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port
Band 5	-	-	-	-	-	-	-	-	-	-
Band 5_LTE_1.4MHz_(16QAM)_1TX	Pass	836.5M	836.500559M	835.929063M	837.072055M	824M	849M	0.007	2.5	1



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
LTE_1.4MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.50152M	835.927431M	837.075608M	824M	849M	0.005	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.502328M	835.92622M	837.078436M	824M	849M	0.005	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.500317M	835.921544M	837.07909M	824M	849M	0.005	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.496193M	835.91771M	837.074615M	824M	849M	0.004	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.500469M	835.928949M	837.071988M	824M	849M	0.006	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.500335M	835.924421M	837.076249M	824M	849M	0.004	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.50016M	835.925339M	837.074981M	824M	849M	0.006	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.502833M	835.927248M	837.078418M	824M	849M	0.004	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.501158M	835.931799M	837.070517M	824M	849M	0.005	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.497746M	835.924173M	837.071319M	824M	849M	0.006	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.494215M	835.913469M	837.074961M	824M	849M	0.004	2.5	1	-
LTE_1.4MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.500559M	835.929063M	837.072055M	824M	849M	0.007	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.49849M	835.920663M	837.076317M	824M	849M	0.006	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.50086M	835.925826M	837.075893M	824M	849M	0.004	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.50077M	835.924039M	837.0775M	824M	849M	0.006	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.498711M	835.928373M	837.069049M	824M	849M	0.005	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.500359M	835.925581M	837.075137M	824M	849M	0.005	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.49685M	835.919838M	837.073861M	824M	849M	0.004	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.495888M	835.919669M	837.072107M	824M	849M	0.005	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.502245M	835.928206M	837.076285M	824M	849M	0.007	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.503896M	835.933064M	837.074728M	824M	849M	0.004	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.497793M	835.924006M	837.071581M	824M	849M	0.004	2.5	1	-
LTE_3MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.51055M	835.136958M	837.884141M	824M	849M	0.007	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.506452M	835.147562M	837.865343M	824M	849M	0.007	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.505331M	835.141877M	837.868784M	824M	849M	0.004	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.511519M	835.144565M	837.878474M	824M	849M	0.007	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.497622M	835.140847M	837.854397M	824M	849M	0.005	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.504129M	835.147158M	837.8611M	824M	849M	0.006	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.502546M	835.1373M	837.867792M	824M	849M	0.005	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.493159M	835.127621M	837.858696M	824M	849M	0.003	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.501556M	835.140402M	837.86271M	824M	849M	0.003	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.501895M	835.139309M	837.86446M	824M	849M	0.005	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.505287M	835.141007M	837.869567M	824M	849M	0.006	2.5	1	-
LTE_3MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.506955M	835.149391M	837.864519M	824M	849M	0.004	2.5	1	-



Frequency Stability Results

Appendix F.6

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
836.5MHz_-20°C	Pass	836.5M	836.507338M	835.144935M	837.869741M	824M	849M	0.005	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.500068M	835.144932M	837.855204M	824M	849M	0.004	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.505749M	835.134473M	837.877025M	824M	849M	0.005	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.50307M	835.141451M	837.864688M	824M	849M	0.006	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.503677M	835.141638M	837.865715M	824M	849M	0.007	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.505837M	835.140662M	837.871012M	824M	849M	0.006	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.502886M	835.145395M	837.860376M	824M	849M	0.003	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.512561M	835.150326M	837.874797M	824M	849M	0.004	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.51096M	835.147603M	837.874318M	824M	849M	0.005	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.502849M	835.136414M	837.869283M	824M	849M	0.005	2.5	1	-
LTE_5MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.508802M	834.266298M	838.751306M	824M	849M	0.005	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.490409M	834.247539M	838.733279M	824M	849M	0.004	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.491376M	834.261309M	838.721443M	824M	849M	0.004	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.511336M	834.268393M	838.754279M	824M	849M	0.004	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.508483M	834.249615M	838.767352M	824M	849M	0.004	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.492878M	834.240005M	838.745751M	824M	849M	0.003	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.507765M	834.255023M	838.760508M	824M	849M	0.003	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.496094M	834.249494M	838.742694M	824M	849M	0.005	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.504806M	834.269783M	838.739829M	824M	849M	0.004	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.496627M	834.242373M	838.750881M	824M	849M	0.005	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.495574M	834.256752M	838.734396M	824M	849M	0.004	2.5	1	-
LTE_5MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.50272M	834.259788M	838.745652M	824M	849M	0.005	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.498708M	834.257143M	838.740273M	824M	849M	0.004	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.500608M	834.259119M	838.742098M	824M	849M	0.005	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.505747M	834.252669M	838.758826M	824M	849M	0.003	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.499693M	834.255854M	838.743532M	824M	849M	0.006	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.500744M	834.250929M	838.750559M	824M	849M	0.005	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.49953M	834.265138M	838.733921M	824M	849M	0.003	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.508634M	834.253303M	838.763964M	824M	849M	0.003	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.497331M	834.252523M	838.74214M	824M	849M	0.003	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.50337M	834.253881M	838.75286M	824M	849M	0.003	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.503626M	834.256281M	838.75097M	824M	849M	0.003	2.5	1	-
LTE_10MHz_(OPSK)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.508766M	832.047659M	840.969873M	824M	849M	0.003	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.510444M	832.058352M	840.962535M	824M	849M	0.003	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.496275M	832.025844M	840.966707M	824M	849M	0.003	2.5	1	-



Frequency Stability Results

Appendix F.6

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port	Remark
836.5MHz_0°C	Pass	836.5M	836.518948M	832.061665M	840.976231M	824M	849M	0.003	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.511284M	832.06721M	840.955358M	824M	849M	0.004	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.497928M	832.044612M	840.951244M	824M	849M	0.005	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.506923M	832.029904M	840.983942M	824M	849M	0.004	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.504234M	832.046746M	840.961721M	824M	849M	0.004	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.479709M	832.02798M	840.931438M	824M	849M	0.003	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.499359M	832.039296M	840.959421M	824M	849M	0.003	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.503636M	832.043785M	840.963487M	824M	849M	0.003	2.5	1	-
LTE_10MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-	-
836.5MHz_-30°C	Pass	836.5M	836.501227M	832.038037M	840.964416M	824M	849M	0.005	2.5	1	-
836.5MHz_-20°C	Pass	836.5M	836.517039M	832.052399M	840.981679M	824M	849M	0.006	2.5	1	-
836.5MHz_-10°C	Pass	836.5M	836.514857M	832.055859M	840.973855M	824M	849M	0.003	2.5	1	-
836.5MHz_0°C	Pass	836.5M	836.512932M	832.051899M	840.973965M	824M	849M	0.003	2.5	1	-
836.5MHz_10°C	Pass	836.5M	836.50545M	832.038649M	840.97225M	824M	849M	0.004	2.5	1	-
836.5MHz_20°C	Pass	836.5M	836.509547M	832.033892M	840.985202M	824M	849M	0.004	2.5	1	-
836.5MHz_30°C	Pass	836.5M	836.494138M	832.040351M	840.947925M	824M	849M	0.005	2.5	1	-
836.5MHz_40°C	Pass	836.5M	836.51574M	832.057533M	840.973946M	824M	849M	0.005	2.5	1	-
836.5MHz_50°C	Pass	836.5M	836.517449M	832.053133M	840.981765M	824M	849M	0.004	2.5	1	-
836.5MHz_126.5V	Pass	836.5M	836.507434M	832.048209M	840.966658M	824M	849M	0.003	2.5	1	-
836.5MHz_93.5V	Pass	836.5M	836.509799M	832.054217M	840.96538M	824M	849M	0.003	2.5	1	-



<Mode 7> EUT 2 + LTE Band 12 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	F1 (Hz)	Fh (Hz)	F1 Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port
Band 12	-	-	-	-	-	-	-	-	-	-
LTE_3MHz_(QPSK)_1TX	Pass	700.5M	700.500913M	699.140533M	701.861292M	699M	716M	0.011	Inf	1



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_1.4MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
699.7MHz_-30°C	Pass	699.7M	699.696325M	699.11675M	700.275899M	699M	716M	0.003	1	-
699.7MHz_-20°C	Pass	699.7M	699.702968M	699.128409M	700.277528M	699M	716M	0.005	1	-
699.7MHz_-10°C	Pass	699.7M	699.69955M	699.125748M	700.273351M	699M	716M	0.005	1	-
699.7MHz_0°C	Pass	699.7M	699.694588M	699.11291M	700.276267M	699M	716M	0.005	1	-
699.7MHz_10°C	Pass	699.7M	699.696653M	699.122618M	700.270689M	699M	716M	0.005	1	-
699.7MHz_20°C	Pass	699.7M	699.697322M	699.121234M	700.27341M	699M	716M	0.005	1	-
699.7MHz_30°C	Pass	699.7M	699.697624M	699.121022M	700.274226M	699M	716M	0.003	1	-
699.7MHz_40°C	Pass	699.7M	699.697588M	699.117316M	700.277861M	699M	716M	0.003	1	-
699.7MHz_50°C	Pass	699.7M	699.694093M	699.117186M	700.271001M	699M	716M	0.005	1	-
699.7MHz_126.5V	Pass	699.7M	699.696409M	699.119013M	700.273805M	699M	716M	0.004	1	-
699.7MHz_93.5V	Pass	699.7M	699.696056M	699.121616M	700.270497M	699M	716M	0.007	1	-
715.3MHz_-30°C	Pass	715.3M	715.297254M	714.718005M	715.876503M	699M	716M	0.004	1	-
715.3MHz_-20°C	Pass	715.3M	715.303058M	714.732324M	715.873792M	699M	716M	0.004	1	-
715.3MHz_-10°C	Pass	715.3M	715.305041M	714.728165M	715.881917M	699M	716M	0.003	1	-
715.3MHz_0°C	Pass	715.3M	715.302835M	714.727137M	715.878533M	699M	716M	0.006	1	-
715.3MHz_10°C	Pass	715.3M	715.298833M	714.724942M	715.872724M	699M	716M	0.007	1	-
715.3MHz_20°C	Pass	715.3M	715.301872M	714.728414M	715.87533M	699M	716M	0.005	1	-
715.3MHz_30°C	Pass	715.3M	715.306398M	714.731107M	715.881688M	699M	716M	0.005	1	-
715.3MHz_40°C	Pass	715.3M	715.298671M	714.719683M	715.877659M	699M	716M	0.005	1	-
715.3MHz_50°C	Pass	715.3M	715.302799M	714.727941M	715.877657M	699M	716M	0.004	1	-
715.3MHz_126.5V	Pass	715.3M	715.298386M	714.724605M	715.872166M	699M	716M	0.005	1	-
715.3MHz_93.5V	Pass	715.3M	715.304461M	714.728624M	715.880299M	699M	716M	0.004	1	-
LTE_1.4MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
699.7MHz_-30°C	Pass	699.7M	699.694991M	699.122597M	700.267384M	699M	716M	0.005	1	-
699.7MHz_-20°C	Pass	699.7M	699.697831M	699.122924M	700.272738M	699M	716M	0.005	1	-
699.7MHz_-10°C	Pass	699.7M	699.696983M	699.119656M	700.27431M	699M	716M	0.004	1	-
699.7MHz_0°C	Pass	699.7M	699.699701M	699.12495M	700.274452M	699M	716M	0.006	1	-
699.7MHz_10°C	Pass	699.7M	699.699569M	699.124216M	700.274922M	699M	716M	0.006	1	-
699.7MHz_20°C	Pass	699.7M	699.697027M	699.119238M	700.274816M	699M	716M	0.004	1	-
699.7MHz_30°C	Pass	699.7M	699.707542M	699.127M	700.288084M	699M	716M	0.006	1	-
699.7MHz_40°C	Pass	699.7M	699.701992M	699.125761M	700.278222M	699M	716M	0.005	1	-
699.7MHz_50°C	Pass	699.7M	699.697828M	699.119137M	700.27652M	699M	716M	0.006	1	-
699.7MHz_126.5V	Pass	699.7M	699.696073M	699.114922M	700.277224M	699M	716M	0.005	1	-
699.7MHz_93.5V	Pass	699.7M	699.700098M	699.12444M	700.275755M	699M	716M	0.005	1	-
715.3MHz_-30°C	Pass	715.3M	715.294726M	714.71463M	715.874822M	699M	716M	0.004	1	-
715.3MHz_-20°C	Pass	715.3M	715.301791M	714.72875M	715.874833M	699M	716M	0.006	1	-
715.3MHz_-10°C	Pass	715.3M	715.299584M	714.723661M	715.875506M	699M	716M	0.005	1	-



Frequency Stability Results

Appendix F.7

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
715.3MHz_0°C	Pass	715.3M	715.301619M	714.72382M	715.879418M	699M	716M	0.004	1	-
715.3MHz_10°C	Pass	715.3M	715.303189M	714.72922M	715.877159M	699M	716M	0.003	1	-
715.3MHz_20°C	Pass	715.3M	715.298759M	714.724974M	715.872545M	699M	716M	0.004	1	-
715.3MHz_30°C	Pass	715.3M	715.298979M	714.721537M	715.876421M	699M	716M	0.007	1	-
715.3MHz_40°C	Pass	715.3M	715.3M	714.730635M	715.869366M	699M	716M	0.006	1	-
715.3MHz_50°C	Pass	715.3M	715.296854M	714.71898M	715.874727M	699M	716M	0.008	1	-
715.3MHz_126.5V	Pass	715.3M	715.301126M	714.728031M	715.874221M	699M	716M	0.005	1	-
715.3MHz_93.5V	Pass	715.3M	715.298611M	714.723779M	715.873443M	699M	716M	0.006	1	-
LTE_3MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
700.5MHz_-30°C	Pass	700.5M	700.495366M	699.136494M	701.854238M	699M	716M	0.009	1	-
700.5MHz_-20°C	Pass	700.5M	700.501295M	699.140966M	701.861623M	699M	716M	0.009	1	-
700.5MHz_-10°C	Pass	700.5M	700.500569M	699.139696M	701.861442M	699M	716M	0.008	1	-
700.5MHz_0°C	Pass	700.5M	700.514241M	699.144695M	701.883788M	699M	716M	0.009	1	-
700.5MHz_10°C	Pass	700.5M	700.508754M	699.1408M	701.876707M	699M	716M	0.01	1	-
700.5MHz_20°C	Pass	700.5M	700.503488M	699.135394M	701.871581M	699M	716M	0.009	1	-
700.5MHz_30°C	Pass	700.5M	700.499457M	699.140558M	701.858356M	699M	716M	0.009	1	-
700.5MHz_40°C	Pass	700.5M	700.496842M	699.134544M	701.85914M	699M	716M	0.009	1	-
700.5MHz_50°C	Pass	700.5M	700.500913M	699.140533M	701.861292M	699M	716M	0.011	1	-
700.5MHz_126.5V	Pass	700.5M	700.505449M	699.138702M	701.872197M	699M	716M	0.007	1	-
700.5MHz_93.5V	Pass	700.5M	700.502961M	699.141023M	701.864899M	699M	716M	0.009	1	-
714.5MHz_-30°C	Pass	714.5M	714.501173M	713.128704M	715.873641M	699M	716M	0.004	1	-
714.5MHz_-20°C	Pass	714.5M	714.50265M	713.141417M	715.863882M	699M	716M	0.004	1	-
714.5MHz_-10°C	Pass	714.5M	714.509003M	713.148095M	715.869912M	699M	716M	0.005	1	-
714.5MHz_0°C	Pass	714.5M	714.504578M	713.139581M	715.869576M	699M	716M	0.005	1	-
714.5MHz_10°C	Pass	714.5M	714.515017M	713.153944M	715.87609M	699M	716M	0.006	1	-
714.5MHz_20°C	Pass	714.5M	714.508211M	713.14954M	715.866882M	699M	716M	0.007	1	-
714.5MHz_30°C	Pass	714.5M	714.511919M	713.14286M	715.880979M	699M	716M	0.004	1	-
714.5MHz_40°C	Pass	714.5M	714.505893M	713.147128M	715.864658M	699M	716M	0.007	1	-
714.5MHz_50°C	Pass	714.5M	714.507608M	713.148714M	715.866502M	699M	716M	0.004	1	-
714.5MHz_126.5V	Pass	714.5M	714.508385M	713.147655M	715.869114M	699M	716M	0.007	1	-
714.5MHz_93.5V	Pass	714.5M	714.506985M	713.145785M	715.868185M	699M	716M	0.008	1	-
LTE_3MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
700.5MHz_-30°C	Pass	700.5M	700.505017M	699.151114M	701.85892M	699M	716M	0.009	1	-
700.5MHz_-20°C	Pass	700.5M	700.504834M	699.134707M	701.874961M	699M	716M	0.009	1	-
700.5MHz_-10°C	Pass	700.5M	700.500689M	699.140609M	701.86077M	699M	716M	0.01	1	-
700.5MHz_0°C	Pass	700.5M	700.507757M	699.147105M	701.86841M	699M	716M	0.011	1	-
700.5MHz_10°C	Pass	700.5M	700.501195M	699.142071M	701.86032M	699M	716M	0.009	1	-
700.5MHz_20°C	Pass	700.5M	700.497844M	699.135668M	701.860021M	699M	716M	0.01	1	-



Frequency Stability Results

Appendix F.7

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
700.5MHz_30°C	Pass	700.5M	700.508745M	699.143037M	701.874453M	699M	716M	0.009	1	-
700.5MHz_40°C	Pass	700.5M	700.499855M	699.143248M	701.856461M	699M	716M	0.009	1	-
700.5MHz_50°C	Pass	700.5M	700.505538M	699.132214M	701.878862M	699M	716M	0.009	1	-
700.5MHz_126.5V	Pass	700.5M	700.503194M	699.143915M	701.862474M	699M	716M	0.01	1	-
700.5MHz_93.5V	Pass	700.5M	700.498867M	699.137832M	701.859901M	699M	716M	0.005	1	-
714.5MHz_-30°C	Pass	714.5M	714.510067M	713.1497M	715.870434M	699M	716M	0.006	1	-
714.5MHz_-20°C	Pass	714.5M	714.501621M	713.146526M	715.856715M	699M	716M	0.006	1	-
714.5MHz_-10°C	Pass	714.5M	714.509573M	713.151186M	715.867959M	699M	716M	0.004	1	-
714.5MHz_0°C	Pass	714.5M	714.506939M	713.145883M	715.867996M	699M	716M	0.007	1	-
714.5MHz_10°C	Pass	714.5M	714.508448M	713.141562M	715.875334M	699M	716M	0.004	1	-
714.5MHz_20°C	Pass	714.5M	714.507131M	713.148713M	715.865549M	699M	716M	0.007	1	-
714.5MHz_30°C	Pass	714.5M	714.508545M	713.147381M	715.869709M	699M	716M	0.006	1	-
714.5MHz_40°C	Pass	714.5M	714.507814M	713.153093M	715.862536M	699M	716M	0.005	1	-
714.5MHz_50°C	Pass	714.5M	714.510547M	713.138835M	715.88226M	699M	716M	0.006	1	-
714.5MHz_126.5V	Pass	714.5M	714.507935M	713.144376M	715.871493M	699M	716M	0.006	1	-
714.5MHz_93.5V	Pass	714.5M	714.504967M	713.138145M	715.87179M	699M	716M	0.007	1	-
LTE_5MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
701.5MHz_-30°C	Pass	701.5M	701.508683M	699.265709M	703.751657M	699M	716M	0.004	1	-
701.5MHz_-20°C	Pass	701.5M	701.512395M	699.26044M	703.76435M	699M	716M	0.005	1	-
701.5MHz_-10°C	Pass	701.5M	701.505962M	699.251833M	703.760091M	699M	716M	0.003	1	-
701.5MHz_0°C	Pass	701.5M	701.498295M	699.245101M	703.751489M	699M	716M	0.006	1	-
701.5MHz_10°C	Pass	701.5M	701.498818M	699.255755M	703.741882M	699M	716M	0.007	1	-
701.5MHz_20°C	Pass	701.5M	701.507597M	699.265912M	703.749283M	699M	716M	0.004	1	-
701.5MHz_30°C	Pass	701.5M	701.503164M	699.256437M	703.749892M	699M	716M	0.004	1	-
701.5MHz_40°C	Pass	701.5M	701.500749M	699.256373M	703.745126M	699M	716M	0.004	1	-
701.5MHz_50°C	Pass	701.5M	701.505297M	699.252917M	703.757677M	699M	716M	0.005	1	-
701.5MHz_126.5V	Pass	701.5M	701.516214M	699.267778M	703.76465M	699M	716M	0.006	1	-
701.5MHz_93.5V	Pass	701.5M	701.497999M	699.262812M	703.733186M	699M	716M	0.005	1	-
713.5MHz_-30°C	Pass	713.5M	713.517844M	711.262129M	715.77356M	699M	716M	0.004	1	-
713.5MHz_-20°C	Pass	713.5M	713.49441M	711.241617M	715.747203M	699M	716M	0.005	1	-
713.5MHz_-10°C	Pass	713.5M	713.522392M	711.272418M	715.772367M	699M	716M	0.007	1	-
713.5MHz_0°C	Pass	713.5M	713.502184M	711.259442M	715.744926M	699M	716M	0.003	1	-
713.5MHz_10°C	Pass	713.5M	713.505903M	711.260464M	715.751341M	699M	716M	0.006	1	-
713.5MHz_20°C	Pass	713.5M	713.497752M	711.247582M	715.747922M	699M	716M	0.007	1	-
713.5MHz_30°C	Pass	713.5M	713.493345M	711.254894M	715.731796M	699M	716M	0.003	1	-
713.5MHz_40°C	Pass	713.5M	713.49958M	711.254723M	715.744438M	699M	716M	0.005	1	-
713.5MHz_50°C	Pass	713.5M	713.504026M	711.246257M	715.761795M	699M	716M	0.007	1	-
713.5MHz_126.5V	Pass	713.5M	713.498193M	711.249236M	715.747149M	699M	716M	0.004	1	-



Frequency Stability Results

Appendix F.7

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
713.5MHz_93.5V	Pass	713.5M	713.500909M	711.256101M	715.745718M	699M	716M	0.004	1	-
LTE_5MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
701.5MHz_-30°C	Pass	701.5M	701.516221M	699.27315M	703.759292M	699M	716M	0.007	1	-
701.5MHz_-20°C	Pass	701.5M	701.504665M	699.246491M	703.762839M	699M	716M	0.003	1	-
701.5MHz_-10°C	Pass	701.5M	701.508858M	699.266255M	703.751462M	699M	716M	0.004	1	-
701.5MHz_0°C	Pass	701.5M	701.500952M	699.256167M	703.745737M	699M	716M	0.007	1	-
701.5MHz_10°C	Pass	701.5M	701.509308M	699.265485M	703.753131M	699M	716M	0.005	1	-
701.5MHz_20°C	Pass	701.5M	701.503243M	699.253735M	703.75275M	699M	716M	0.006	1	-
701.5MHz_30°C	Pass	701.5M	701.504082M	699.253613M	703.754552M	699M	716M	0.006	1	-
701.5MHz_40°C	Pass	701.5M	701.499287M	699.238603M	703.759972M	699M	716M	0.006	1	-
701.5MHz_50°C	Pass	701.5M	701.512825M	699.264964M	703.760685M	699M	716M	0.003	1	-
701.5MHz_126.5V	Pass	701.5M	701.506666M	699.247139M	703.766194M	699M	716M	0.004	1	-
701.5MHz_93.5V	Pass	701.5M	701.517237M	699.269768M	703.764707M	699M	716M	0.007	1	-
713.5MHz_-30°C	Pass	713.5M	713.516865M	711.27444M	715.759289M	699M	716M	0.007	1	-
713.5MHz_-20°C	Pass	713.5M	713.499193M	711.239044M	715.759342M	699M	716M	0.005	1	-
713.5MHz_-10°C	Pass	713.5M	713.503762M	711.273759M	715.733766M	699M	716M	0.003	1	-
713.5MHz_0°C	Pass	713.5M	713.501079M	711.251117M	715.751042M	699M	716M	0.004	1	-
713.5MHz_10°C	Pass	713.5M	713.509903M	711.267976M	715.751831M	699M	716M	0.005	1	-
713.5MHz_20°C	Pass	713.5M	713.505972M	711.245799M	715.766145M	699M	716M	0.006	1	-
713.5MHz_30°C	Pass	713.5M	713.496464M	711.263705M	715.729223M	699M	716M	0.006	1	-
713.5MHz_40°C	Pass	713.5M	713.499121M	711.256974M	715.741268M	699M	716M	0.004	1	-
713.5MHz_50°C	Pass	713.5M	713.500281M	711.254366M	715.746197M	699M	716M	0.005	1	-
713.5MHz_126.5V	Pass	713.5M	713.502454M	711.251629M	715.753278M	699M	716M	0.005	1	-
713.5MHz_93.5V	Pass	713.5M	713.512098M	711.261728M	715.762469M	699M	716M	0.005	1	-
LTE_10MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
704MHz_-30°C	Pass	704M	704.025411M	699.554766M	708.496056M	699M	716M	0.005	1	-
704MHz_-20°C	Pass	704M	704.020146M	699.553541M	708.486752M	699M	716M	0.005	1	-
704MHz_-10°C	Pass	704M	704.02052M	699.55565M	708.485391M	699M	716M	0.006	1	-
704MHz_0°C	Pass	704M	704.02445M	699.551578M	708.497322M	699M	716M	0.004	1	-
704MHz_10°C	Pass	704M	704.028135M	699.542928M	708.513341M	699M	716M	0.004	1	-
704MHz_20°C	Pass	704M	704.025245M	699.560996M	708.489494M	699M	716M	0.004	1	-
704MHz_30°C	Pass	704M	704.013302M	699.540307M	708.486296M	699M	716M	0.005	1	-
704MHz_40°C	Pass	704M	704.01769M	699.552918M	708.482462M	699M	716M	0.003	1	-
704MHz_50°C	Pass	704M	704.010016M	699.533044M	708.486987M	699M	716M	0.007	1	-
704MHz_126.5V	Pass	704M	704.015935M	699.559258M	708.472611M	699M	716M	0.005	1	-
704MHz_93.5V	Pass	704M	704.012217M	699.5502M	708.474234M	699M	716M	0.006	1	-
711MHz_-30°C	Pass	711M	710.994251M	706.547185M	715.441316M	699M	716M	0.005	1	-
711MHz_-20°C	Pass	711M	711.002037M	706.547909M	715.456165M	699M	716M	0.005	1	-



Frequency Stability Results

Appendix F.7

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
711MHz_-10°C	Pass	711M	711.005995M	706.555174M	715.456817M	699M	716M	0.004	1	-
711MHz_0°C	Pass	711M	710.998939M	706.533991M	715.463887M	699M	716M	0.005	1	-
711MHz_10°C	Pass	711M	711.01526M	706.555022M	715.475498M	699M	716M	0.004	1	-
711MHz_20°C	Pass	711M	711.010233M	706.563951M	715.456516M	699M	716M	0.003	1	-
711MHz_30°C	Pass	711M	711.009385M	706.544806M	715.473964M	699M	716M	0.003	1	-
711MHz_40°C	Pass	711M	711.010269M	706.559221M	715.461316M	699M	716M	0.008	1	-
711MHz_50°C	Pass	711M	710.989371M	706.536397M	715.442345M	699M	716M	0.004	1	-
711MHz_126.5V	Pass	711M	711.024768M	706.575211M	715.474324M	699M	716M	0.007	1	-
711MHz_93.5V	Pass	711M	710.987831M	706.540809M	715.434853M	699M	716M	0.006	1	-
LTE_10MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
704MHz_-30°C	Pass	704M	704.016707M	699.55853M	708.474884M	699M	716M	0.005	1	-
704MHz_-20°C	Pass	704M	704.006036M	699.564348M	708.447724M	699M	716M	0.003	1	-
704MHz_-10°C	Pass	704M	704.01638M	699.551798M	708.480963M	699M	716M	0.005	1	-
704MHz_0°C	Pass	704M	704.016151M	699.531452M	708.50085M	699M	716M	0.006	1	-
704MHz_10°C	Pass	704M	704.016972M	699.558561M	708.475383M	699M	716M	0.008	1	-
704MHz_20°C	Pass	704M	704.006216M	699.52443M	708.488001M	699M	716M	0.005	1	-
704MHz_30°C	Pass	704M	704.017269M	699.560394M	708.474144M	699M	716M	0.006	1	-
704MHz_40°C	Pass	704M	704.019202M	699.555853M	708.482552M	699M	716M	0.004	1	-
704MHz_50°C	Pass	704M	704.016172M	699.552222M	708.480122M	699M	716M	0.007	1	-
704MHz_126.5V	Pass	704M	704.0224M	699.548956M	708.495843M	699M	716M	0.004	1	-
704MHz_93.5V	Pass	704M	704.030397M	699.561825M	708.498968M	699M	716M	0.004	1	-
711MHz_-30°C	Pass	711M	710.999166M	706.540439M	715.457893M	699M	716M	0.006	1	-
711MHz_-20°C	Pass	711M	711.012944M	706.541808M	715.48408M	699M	716M	0.004	1	-
711MHz_-10°C	Pass	711M	710.999661M	706.533524M	715.465798M	699M	716M	0.007	1	-
711MHz_0°C	Pass	711M	711.01647M	706.569274M	715.463667M	699M	716M	0.007	1	-
711MHz_10°C	Pass	711M	711.007364M	706.564172M	715.450557M	699M	716M	0.006	1	-
711MHz_20°C	Pass	711M	710.995044M	706.540903M	715.449185M	699M	716M	0.007	1	-
711MHz_30°C	Pass	711M	710.995893M	706.527203M	715.464582M	699M	716M	0.006	1	-
711MHz_40°C	Pass	711M	710.99398M	706.537092M	715.450868M	699M	716M	0.005	1	-
711MHz_50°C	Pass	711M	711.016197M	706.552139M	715.480255M	699M	716M	0.005	1	-
711MHz_126.5V	Pass	711M	711.001468M	706.533639M	715.469298M	699M	716M	0.004	1	-
711MHz_93.5V	Pass	711M	711.004287M	706.526001M	715.482573M	699M	716M	0.004	1	-



<Mode 8> EUT 2 + LTE Band 13 Link

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Limit (ppm)	Port
Band 13	-	-	-	-	-	-	-	-	-	-
LTE_5MHz_(OPSK)_1TX	Pass	779.5M	779.527872M	777.278607M	781.777137M	777M	787M	0.008	Inf	1



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_5MHz_(QPSK)_1TX	-	-	-	-	-	-	-	-	-	-
779.5MHz_-30°C	Pass	779.5M	779.509182M	777.272295M	781.746068M	777M	787M	0.005	1	-
779.5MHz_-20°C	Pass	779.5M	779.51734M	777.258266M	781.776414M	777M	787M	0.007	1	-
779.5MHz_-10°C	Pass	779.5M	779.513794M	777.280715M	781.746873M	777M	787M	0.005	1	-
779.5MHz_0°C	Pass	779.5M	779.517693M	777.268808M	781.766578M	777M	787M	0.006	1	-
779.5MHz_10°C	Pass	779.5M	779.516427M	777.285397M	781.747457M	777M	787M	0.007	1	-
779.5MHz_20°C	Pass	779.5M	779.527872M	777.278607M	781.777137M	777M	787M	0.008	1	-
779.5MHz_30°C	Pass	779.5M	779.512891M	777.280195M	781.745586M	777M	787M	0.006	1	-
779.5MHz_40°C	Pass	779.5M	779.513755M	777.282125M	781.745385M	777M	787M	0.004	1	-
779.5MHz_50°C	Pass	779.5M	779.519661M	777.285362M	781.75396M	777M	787M	0.004	1	-
779.5MHz_126.5V	Pass	779.5M	779.520753M	777.285624M	781.755882M	777M	787M	0.006	1	-
779.5MHz_93.5V	Pass	779.5M	779.54062M	777.311011M	781.77023M	777M	787M	0.006	1	-
784.5MHz_-30°C	Pass	784.5M	784.514399M	782.269609M	786.759188M	777M	787M	0.007	1	-
784.5MHz_-20°C	Pass	784.5M	784.495996M	782.249903M	786.742089M	777M	787M	0.006	1	-
784.5MHz_-10°C	Pass	784.5M	784.528012M	782.282717M	786.773307M	777M	787M	0.005	1	-
784.5MHz_0°C	Pass	784.5M	784.494951M	782.255416M	786.734486M	777M	787M	0.006	1	-
784.5MHz_10°C	Pass	784.5M	784.520886M	782.270693M	786.771079M	777M	787M	0.006	1	-
784.5MHz_20°C	Pass	784.5M	784.509331M	782.261872M	786.75679M	777M	787M	0.005	1	-
784.5MHz_30°C	Pass	784.5M	784.502571M	782.267849M	786.737293M	777M	787M	0.005	1	-
784.5MHz_40°C	Pass	784.5M	784.509473M	782.264795M	786.754151M	777M	787M	0.006	1	-
784.5MHz_50°C	Pass	784.5M	784.508149M	782.265619M	786.75068M	777M	787M	0.007	1	-
784.5MHz_126.5V	Pass	784.5M	784.503701M	782.269665M	786.737736M	777M	787M	0.008	1	-
784.5MHz_93.5V	Pass	784.5M	784.511011M	782.272557M	786.749464M	777M	787M	0.005	1	-
LTE_5MHz_(16QAM)_1TX	-	-	-	-	-	-	-	-	-	-
779.5MHz_-30°C	Pass	779.5M	779.514055M	777.27887M	781.74924M	777M	787M	0.007	1	-
779.5MHz_-20°C	Pass	779.5M	779.507389M	777.274089M	781.740689M	777M	787M	0.005	1	-
779.5MHz_-10°C	Pass	779.5M	779.52341M	777.282165M	781.764655M	777M	787M	0.003	1	-
779.5MHz_0°C	Pass	779.5M	779.518946M	777.280004M	781.757887M	777M	787M	0.007	1	-
779.5MHz_10°C	Pass	779.5M	779.51633M	777.28947M	781.743191M	777M	787M	0.007	1	-
779.5MHz_20°C	Pass	779.5M	779.512182M	777.276738M	781.747626M	777M	787M	0.008	1	-
779.5MHz_30°C	Pass	779.5M	779.510342M	777.270397M	781.750287M	777M	787M	0.005	1	-
779.5MHz_40°C	Pass	779.5M	779.511189M	777.274528M	781.747849M	777M	787M	0.008	1	-
779.5MHz_50°C	Pass	779.5M	779.518735M	777.275154M	781.762315M	777M	787M	0.003	1	-
779.5MHz_126.5V	Pass	779.5M	779.521397M	777.288575M	781.754219M	777M	787M	0.005	1	-
779.5MHz_93.5V	Pass	779.5M	779.527374M	777.281582M	781.773166M	777M	787M	0.005	1	-
784.5MHz_-30°C	Pass	784.5M	784.502203M	782.261854M	786.742553M	777M	787M	0.005	1	-
784.5MHz_-20°C	Pass	784.5M	784.502833M	782.257106M	786.74856M	777M	787M	0.006	1	-
784.5MHz_-10°C	Pass	784.5M	784.506739M	782.255306M	786.758172M	777M	787M	0.006	1	-



Frequency Stability Results

Appendix F.8

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
784.5MHz_0°C	Pass	784.5M	784.519458M	782.266964M	786.771951M	777M	787M	0.005	1	-
784.5MHz_10°C	Pass	784.5M	784.512496M	782.269527M	786.755465M	777M	787M	0.004	1	-
784.5MHz_20°C	Pass	784.5M	784.503371M	782.270011M	786.73673M	777M	787M	0.004	1	-
784.5MHz_30°C	Pass	784.5M	784.506563M	782.263695M	786.749432M	777M	787M	0.004	1	-
784.5MHz_40°C	Pass	784.5M	784.507472M	782.260607M	786.754338M	777M	787M	0.004	1	-
784.5MHz_50°C	Pass	784.5M	784.508384M	782.260958M	786.755809M	777M	787M	0.005	1	-
784.5MHz_126.5V	Pass	784.5M	784.517328M	782.270356M	786.764301M	777M	787M	0.004	1	-
784.5MHz_93.5V	Pass	784.5M	784.511591M	782.269779M	786.753403M	777M	787M	0.005	1	-