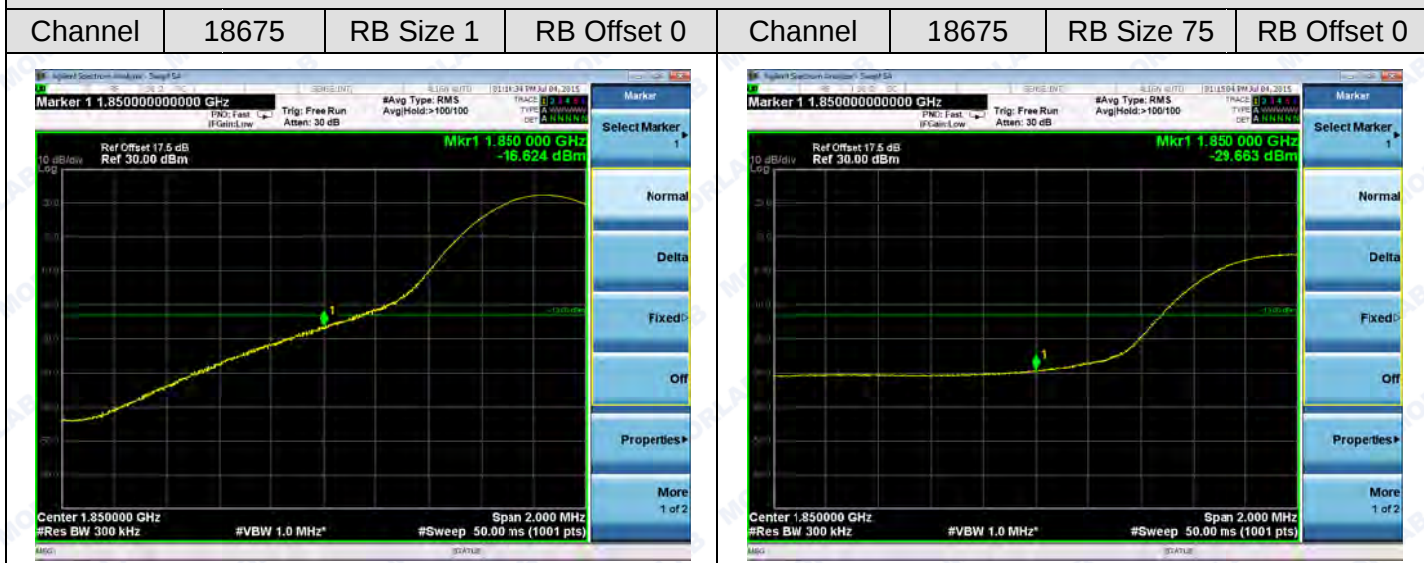




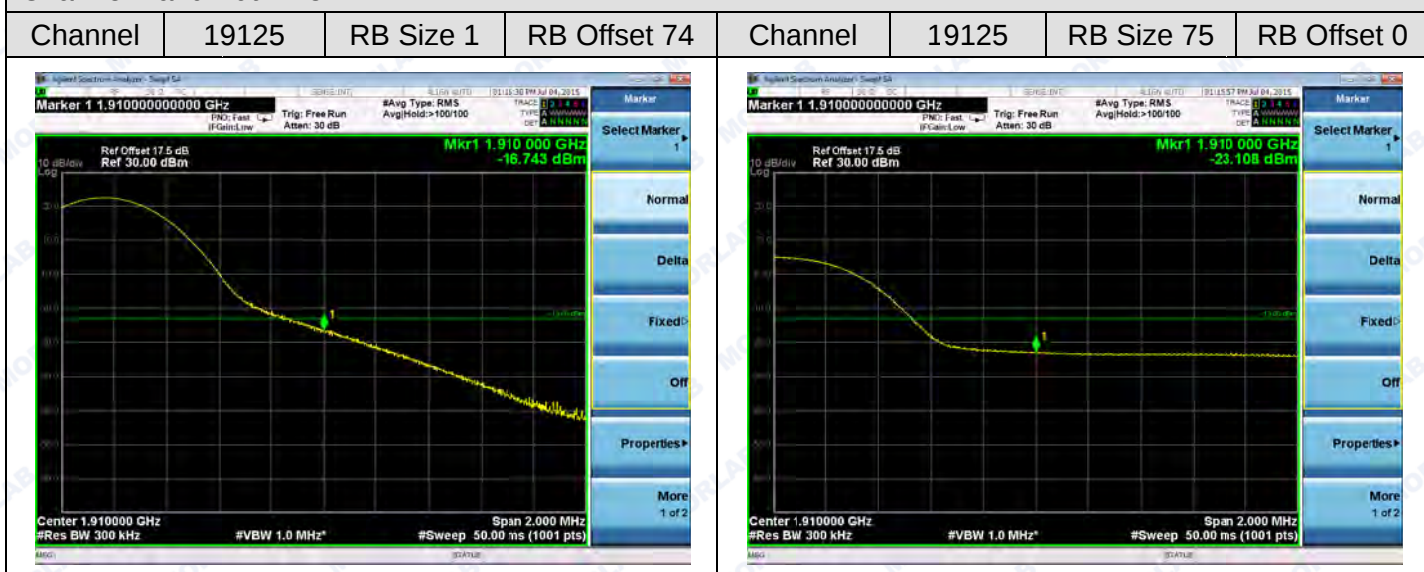
REPORT No.: SZ15060079W02

LTE Band 2

Channel Bandwidth: 15MHz



Channel Bandwidth: 15MHz

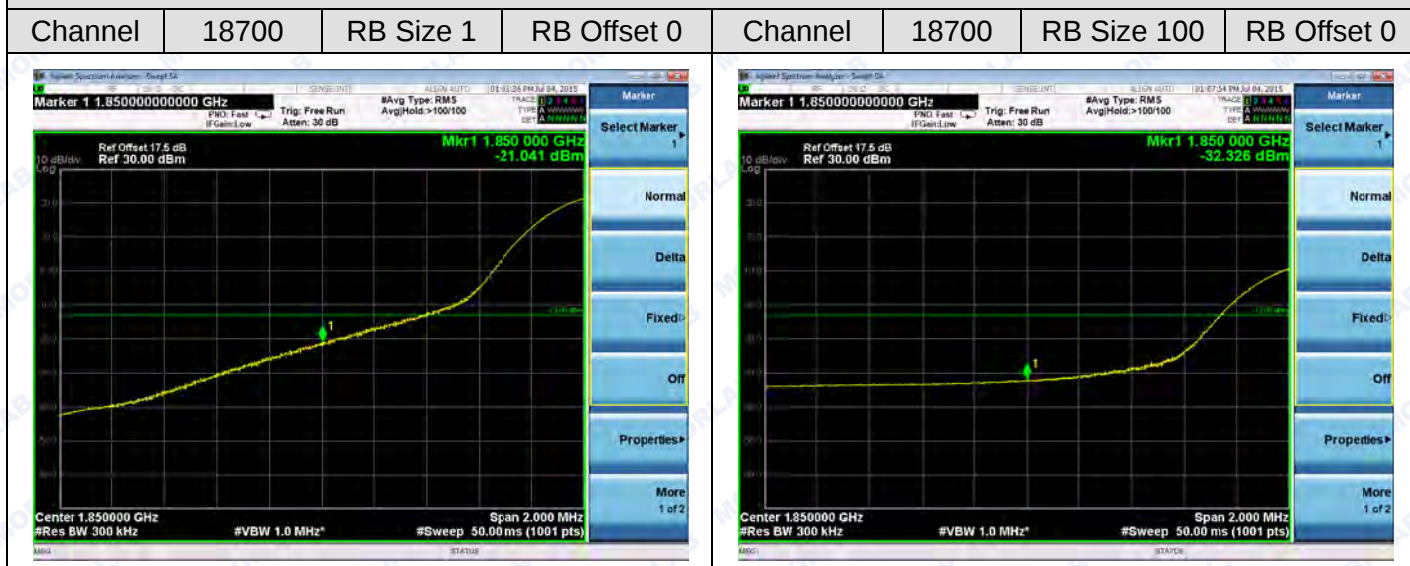




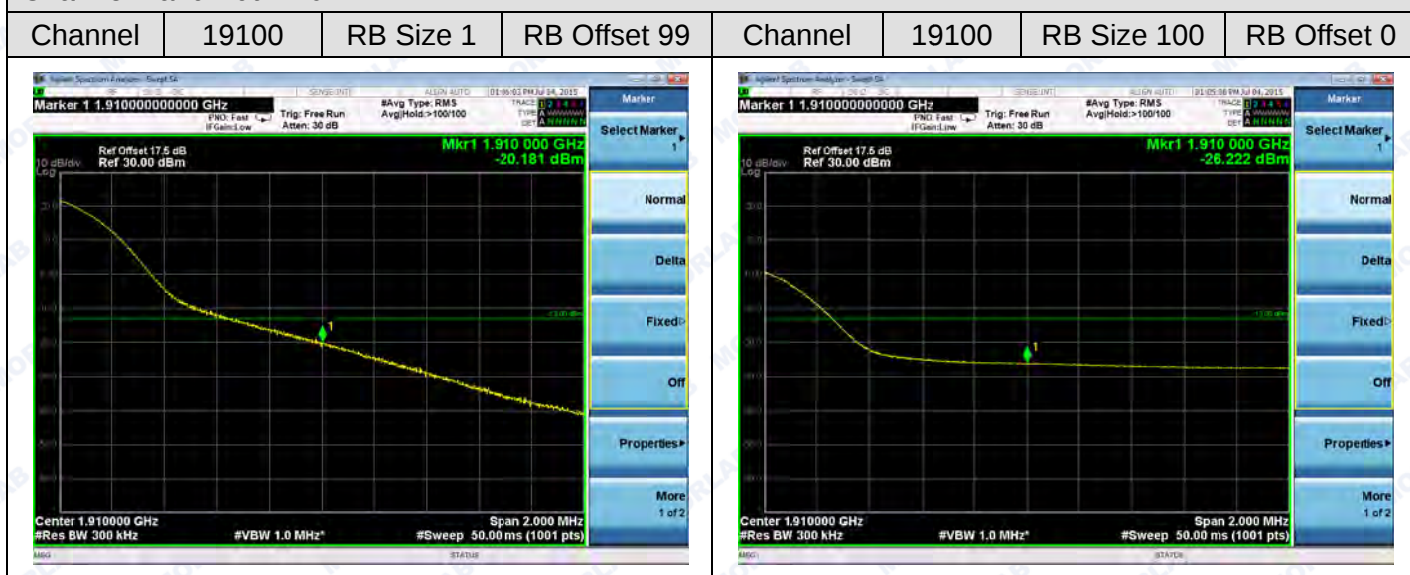
REPORT No.: SZ15060079W02

LTE Band 2

Channel Bandwidth: 20MHz



Channel Bandwidth: 20MHz





REPORT No.: SZ15060079W02

LTE Band 4

Channel Bandwidth: 1.4MHz

Channel	19957	RB Size 1	RB Offset 0	Channel	20393	RB Size 6	RB Offset 0
---------	-------	-----------	-------------	---------	-------	-----------	-------------



Channel Bandwidth: 1.4MHz

Channel	19957	RB Size 1	RB Offset 5	Channel	20393	RB Size 6	RB Offset 0
---------	-------	-----------	-------------	---------	-------	-----------	-------------





REPORT No.: SZ15060079W02

LTE Band 4

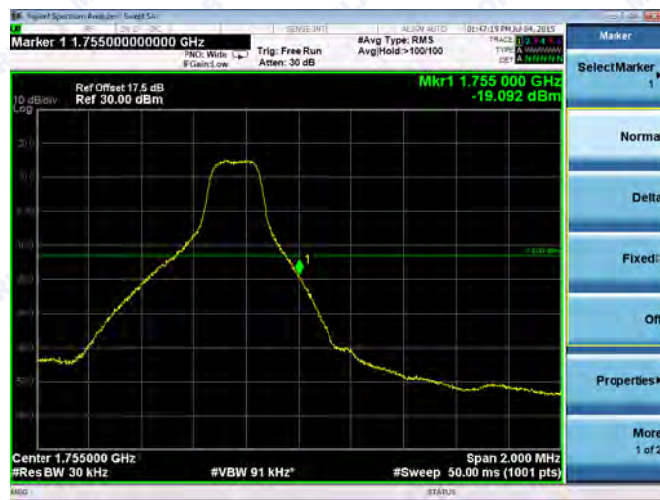
Channel Bandwidth: 3MHz

Channel	19965	RB Size 1	RB Offset 0	Channel	20385	RB Size 15	RB Offset 0
---------	-------	-----------	-------------	---------	-------	------------	-------------



Channel Bandwidth: 3MHz

Channel	19965	RB Size 1	RB Offset 14	Channel	20385	RB Size 15	RB Offset 0
---------	-------	-----------	--------------	---------	-------	------------	-------------





REPORT No.: SZ15060079W02

LTE Band 4

Channel Bandwidth: 5MHz

Channel	19975	RB Size 1	RB Offset 0	Channel	20375	RB Size 25	RB Offset 0
---------	-------	-----------	-------------	---------	-------	------------	-------------



Channel Bandwidth: 5MHz

Channel	19975	RB Size 1	RB Offset 24	Channel	20375	RB Size 25	RB Offset 0
---------	-------	-----------	--------------	---------	-------	------------	-------------





REPORT No.: SZ15060079W02

LTE Band 4

Channel Bandwidth: 10MHz

Channel	20000	RB Size 1	RB Offset 0	Channel	20350	RB Size 50	RB Offset 0
---------	-------	-----------	-------------	---------	-------	------------	-------------



Channel Bandwidth: 10MHz

Channel	20000	RB Size 1	RB Offset 49	Channel	20350	RB Size 50	RB Offset 0
---------	-------	-----------	--------------	---------	-------	------------	-------------





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LTE Band 4

Channel Bandwidth: 15MHz

Channel	20025	RB Size 1	RB Offset 0	Channel	20325	RB Size 75	RB Offset 0
---------	-------	-----------	-------------	---------	-------	------------	-------------



Channel Bandwidth: 15MHz

Channel	20025	RB Size 1	RB Offset 74	Channel	20325	RB Size 75	RB Offset 0
---------	-------	-----------	--------------	---------	-------	------------	-------------



MORLAB GROUP

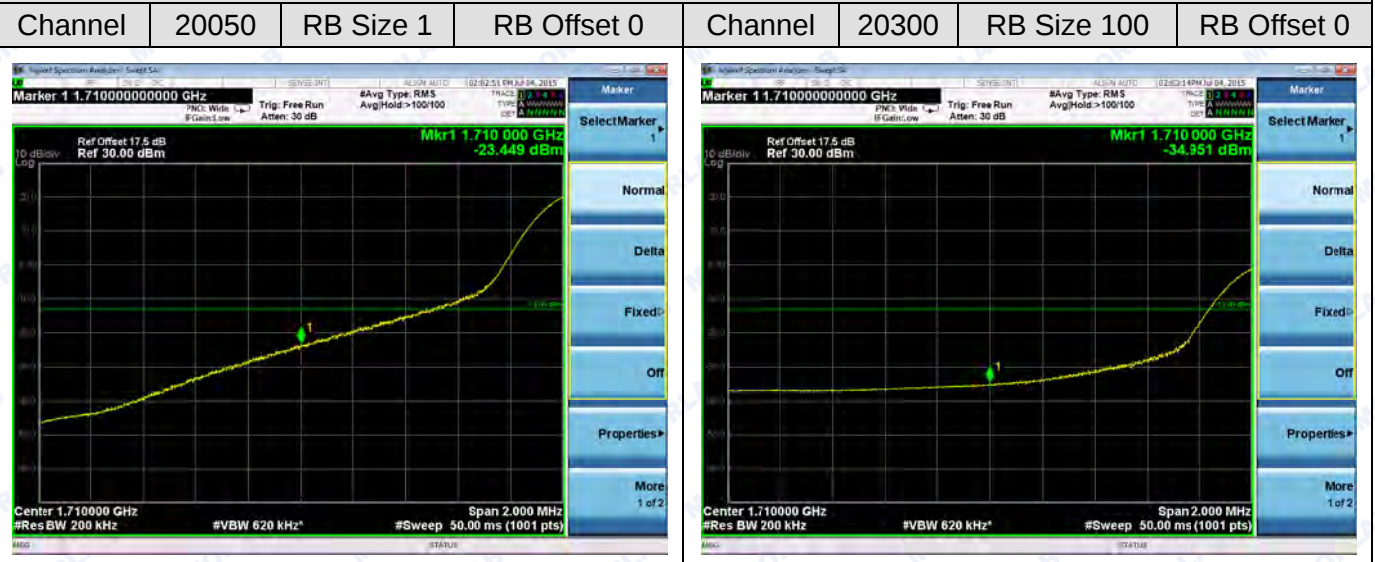
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555
Http://www.morlab.comFax: 86-755-36698525
E-mail: service@morlab.cn



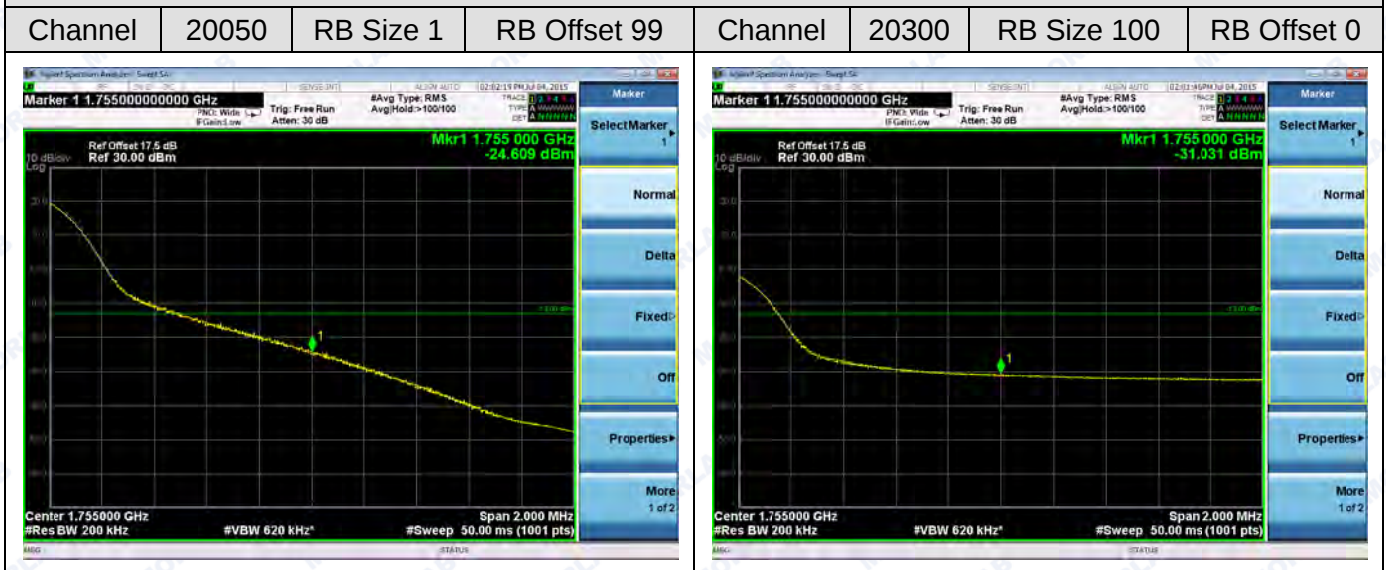
REPORT No.: SZ15060079W02

LTE Band 4

Channel Bandwidth: 20MHz

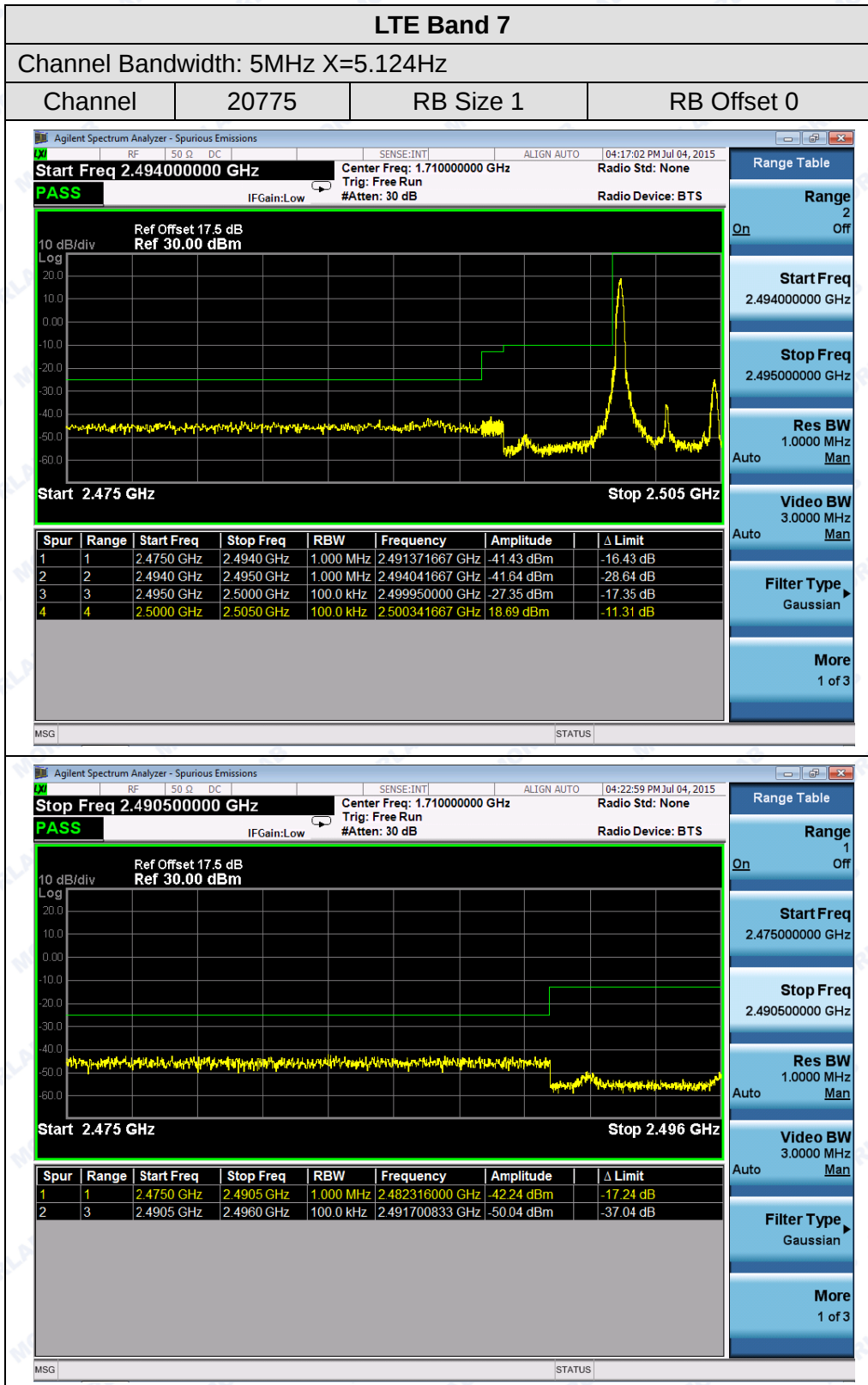


Channel Bandwidth: 20MHz



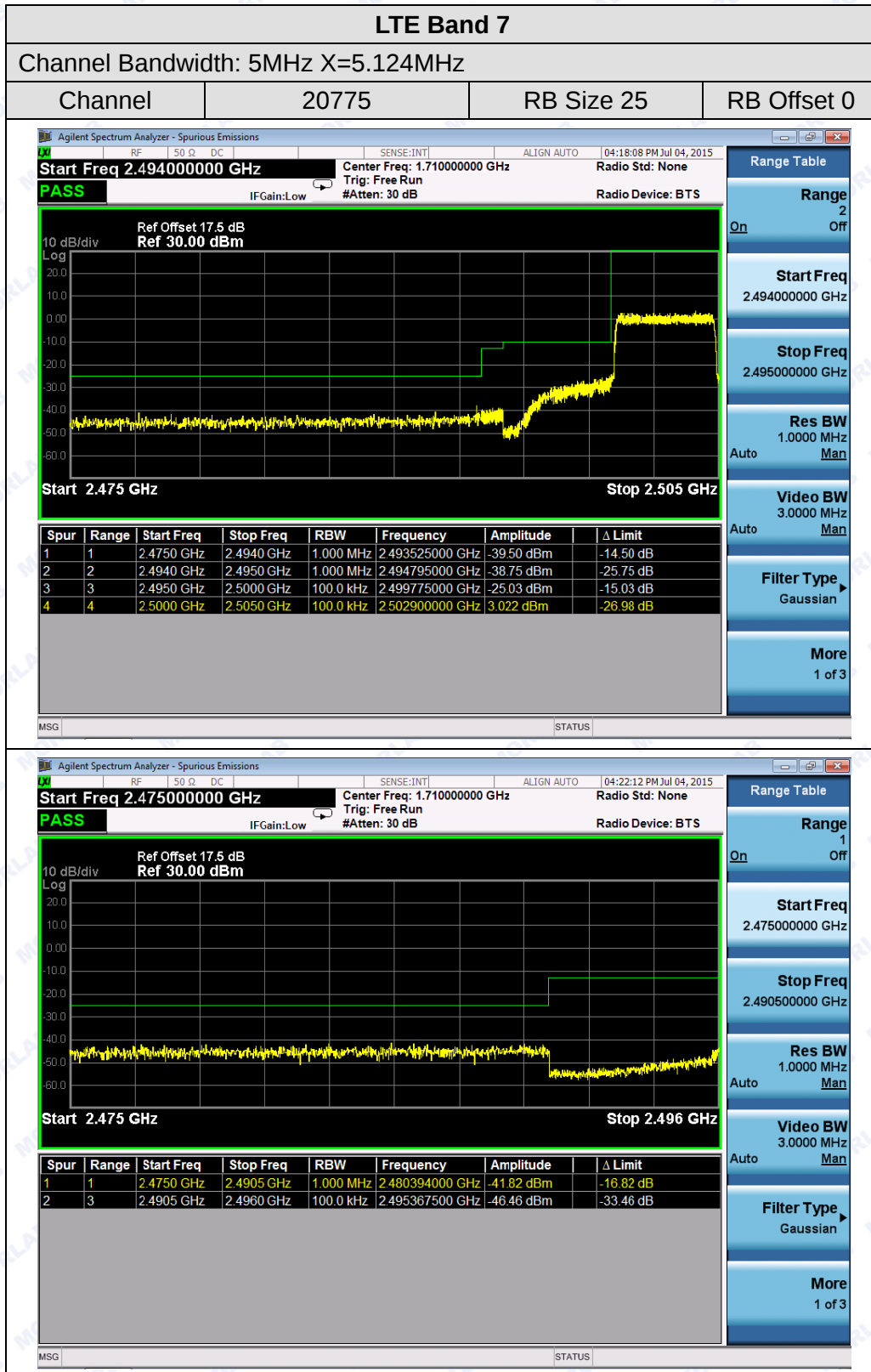


REPORT No.: SZ15060079W02



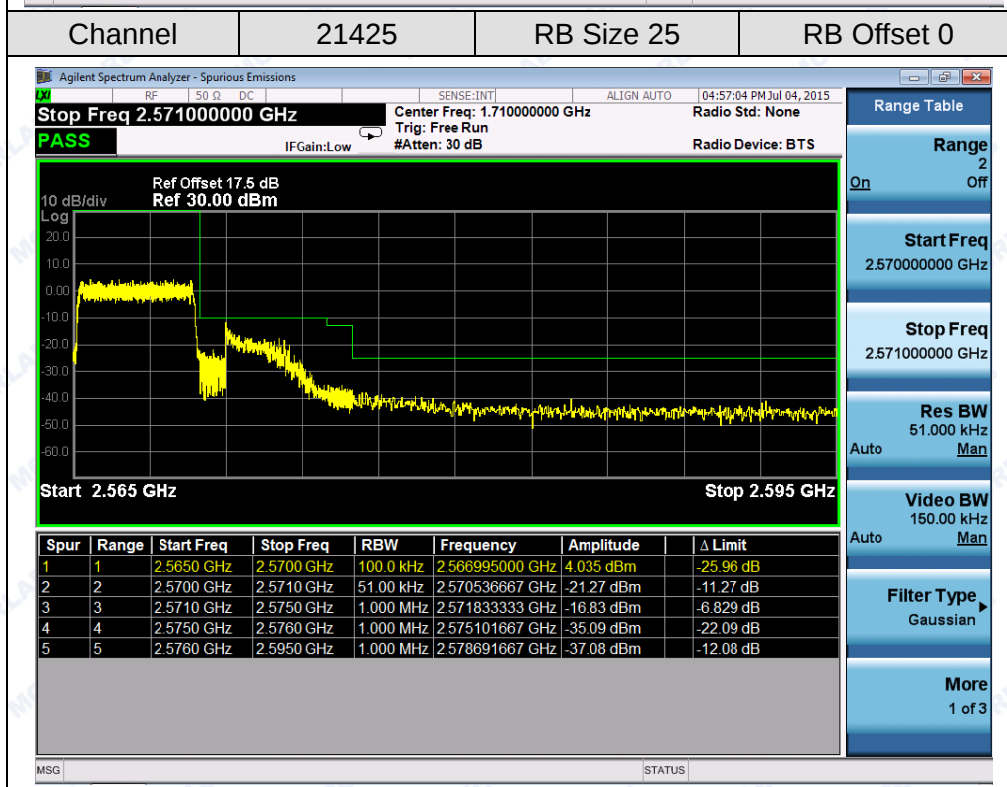
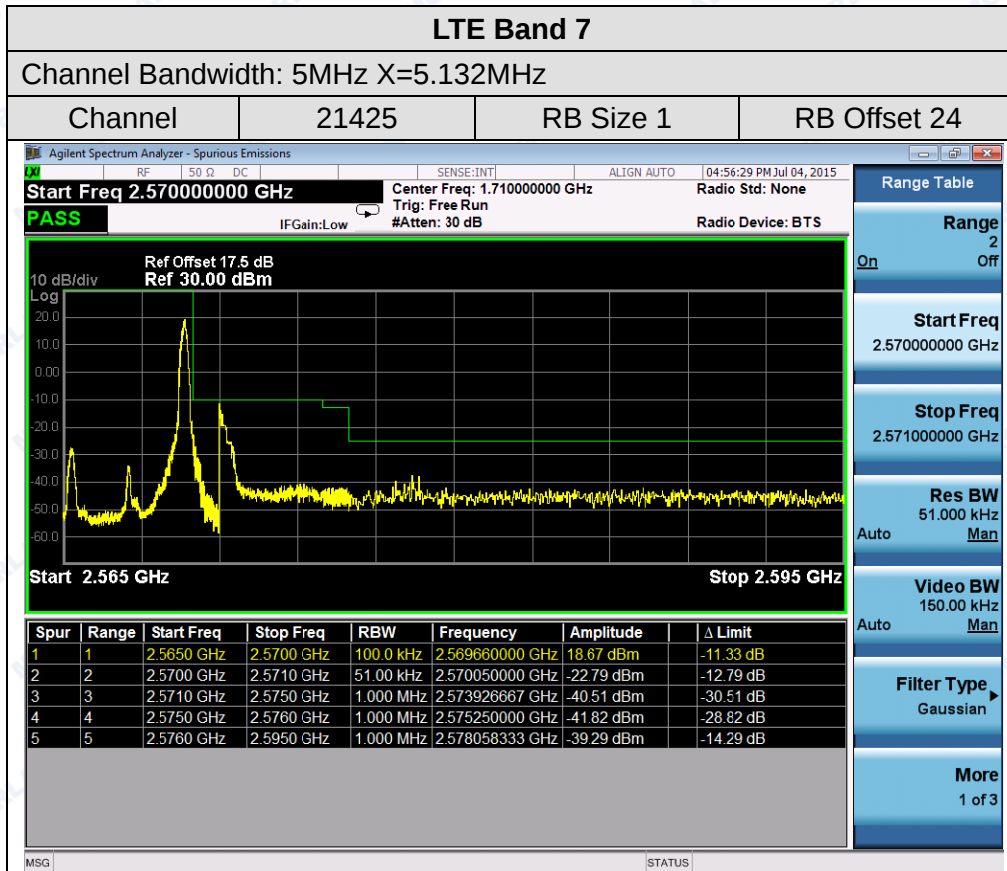


REPORT No.: SZ15060079W02



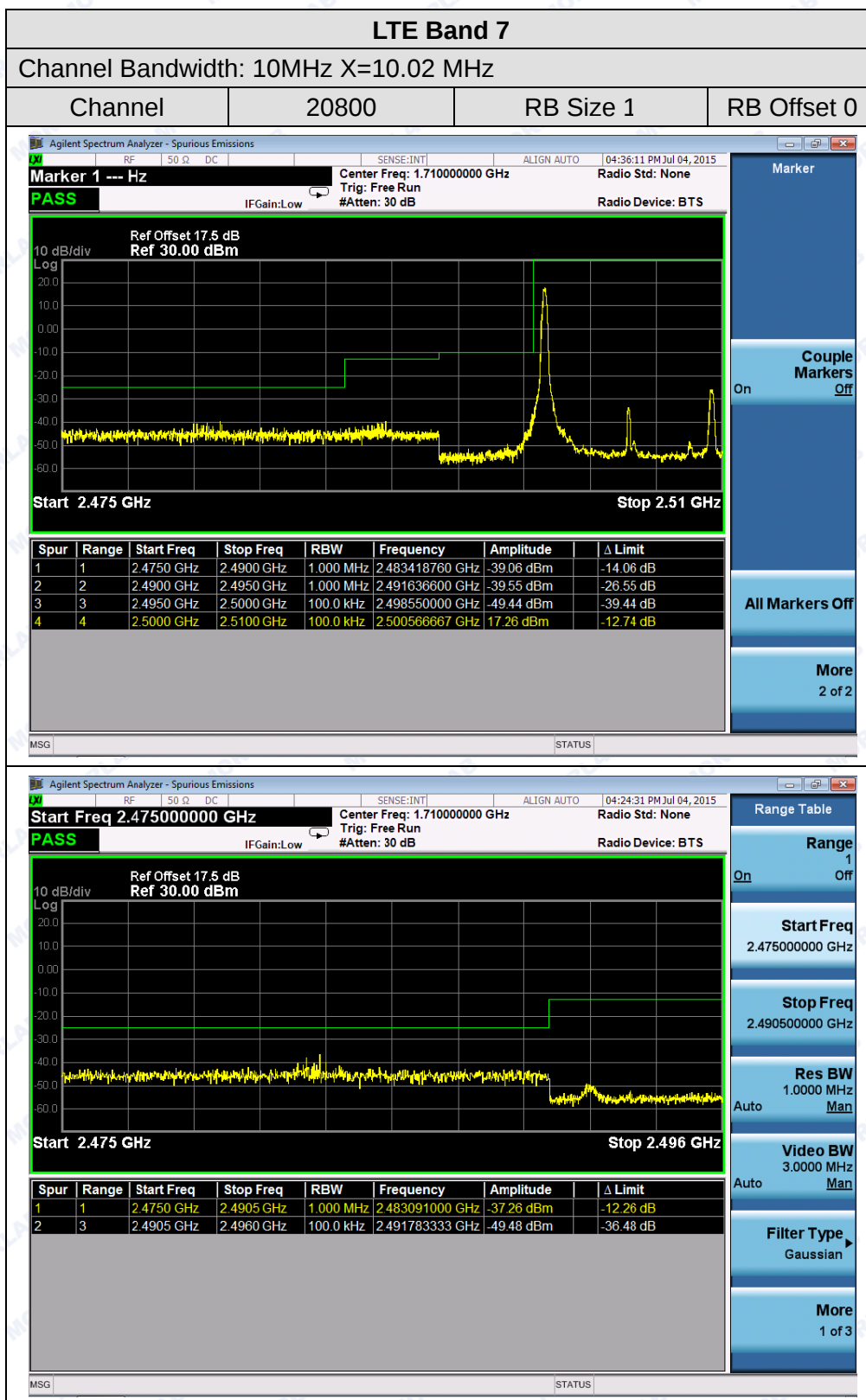


REPORT No.: SZ15060079W02



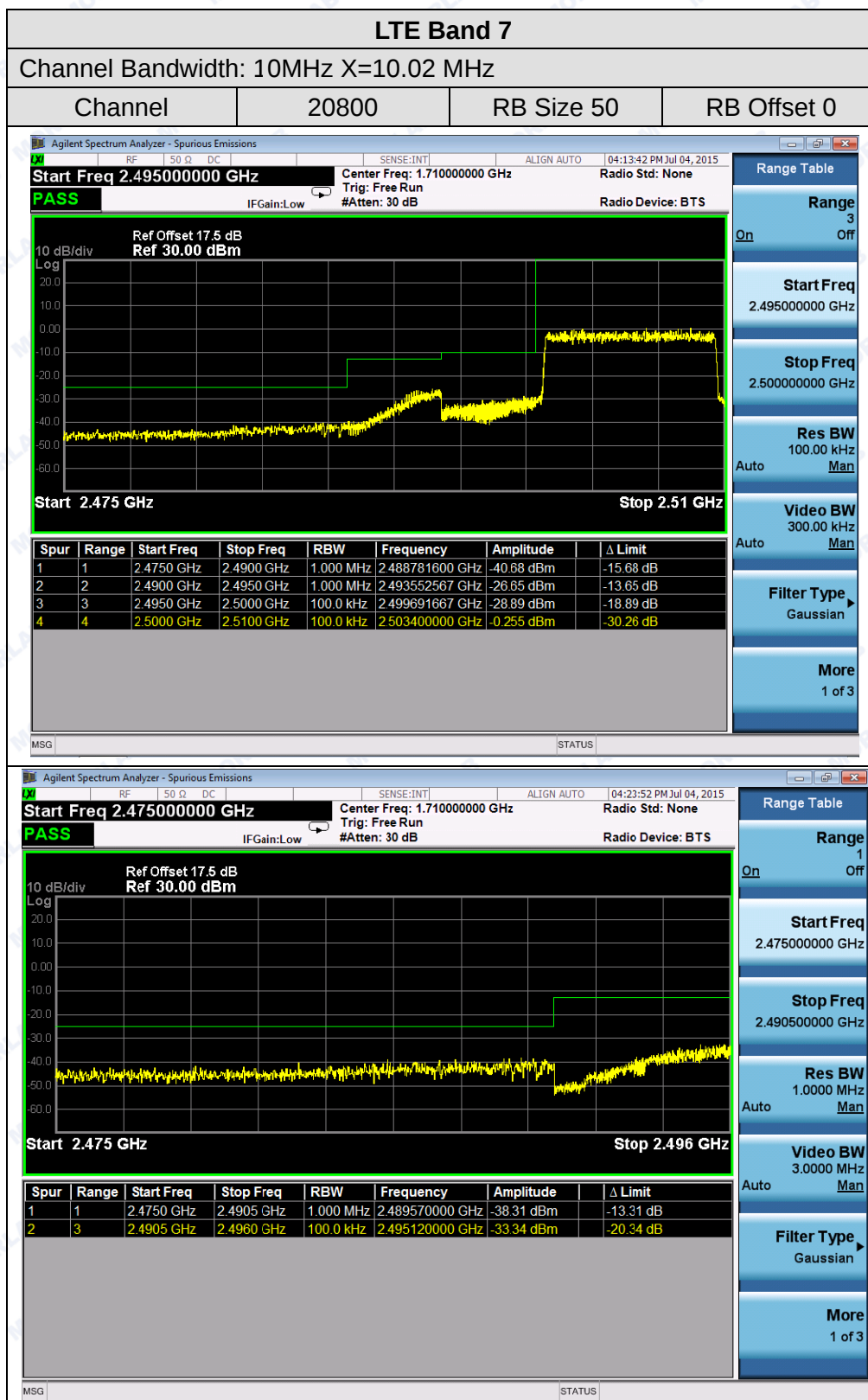


REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02

LTE Band 7

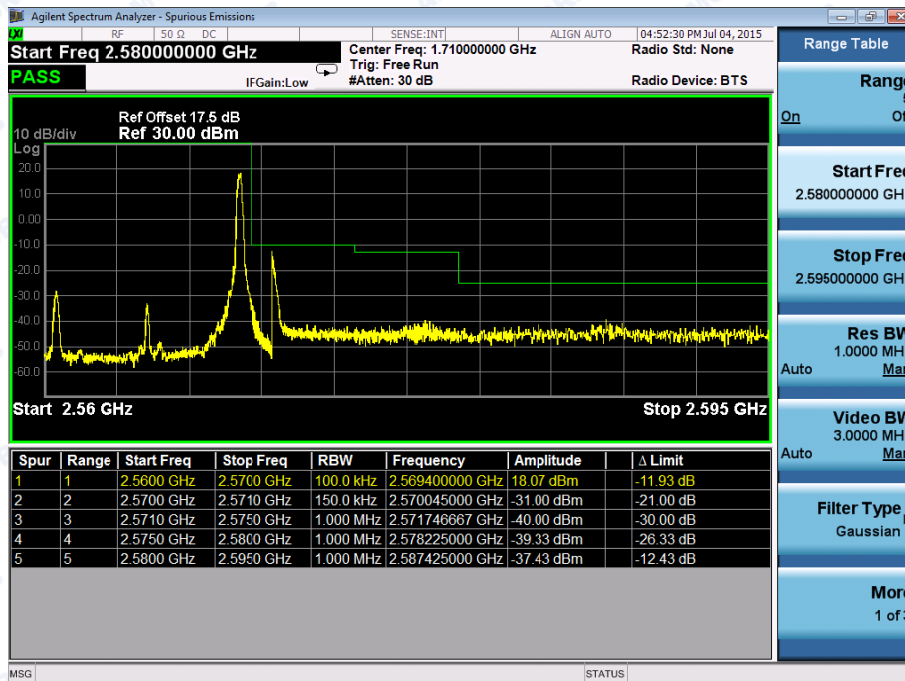
Channel Bandwidth: 10MHz X=10.05 MHz

Channel

21400

RB Size 1

RB Offset 49

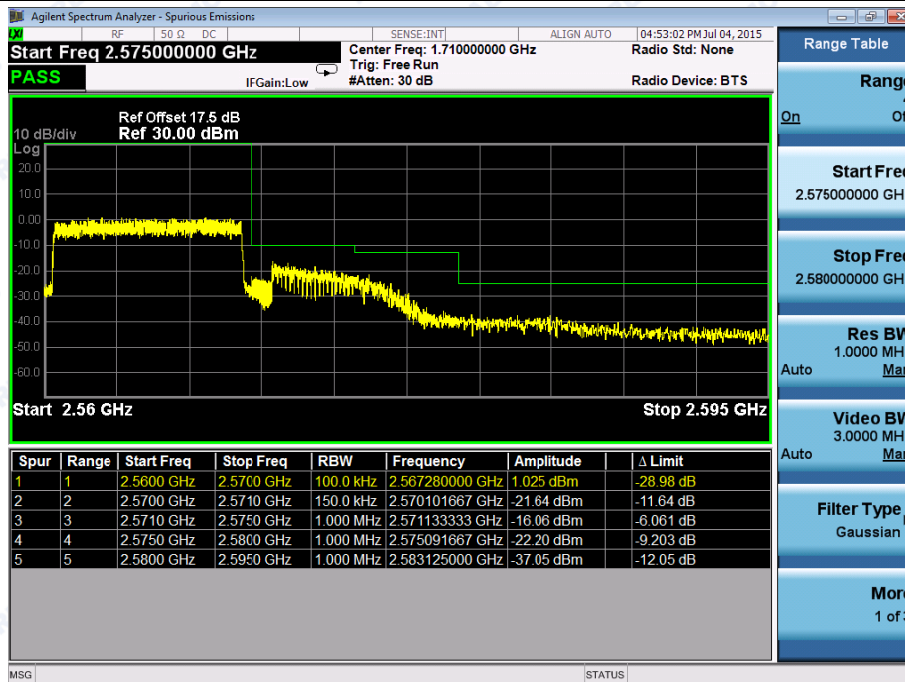


Channel

21400

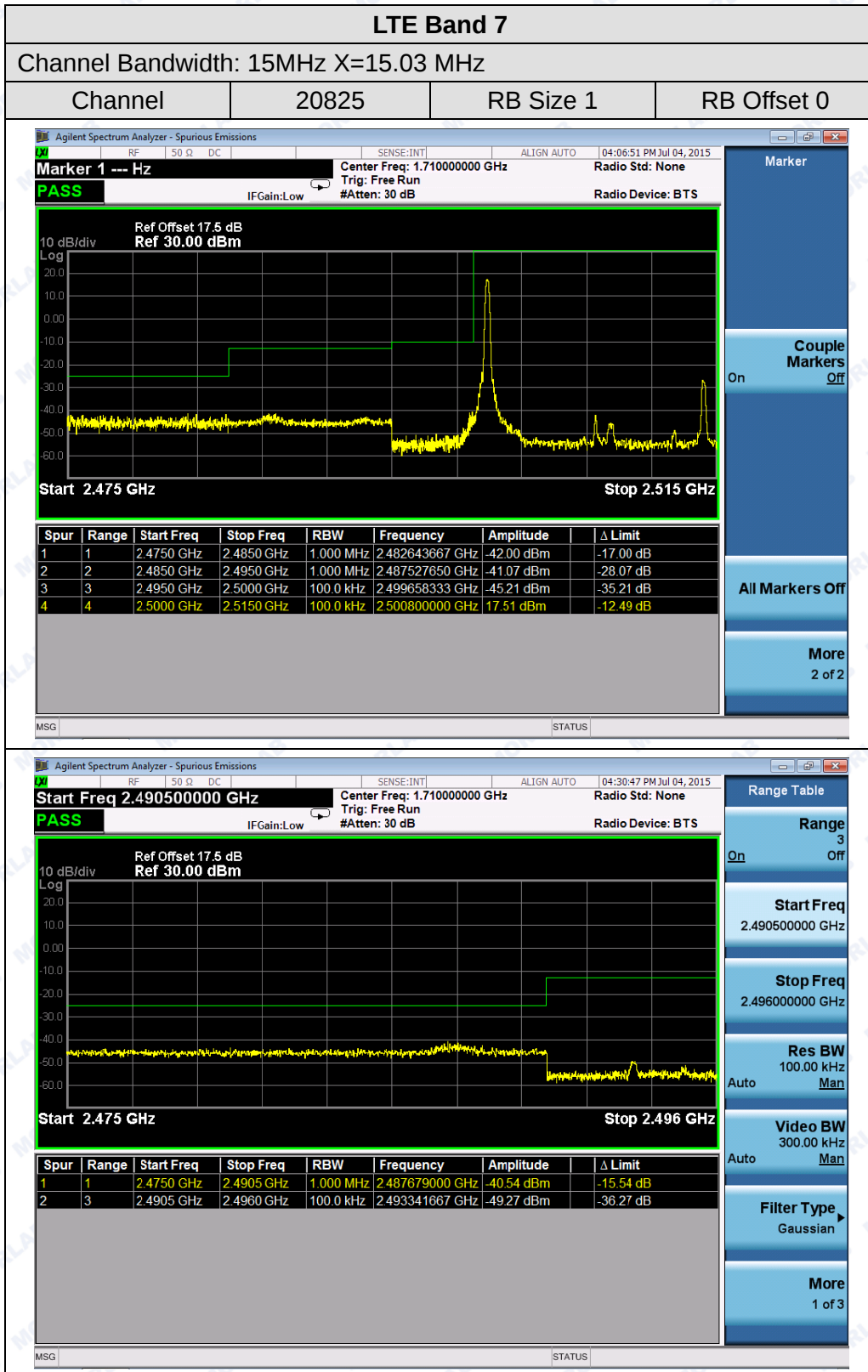
RB Size 50

RB Offset 0



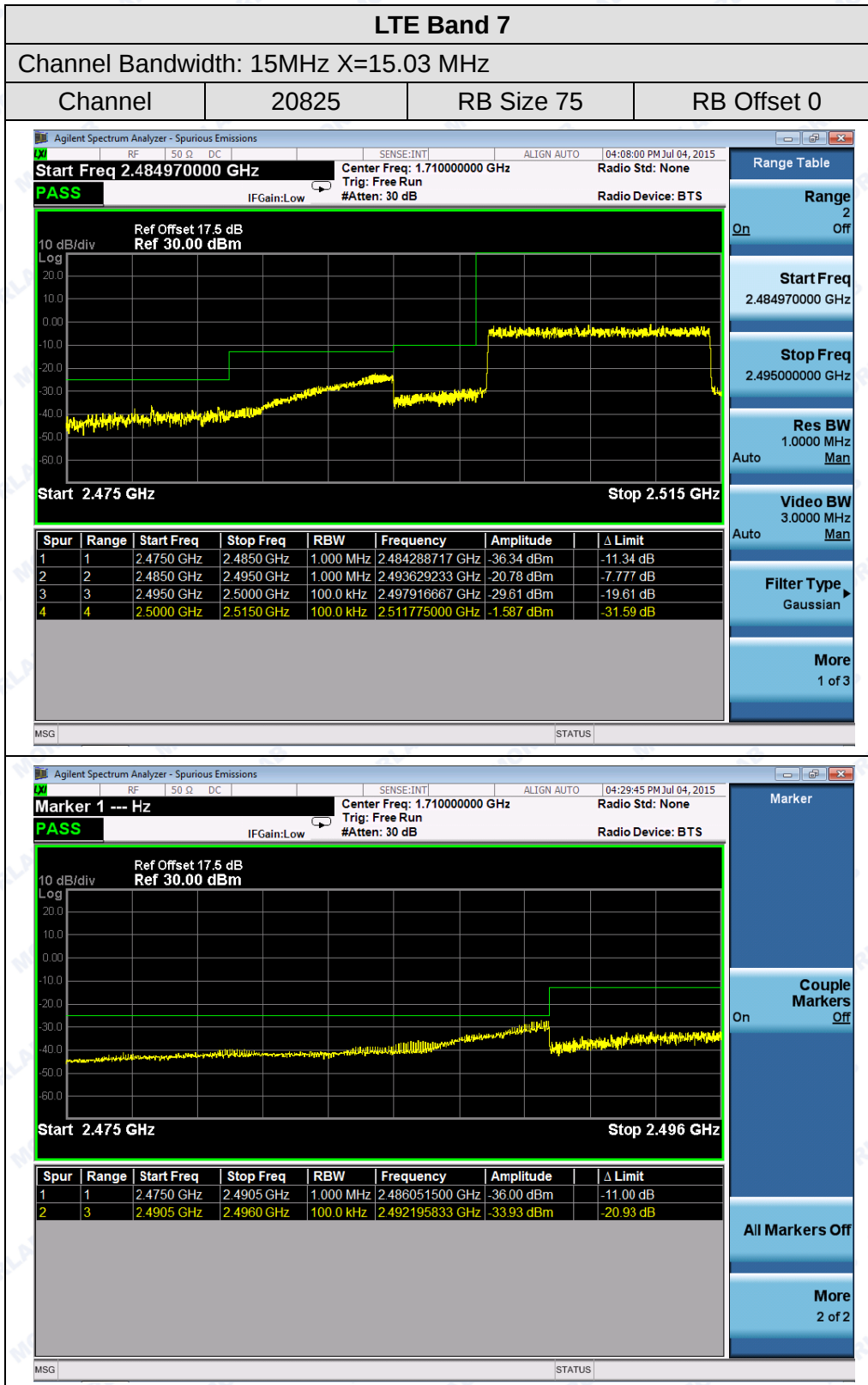


REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02

LTE Band 7

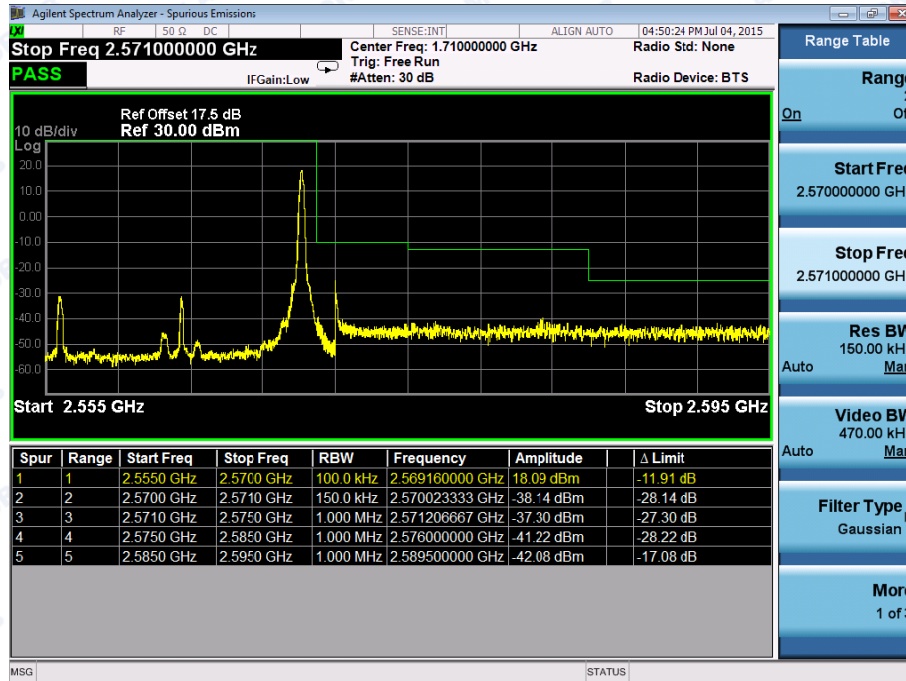
Channel Bandwidth: 15MHz X=15.38 MHz

Channel

21375

RB Size 1

RB Offset 74

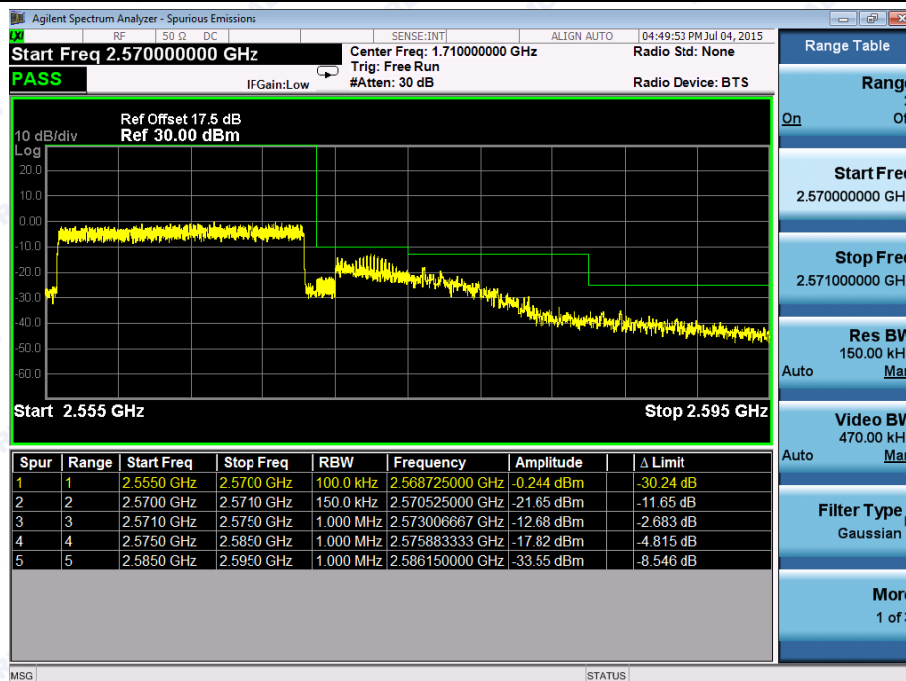


Channel

21375

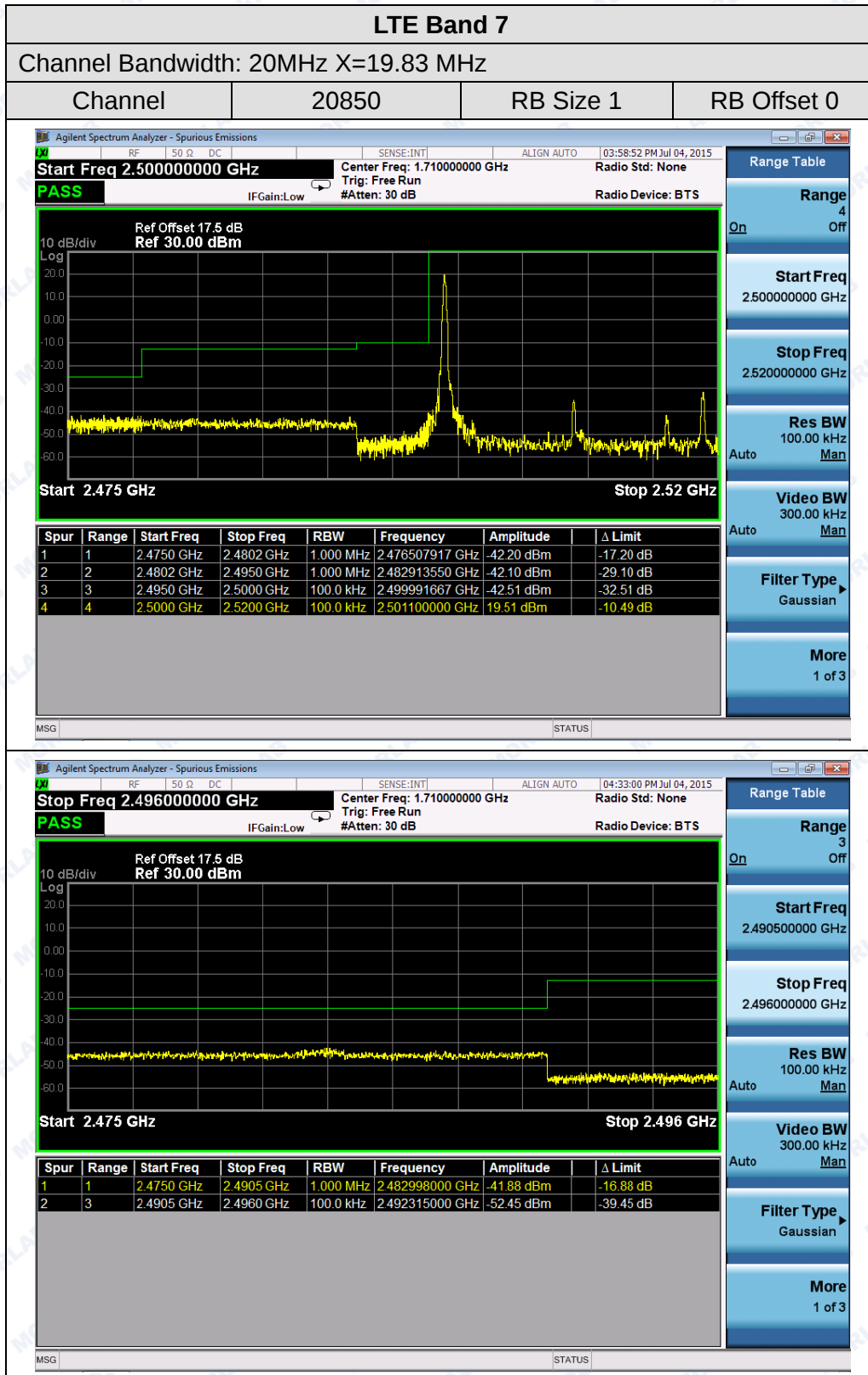
RB Size 75

RB Offset 0



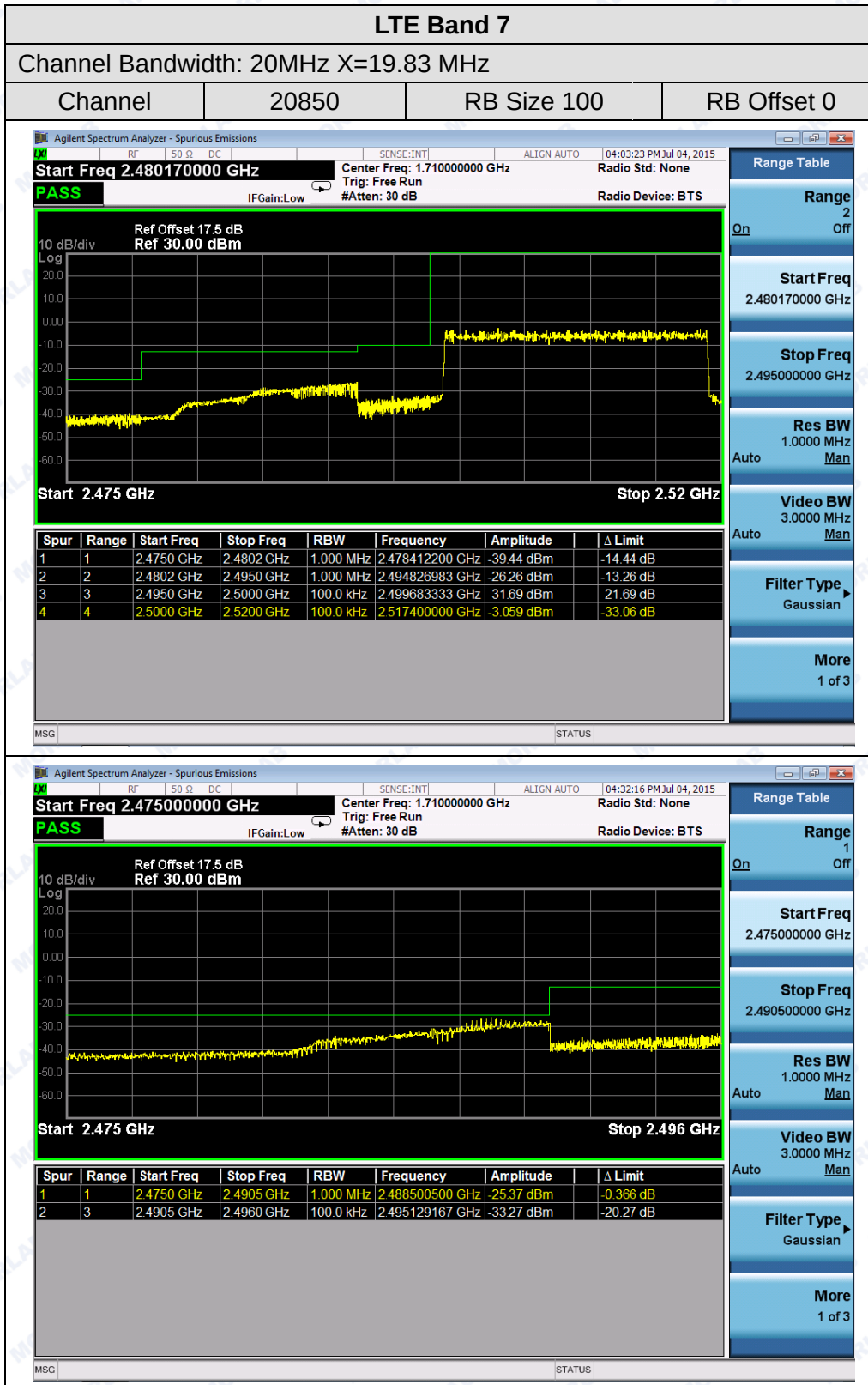


REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02





REPORT No.: SZ15060079W02

LTE Band 7

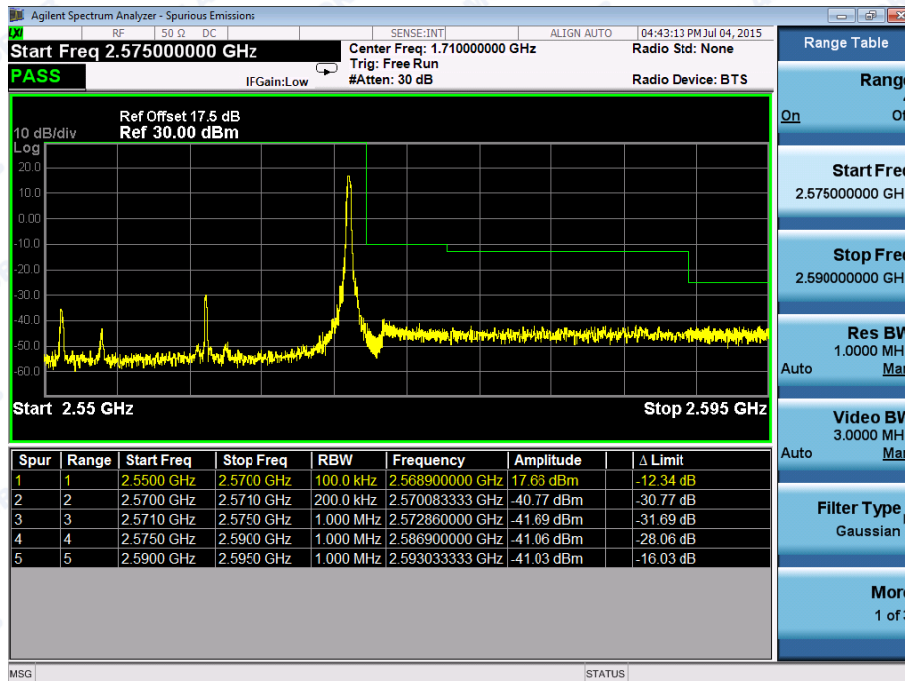
Channel Bandwidth: 20MHz X=19.89 MHz

Channel

21350

RB Size 1

RB Offset 99

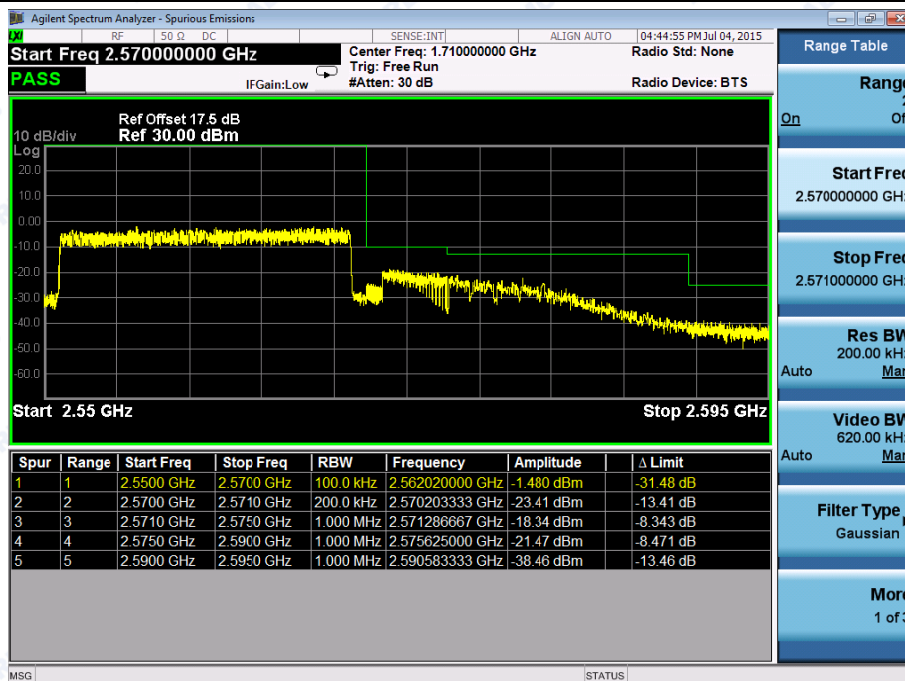


Channel

21350

RB Size 100

RB Offset 0



2.7 Transmitter Radiated Power (EIRP/ERP)

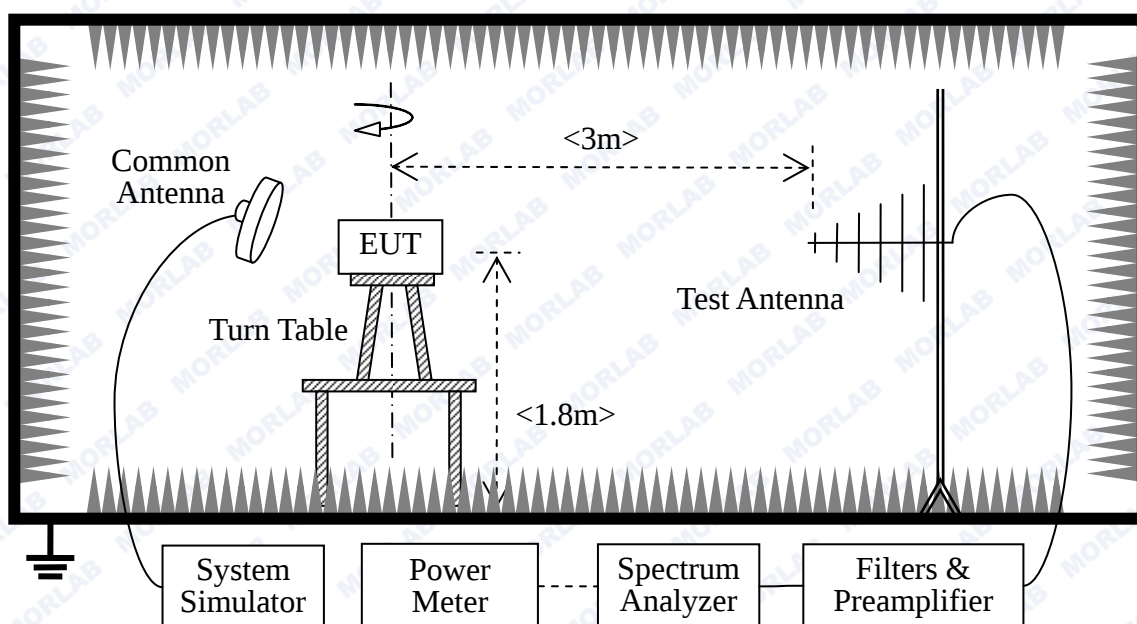
2.7.1 Requirement

According to FCC section 27.50 (d), fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat EIRP.

Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts ERP.

2.7.2 Test Description

Test Setup:



The EUT, which is powered by the PC, is located in a 3m Full-Anechoic Chamber; the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

The Test Antenna is a Bi-Log one (used for 30MHz to 1GHz) or a Horn one (used for above 3GHz), and it's located at the same height as the EUT. The Filters consists of Notch Filters and High Pass Filter.



Equipments List:

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
System Simulator	Rohde& Schwarz	CMW500	1201.0002k50/ 124534/wk	2015.02.26	2016.02.25
Spectrum Analyzer	Rohde& Schwarz	FSL	10246	2015.02.26	2016.02.25
Spectrum Analyzer	Agilent	E4445A	MY44200685	2015.02.26	2016.02.25
Full-Anechoic Chamber	Albatross	9m*6m*6m	(n.a.)	2015.02.26	2016.02.25
Test Antenna - Bi-Log	Schwarzbeck	VULB 9163	9163-274	2015.02.26	2016.02.25
Test Antenna - Horn	Schwarzbeck	BBHA 9120C	9120C-384	2015.02.26	2016.02.25

2.7.3 Test Result

The EUT was verified under all configurations (RB size and offset) and the worst case radiated power reported for each modulation/channel bandwidth.

The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,

$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of A_{TOT} .



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	20MHz	L 18700	1860	QPSK	1	0	23.82
					100	0	23.06
				16-QAM	1	0	23.09
					100	0	22.13
		M 18900	1880	QPSK	1	0	24.26
					100	0	23.04
				16-QAM	1	0	23.48
					100	0	22.03
		H 19100	1900	QPSK	1	0	24.23
					100	0	23.04
				16-QAM	1	0	23.62
					100	0	22.17
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	15MHz	L 18675	1857.5	QPSK	1	0	24.13
					75	0	23.35
				16-QAM	1	0	23.52
					75	0	22.11
		M 18900	1880	QPSK	1	0	22.52
					75	0	23.28
				16-QAM	1	0	23.18
					75	0	22.42
		H 19125	1902.5	QPSK	1	0	24.06
					75	0	23.27
				16-QAM	1	0	23.31
					75	0	22.07
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	10MHz	L 18650	1855	QPSK	1	0	24.03
					50	0	23.41
				16-QAM	1	0	23.76
					50	0	22.05
		M 18900	1880	QPSK	1	0	24.46
					50	0	23.33
				16-QAM	1	0	23.52
					50	0	22.12
		H 19150	1905	QPSK	1	0	24.20
					50	0	23.27
				16-QAM	1	0	23.53
					50	0	22.37



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	5MHz	L 18625	1852.5	QPSK	1	0	24.11
					25	0	23.44
				16-QAM	1	0	22.93
					25	0	22.01
		M 18900	1880	QPSK	1	0	24.13
					25	0	23.49
				16-QAM	1	0	22.63
					25	0	22.43
		H 19175	1907.5	QPSK	1	0	24.32
					25	0	23.66
				16-QAM	1	0	23.96
					25	0	22.22
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	3MHz	L 18615	1851.5	QPSK	1	0	24.08
					15	0	22.86
				16-QAM	1	0	23.12
					15	0	21.30
		M 18900	1880	QPSK	1	0	23.81
					15	0	22.75
				16-QAM	1	0	23.85
					15	0	22.24
		H 19185	1908.5	QPSK	1	0	23.96
					15	0	22.77
				16-QAM	1	0	23.52
					15	0	22.23
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 2	1.4MHz	L 18607	1850.7	QPSK	1	0	22.91
					6	0	21.98
				16-QAM	1	0	22.06
					6	0	21.12
		18900	1880	QPSK	1	0	23.08
					6	0	22.23
				16-QAM	1	0	22.86
					6	0	21.07
		H 19193	1909.3	QPSK	1	0	22.55
					6	0	21.86
				16-QAM	1	0	21.72
					6	0	21.10



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	20MHz	L 20050	1720.0	QPSK	1	0	23.62
					100	0	22.77
				16-QAM	1	0	22.81
					100	0	21.83
		M 20175	1732.5	QPSK	1	0	23.96
					100	0	22.37
				16-QAM	1	0	22.58
					100	0	21.83
		H 20300	1745.0	QPSK	1	0	23.86
					100	0	21.73
				16-QAM	1	0	22.42
					100	0	20.92
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	15MHz	L 20025	1717.5	QPSK	1	0	22.89
					75	0	22.06
				16-QAM	1	0	22.47
					75	0	22.14
		M 20175	1732.5	QPSK	1	0	22.88
					75	0	22.39
				16-QAM	1	0	22.51
					75	0	22.11
		H 20325	1747.5	QPSK	1	0	22.35
					75	0	22.93
				16-QAM	1	0	22.17
					75	0	21.85
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	10MHz	L 20000	1715.0	QPSK	1	0	23.52
					50	0	21.82
				16-QAM	1	0	21.77
					50	0	20.62
		M 20175	1732.5	QPSK	1	0	22.91
					50	0	21.84
				16-QAM	1	0	21.55
					50	0	20.33
		H 20350	1750.0	QPSK	1	0	22.57
					50	0	21.51
				16-QAM	1	0	21.79
					50	0	20.36



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	5MHz	L 19975	1712.5	QPSK	1	0	23.23
					25	0	21.99
				16-QAM	1	0	21.68
					25	0	20.86
		M 20175	1732.5	QPSK	1	0	22.44
					25	0	21.34
				16-QAM	1	0	21.59
					25	0	20.11
		H 20375	1752.5	QPSK	1	0	22.36
					25	0	21.87
				16-QAM	1	0	21.99
					25	0	20.56
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	3MHz	L 19965	1711.5	QPSK	1	0	22.68
					15	0	22.02
				16-QAM	1	0	21.89
					15	0	20.72
		M 20175	1732.5	QPSK	1	0	21.96
					15	0	22.14
				16-QAM	1	0	20.88
					15	0	20.93
		H 20385	1753.5	QPSK	1	0	22.77
					15	0	20.85
				16-QAM	1	0	21.56
					15	0	20.14
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 4	1.4MHz	L 19957	1710.7	QPSK	1	0	22.91
					6	0	22.38
				16-QAM	1	0	22.45
					6	0	21.83
		M 20175	1732.5	QPSK	1	0	23.42
					6	0	22.56
				16-QAM	1	0	21.75
					6	0	21.33
		H 20393	1754.3	QPSK	1	0	21.39
					6	0	22.30
				16-QAM	1	0	22.06
					6	0	21.75



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 7	20MHz	L 20850	2510	QPSK	1	0	23.28
					100	0	22.13
				16-QAM	1	0	22.06
					100	0	20.91
		M 21100	2535	QPSK	1	0	23.54
					100	0	22.49
				16-QAM	1	0	22.37
					100	0	21.46
		H 21350	2560	QPSK	1	0	23.23
					100	0	22.39
				16-QAM	1	0	22.61
					100	0	21.26
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 7	15MHz	L 20825	2507.5	QPSK	1	0	22.92
					75	0	22.15
				16-QAM	1	0	21.85
					75	0	21.03
		M 21100	2535	QPSK	1	0	23.24
					75	0	22.32
				16-QAM	1	0	22.53
					75	0	21.26
		H 21375	2562.5	QPSK	1	0	23.63
					75	0	21.88
				16-QAM	1	0	22.39
					75	0	21.41
Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 7	10MHz	L 20800	2505	QPSK	1	0	22.49
					50	0	21.84
				16-QAM	1	0	22.36
					50	0	20.68
		M 21100	2535	QPSK	1	0	23.25
					50	0	22.09
				16-QAM	1	0	22.62
					50	0	20.33
		H 21400	2565	QPSK	1	0	22.87
					50	0	21.56
				16-QAM	1	0	21.08
					50	0	20.63



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Band	Band Width	Channel	Freq.(MHz)	Modulation	RB Configuration		EIRP (dBm)
					RB Size	RB Offset	
LTE Band 7	5MHz	L 20775	2502.5	QPSK	1	0	22.59
					25	0	21.42
				16-QAM	1	0	20.96
					25	0	20.63
		M 21100	2535	QPSK	1	0	22.77
					25	0	21.53
				16-QAM	1	0	21.16
					25	0	20.35
		H 21425	2567.5	QPSK	1	0	22.25
					25	0	21.40
				16-QAM	1	0	21.66
					25	0	21.10



2.8 Radiated Spurious Emissions

2.8.1 Requirement

According to FCC section 2.1053 and section 27.53(g), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13dBm.

2.8.2 Test Description

See section 2.7.2 of this report.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.8.3 Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

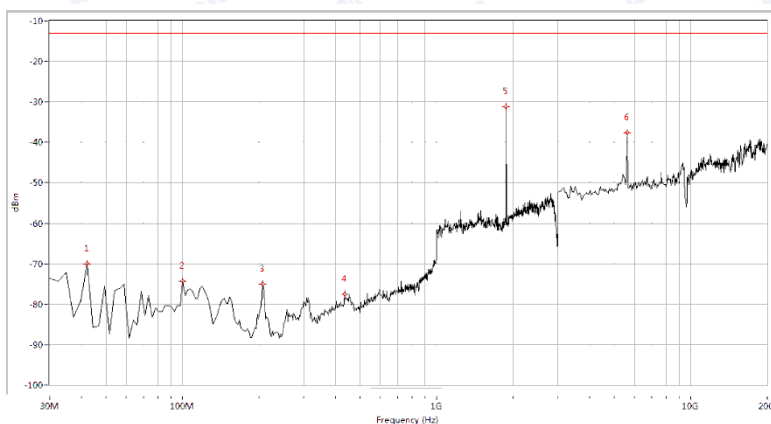
Test Plots for the Whole Measurement Frequency Range:

Note1: the power of the EUT transmitting frequency should be ignored.

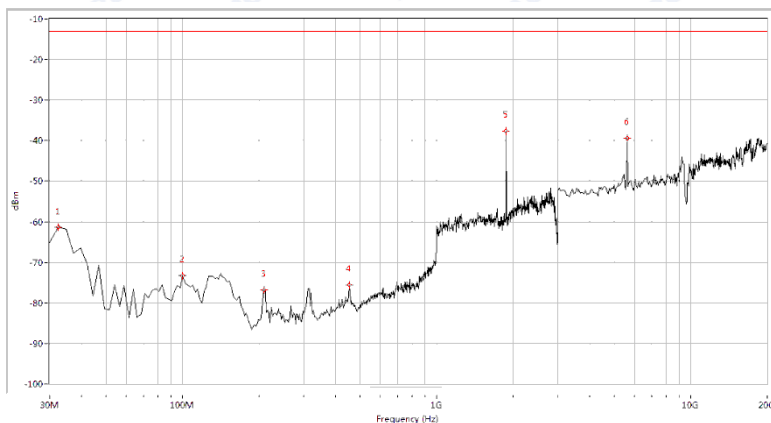
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.



LTE Band 2 1.4MHz BW, Mid Channel, QPSK



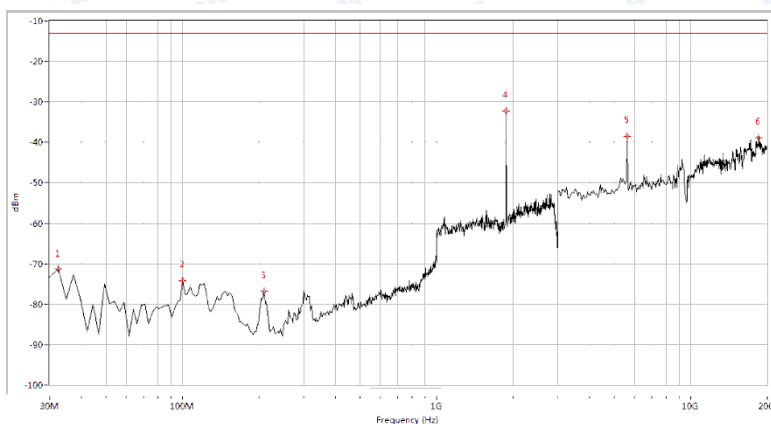
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.13	-13.0	57.1	Horizontal	PASS
100.150	-74.34	-13.0	61.3	Horizontal	PASS
206.584	-75.12	-13.0	62.1	Horizontal	PASS
436.384	-77.58	-13.0	64.6	Horizontal	PASS
1877.805	-31.26	-13.0	18.3	Horizontal	N.A
5628.429	-37.54	-13.0	24.5	Horizontal	PASS



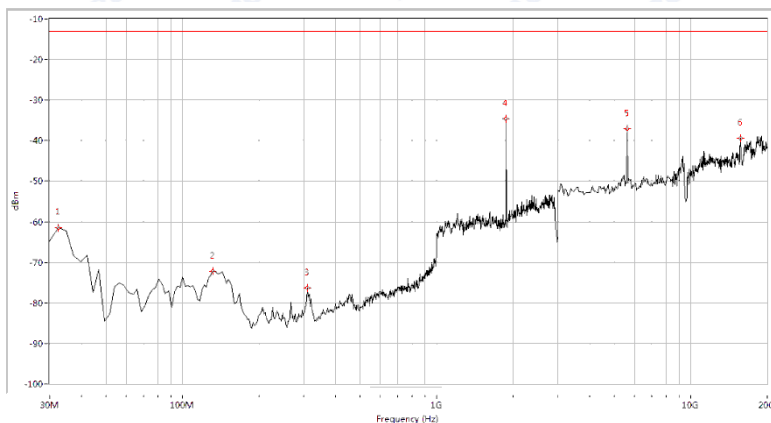
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-61.37	-13.0	48.4	Vertical	PASS
100.150	-73.26	-13.0	60.3	Vertical	PASS
209.002	-76.83	-13.0	63.8	Vertical	PASS
453.317	-75.66	-13.0	62.7	Vertical	PASS
1877.805	-37.60	-13.0	24.6	Vertical	N.A
5628.429	-39.32	-13.0	26.3	Vertical	PASS



LTE Band 2 1.4MHz BW, Mid Channel, 16QAM



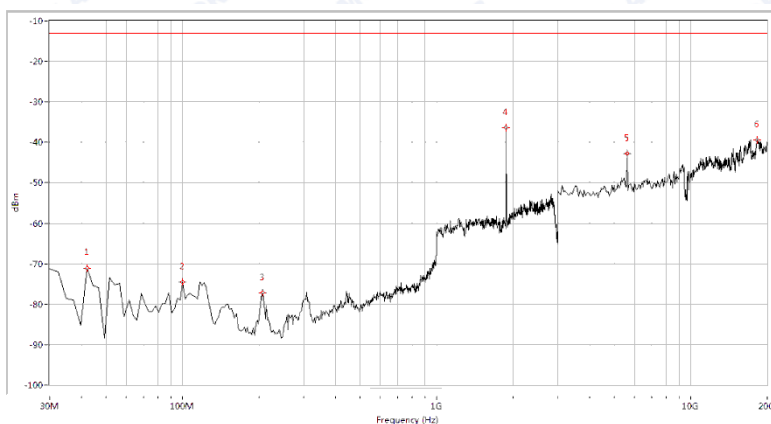
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-71.29	-13.0	58.3	Horizontal	PASS
100.150	-74.23	-13.0	61.2	Horizontal	PASS
209.002	-76.88	-13.0	63.9	Horizontal	PASS
1877.805	-32.30	-13.0	19.3	Horizontal	N.A
5628.429	-38.57	-13.0	25.6	Horizontal	PASS
18516.209	-38.84	-13.0	25.8	Horizontal	PASS



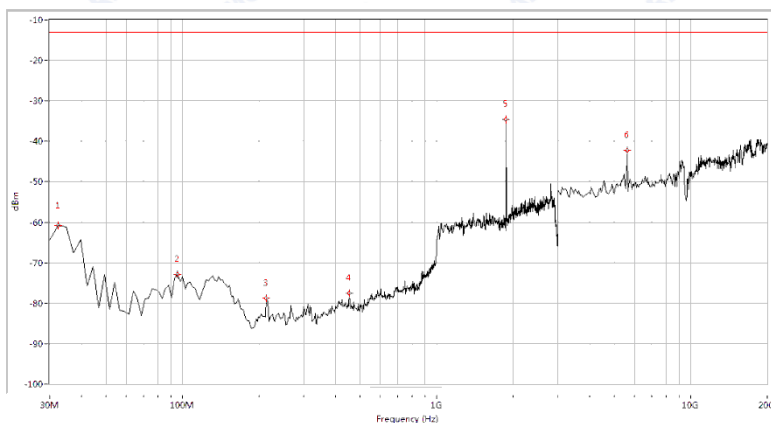
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-61.47	-13.0	48.5	Vertical	PASS
131.596	-72.20	-13.0	59.2	Vertical	PASS
310.599	-76.21	-13.0	63.2	Vertical	PASS
1877.805	-34.53	-13.0	21.5	Vertical	N.A
5628.429	-37.13	-13.0	24.1	Vertical	PASS
15675.810	-39.38	-13.0	26.4	Vertical	PASS



LTE Band 2 3MHz BW, Mid Channel, QPSK



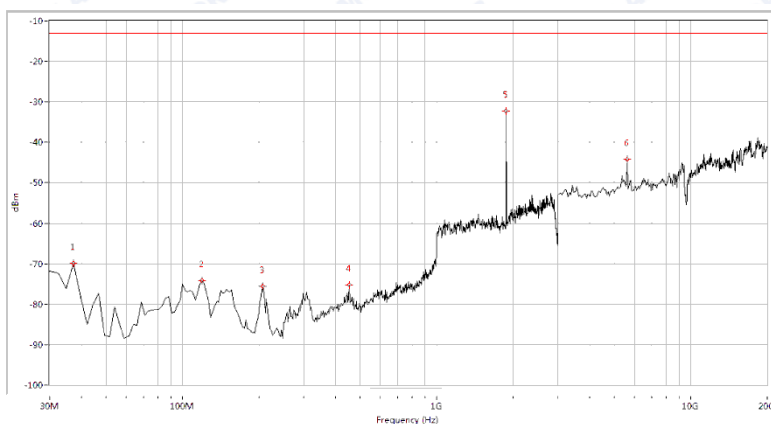
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-71.20	-13.0	58.2	Horizontal	PASS
100.150	-74.47	-13.0	61.5	Horizontal	PASS
206.584	-77.15	-13.0	64.1	Horizontal	PASS
1877.805	-36.34	-13.0	23.3	Horizontal	N.A
5628.429	-42.77	-13.0	29.8	Horizontal	PASS
18261.845	-39.43	-13.0	26.4	Horizontal	PASS



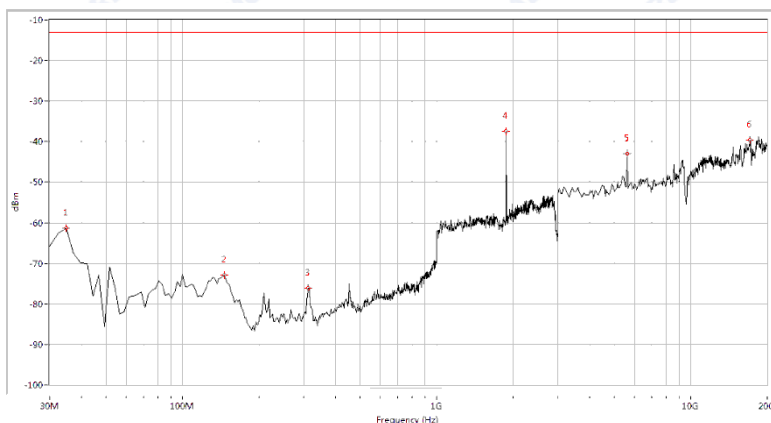
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.85	-13.0	47.9	Vertical	PASS
95.312	-72.92	-13.0	59.9	Vertical	PASS
213.840	-78.80	-13.0	65.8	Vertical	PASS
453.317	-77.63	-13.0	64.6	Vertical	PASS
1877.805	-34.56	-13.0	21.6	Vertical	N.A
5628.429	-42.30	-13.0	29.3	Vertical	PASS



LTE Band 2 3MHz BW, Mid Channel, 16QAM



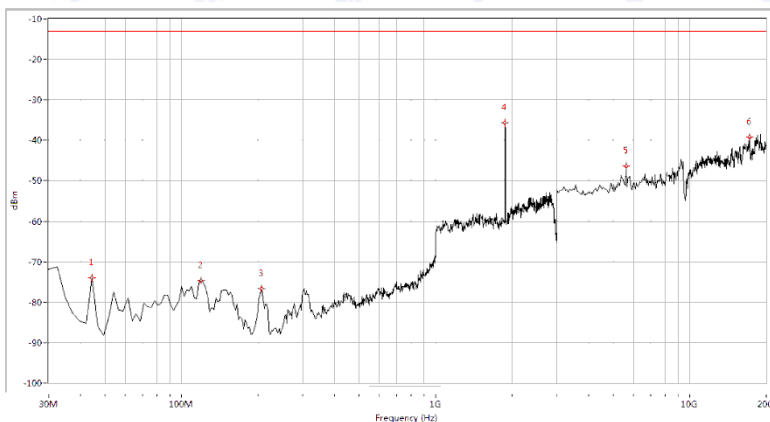
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-69.85	-13.0	56.9	Horizontal	PASS
119.501	-74.08	-13.0	61.1	Horizontal	PASS
206.584	-75.55	-13.0	62.5	Horizontal	PASS
453.317	-75.23	-13.0	62.2	Horizontal	PASS
1877.805	-32.30	-13.0	19.3	Horizontal	N.A
5628.429	-44.27	-13.0	31.3	Horizontal	PASS



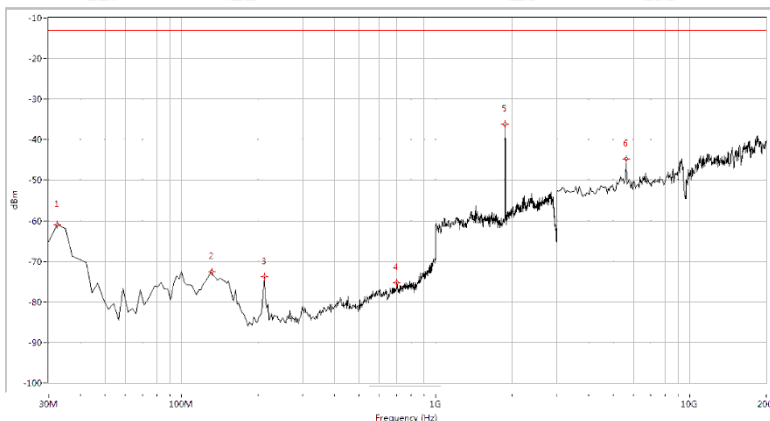
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-61.33	-13.0	48.3	Vertical	PASS
146.110	-72.86	-13.0	59.9	Vertical	PASS
313.017	-76.15	-13.0	63.1	Vertical	PASS
1877.805	-37.43	-13.0	24.4	Vertical	N.A
5628.429	-42.93	-13.0	29.9	Vertical	PASS
17117.207	-39.66	-13.0	26.7	Vertical	PASS



LTE Band 2 5MHz BW, Mid Channel, QPSK



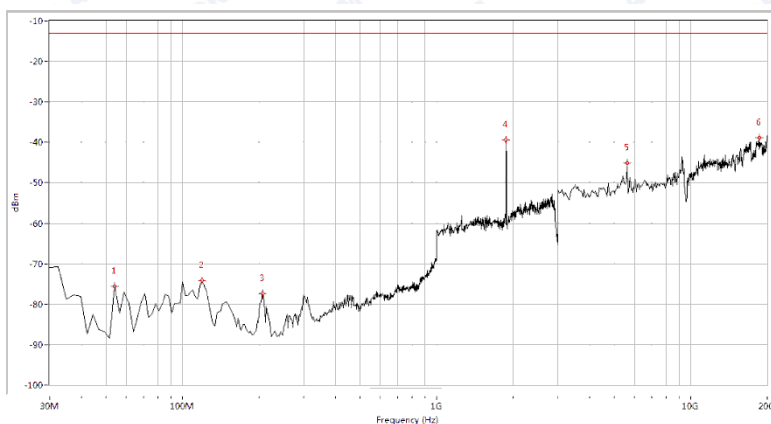
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
44.514	-73.99	-13.0	61.0	Horizontal	PASS
119.501	-74.73	-13.0	61.7	Horizontal	PASS
206.584	-76.72	-13.0	63.7	Horizontal	PASS
1877.805	-35.70	-13.0	22.7	Horizontal	N.A
5628.429	-46.32	-13.0	33.3	Horizontal	PASS
17159.601	-39.27	-13.0	26.3	Horizontal	PASS



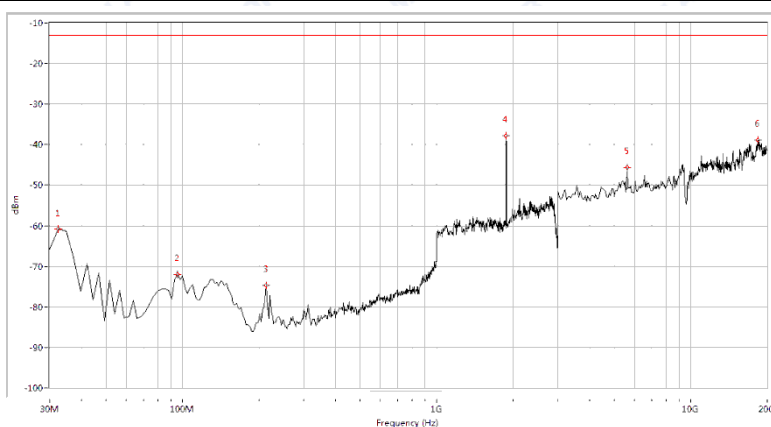
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-61.04	-13.0	48.0	Vertical	PASS
131.596	-72.58	-13.0	59.6	Vertical	PASS
211.421	-73.86	-13.0	60.9	Vertical	PASS
702.469	-75.24	-13.0	62.2	Vertical	PASS
1877.805	-36.27	-13.0	23.3	Vertical	N.A
5628.429	-44.84	-13.0	31.8	Vertical	PASS



LTE Band 2 5MHz BW, Mid Channel, 16QAM



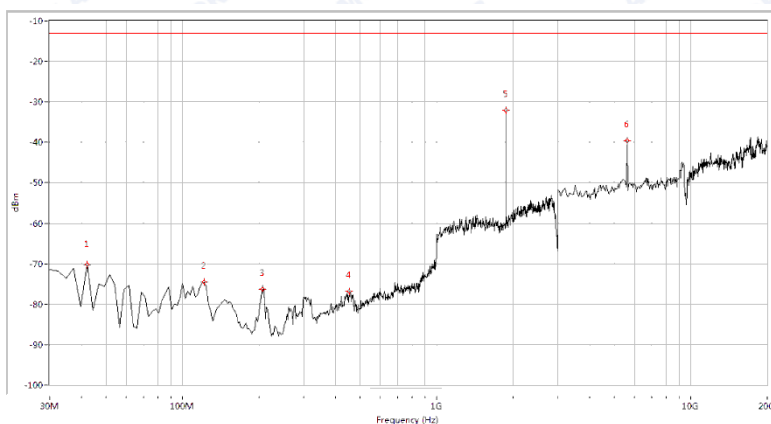
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
54.190	-75.54	-13.0	62.5	Horizontal	PASS
119.501	-74.16	-13.0	61.2	Horizontal	PASS
206.584	-77.37	-13.0	64.4	Horizontal	PASS
1877.805	-39.45	-13.0	26.4	Horizontal	N.A
5628.429	-45.10	-13.0	32.1	Horizontal	PASS
18643.392	-38.80	-13.0	25.8	Horizontal	PASS



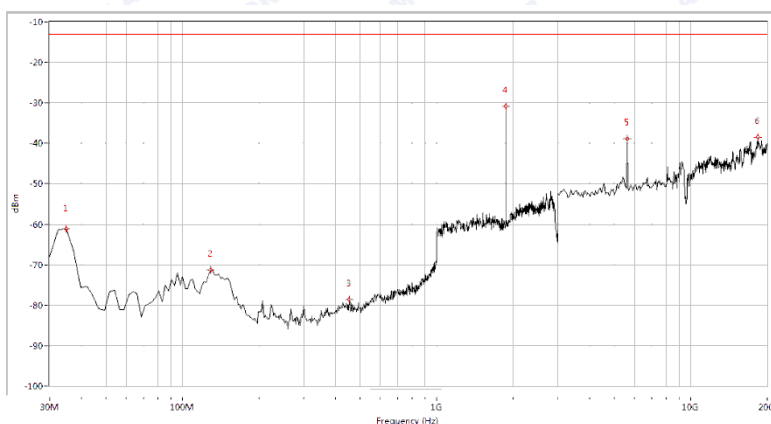
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.81	-13.0	47.8	Vertical	PASS
95.312	-71.94	-13.0	58.9	Vertical	PASS
213.840	-74.67	-13.0	61.7	Vertical	PASS
1877.805	-37.87	-13.0	24.9	Vertical	N.A
5628.429	-45.71	-13.0	32.7	Vertical	PASS
18346.633	-38.95	-13.0	25.9	Vertical	PASS



LTE Band 2 10MHz BW, Mid Channel, QPSK



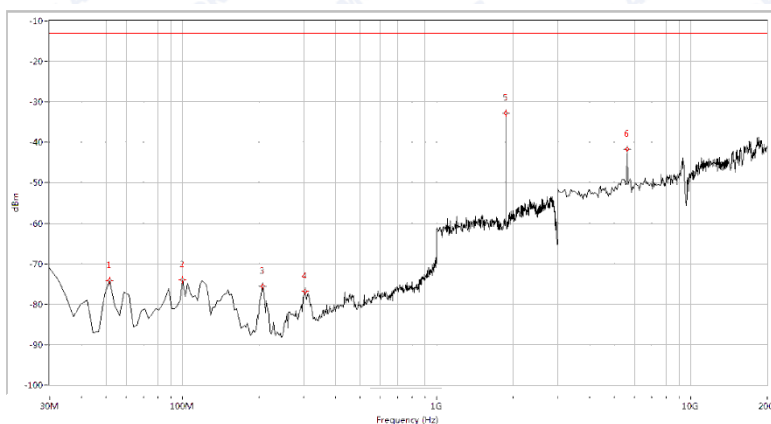
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.30	-13.0	57.3	Horizontal	PASS
121.920	-74.48	-13.0	61.5	Horizontal	PASS
206.584	-76.38	-13.0	63.4	Horizontal	PASS
453.317	-76.75	-13.0	63.7	Horizontal	PASS
1872.818	-32.13	-13.0	19.1	Horizontal	N.A
5628.429	-39.54	-13.0	26.5	Horizontal	PASS



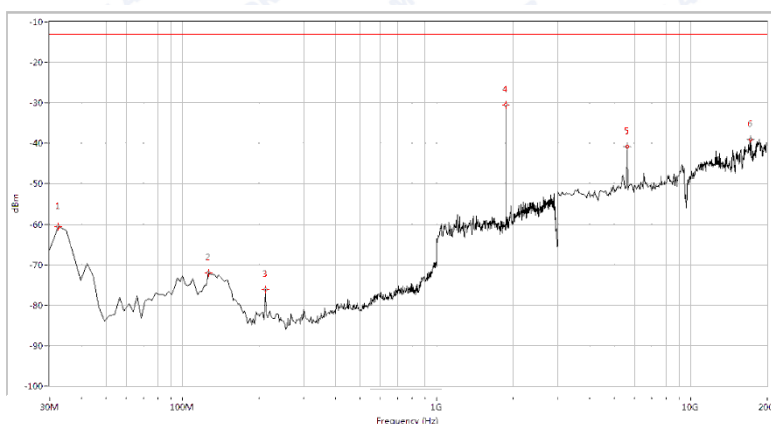
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-61.09	-13.0	48.1	Vertical	PASS
129.177	-71.23	-13.0	58.2	Vertical	PASS
453.317	-78.59	-13.0	65.6	Vertical	PASS
1872.818	-30.82	-13.0	17.8	Vertical	N.A
5628.429	-38.96	-13.0	26.0	Vertical	PASS
18346.633	-38.59	-13.0	25.6	Vertical	PASS



LTE Band 2 10MHz BW, Mid Channel, 16QAM



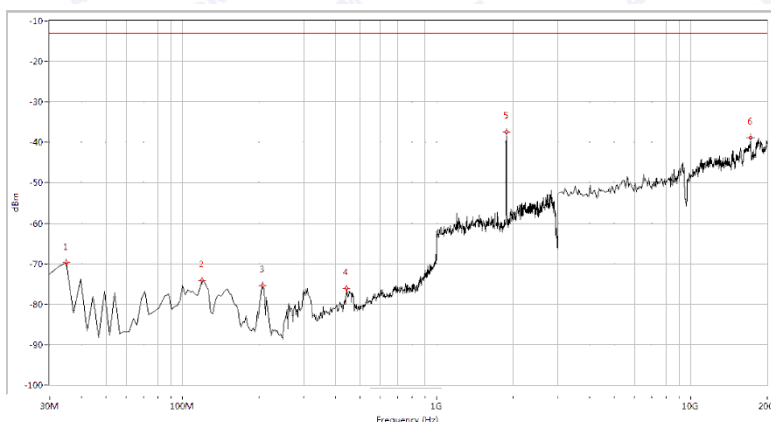
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
51.771	-74.08	-13.0	61.1	Horizontal	PASS
100.150	-74.06	-13.0	61.1	Horizontal	PASS
206.584	-75.55	-13.0	62.5	Horizontal	PASS
303.342	-76.82	-13.0	63.8	Horizontal	PASS
1872.818	-32.85	-13.0	19.8	Horizontal	N.A
5628.429	-41.67	-13.0	28.7	Horizontal	PASS



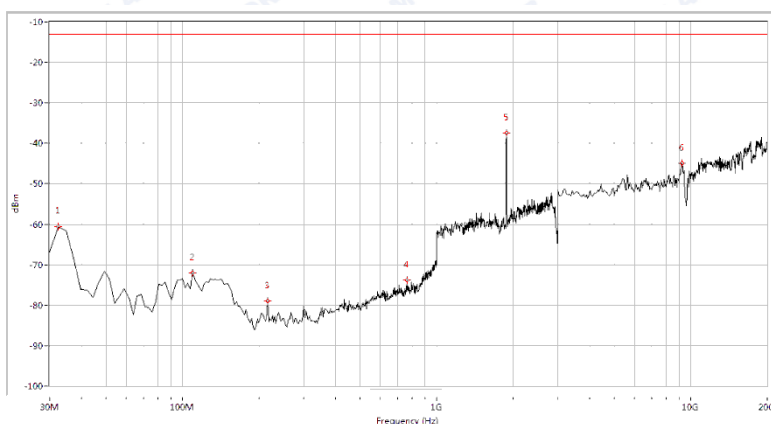
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.61	-13.0	47.6	Vertical	PASS
126.758	-71.98	-13.0	59.0	Vertical	PASS
211.421	-76.15	-13.0	63.2	Vertical	PASS
1872.818	-30.52	-13.0	17.5	Vertical	N.A
5628.429	-40.91	-13.0	27.9	Vertical	PASS
17159.601	-39.09	-13.0	26.1	Vertical	PASS



LTE Band 2 15MHz BW, Mid Channel, QPSK



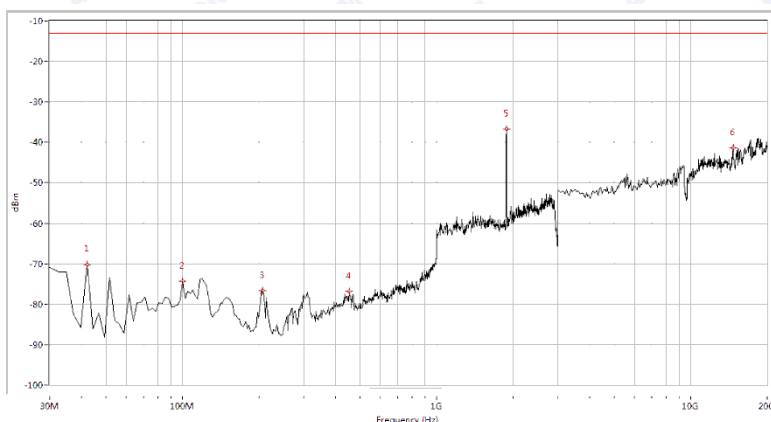
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-69.76	-13.0	56.8	Horizontal	PASS
119.501	-74.24	-13.0	61.2	Horizontal	PASS
206.584	-75.42	-13.0	62.4	Horizontal	PASS
441.222	-76.14	-13.0	63.1	Horizontal	PASS
1882.793	-37.37	-13.0	24.4	Horizontal	N.A
17201.995	-38.89	-13.0	25.9	Horizontal	PASS



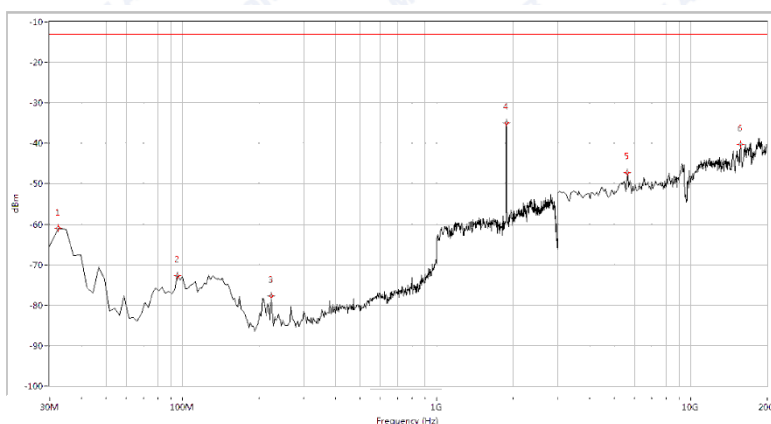
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.56	-13.0	47.6	Vertical	PASS
109.825	-72.07	-13.0	59.1	Vertical	PASS
216.259	-78.95	-13.0	66.0	Vertical	PASS
765.362	-73.87	-13.0	60.9	Vertical	PASS
1882.793	-37.52	-13.0	24.5	Vertical	N.A
9231.920	-44.87	-13.0	31.9	Vertical	PASS



LTE Band 2 15MHz BW, Mid Channel, 16QAM



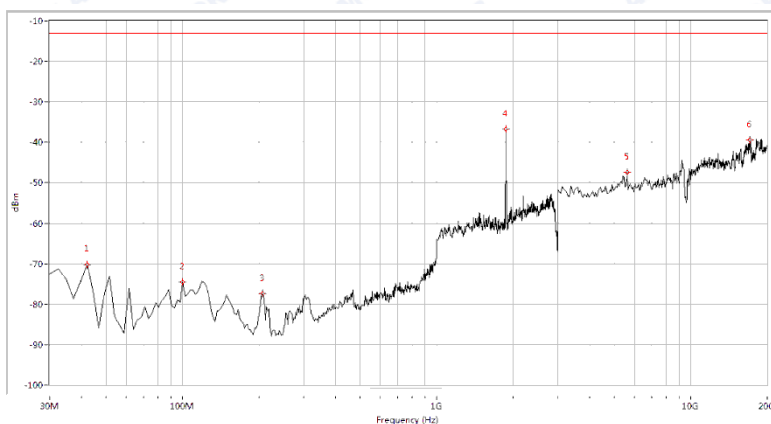
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.22	-13.0	57.2	Horizontal	PASS
100.150	-74.26	-13.0	61.3	Horizontal	PASS
206.584	-76.63	-13.0	63.6	Horizontal	PASS
453.317	-76.84	-13.0	63.8	Horizontal	PASS
1882.793	-36.67	-13.0	23.7	Horizontal	N.A
14658.354	-41.33	-13.0	28.3	Horizontal	PASS



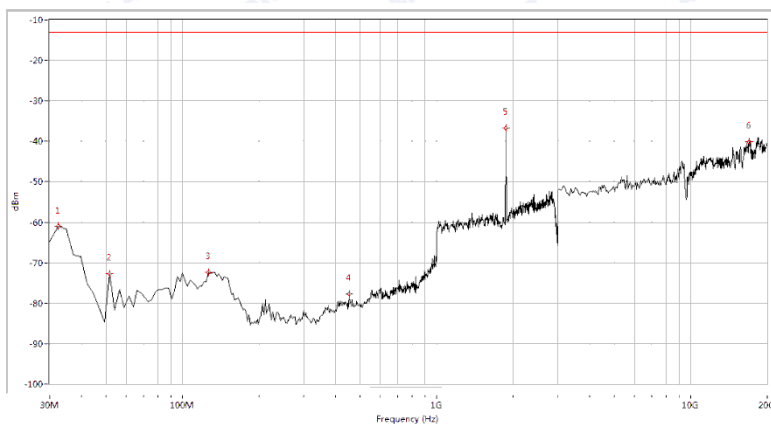
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.88	-13.0	47.9	Vertical	PASS
95.312	-72.69	-13.0	59.7	Vertical	PASS
223.516	-77.81	-13.0	64.8	Vertical	PASS
1882.793	-34.91	-13.0	21.9	Vertical	N.A
5628.429	-47.28	-13.0	34.3	Vertical	PASS
15675.810	-40.29	-13.0	27.3	Vertical	PASS



LTE Band 2 20MHz BW, Mid Channel, QPSK



Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.19	-13.0	57.2	Horizontal	PASS
100.150	-74.55	-13.0	61.5	Horizontal	PASS
206.584	-77.35	-13.0	64.3	Horizontal	PASS
1872.818	-36.72	-13.0	23.7	Horizontal	N.A
5628.429	-47.47	-13.0	34.5	Horizontal	PASS
17117.207	-39.39	-13.0	26.4	Horizontal	PASS

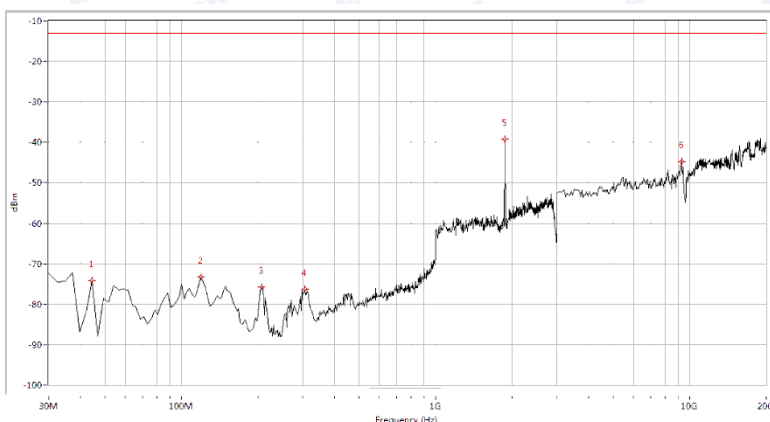


Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.97	-13.0	48.0	Vertical	PASS
51.771	-72.81	-13.0	59.8	Vertical	PASS
126.758	-72.42	-13.0	59.4	Vertical	PASS
453.317	-77.77	-13.0	64.8	Vertical	PASS
1872.818	-36.66	-13.0	23.7	Vertical	N.A
16990.025	-40.05	-13.0	27.1	Vertical	PASS

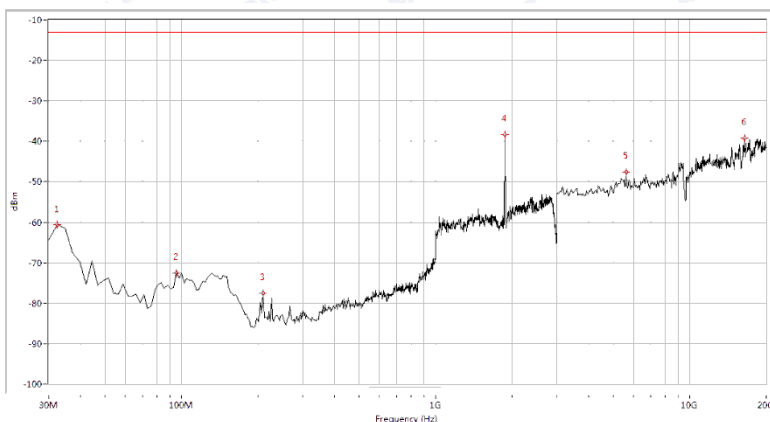


REPORT No.: SZ15060079W02

LTE Band 2 20MHz BW, Mid Channel, 16QAM



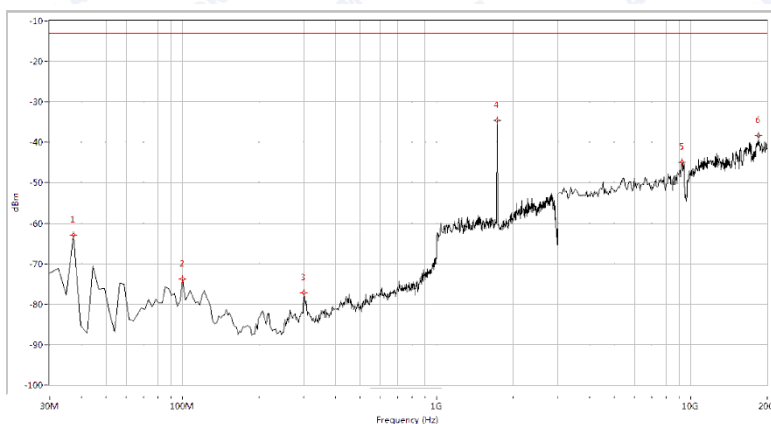
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
44.514	-74.12	-13.0	61.1	Horizontal	PASS
119.501	-73.29	-13.0	60.3	Horizontal	PASS
206.584	-75.74	-13.0	62.7	Horizontal	PASS
305.761	-76.22	-13.0	63.2	Horizontal	PASS
1872.818	-39.21	-13.0	26.2	Horizontal	N.A
9274.314	-44.70	-13.0	31.7	Horizontal	PASS



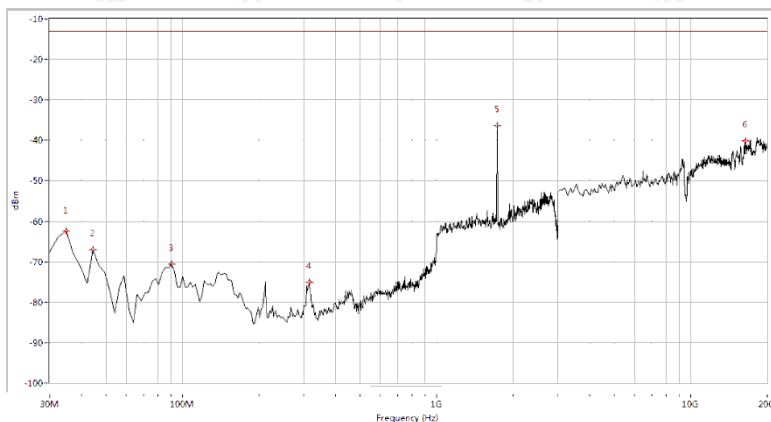
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-60.65	-13.0	47.6	Vertical	PASS
95.312	-72.54	-13.0	59.5	Vertical	PASS
209.002	-77.63	-13.0	64.6	Vertical	PASS
1877.805	-38.32	-13.0	25.3	Vertical	N.A
5628.429	-47.59	-13.0	34.6	Vertical	PASS
16396.509	-39.29	-13.0	26.3	Vertical	PASS



LTE Band 4 1.4MHz BW, Mid Channel, QPSK



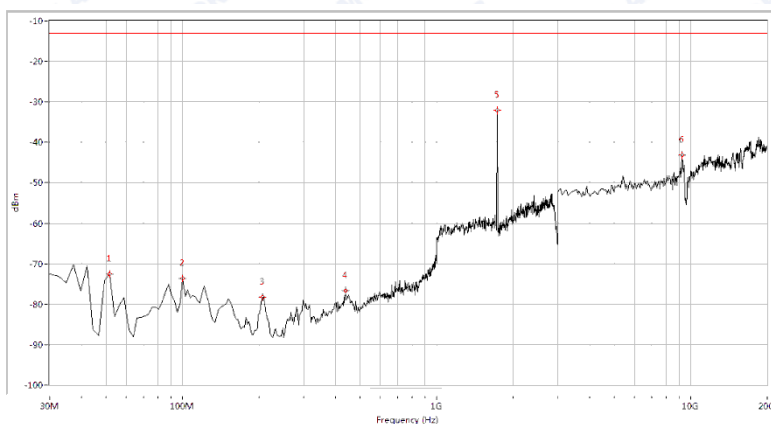
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-62.94	-13.0	49.9	Horizontal	PASS
100.150	-73.76	-13.0	60.8	Horizontal	PASS
300.923	-77.23	-13.0	64.2	Horizontal	PASS
1728.180	-34.66	-13.0	21.7	Horizontal	N.A
9231.920	-44.93	-13.0	31.9	Horizontal	PASS
18473.815	-38.31	-13.0	25.3	Horizontal	PASS



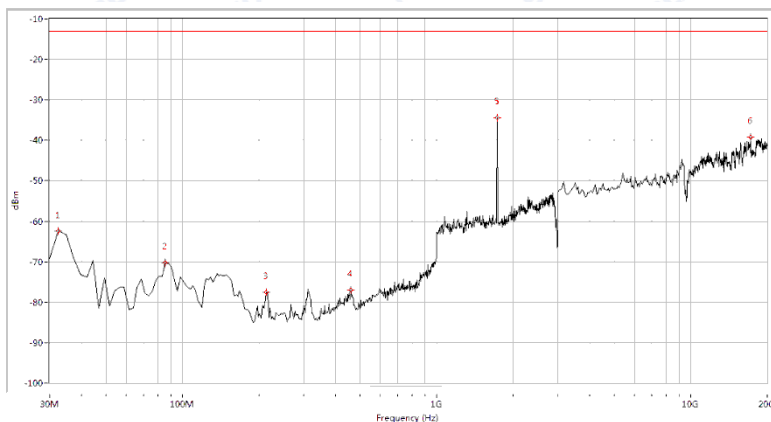
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.36	-13.0	49.4	Vertical	PASS
44.514	-66.95	-13.0	54.0	Vertical	PASS
90.474	-70.53	-13.0	57.5	Vertical	PASS
315.436	-75.06	-13.0	62.1	Vertical	PASS
1733.167	-36.34	-13.0	23.3	Vertical	N.A
16396.509	-40.04	-13.0	27.0	Vertical	PASS



LTE Band 4 1.4MHz BW, Mid Channel, 16QAM



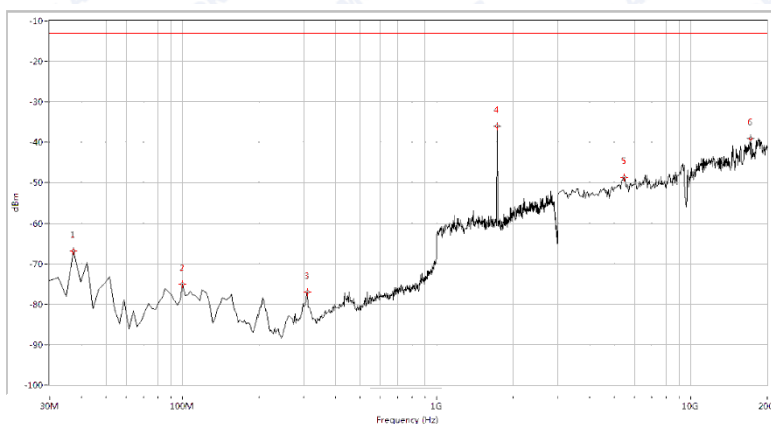
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
51.771	-72.55	-13.0	59.5	Horizontal	PASS
100.150	-73.70	-13.0	60.7	Horizontal	PASS
206.584	-78.18	-13.0	65.2	Horizontal	PASS
438.803	-76.74	-13.0	63.7	Horizontal	PASS
1733.167	-32.11	-13.0	19.1	Horizontal	N.A
9231.920	-43.08	-13.0	30.1	Horizontal	PASS



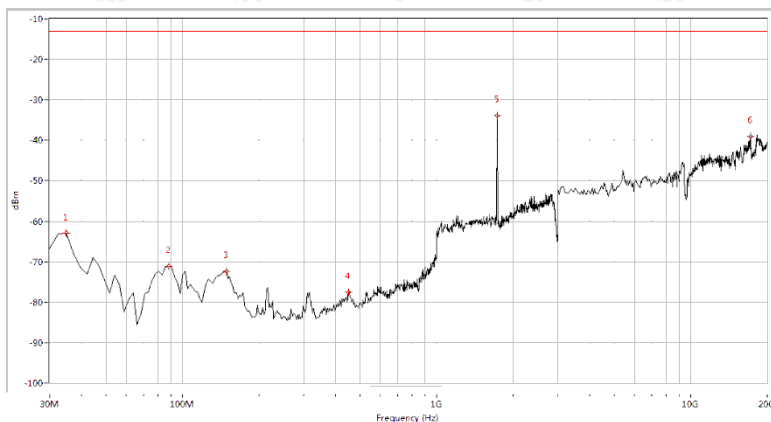
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
32.419	-62.35	-13.0	49.3	Vertical	PASS
85.636	-70.16	-13.0	57.2	Vertical	PASS
213.840	-77.54	-13.0	64.5	Vertical	PASS
458.155	-77.05	-13.0	64.0	Vertical	PASS
1733.167	-34.40	-13.0	21.4	Vertical	N.A
17201.995	-39.25	-13.0	26.2	Vertical	PASS



LTE Band 4 3MHz BW, Mid Channel, QPSK



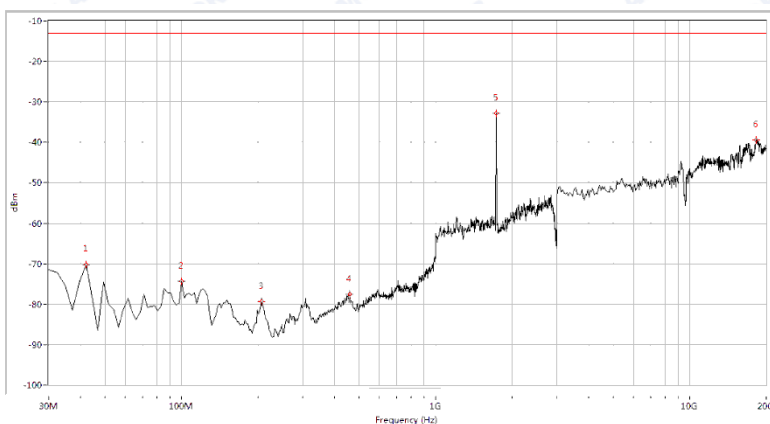
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-66.84	-13.0	53.8	Horizontal	PASS
100.150	-75.00	-13.0	62.0	Horizontal	PASS
310.599	-77.09	-13.0	64.1	Horizontal	PASS
1733.167	-35.97	-13.0	23.0	Horizontal	N.A
5458.853	-48.59	-13.0	35.6	Horizontal	PASS
17159.601	-38.98	-13.0	26.0	Horizontal	PASS



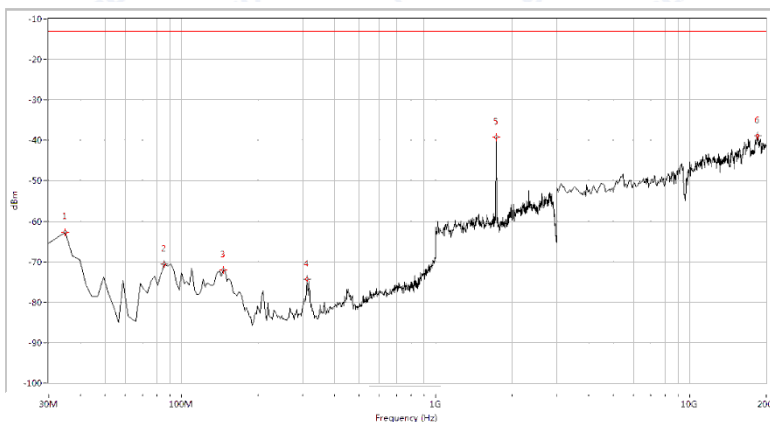
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.02	-13.0	50.0	Vertical	PASS
88.055	-71.13	-13.0	58.1	Vertical	PASS
148.529	-72.46	-13.0	59.5	Vertical	PASS
450.898	-77.57	-13.0	64.6	Vertical	PASS
1728.180	-33.86	-13.0	20.9	Vertical	N.A
17159.601	-39.08	-13.0	26.1	Vertical	PASS



LTE Band 4 3MHz BW, Mid Channel, 16QAM



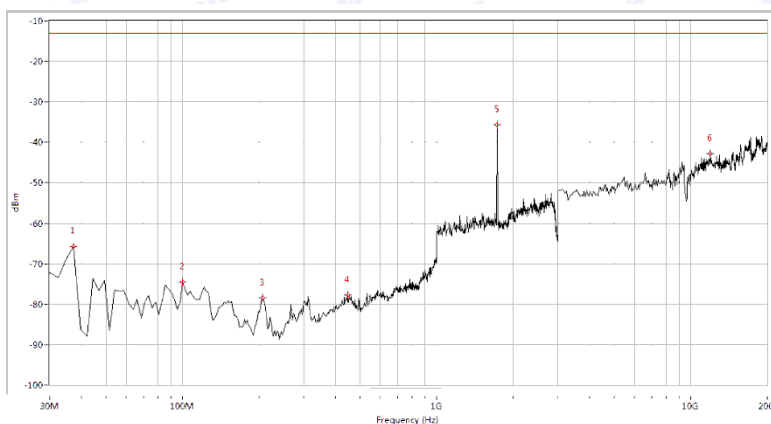
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.29	-13.0	57.3	Horizontal	PASS
100.150	-74.29	-13.0	61.3	Horizontal	PASS
206.584	-79.36	-13.0	66.4	Horizontal	PASS
458.155	-77.59	-13.0	64.6	Horizontal	PASS
1733.167	-32.73	-13.0	19.7	Horizontal	N.A
18261.845	-39.44	-13.0	26.4	Horizontal	PASS



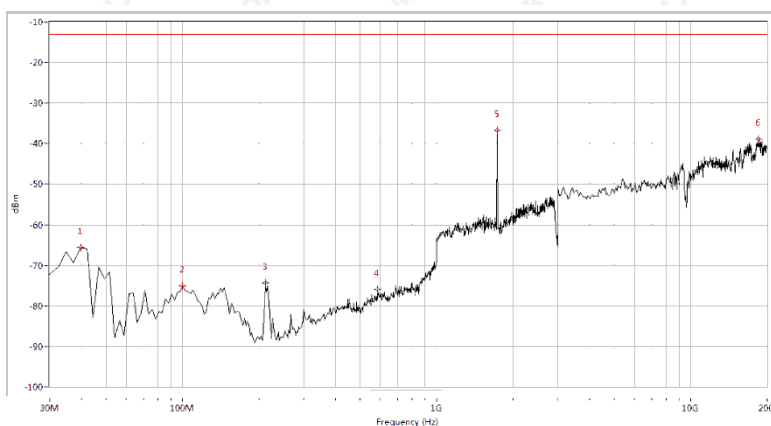
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.74	-13.0	49.7	Vertical	PASS
85.636	-70.65	-13.0	57.7	Vertical	PASS
146.110	-71.98	-13.0	59.0	Vertical	PASS
313.017	-74.32	-13.0	61.3	Vertical	PASS
1733.167	-39.16	-13.0	26.2	Vertical	N.A
18473.815	-38.94	-13.0	25.9	Vertical	PASS



LTE Band 4 5MHz BW, Mid Channel, QPSK



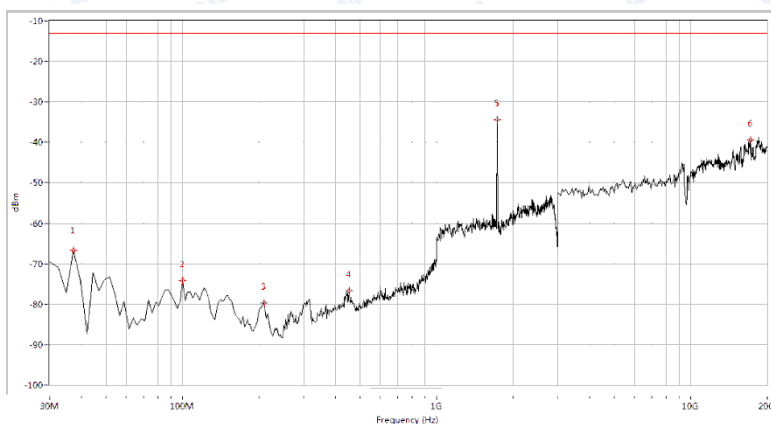
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-65.79	-13.0	52.8	Horizontal	PASS
100.150	-74.47	-13.0	61.5	Horizontal	PASS
206.584	-78.45	-13.0	65.4	Horizontal	PASS
446.060	-77.74	-13.0	64.7	Horizontal	PASS
1733.167	-35.74	-13.0	22.7	Horizontal	N.A
11945.137	-42.79	-13.0	29.8	Horizontal	PASS



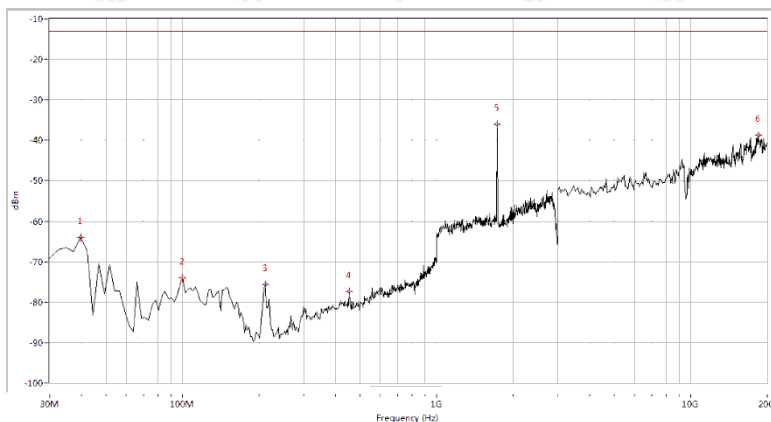
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
39.676	-65.63	-13.0	52.6	Vertical	PASS
100.150	-74.98	-13.0	62.0	Vertical	PASS
211.421	-74.34	-13.0	61.3	Vertical	PASS
586.359	-75.94	-13.0	62.9	Vertical	PASS
1728.180	-36.68	-13.0	23.7	Vertical	N.A
18473.815	-38.88	-13.0	25.9	Vertical	PASS



LTE Band 4 5MHz BW, Mid Channel, 16QAM



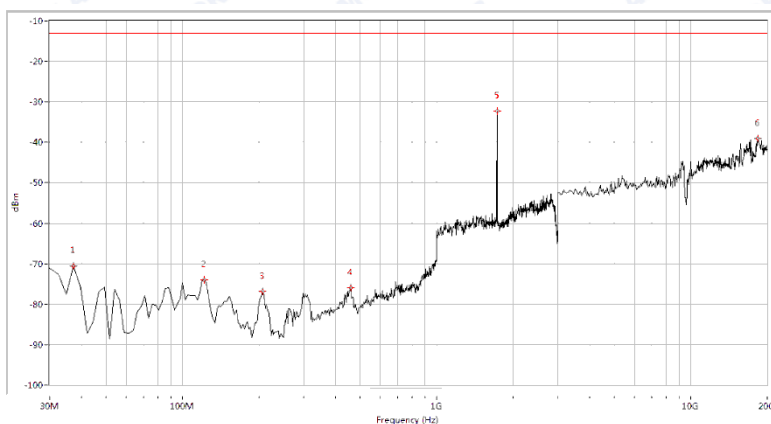
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-66.61	-13.0	53.6	Horizontal	PASS
100.150	-74.10	-13.0	61.1	Horizontal	PASS
209.002	-79.70	-13.0	66.7	Horizontal	PASS
453.317	-76.70	-13.0	63.7	Horizontal	PASS
1728.180	-34.33	-13.0	21.3	Horizontal	N.A
17159.601	-39.41	-13.0	26.4	Horizontal	PASS



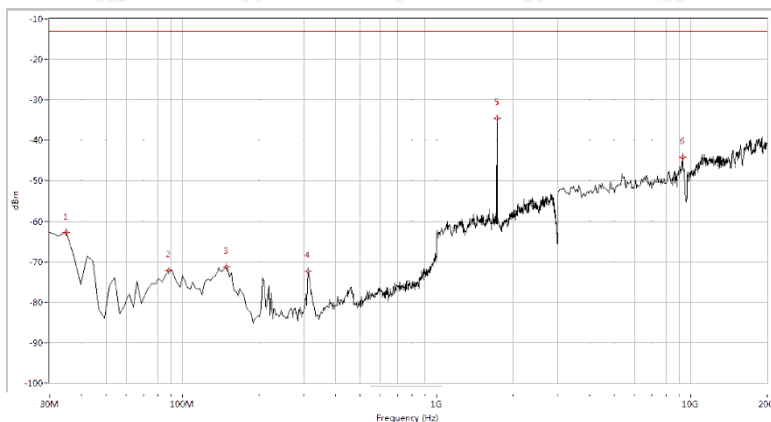
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
39.676	-63.96	-13.0	51.0	Vertical	PASS
100.150	-74.02	-13.0	61.0	Vertical	PASS
211.421	-75.61	-13.0	62.6	Vertical	PASS
453.317	-77.45	-13.0	64.4	Vertical	PASS
1728.180	-36.02	-13.0	23.0	Vertical	N.A
18473.815	-38.70	-13.0	25.7	Vertical	PASS



LTE Band 4 10MHz BW, Mid Channel, QPSK



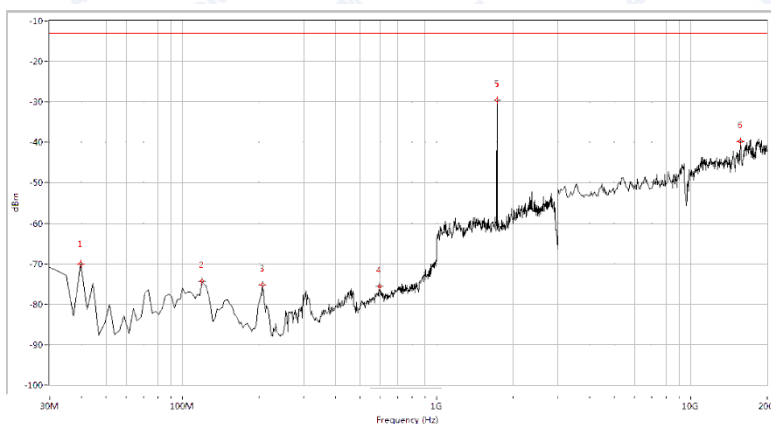
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-70.63	-13.0	57.6	Horizontal	PASS
121.920	-73.93	-13.0	60.9	Horizontal	PASS
206.584	-76.77	-13.0	63.8	Horizontal	PASS
458.155	-75.92	-13.0	62.9	Horizontal	PASS
1728.180	-32.23	-13.0	19.2	Horizontal	N.A
18346.633	-39.10	-13.0	26.1	Horizontal	PASS



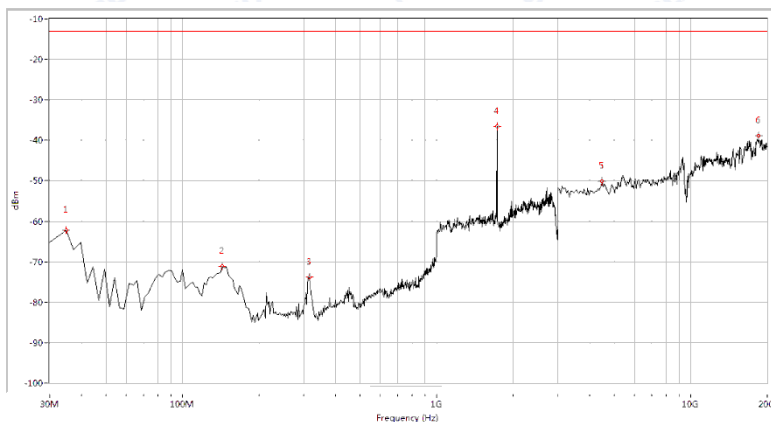
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.67	-13.0	49.7	Vertical	PASS
88.055	-72.27	-13.0	59.3	Vertical	PASS
148.529	-71.23	-13.0	58.2	Vertical	PASS
313.017	-72.35	-13.0	59.3	Vertical	PASS
1728.180	-34.66	-13.0	21.7	Vertical	N.A
9274.314	-44.16	-13.0	31.2	Vertical	PASS



LTE Band 4 10MHz BW, Mid Channel, 16QAM



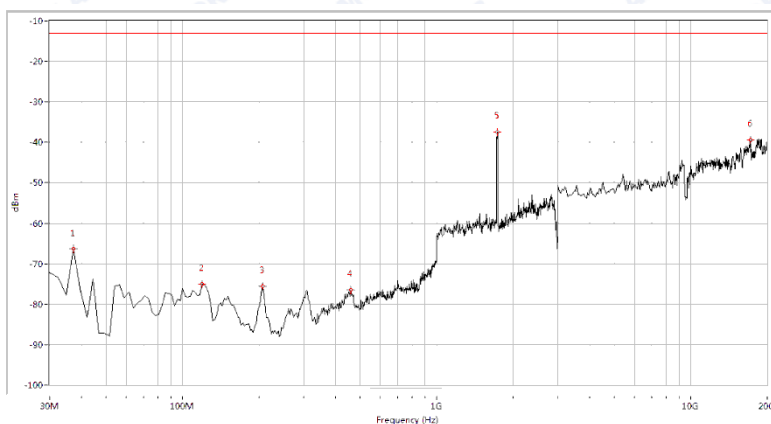
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
39.676	-70.13	-13.0	57.1	Horizontal	PASS
119.501	-74.39	-13.0	61.4	Horizontal	PASS
206.584	-75.15	-13.0	62.1	Horizontal	PASS
596.035	-75.64	-13.0	62.6	Horizontal	PASS
1728.180	-29.54	-13.0	16.5	Horizontal	N.A
15718.204	-39.76	-13.0	26.8	Horizontal	PASS



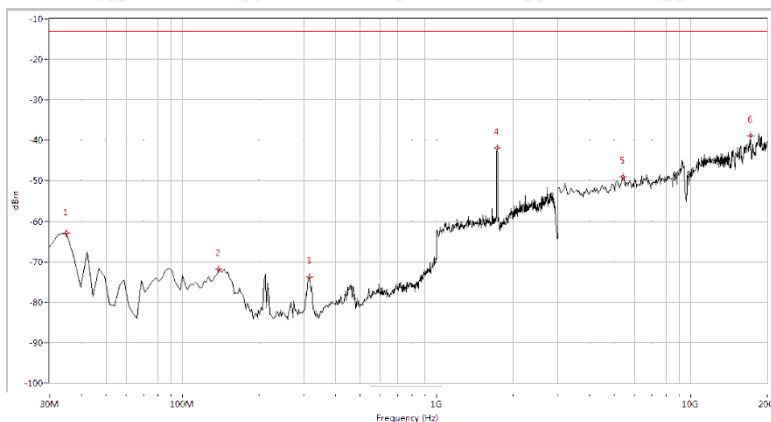
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.20	-13.0	49.2	Vertical	PASS
143.691	-71.05	-13.0	58.1	Vertical	PASS
315.436	-73.78	-13.0	60.8	Vertical	PASS
1728.180	-36.57	-13.0	23.6	Vertical	N.A
4483.791	-50.03	-13.0	37.0	Vertical	PASS
18473.815	-38.84	-13.0	25.8	Vertical	PASS



LTE Band 4 15MHz BW, Mid Channel, QPSK



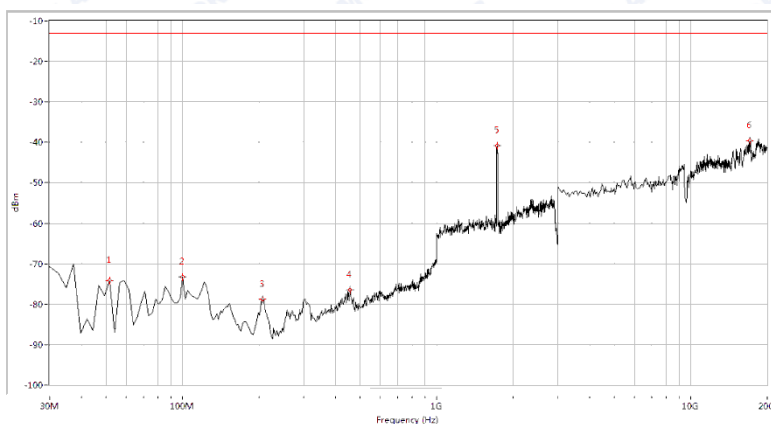
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-66.26	-13.0	53.3	Horizontal	PASS
119.501	-75.06	-13.0	62.1	Horizontal	PASS
206.584	-75.57	-13.0	62.6	Horizontal	PASS
458.155	-76.40	-13.0	63.4	Horizontal	PASS
1728.180	-37.42	-13.0	24.4	Horizontal	N.A
17201.995	-39.34	-13.0	26.3	Horizontal	PASS



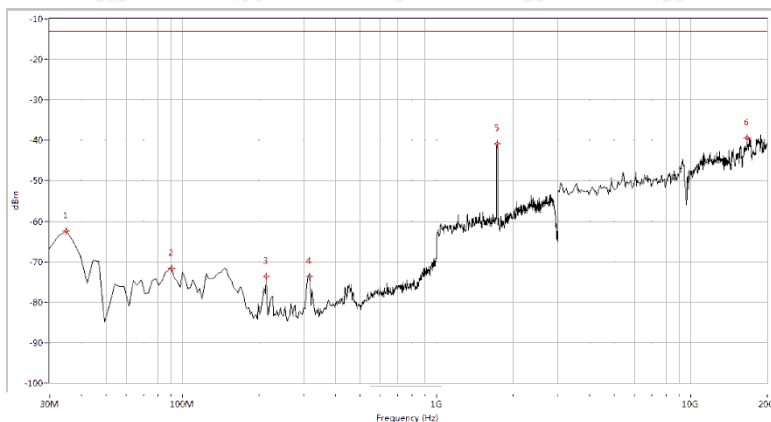
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.91	-13.0	49.9	Vertical	PASS
138.853	-71.77	-13.0	58.8	Vertical	PASS
315.436	-73.74	-13.0	60.7	Vertical	PASS
1728.180	-41.88	-13.0	28.9	Vertical	N.A
5416.459	-49.01	-13.0	36.0	Vertical	PASS
17159.601	-38.92	-13.0	25.9	Vertical	PASS



LTE Band 4 15MHz BW, Mid Channel, 16QAM



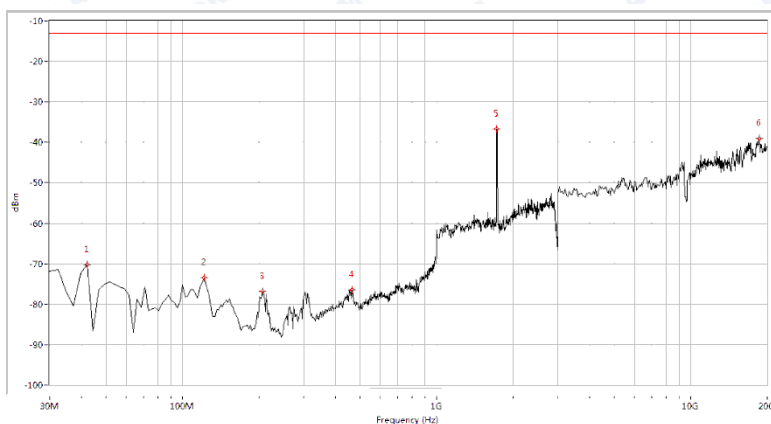
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
51.771	-74.20	-13.0	61.2	Horizontal	PASS
100.150	-73.33	-13.0	60.3	Horizontal	PASS
206.584	-78.75	-13.0	65.8	Horizontal	PASS
455.736	-76.46	-13.0	63.5	Horizontal	PASS
1728.180	-40.85	-13.0	27.9	Horizontal	N.A
17117.207	-39.53	-13.0	26.5	Horizontal	PASS



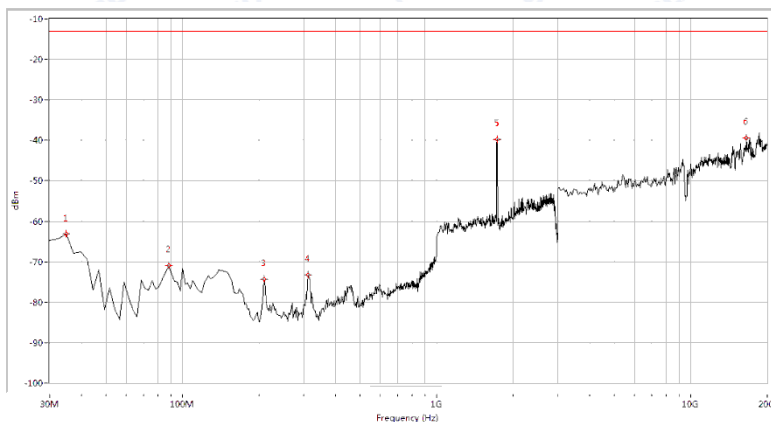
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.46	-13.0	49.5	Vertical	PASS
90.474	-71.71	-13.0	58.7	Vertical	PASS
213.840	-73.66	-13.0	60.7	Vertical	PASS
315.436	-73.60	-13.0	60.6	Vertical	PASS
1728.180	-40.77	-13.0	27.8	Vertical	N.A
16650.873	-39.46	-13.0	26.5	Vertical	PASS



LTE Band 4 20MHz BW, Mid Channel, QPSK



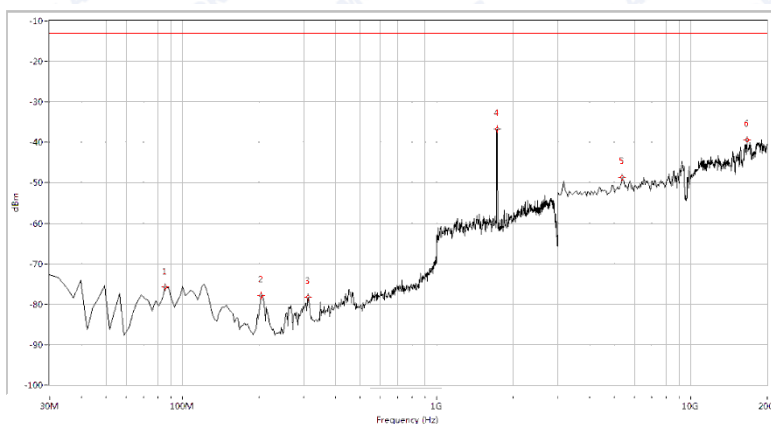
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-70.28	-13.0	57.3	Horizontal	PASS
121.920	-73.52	-13.0	60.5	Horizontal	PASS
206.584	-76.91	-13.0	63.9	Horizontal	PASS
465.411	-76.47	-13.0	63.5	Horizontal	PASS
1723.192	-36.74	-13.0	23.7	Horizontal	N.A
18558.603	-39.04	-13.0	26.0	Horizontal	PASS



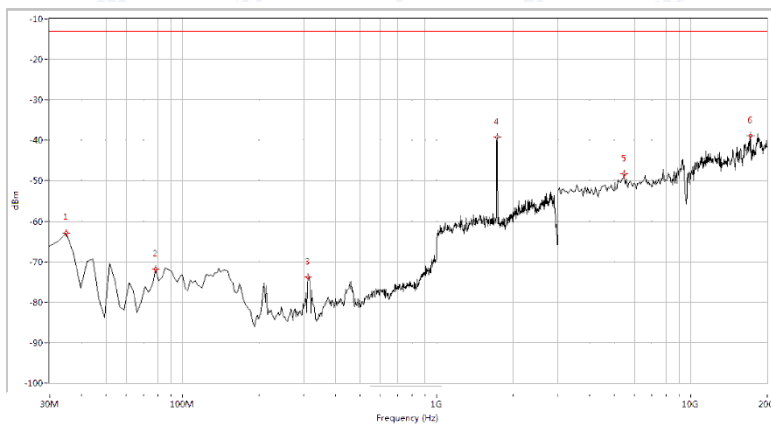
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.06	-13.0	50.1	Vertical	PASS
88.055	-70.93	-13.0	57.9	Vertical	PASS
209.002	-74.27	-13.0	61.3	Vertical	PASS
313.017	-73.35	-13.0	60.3	Vertical	PASS
1728.180	-39.72	-13.0	26.7	Vertical	N.A
16566.085	-39.37	-13.0	26.4	Vertical	PASS



LTE Band 4 20MHz BW, Mid Channel, 16QAM



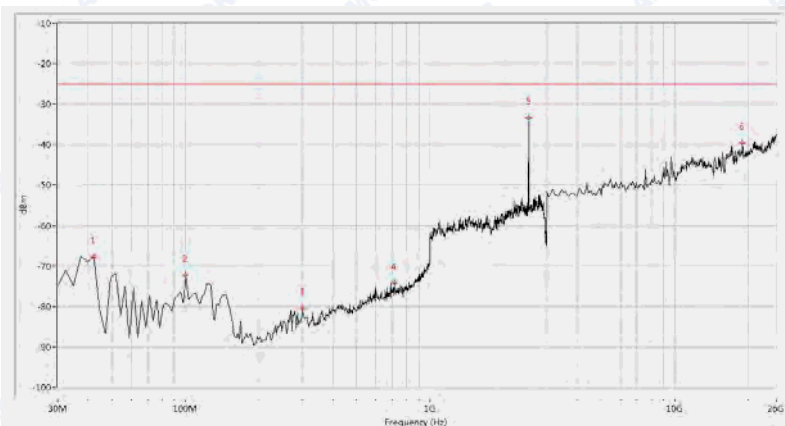
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
85.636	-75.78	-13.0	62.8	Horizontal	PASS
204.165	-77.91	-13.0	64.9	Horizontal	PASS
313.017	-78.34	-13.0	65.3	Horizontal	PASS
1728.180	-36.70	-13.0	23.7	Horizontal	N.A
5374.065	-48.61	-13.0	35.6	Horizontal	PASS
16608.479	-39.40	-13.0	26.4	Horizontal	PASS



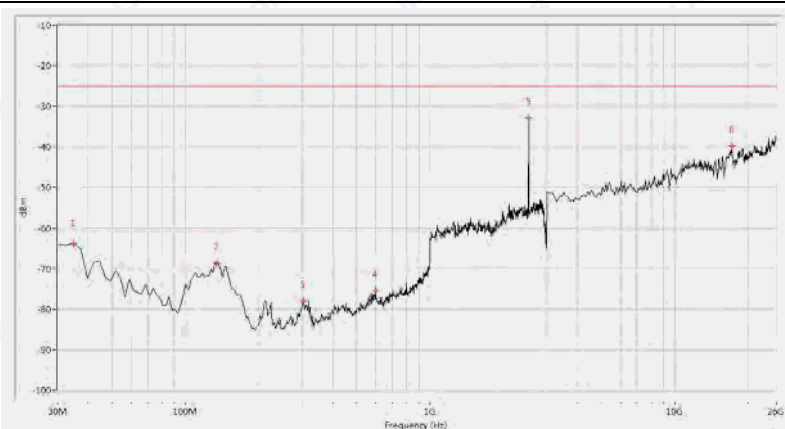
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.00	-13.0	50.0	Vertical	PASS
78.379	-71.91	-13.0	58.9	Vertical	PASS
313.017	-73.80	-13.0	60.8	Vertical	PASS
1728.180	-39.21	-13.0	26.2	Vertical	N.A
5458.853	-48.34	-13.0	35.3	Vertical	PASS
17159.601	-38.81	-13.0	25.8	Vertical	PASS



LTE Band 7 5MHz BW, Mid Channel, QPSK



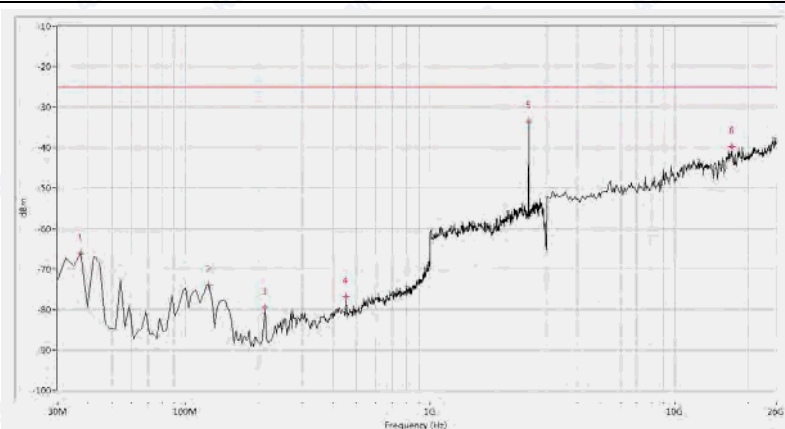
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.80	-25.0	42.8	Horizontal	PASS
100.150	-72.24	-25.0	47.2	Horizontal	PASS
300.923	-80.36	-25.0	55.4	Horizontal	PASS
714.564	-74.21	-25.0	49.2	Horizontal	PASS
2531.172	-33.33	-25.0	8.3	Horizontal	N.A
18945.137	-39.65	-25.0	14.6	Horizontal	PASS



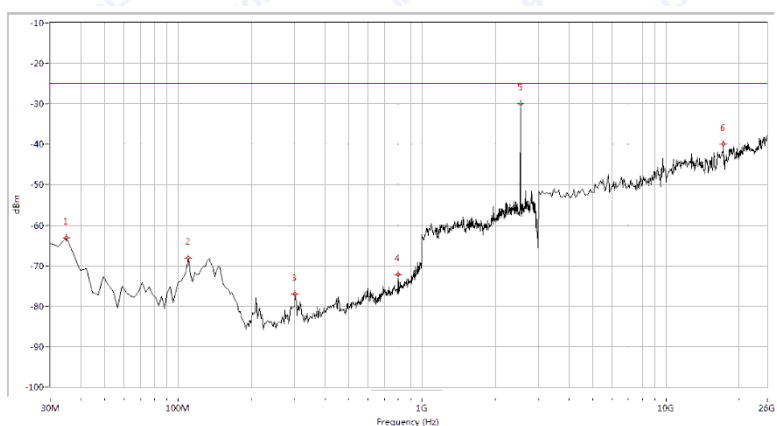
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.85	-25.0	38.9	Vertical	PASS
134.015	-68.69	-25.0	43.7	Vertical	PASS
303.342	-77.82	-25.0	52.8	Vertical	PASS
598.454	-75.36	-25.0	50.4	Vertical	PASS
2531.172	-32.81	-25.0	7.8	Vertical	N.A
17167.082	-39.68	-25.0	14.7	Vertical	PASS



LTE Band 7 5MHz BW, Mid Channel, 16QAM



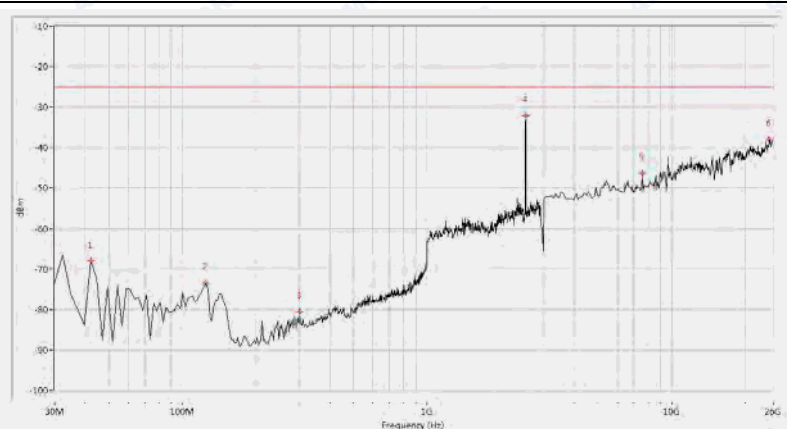
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-66.07	-25.0	41.1	Horizontal	PASS
124.339	-74.04	-25.0	49.0	Horizontal	PASS
211.421	-79.44	-25.0	54.4	Horizontal	PASS
453.317	-76.75	-25.0	51.8	Horizontal	PASS
2531.172	-33.61	-25.0	8.6	Horizontal	N.A
17109.726	-39.84	-25.0	14.8	Horizontal	PASS



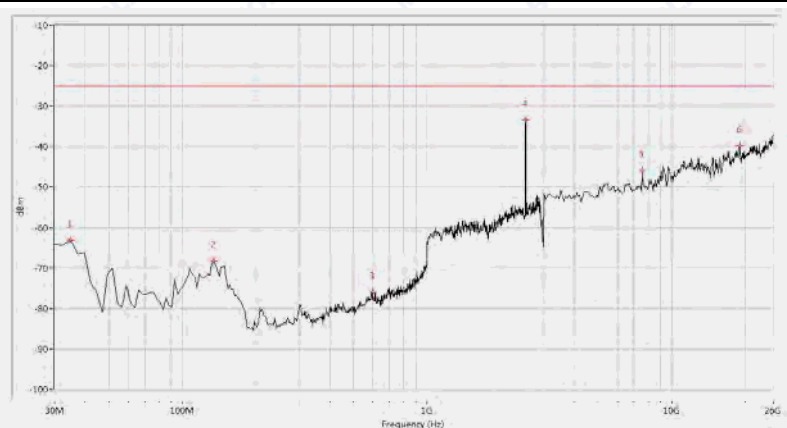
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.02	-25.0	38.0	Vertical	PASS
109.825	-68.13	-25.0	43.1	Vertical	PASS
300.923	-76.94	-25.0	51.9	Vertical	PASS
799.227	-72.20	-25.0	47.2	Vertical	PASS
2531.172	-29.95	-25.0	4.9	Vertical	N.A
17167.082	-39.98	-25.0	15.0	Vertical	PASS



LTE Band 7 10MHz BW, Mid Channel, QPSK



Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.95	-25.0	43.0	Horizontal	PASS
124.339	-73.42	-25.0	48.4	Horizontal	PASS
300.923	-80.61	-25.0	55.6	Horizontal	PASS
2531.172	-32.15	-25.0	7.1	Horizontal	N.A
7588.529	-46.43	-25.0	21.4	Horizontal	PASS
25024.938	-37.96	-25.0	13.0	Horizontal	PASS

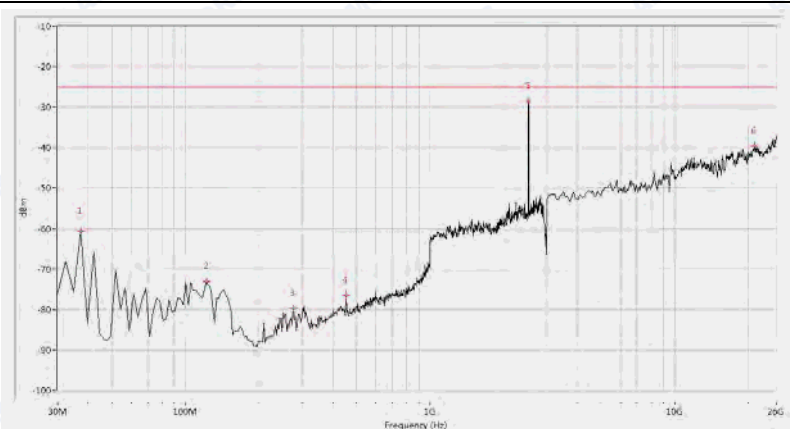


Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.10	-25.0	38.1	Vertical	PASS
134.015	-68.28	-25.0	43.3	Vertical	PASS
598.454	-76.00	-25.0	51.0	Vertical	PASS
2531.172	-33.44	-25.0	8.4	Vertical	N.A
7588.529	-45.93	-25.0	20.9	Vertical	PASS
19002.494	-39.82	-25.0	14.8	Vertical	PASS

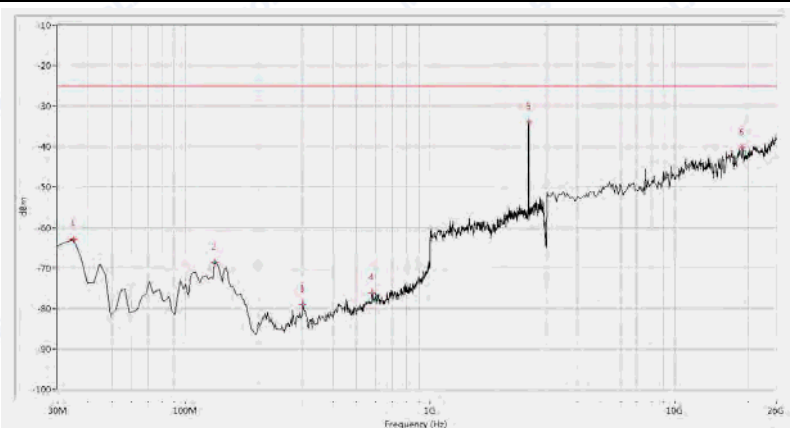


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LTE Band 7 10MHz BW, Mid Channel, 16QAM



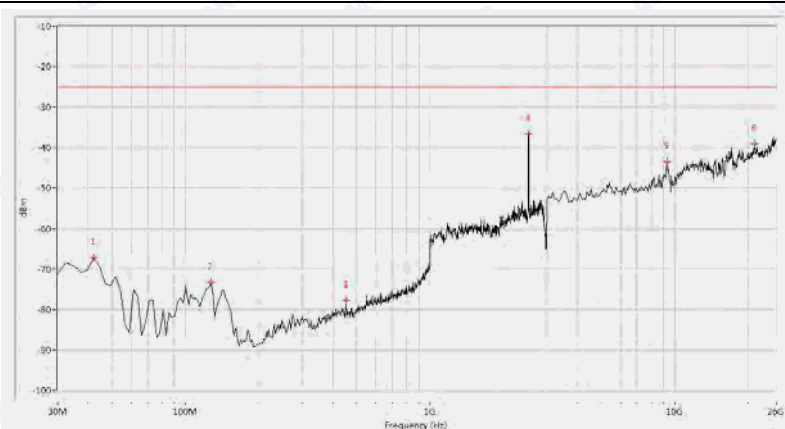
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
37.257	-60.68	-25.0	35.7	Horizontal	PASS
121.920	-73.17	-25.0	48.2	Horizontal	PASS
276.733	-79.59	-25.0	54.6	Horizontal	PASS
453.317	-76.54	-25.0	51.5	Horizontal	PASS
2526.185	-28.52	-25.0	3.5	Horizontal	N.A
21182.045	-39.56	-25.0	14.6	Horizontal	PASS



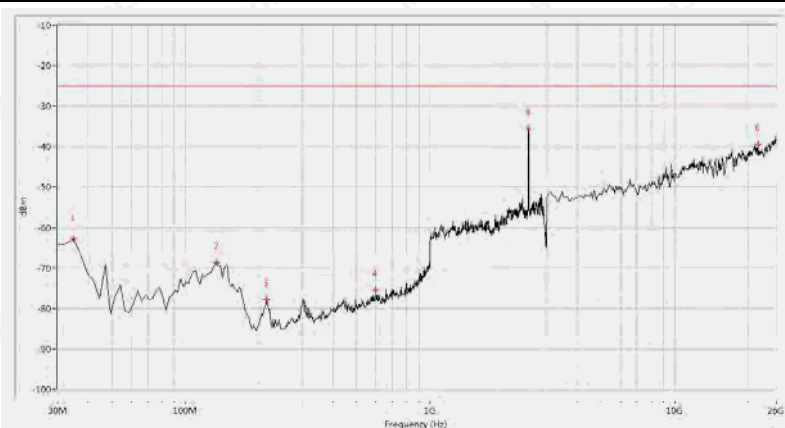
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.87	-25.0	37.9	Vertical	PASS
131.596	-68.67	-25.0	43.7	Vertical	PASS
300.923	-78.96	-25.0	54.0	Vertical	PASS
579.102	-76.05	-25.0	51.1	Vertical	PASS
2531.172	-33.82	-25.0	8.8	Vertical	N.A
18945.137	-40.29	-25.0	15.3	Vertical	PASS



LTE Band 7 15MHz BW, Mid Channel, QPSK



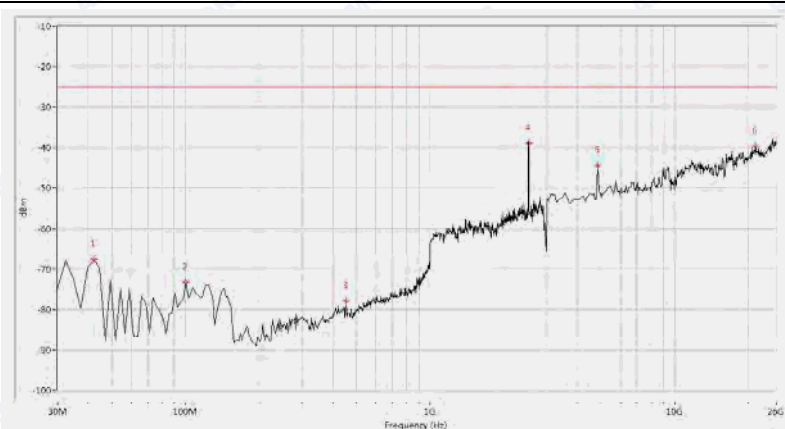
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.16	-25.0	42.2	Horizontal	PASS
126.758	-73.19	-25.0	48.2	Horizontal	PASS
453.317	-77.75	-25.0	52.8	Horizontal	PASS
2536.160	-36.64	-25.0	11.6	Horizontal	N.A
9309.227	-43.52	-25.0	18.5	Horizontal	PASS
21182.045	-39.06	-25.0	14.1	Horizontal	PASS



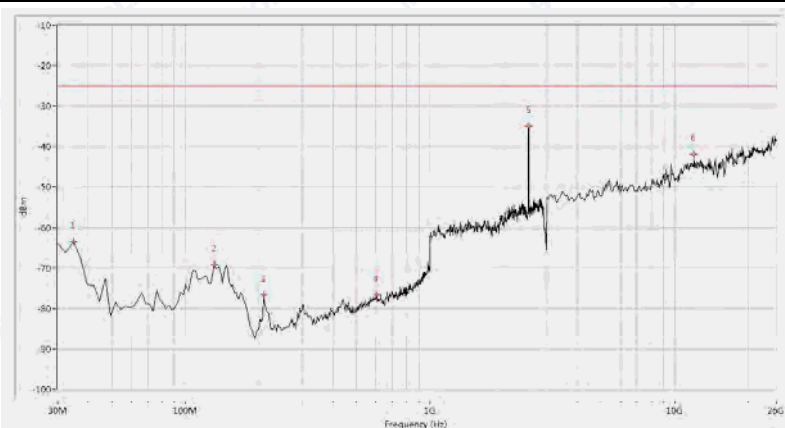
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.77	-25.0	37.8	Vertical	PASS
134.015	-68.57	-25.0	43.6	Vertical	PASS
213.840	-77.66	-25.0	52.7	Vertical	PASS
598.454	-75.49	-25.0	50.5	Vertical	PASS
2526.185	-35.56	-25.0	10.6	Vertical	N.A
21870.324	-39.42	-25.0	14.4	Vertical	PASS



LTE Band 7 15MHz BW, Mid Channel, 16QAM



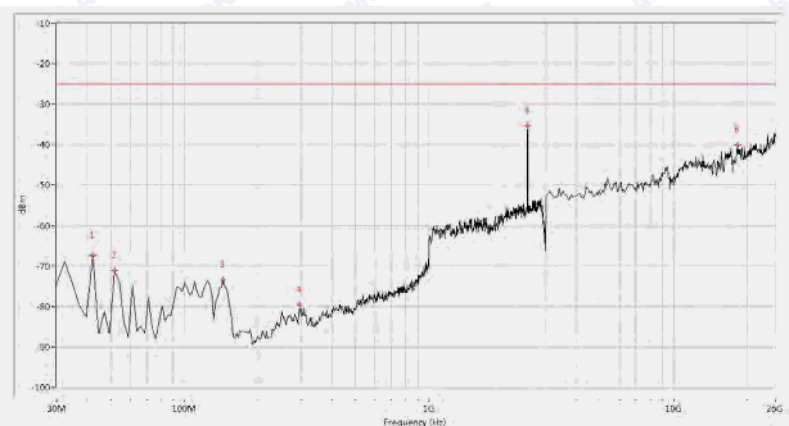
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.64	-25.0	42.6	Horizontal	PASS
100.150	-73.22	-25.0	48.2	Horizontal	PASS
453.317	-77.88	-25.0	52.9	Horizontal	PASS
2531.172	-38.86	-25.0	13.9	Horizontal	N.A
4835.411	-44.46	-25.0	19.5	Horizontal	PASS
21354.115	-39.55	-25.0	14.5	Horizontal	PASS



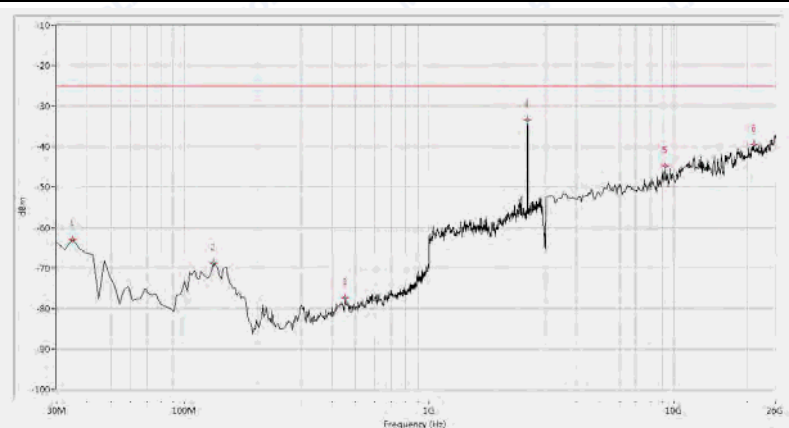
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-63.54	-25.0	38.5	Vertical	PASS
131.596	-69.15	-25.0	44.2	Vertical	PASS
209.002	-76.73	-25.0	51.7	Vertical	PASS
603.292	-76.58	-25.0	51.6	Vertical	PASS
2531.172	-34.92	-25.0	9.9	Vertical	N.A
12004.988	-41.91	-25.0	16.9	Vertical	PASS



LTE Band 7 20MHz BW, Mid Channel, QPSK



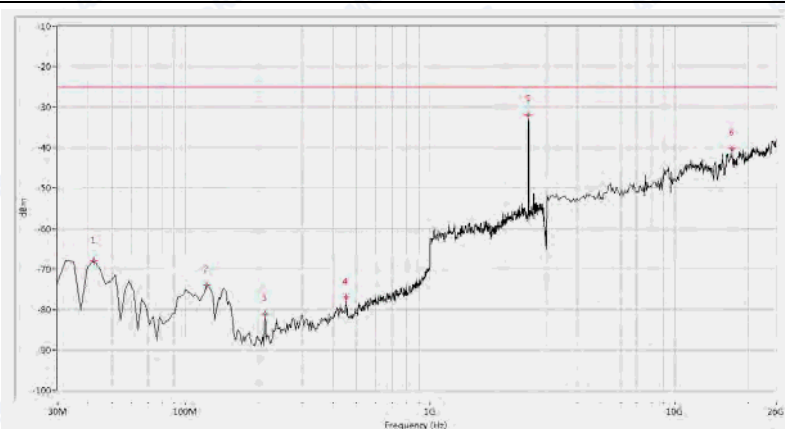
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.32	-25.0	42.3	Horizontal	PASS
51.771	-71.18	-25.0	46.2	Horizontal	PASS
143.691	-73.40	-25.0	48.4	Horizontal	PASS
296.085	-79.58	-25.0	54.6	Horizontal	PASS
2526.185	-35.31	-25.0	10.3	Horizontal	N.A
18199.501	-40.07	-25.0	15.1	Horizontal	PASS



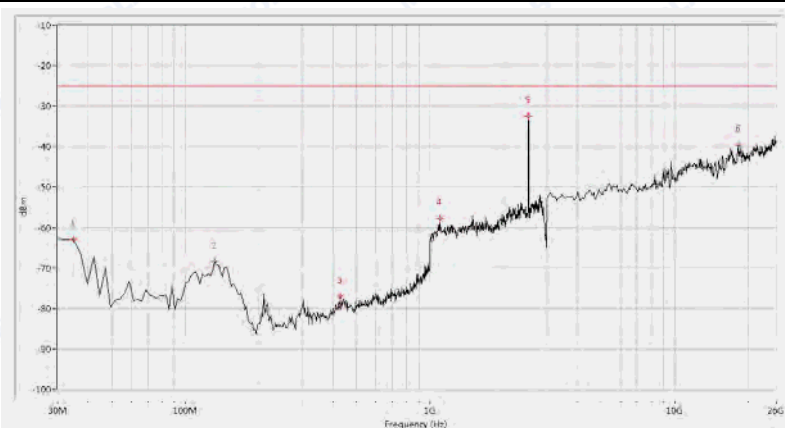
Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.97	-25.0	38.0	Vertical	PASS
131.596	-68.81	-25.0	43.8	Vertical	PASS
453.317	-77.35	-25.0	52.3	Vertical	PASS
2526.185	-33.27	-25.0	8.3	Vertical	N.A
9251.870	-44.74	-25.0	19.7	Vertical	PASS
21296.758	-39.34	-25.0	14.3	Vertical	PASS



LTE Band 7 20MHz BW, Mid Channel, 16QAM



Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
42.095	-67.95	-25.0	42.9	Horizontal	PASS
121.920	-73.92	-25.0	48.9	Horizontal	PASS
211.421	-81.19	-25.0	56.2	Horizontal	PASS
453.317	-76.98	-25.0	52.0	Horizontal	PASS
2526.185	-31.84	-25.0	6.8	Horizontal	N.A
17167.082	-40.33	-25.0	15.3	Horizontal	PASS



Fre. (MHz)	Peak	Limit(PK)	Margin	Antenna	Verdict
34.838	-62.87	-25.0	37.9	Vertical	PASS
131.596	-68.43	-25.0	43.4	Vertical	PASS
429.127	-77.06	-25.0	52.1	Vertical	PASS
1094.763	-57.70	-25.0	32.7	Vertical	PASS
2526.185	-32.40	-25.0	7.4	Vertical	N.A
18199.501	-39.59	-25.0	14.6	Vertical	PASS

***** END OF REPORT *****