



REPORT No.: SZ25110146W04

TEST REPORT

APPLICANT : Strutt Pte. Ltd.

PRODUCT NAME : Smart Everyday Vehicle

MODEL NAME : Strutt ev¹, Strutt ev¹c

BRAND NAME : STRUTT

FCC ID : 2BUN8-SEV1

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart F&H&L&M

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Change History		
Version	Date	Reason for change
1.0	2026-04-10	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Strutt Pte. Ltd.
Applicant Address:	1 BULIM LANE 2, #05-53 Bulim Square Singapore (648110)
Manufacturer:	Strutt Pte. Ltd.
Manufacturer Address:	1 BULIM LANE 2, #05-53 Bulim Square Singapore (648110)

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Everyday Vehicle	
Sample No.:	4#	
Hardware Version:	v1.0.0.0	
Software Version:	v1.0.0.0	
Modulation Type:	QPSK, 16QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 25 / 38 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2535MHz–2675MHz



		Rx: 2535MHz–2675MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2180MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	FPC Antenna	
Antenna Gain:	LTE Band 2	4.13dBi
	LTE Band 4	5.14dBi
	LTE Band 5	0.69dBi
	LTE Band 7	2.27dBi
	LTE Band 12	-0.58dBi
	LTE Band 13	-0.58dBi
	LTE Band 25	4.13dBi
	LTE Band 38	2.27dBi
	LTE Band 41	2.27dBi
	LTE Band 66	5.14dBi

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

Note 2: The test results of all conducted test items please refer to the module FCC test report (Report No.: W7L-P23070009RF01 / W7L-P23070009RF02 / W7L-P23070009RF03 / W7L-P23070009RF04), which issued on Sep. 11, 2023 by BV 7Layers Communications Technology(Shenzhen)Co.,Ltd. We only recorded the radiated test result in this report.



1.3. Maximum E.R.P./E.I.R.P.

LTE Band 2			Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM		
20	0.830	0.665		
15	0.824	0.664		
10	0.826	0.650		
5	0.828	0.661		
3	0.811	0.665		
1.4	0.811	0.662		
LTE Band 4			Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM		
20	0.675	0.592		
15	0.665	0.586		
10	0.673	0.585		
5	0.671	0.590		
3	0.671	0.592		
1.4	0.665	0.603		
LTE Band 5			Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM		
10	0.153	0.131		
5	0.152	0.130		
3	0.152	0.130		
1.4	0.152	0.142		
LTE Band 7			Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM		
20	0.484	0.434		
15	0.479	0.425		
10	0.476	0.430		
5	0.471	0.431		
LTE Band 12			Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM		
10	0.136	0.108		
5	0.135	0.107		
3	0.135	0.107		
1.4	0.135	0.126		



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM	
10	0.121	0.103	
5	0.121	0.103	
LTE Band 25		Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM	
20	0.776	0.650	
15	0.766	0.646	
10	0.773	0.643	
5	0.762	0.638	
3	0.774	0.632	
1.4	0.764	0.664	
LTE Band 38		Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM	
20	0.367	0.298	
15	0.366	0.295	
10	0.364	0.294	
5	0.366	0.292	
LTE Band 41		Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM	
20	0.303	0.254	
15	0.301	0.252	
10	0.301	0.253	
5	0.301	0.251	
LTE Band 66		Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM	
20	0.724	0.608	
15	0.721	0.608	
10	0.719	0.603	
5	0.719	0.605	
3	0.710	0.607	
1.4	0.708	0.647	



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24 and Part 27 for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	E.R.P./E.I.R.P.	Mar. 31, 2026	Liu Huiyan	PASS	/
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Feb. 02, 2026	Tian Xin	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.

Note 4: The test results of all conducted test items please refer to the module FCC test report (Report No.: W7L-P23070009RF01 / W7L-P23070009RF02 / W7L-P23070009RF03 / W7L-P23070009RF04), which issued on Sep. 11, 2023 by BV 7Layers Communications Technology(Shenzhen)Co.,Ltd.



1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N Requirements

2.1.E.R.P./E.I.R.P.

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

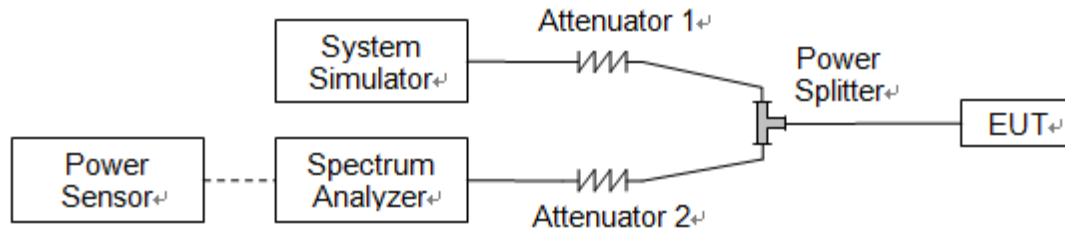
According to FCC section 22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

According to FCC section 27.50 (c)(10) for LTE Band 12, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test Procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15

**2.1.4. Result****Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	27.00	0.501	27.45	0.556	28.51	0.710
20	QPSK	1	50	29.19	0.830	27.38	0.547	26.95	0.495
20	QPSK	1	99	27.73	0.593	28.78	0.755	28.13	0.650
20	QPSK	50	0	27.12	0.515	26.06	0.404	27.14	0.518
20	QPSK	50	25	27.91	0.618	26.35	0.432	26.30	0.427
20	QPSK	50	50	27.58	0.573	27.07	0.509	26.40	0.437
20	QPSK	100	0	27.39	0.548	26.65	0.462	26.66	0.463
20	16QAM	1	0	25.85	0.385	26.68	0.466	27.84	0.608
20	16QAM	1	50	28.23	0.665	26.69	0.467	26.26	0.423
20	16QAM	1	99	26.72	0.470	28.09	0.644	27.41	0.551
20	16QAM	12	0	25.97	0.395	26.30	0.427	27.59	0.574
20	16QAM	12	42	27.99	0.630	26.33	0.430	26.13	0.410
20	16QAM	12	86	26.99	0.500	27.69	0.587	26.99	0.500
20	16QAM	27	0	25.30	0.339	25.34	0.342	26.61	0.458



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.90	0.490	27.43	0.553	28.48	0.705
15	QPSK	1	37	29.16	0.824	27.32	0.540	26.84	0.483
15	QPSK	1	74	27.72	0.592	28.66	0.735	28.08	0.643
15	QPSK	36	0	27.04	0.506	25.97	0.395	27.10	0.513
15	QPSK	36	19	27.84	0.608	26.25	0.422	26.23	0.420
15	QPSK	36	39	27.55	0.569	27.04	0.506	26.28	0.425
15	QPSK	75	0	27.29	0.536	26.55	0.452	26.64	0.461
15	16QAM	1	0	25.79	0.379	26.67	0.465	27.83	0.607
15	16QAM	1	37	28.22	0.664	26.59	0.456	26.15	0.412
15	16QAM	1	74	26.70	0.468	28.02	0.634	27.33	0.541
15	16QAM	12	0	25.95	0.394	26.27	0.424	27.56	0.570
15	16QAM	12	30	27.91	0.618	26.24	0.421	26.03	0.401
15	16QAM	12	61	26.98	0.499	27.57	0.571	26.99	0.500
15	16QAM	27	0	25.21	0.332	25.26	0.336	26.50	0.447



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.97	0.498	27.38	0.547	28.41	0.693
10	QPSK	1	24	29.17	0.826	27.33	0.541	26.84	0.483
10	QPSK	1	49	27.70	0.589	28.70	0.741	28.07	0.641
10	QPSK	25	0	27.10	0.513	26.04	0.402	27.06	0.508
10	QPSK	25	12	27.91	0.618	26.34	0.431	26.27	0.424
10	QPSK	25	25	27.58	0.573	27.02	0.504	26.33	0.430
10	QPSK	50	0	27.29	0.536	26.60	0.457	26.55	0.452
10	16QAM	1	0	25.76	0.377	26.64	0.461	27.76	0.597
10	16QAM	1	24	28.13	0.650	26.64	0.461	26.15	0.412
10	16QAM	1	49	26.64	0.461	28.07	0.641	27.39	0.548
10	16QAM	12	0	25.94	0.393	26.27	0.424	27.57	0.571
10	16QAM	12	17	27.90	0.617	26.23	0.420	26.07	0.405
10	16QAM	12	36	26.97	0.498	27.68	0.586	26.92	0.492
10	16QAM	27	0	25.23	0.333	25.32	0.340	26.60	0.457



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.91	0.491	27.36	0.545	28.40	0.692
5	QPSK	1	12	29.18	0.828	27.27	0.533	26.87	0.486
5	QPSK	1	24	27.67	0.585	28.70	0.741	28.13	0.650
5	QPSK	12	0	27.04	0.506	26.02	0.400	27.06	0.508
5	QPSK	12	6	27.83	0.607	26.34	0.431	26.21	0.418
5	QPSK	12	13	27.55	0.569	27.01	0.502	26.36	0.433
5	QPSK	25	0	27.27	0.533	26.56	0.453	26.59	0.456
5	16QAM	1	0	25.78	0.378	26.61	0.458	27.82	0.605
5	16QAM	1	12	28.20	0.661	26.59	0.456	26.17	0.414
5	16QAM	1	24	26.64	0.461	28.04	0.637	27.37	0.546
5	16QAM	12	0	25.90	0.389	26.22	0.419	27.51	0.564
5	16QAM	12	6	27.87	0.612	26.26	0.423	26.07	0.405
5	16QAM	12	13	26.90	0.490	27.63	0.579	26.95	0.495
5	16QAM	25	0	25.28	0.337	25.32	0.340	26.55	0.452



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.97	0.498	27.36	0.545	28.49	0.706
3	QPSK	1	7	29.09	0.811	27.35	0.543	26.92	0.492
3	QPSK	1	14	27.64	0.581	28.72	0.745	28.08	0.643
3	QPSK	8	0	27.09	0.512	26.04	0.402	27.07	0.509
3	QPSK	8	3	27.84	0.608	26.25	0.422	26.21	0.418
3	QPSK	8	7	27.55	0.569	26.97	0.498	26.34	0.431
3	QPSK	15	0	27.33	0.541	26.61	0.458	26.60	0.457
3	16QAM	1	0	25.83	0.383	26.67	0.465	27.80	0.603
3	16QAM	1	7	28.23	0.665	26.67	0.465	26.14	0.411
3	16QAM	1	14	26.69	0.467	28.01	0.632	27.34	0.542
3	16QAM	8	0	25.95	0.394	26.23	0.420	27.48	0.560
3	16QAM	8	3	27.92	0.619	26.23	0.420	26.04	0.402
3	16QAM	8	7	26.89	0.489	27.60	0.575	26.95	0.495
3	16QAM	15	0	25.21	0.332	25.23	0.333	26.50	0.447



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.99	0.500	27.41	0.551	28.41	0.693
1.4	QPSK	1	2	29.09	0.811	27.37	0.546	26.93	0.493
1.4	QPSK	1	5	27.70	0.589	28.71	0.743	28.02	0.634
1.4	QPSK	3	0	27.59	0.574	26.47	0.444	27.52	0.565
1.4	QPSK	3	1	28.31	0.678	26.84	0.483	26.76	0.474
1.4	QPSK	3	3	28.02	0.634	27.52	0.565	26.84	0.483
1.4	QPSK	6	0	27.36	0.545	26.62	0.459	26.58	0.455
1.4	16QAM	1	0	25.84	0.384	26.67	0.465	27.76	0.597
1.4	16QAM	1	2	28.21	0.662	26.62	0.459	26.17	0.414
1.4	16QAM	1	5	26.61	0.458	27.97	0.627	27.29	0.536
1.4	16QAM	3	0	26.13	0.410	26.44	0.441	27.75	0.596
1.4	16QAM	3	1	28.08	0.643	26.45	0.442	26.23	0.420
1.4	16QAM	3	3	27.08	0.511	27.88	0.614	27.08	0.511
1.4	16QAM	6	0	25.20	0.331	25.30	0.339	26.57	0.454



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.18	0.658	28.24	0.667	27.64	0.581
20	QPSK	1	50	28.29	0.675	27.94	0.622	28.28	0.673
20	QPSK	1	99	27.98	0.628	28.28	0.673	27.98	0.628
20	QPSK	50	0	27.20	0.525	27.24	0.530	27.08	0.511
20	QPSK	50	25	27.22	0.527	27.09	0.512	27.37	0.546
20	QPSK	50	50	27.19	0.524	27.17	0.521	27.45	0.556
20	QPSK	100	0	27.21	0.526	27.28	0.535	27.31	0.538
20	16QAM	1	0	27.44	0.555	27.65	0.582	27.05	0.507
20	16QAM	1	50	27.63	0.579	27.37	0.546	27.67	0.585
20	16QAM	1	99	27.29	0.536	27.72	0.592	27.46	0.557
20	16QAM	12	0	27.31	0.538	27.47	0.558	26.89	0.489
20	16QAM	12	24	27.33	0.541	27.14	0.518	27.40	0.550
20	16QAM	12	50	27.20	0.525	27.41	0.551	27.38	0.547
20	16QAM	27	0	26.37	0.434	26.50	0.447	26.07	0.405



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	28.08	0.643	28.16	0.655	27.53	0.566
15	QPSK	1	37	28.22	0.664	27.89	0.615	28.23	0.665
15	QPSK	1	74	27.98	0.628	28.20	0.661	27.97	0.627
15	QPSK	36	0	27.09	0.512	27.14	0.518	26.99	0.500
15	QPSK	36	19	27.10	0.513	27.03	0.505	27.31	0.538
15	QPSK	36	39	27.13	0.516	27.16	0.520	27.42	0.552
15	QPSK	75	0	27.19	0.524	27.17	0.521	27.22	0.527
15	16QAM	1	0	27.38	0.547	27.55	0.569	26.93	0.493
15	16QAM	1	37	27.60	0.575	27.26	0.532	27.60	0.575
15	16QAM	1	74	27.20	0.525	27.68	0.586	27.35	0.543
15	16QAM	12	0	27.24	0.530	27.37	0.546	26.85	0.484
15	16QAM	12	30	27.28	0.535	27.14	0.518	27.33	0.541
15	16QAM	12	61	27.16	0.520	27.29	0.536	27.37	0.546
15	16QAM	27	0	26.32	0.429	26.44	0.441	25.96	0.394



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.15	0.653	28.18	0.658	27.55	0.569
10	QPSK	1	24	28.22	0.664	27.84	0.608	28.18	0.658
10	QPSK	1	49	27.88	0.614	28.28	0.673	27.92	0.619
10	QPSK	25	0	27.16	0.520	27.22	0.527	27.03	0.505
10	QPSK	25	12	27.20	0.525	27.01	0.502	27.26	0.532
10	QPSK	25	25	27.08	0.511	27.05	0.507	27.40	0.550
10	QPSK	50	0	27.10	0.513	27.22	0.527	27.25	0.531
10	16QAM	1	0	27.36	0.545	27.60	0.575	27.05	0.507
10	16QAM	1	24	27.56	0.570	27.30	0.537	27.61	0.577
10	16QAM	1	49	27.19	0.524	27.67	0.585	27.37	0.546
10	16QAM	12	0	27.30	0.537	27.39	0.548	26.80	0.479
10	16QAM	12	17	27.29	0.536	27.12	0.515	27.35	0.543
10	16QAM	12	36	27.20	0.525	27.36	0.545	27.28	0.535



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.18	0.658	28.17	0.656	27.62	0.578
5	QPSK	1	12	28.27	0.671	27.83	0.607	28.23	0.665
5	QPSK	1	24	27.87	0.612	28.20	0.661	27.91	0.618
5	QPSK	12	0	27.14	0.518	27.17	0.521	27.02	0.504
5	QPSK	12	6	27.14	0.518	27.02	0.504	27.28	0.535
5	QPSK	12	13	27.10	0.513	27.11	0.514	27.41	0.551
5	QPSK	25	0	27.17	0.521	27.27	0.533	27.25	0.531
5	16QAM	1	0	27.41	0.551	27.64	0.581	26.96	0.497
5	16QAM	1	12	27.52	0.565	27.34	0.542	27.66	0.583
5	16QAM	1	24	27.27	0.533	27.71	0.590	27.38	0.547
5	16QAM	12	0	27.26	0.532	27.36	0.545	26.80	0.479
5	16QAM	12	6	27.27	0.533	27.06	0.508	27.39	0.548
5	16QAM	12	13	27.09	0.512	27.40	0.550	27.36	0.545
5	16QAM	25	0	26.30	0.427	26.44	0.441	25.99	0.397



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	28.10	0.646	28.14	0.652	27.56	0.570
3	QPSK	1	7	28.21	0.662	27.83	0.607	28.19	0.659
3	QPSK	1	14	27.96	0.625	28.27	0.671	27.90	0.617
3	QPSK	8	0	27.15	0.519	27.23	0.528	27.03	0.505
3	QPSK	8	3	27.21	0.526	26.99	0.500	27.34	0.542
3	QPSK	8	7	27.16	0.520	27.05	0.507	27.43	0.553
3	QPSK	15	0	27.10	0.513	27.26	0.532	27.23	0.528
3	16QAM	1	0	27.38	0.547	27.55	0.569	26.94	0.494
3	16QAM	1	7	27.53	0.566	27.35	0.543	27.59	0.574
3	16QAM	1	14	27.17	0.521	27.72	0.592	27.35	0.543
3	16QAM	8	0	27.27	0.533	27.45	0.556	26.80	0.479
3	16QAM	8	3	27.24	0.530	27.07	0.509	27.40	0.550
3	16QAM	8	7	27.17	0.521	27.38	0.547	27.29	0.536
3	16QAM	15	0	26.30	0.427	26.38	0.435	26.01	0.399



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	28.11	0.647	28.18	0.658	27.56	0.570
1.4	QPSK	1	2	28.23	0.665	27.84	0.608	28.21	0.662
1.4	QPSK	1	5	27.95	0.624	28.16	0.655	27.87	0.612
1.4	QPSK	3	0	27.49	0.561	27.56	0.570	27.44	0.555
1.4	QPSK	3	1	27.52	0.565	27.39	0.548	27.66	0.583
1.4	QPSK	3	3	27.56	0.570	27.48	0.560	27.84	0.608
1.4	QPSK	6	0	27.12	0.515	27.25	0.531	27.29	0.536
1.4	16QAM	1	0	27.40	0.550	27.58	0.573	26.97	0.498
1.4	16QAM	1	2	27.62	0.578	27.28	0.535	27.58	0.573
1.4	16QAM	1	5	27.18	0.522	27.69	0.587	27.35	0.543
1.4	16QAM	3	0	27.62	0.578	27.80	0.603	27.28	0.535
1.4	16QAM	3	1	27.67	0.585	27.52	0.565	27.70	0.589
1.4	16QAM	3	3	27.55	0.569	27.78	0.600	27.76	0.597
1.4	16QAM	6	0	26.26	0.423	26.43	0.440	26.06	0.404



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.00	0.126	21.72	0.149	21.84	0.153
10	QPSK	1	25	21.46	0.140	21.50	0.141	21.84	0.153
10	QPSK	1	49	21.82	0.152	21.25	0.133	21.00	0.126
10	QPSK	25	0	20.28	0.107	20.77	0.119	20.82	0.121
10	QPSK	25	12	20.56	0.114	20.58	0.114	20.80	0.120
10	QPSK	25	25	20.84	0.121	20.38	0.109	20.52	0.113
10	QPSK	50	0	20.58	0.114	20.60	0.115	20.68	0.117
10	16QAM	1	0	20.22	0.105	20.98	0.125	21.01	0.126
10	16QAM	1	25	20.61	0.115	20.96	0.125	21.05	0.127
10	16QAM	1	49	20.70	0.117	20.82	0.121	21.17	0.131
10	16QAM	25	0	20.24	0.106	20.88	0.122	20.81	0.121
10	16QAM	25	12	20.38	0.109	20.84	0.121	20.84	0.121
10	16QAM	25	25	20.43	0.110	20.81	0.121	20.93	0.124
10	16QAM	50	0	19.41	0.087	19.86	0.097	19.90	0.098



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.90	0.123	21.64	0.146	21.81	0.152
5	QPSK	1	12	21.43	0.139	21.45	0.140	21.72	0.149
5	QPSK	1	24	21.72	0.149	21.15	0.130	20.91	0.123
5	QPSK	12	0	20.24	0.106	20.70	0.117	20.75	0.119
5	QPSK	12	7	20.55	0.114	20.46	0.111	20.71	0.118
5	QPSK	12	13	20.78	0.120	20.35	0.108	20.50	0.112
5	QPSK	25	0	20.47	0.111	20.55	0.114	20.65	0.116
5	16QAM	1	0	20.11	0.103	20.96	0.125	20.99	0.126
5	16QAM	1	12	20.59	0.115	20.92	0.124	20.96	0.125
5	16QAM	1	24	20.69	0.117	20.80	0.120	21.15	0.130
5	16QAM	12	0	20.21	0.105	20.81	0.121	20.71	0.118
5	16QAM	12	7	20.27	0.106	20.73	0.118	20.81	0.121
5	16QAM	12	13	20.43	0.110	20.75	0.119	20.86	0.122
5	16QAM	25	0	19.32	0.086	19.85	0.097	19.85	0.097



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.71	0.148	21.71	0.148	21.78	0.151
3	QPSK	1	8	21.43	0.139	21.43	0.139	21.83	0.152
3	QPSK	1	14	21.20	0.132	21.20	0.132	20.97	0.125
3	QPSK	8	0	20.70	0.117	20.70	0.117	20.80	0.120
3	QPSK	8	4	20.54	0.113	20.54	0.113	20.78	0.120
3	QPSK	8	7	20.32	0.108	20.32	0.108	20.46	0.111
3	QPSK	15	0	20.58	0.114	20.58	0.114	20.64	0.116
3	16QAM	1	0	20.89	0.123	20.89	0.123	20.97	0.125
3	16QAM	1	8	20.94	0.124	20.94	0.124	21.05	0.127
3	16QAM	1	14	20.74	0.119	20.74	0.119	21.15	0.130
3	16QAM	8	0	20.83	0.121	20.83	0.121	20.80	0.120
3	16QAM	8	4	20.73	0.118	20.73	0.118	20.76	0.119
3	16QAM	8	7	20.72	0.118	20.72	0.118	20.93	0.124
3	16QAM	15	0	19.76	0.095	19.76	0.095	19.82	0.096



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.93	0.124	21.66	0.147	21.82	0.152
1.4	QPSK	1	3	21.39	0.138	21.44	0.139	21.80	0.151
1.4	QPSK	1	5	21.73	0.149	21.24	0.133	20.93	0.124
1.4	QPSK	3	0	20.79	0.120	21.27	0.134	21.36	0.137
1.4	QPSK	3	1	21.08	0.128	21.12	0.129	21.33	0.136
1.4	QPSK	3	3	21.38	0.137	20.89	0.123	21.08	0.128
1.4	QPSK	6	0	20.47	0.111	20.57	0.114	20.58	0.114
1.4	16QAM	1	0	20.11	0.103	20.96	0.125	20.98	0.125
1.4	16QAM	1	3	20.52	0.113	20.92	0.124	20.95	0.124
1.4	16QAM	1	5	20.65	0.116	20.74	0.119	21.17	0.131
1.4	16QAM	3	0	20.82	0.121	21.41	0.138	21.34	0.136
1.4	16QAM	3	1	20.94	0.124	21.33	0.136	21.38	0.137
1.4	16QAM	3	3	21.03	0.127	21.34	0.136	21.52	0.142
1.4	16QAM	6	0	19.36	0.086	19.75	0.094	19.84	0.096



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LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.12	0.325	25.84	0.384	24.89	0.308
20	QPSK	1	50	25.93	0.392	24.76	0.299	25.50	0.355
20	QPSK	1	99	26.85	0.484	25.04	0.319	24.43	0.277
20	QPSK	50	0	24.77	0.300	24.24	0.265	24.44	0.278
20	QPSK	50	25	25.26	0.336	23.88	0.244	24.47	0.280
20	QPSK	50	50	25.86	0.385	23.83	0.242	24.04	0.254
20	QPSK	100	0	25.48	0.353	24.09	0.256	24.32	0.270
20	16QAM	1	0	24.56	0.286	25.19	0.330	24.12	0.258
20	16QAM	1	50	25.46	0.352	24.23	0.265	24.83	0.304
20	16QAM	1	99	26.37	0.434	24.49	0.281	23.78	0.239
20	16QAM	12	0	24.45	0.279	24.77	0.300	24.09	0.256
20	16QAM	12	42	25.15	0.327	23.96	0.249	24.62	0.290
20	16QAM	12	86	26.22	0.419	24.14	0.259	23.70	0.234
20	16QAM	27	0	23.42	0.220	23.64	0.231	23.32	0.215



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.11	0.324	25.79	0.379	24.81	0.303
15	QPSK	1	37	25.88	0.387	24.66	0.292	25.45	0.351
15	QPSK	1	74	26.80	0.479	25.04	0.319	24.39	0.275
15	QPSK	36	0	24.74	0.298	24.19	0.262	24.34	0.272
15	QPSK	36	19	25.21	0.332	23.85	0.243	24.44	0.278
15	QPSK	36	39	25.77	0.378	23.81	0.240	23.96	0.249
15	QPSK	75	0	25.47	0.352	24.04	0.254	24.32	0.270
15	16QAM	1	0	24.51	0.282	25.10	0.324	24.12	0.258
15	16QAM	1	37	25.41	0.348	24.13	0.259	24.82	0.303
15	16QAM	1	74	26.28	0.425	24.44	0.278	23.73	0.236
15	16QAM	12	0	24.34	0.272	24.69	0.294	23.99	0.251
15	16QAM	12	30	25.06	0.321	23.94	0.248	24.57	0.286
15	16QAM	12	61	26.12	0.409	24.13	0.259	23.59	0.229
15	16QAM	27	0	23.41	0.219	23.56	0.227	23.24	0.211



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.08	0.322	25.84	0.384	24.78	0.301
10	QPSK	1	24	25.89	0.388	24.71	0.296	25.38	0.345
10	QPSK	1	49	26.78	0.476	24.93	0.311	24.39	0.275
10	QPSK	25	0	24.72	0.296	24.15	0.260	24.34	0.272
10	QPSK	25	12	25.15	0.327	23.85	0.243	24.38	0.274
10	QPSK	25	25	25.80	0.380	23.73	0.236	23.98	0.250
10	QPSK	50	0	25.47	0.352	23.98	0.250	24.21	0.264
10	16QAM	1	0	24.55	0.285	25.16	0.328	24.08	0.256
10	16QAM	1	24	25.41	0.348	24.16	0.261	24.75	0.299
10	16QAM	1	49	26.33	0.430	24.47	0.280	23.70	0.234
10	16QAM	12	0	24.41	0.276	24.73	0.297	24.06	0.255
10	16QAM	12	17	25.13	0.326	23.89	0.245	24.60	0.288
10	16QAM	12	36	26.13	0.410	24.02	0.252	23.64	0.231
10	16QAM	27	0	23.33	0.215	23.54	0.226	23.21	0.209



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.00	0.316	25.81	0.381	24.86	0.306
5	QPSK	1	12	25.91	0.390	24.65	0.292	25.42	0.348
5	QPSK	1	24	26.73	0.471	24.98	0.315	24.36	0.273
5	QPSK	12	0	24.68	0.294	24.22	0.264	24.32	0.270
5	QPSK	12	6	25.21	0.332	23.76	0.238	24.43	0.277
5	QPSK	12	13	25.85	0.385	23.75	0.237	23.97	0.249
5	QPSK	25	0	25.47	0.352	24.08	0.256	24.22	0.264
5	16QAM	1	0	24.54	0.284	25.17	0.329	24.11	0.258
5	16QAM	1	12	25.45	0.351	24.18	0.262	24.77	0.300
5	16QAM	1	24	26.34	0.431	24.43	0.277	23.74	0.237
5	16QAM	12	0	24.40	0.275	24.71	0.296	24.04	0.254
5	16QAM	12	6	25.11	0.324	23.95	0.248	24.56	0.286
5	16QAM	12	13	26.17	0.414	24.09	0.256	23.70	0.234
5	16QAM	25	0	23.41	0.219	23.54	0.226	23.23	0.210



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.01	0.126	20.26	0.106	20.06	0.101
10	QPSK	1	24	20.61	0.115	21.03	0.127	20.14	0.103
10	QPSK	1	49	21.34	0.136	20.90	0.123	20.00	0.100
10	QPSK	25	0	19.63	0.092	19.82	0.096	19.42	0.087
10	QPSK	25	12	19.71	0.094	20.16	0.104	19.30	0.085
10	QPSK	25	25	20.12	0.103	20.22	0.105	18.96	0.079
10	QPSK	50	0	19.87	0.097	20.01	0.100	19.21	0.083
10	16QAM	1	0	20.31	0.107	19.49	0.089	19.48	0.089
10	16QAM	1	24	19.74	0.094	20.05	0.101	19.82	0.096
10	16QAM	1	49	19.96	0.099	20.35	0.108	19.56	0.090
10	16QAM	12	0	19.77	0.095	19.49	0.089	19.47	0.089
10	16QAM	12	17	19.56	0.090	19.83	0.096	19.57	0.091
10	16QAM	12	36	19.53	0.090	20.04	0.101	19.53	0.090
10	16QAM	27	0	18.61	0.073	18.91	0.078	18.48	0.070



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.99	0.126	20.21	0.105	20.05	0.101
5	QPSK	1	12	20.53	0.113	20.99	0.126	20.08	0.102
5	QPSK	1	24	21.30	0.135	20.85	0.122	19.90	0.098
5	QPSK	12	0	19.55	0.090	19.79	0.095	19.38	0.087
5	QPSK	12	6	19.68	0.093	20.12	0.103	19.23	0.084
5	QPSK	12	13	20.05	0.101	20.21	0.105	18.92	0.078
5	QPSK	25	0	19.86	0.097	19.89	0.097	19.21	0.083
5	16QAM	1	0	20.26	0.106	19.38	0.087	19.43	0.088
5	16QAM	1	12	19.70	0.093	20.00	0.100	19.75	0.094
5	16QAM	1	24	19.96	0.099	20.29	0.107	19.50	0.089
5	16QAM	12	0	19.68	0.093	19.41	0.087	19.46	0.088
5	16QAM	12	6	19.45	0.088	19.76	0.095	19.51	0.089
5	16QAM	12	13	19.49	0.089	20.03	0.101	19.42	0.087
5	16QAM	25	0	18.49	0.071	18.81	0.076	18.44	0.070



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.99	0.126	20.15	0.104	20.01	0.100
3	QPSK	1	7	20.51	0.112	20.97	0.125	20.12	0.103
3	QPSK	1	14	21.30	0.135	20.86	0.122	19.97	0.099
3	QPSK	8	0	19.52	0.090	19.79	0.095	19.39	0.087
3	QPSK	8	3	19.60	0.091	20.10	0.102	19.18	0.083
3	QPSK	8	7	20.00	0.100	20.22	0.105	18.91	0.078
3	QPSK	15	0	19.78	0.095	19.89	0.097	19.11	0.081
3	16QAM	1	0	20.20	0.105	19.45	0.088	19.37	0.086
3	16QAM	1	7	19.65	0.092	19.93	0.098	19.79	0.095
3	16QAM	1	14	19.85	0.097	20.29	0.107	19.55	0.090
3	16QAM	8	0	19.65	0.092	19.45	0.088	19.43	0.088
3	16QAM	8	3	19.55	0.090	19.71	0.094	19.56	0.090
3	16QAM	8	7	19.42	0.087	20.00	0.100	19.48	0.089
3	16QAM	15	0	18.51	0.071	18.83	0.076	18.38	0.069



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.96	0.125	20.21	0.105	20.04	0.101
1.4	QPSK	1	2	20.58	0.114	20.99	0.126	20.04	0.101
1.4	QPSK	1	5	21.31	0.135	20.82	0.121	19.94	0.099
1.4	QPSK	3	0	20.58	0.114	20.76	0.119	20.37	0.109
1.4	QPSK	3	1	20.68	0.117	21.12	0.129	20.23	0.105
1.4	QPSK	3	3	21.10	0.129	21.11	0.129	19.88	0.097
1.4	QPSK	6	0	19.85	0.097	19.89	0.097	19.12	0.082
1.4	16QAM	1	0	20.21	0.105	19.39	0.087	19.39	0.087
1.4	16QAM	1	2	19.71	0.094	19.97	0.099	19.73	0.094
1.4	16QAM	1	5	19.95	0.099	20.26	0.106	19.47	0.089
1.4	16QAM	3	0	20.76	0.119	20.38	0.109	20.43	0.110
1.4	16QAM	3	1	20.49	0.112	20.81	0.121	20.49	0.112
1.4	16QAM	3	3	20.45	0.111	21.00	0.126	20.49	0.112
1.4	16QAM	6	0	18.49	0.071	18.82	0.076	18.47	0.070



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	20.82	0.121	/	/
10	QPSK	1	24	/	/	20.17	0.104	/	/
10	QPSK	1	49	/	/	20.47	0.111	/	/
10	QPSK	25	0	/	/	19.66	0.092	/	/
10	QPSK	25	12	/	/	19.49	0.089	/	/
10	QPSK	25	25	/	/	19.50	0.089	/	/
10	QPSK	50	0	/	/	19.57	0.091	/	/
10	16QAM	1	0	/	/	20.12	0.103	/	/
10	16QAM	1	24	/	/	19.84	0.096	/	/
10	16QAM	1	49	/	/	19.60	0.091	/	/
10	16QAM	12	0	/	/	19.79	0.095	/	/
10	16QAM	12	17	/	/	19.70	0.093	/	/
10	16QAM	12	36	/	/	19.58	0.091	/	/
10	16QAM	27	0	/	/	18.65	0.073	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.72	0.118	20.78	0.120	20.81	0.121
5	QPSK	1	12	20.10	0.102	20.14	0.103	20.13	0.103
5	QPSK	1	24	20.43	0.110	20.43	0.110	20.46	0.111
5	QPSK	12	0	19.62	0.092	19.54	0.090	19.64	0.092
5	QPSK	12	6	19.44	0.088	19.41	0.087	19.44	0.088
5	QPSK	12	13	19.40	0.087	19.40	0.087	19.45	0.088
5	QPSK	25	0	19.54	0.090	19.55	0.090	19.52	0.090
5	16QAM	1	0	20.00	0.100	20.03	0.101	20.11	0.103
5	16QAM	1	12	19.83	0.096	19.80	0.095	19.82	0.096
5	16QAM	1	24	19.51	0.089	19.56	0.090	19.50	0.089
5	16QAM	12	0	19.78	0.095	19.73	0.094	19.76	0.095
5	16QAM	12	6	19.59	0.091	19.68	0.093	19.58	0.091
5	16QAM	12	13	19.54	0.090	19.49	0.089	19.51	0.089
5	16QAM	25	0	18.61	0.073	18.60	0.072	18.58	0.072



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.53	0.450	27.32	0.540	27.36	0.545
20	QPSK	1	50	28.90	0.776	27.31	0.538	26.61	0.458
20	QPSK	1	99	27.24	0.530	28.86	0.769	26.78	0.476
20	QPSK	50	0	26.69	0.467	26.01	0.399	25.55	0.359
20	QPSK	50	25	27.56	0.570	26.38	0.435	25.87	0.386
20	QPSK	50	50	27.34	0.542	27.18	0.522	26.61	0.458
20	QPSK	100	0	27.10	0.513	26.66	0.463	26.11	0.408
20	16QAM	1	0	25.35	0.343	26.65	0.462	26.73	0.471
20	16QAM	1	50	27.89	0.615	26.55	0.452	25.97	0.395
20	16QAM	1	99	26.25	0.422	28.13	0.650	26.26	0.423
20	16QAM	12	0	25.44	0.350	26.27	0.424	26.18	0.415
20	16QAM	12	42	27.49	0.561	26.29	0.426	25.64	0.366
20	16QAM	12	86	26.62	0.459	27.71	0.590	26.66	0.463
20	16QAM	27	0	24.78	0.301	25.10	0.324	24.93	0.311



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.50	0.447	27.24	0.530	27.25	0.531
15	QPSK	1	37	28.83	0.764	27.25	0.531	26.58	0.455
15	QPSK	1	74	27.17	0.521	28.84	0.766	26.72	0.470
15	QPSK	36	0	26.66	0.463	25.93	0.392	25.47	0.352
15	QPSK	36	19	27.50	0.562	26.30	0.427	25.82	0.382
15	QPSK	36	39	27.32	0.540	27.11	0.514	26.49	0.446
15	QPSK	75	0	27.09	0.512	26.64	0.461	26.08	0.406
15	16QAM	1	0	25.31	0.340	26.58	0.455	26.65	0.462
15	16QAM	1	37	27.80	0.603	26.53	0.450	25.96	0.394
15	16QAM	1	74	26.15	0.412	28.10	0.646	26.25	0.422
15	16QAM	12	0	25.36	0.344	26.19	0.416	26.10	0.407
15	16QAM	12	30	27.48	0.560	26.29	0.426	25.60	0.363
15	16QAM	12	61	26.62	0.459	27.63	0.579	26.56	0.453
15	16QAM	27	0	24.73	0.297	25.02	0.318	24.91	0.310



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.51	0.448	27.27	0.533	27.29	0.536
10	QPSK	1	24	28.88	0.773	27.22	0.527	26.50	0.447
10	QPSK	1	49	27.22	0.527	28.83	0.764	26.75	0.473
10	QPSK	25	0	26.58	0.455	25.92	0.391	25.50	0.355
10	QPSK	25	12	27.48	0.560	26.35	0.432	25.75	0.376
10	QPSK	25	25	27.23	0.528	27.09	0.512	26.53	0.450
10	QPSK	50	0	27.01	0.502	26.60	0.457	26.06	0.404
10	16QAM	1	0	25.31	0.340	26.61	0.458	26.67	0.465
10	16QAM	1	24	27.79	0.601	26.54	0.451	25.94	0.393
10	16QAM	1	49	26.19	0.416	28.08	0.643	26.19	0.416
10	16QAM	12	0	25.40	0.347	26.20	0.417	26.13	0.410
10	16QAM	12	17	27.44	0.555	26.19	0.416	25.60	0.363
10	16QAM	12	36	26.60	0.457	27.67	0.585	26.65	0.462
10	16QAM	27	0	24.70	0.295	25.00	0.316	24.84	0.305



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.43	0.440	27.27	0.533	27.31	0.538
5	QPSK	1	12	28.82	0.762	27.25	0.531	26.53	0.450
5	QPSK	1	24	27.21	0.526	28.75	0.750	26.76	0.474
5	QPSK	12	0	26.69	0.467	25.90	0.389	25.49	0.354
5	QPSK	12	6	27.51	0.564	26.37	0.434	25.78	0.378
5	QPSK	12	13	27.23	0.528	27.12	0.515	26.55	0.452
5	QPSK	25	0	27.03	0.505	26.62	0.459	26.07	0.405
5	16QAM	1	0	25.28	0.337	26.64	0.461	26.68	0.466
5	16QAM	1	12	27.81	0.604	26.47	0.444	25.92	0.391
5	16QAM	1	24	26.18	0.415	28.05	0.638	26.26	0.423
5	16QAM	12	0	25.37	0.344	26.22	0.419	26.17	0.414
5	16QAM	12	6	27.39	0.548	26.25	0.422	25.56	0.360
5	16QAM	12	13	26.54	0.451	27.60	0.575	26.64	0.461
5	16QAM	25	0	24.77	0.300	25.02	0.318	24.88	0.308



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.45	0.442	27.32	0.540	27.28	0.535
3	QPSK	1	7	28.89	0.774	27.25	0.531	26.51	0.448
3	QPSK	1	14	27.18	0.522	28.85	0.767	26.67	0.465
3	QPSK	8	0	26.67	0.465	25.99	0.397	25.52	0.356
3	QPSK	8	3	27.47	0.558	26.31	0.428	25.76	0.377
3	QPSK	8	7	27.24	0.530	27.07	0.509	26.60	0.457
3	QPSK	15	0	27.02	0.504	26.55	0.452	26.04	0.402
3	16QAM	1	0	25.29	0.338	26.53	0.450	26.71	0.469
3	16QAM	1	7	27.78	0.600	26.47	0.444	25.92	0.391
3	16QAM	1	14	26.17	0.414	28.01	0.632	26.17	0.414
3	16QAM	8	0	25.42	0.348	26.26	0.423	26.10	0.407
3	16QAM	8	3	27.41	0.551	26.20	0.417	25.58	0.361
3	16QAM	8	7	26.59	0.456	27.63	0.579	26.65	0.462
3	16QAM	15	0	24.66	0.292	25.03	0.318	24.92	0.310



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.48	0.445	27.27	0.533	27.31	0.538
1.4	QPSK	1	2	28.83	0.764	27.24	0.530	26.61	0.458
1.4	QPSK	1	5	27.14	0.518	28.78	0.755	26.78	0.476
1.4	QPSK	3	0	27.29	0.536	26.53	0.450	26.10	0.407
1.4	QPSK	3	1	28.09	0.644	26.96	0.497	26.38	0.435
1.4	QPSK	3	3	27.89	0.615	27.76	0.597	27.21	0.526
1.4	QPSK	6	0	27.10	0.513	26.56	0.453	26.05	0.403
1.4	16QAM	1	0	25.24	0.334	26.64	0.461	26.63	0.460
1.4	16QAM	1	2	27.85	0.610	26.45	0.442	25.93	0.392
1.4	16QAM	1	5	26.23	0.420	28.04	0.637	26.17	0.414
1.4	16QAM	3	0	25.94	0.393	26.81	0.480	26.73	0.471
1.4	16QAM	3	1	28.01	0.632	26.89	0.489	26.17	0.414
1.4	16QAM	3	3	27.14	0.518	28.22	0.664	27.17	0.521
1.4	16QAM	6	0	24.78	0.301	25.01	0.317	24.87	0.307



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.65	0.367	25.61	0.364	24.96	0.313
20	QPSK	1	50	25.50	0.355	25.47	0.352	25.12	0.325
20	QPSK	1	99	25.37	0.344	25.32	0.340	25.04	0.319
20	QPSK	50	0	24.59	0.288	24.60	0.288	24.14	0.259
20	QPSK	50	25	24.55	0.285	24.53	0.284	24.19	0.262
20	QPSK	50	50	24.59	0.288	24.45	0.279	24.19	0.262
20	QPSK	100	0	24.54	0.284	24.58	0.287	24.18	0.262
20	16QAM	1	0	24.69	0.294	24.74	0.298	24.13	0.259
20	16QAM	1	50	24.61	0.289	24.60	0.288	24.29	0.269
20	16QAM	1	99	24.49	0.281	24.45	0.279	24.21	0.264
20	16QAM	12	0	24.69	0.294	24.70	0.295	24.13	0.259
20	16QAM	12	42	24.60	0.288	24.43	0.277	24.23	0.265
20	16QAM	12	86	24.53	0.284	24.33	0.271	24.22	0.264
20	16QAM	27	0	23.81	0.240	23.70	0.234	23.20	0.209



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.63	0.366	25.57	0.361	24.85	0.305
15	QPSK	1	37	25.43	0.349	25.47	0.352	25.03	0.318
15	QPSK	1	74	25.26	0.336	25.27	0.337	25.04	0.319
15	QPSK	36	0	24.58	0.287	24.55	0.285	24.05	0.254
15	QPSK	36	19	24.51	0.282	24.49	0.281	24.13	0.259
15	QPSK	36	39	24.48	0.281	24.33	0.271	24.16	0.261
15	QPSK	75	0	24.50	0.282	24.57	0.286	24.11	0.258
15	16QAM	1	0	24.64	0.291	24.70	0.295	24.10	0.257
15	16QAM	1	37	24.52	0.283	24.56	0.286	24.20	0.263
15	16QAM	1	74	24.41	0.276	24.38	0.274	24.20	0.263
15	16QAM	12	0	24.57	0.286	24.58	0.287	24.08	0.256
15	16QAM	12	30	24.57	0.286	24.33	0.271	24.18	0.262
15	16QAM	12	61	24.50	0.282	24.30	0.269	24.18	0.262
15	16QAM	27	0	23.77	0.238	23.62	0.230	23.08	0.203



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.61	0.364	25.61	0.364	24.88	0.308
10	QPSK	1	24	25.41	0.348	25.41	0.348	25.10	0.324
10	QPSK	1	49	25.32	0.340	25.26	0.336	24.98	0.315
10	QPSK	25	0	24.55	0.285	24.52	0.283	24.04	0.254
10	QPSK	25	12	24.49	0.281	24.42	0.277	24.10	0.257
10	QPSK	25	25	24.55	0.285	24.37	0.274	24.19	0.262
10	QPSK	50	0	24.52	0.283	24.47	0.280	24.11	0.258
10	16QAM	1	0	24.63	0.290	24.64	0.291	24.09	0.256
10	16QAM	1	24	24.54	0.284	24.58	0.287	24.21	0.264
10	16QAM	1	49	24.49	0.281	24.41	0.276	24.19	0.262
10	16QAM	12	0	24.59	0.288	24.69	0.294	24.12	0.258
10	16QAM	12	17	24.55	0.285	24.38	0.274	24.19	0.262
10	16QAM	12	36	24.50	0.282	24.25	0.266	24.22	0.264
10	16QAM	27	0	23.81	0.240	23.61	0.230	23.09	0.204



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.64	0.366	25.55	0.359	24.86	0.306
5	QPSK	1	12	25.45	0.351	25.38	0.345	25.11	0.324
5	QPSK	1	24	25.29	0.338	25.26	0.336	24.97	0.314
5	QPSK	12	0	24.51	0.282	24.57	0.286	24.08	0.256
5	QPSK	12	6	24.48	0.281	24.53	0.284	24.08	0.256
5	QPSK	12	13	24.58	0.287	24.43	0.277	24.07	0.255
5	QPSK	25	0	24.49	0.281	24.52	0.283	24.07	0.255
5	16QAM	1	0	24.59	0.288	24.62	0.290	24.10	0.257
5	16QAM	1	12	24.52	0.283	24.55	0.285	24.27	0.267
5	16QAM	1	24	24.46	0.279	24.35	0.272	24.10	0.257
5	16QAM	12	0	24.65	0.292	24.58	0.287	24.06	0.255
5	16QAM	12	6	24.59	0.288	24.33	0.271	24.13	0.259
5	16QAM	12	13	24.47	0.280	24.29	0.269	24.14	0.259
5	16QAM	25	0	23.74	0.237	23.68	0.233	23.18	0.208



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.76	0.299	24.82	0.303	24.70	0.295
20	QPSK	1	50	24.71	0.296	24.69	0.294	24.43	0.277
20	QPSK	1	99	24.82	0.303	24.49	0.281	24.02	0.252
20	QPSK	50	0	23.85	0.243	23.82	0.241	23.72	0.236
20	QPSK	50	25	23.98	0.250	23.79	0.239	23.56	0.227
20	QPSK	50	50	24.08	0.256	23.73	0.236	23.38	0.218
20	QPSK	100	0	23.92	0.247	23.81	0.240	23.58	0.228
20	16QAM	1	0	23.75	0.237	23.92	0.247	23.88	0.244
20	16QAM	1	50	24.03	0.253	23.86	0.243	23.68	0.233
20	16QAM	1	99	24.04	0.254	23.66	0.232	23.24	0.211
20	16QAM	12	0	23.82	0.241	23.91	0.246	23.81	0.240
20	16QAM	12	42	23.87	0.244	23.80	0.240	23.58	0.228
20	16QAM	12	86	24.00	0.251	23.70	0.234	23.25	0.211
20	16QAM	27	0	22.76	0.189	23.03	0.201	22.80	0.191



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.73	0.297	24.78	0.301	24.63	0.290
15	QPSK	1	37	24.70	0.295	24.57	0.286	24.37	0.274
15	QPSK	1	74	24.76	0.299	24.46	0.279	23.92	0.247
15	QPSK	36	0	23.75	0.237	23.74	0.237	23.64	0.231
15	QPSK	36	19	23.96	0.249	23.78	0.239	23.50	0.224
15	QPSK	36	39	24.05	0.254	23.63	0.231	23.26	0.212
15	QPSK	75	0	23.85	0.243	23.72	0.236	23.51	0.224
15	16QAM	1	0	23.66	0.232	23.84	0.242	23.84	0.242
15	16QAM	1	37	23.94	0.248	23.78	0.239	23.68	0.233
15	16QAM	1	74	24.02	0.252	23.63	0.231	23.21	0.209
15	16QAM	12	0	23.72	0.236	23.90	0.245	23.74	0.237
15	16QAM	12	30	23.77	0.238	23.72	0.236	23.51	0.224
15	16QAM	12	61	23.98	0.250	23.66	0.232	23.24	0.211
15	16QAM	27	0	22.72	0.187	22.95	0.197	22.80	0.191



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.74	0.298	24.77	0.300	24.65	0.292
10	QPSK	1	24	24.67	0.293	24.60	0.288	24.32	0.270
10	QPSK	1	49	24.78	0.301	24.44	0.278	23.93	0.247
10	QPSK	25	0	23.79	0.239	23.81	0.240	23.68	0.233
10	QPSK	25	12	23.96	0.249	23.69	0.234	23.51	0.224
10	QPSK	25	25	24.01	0.252	23.63	0.231	23.31	0.214
10	QPSK	50	0	23.90	0.245	23.72	0.236	23.55	0.226
10	16QAM	1	0	23.66	0.232	23.92	0.247	23.80	0.240
10	16QAM	1	24	23.92	0.247	23.84	0.242	23.63	0.231
10	16QAM	1	49	24.03	0.253	23.58	0.228	23.15	0.207
10	16QAM	12	0	23.74	0.237	23.85	0.243	23.72	0.236
10	16QAM	12	17	23.84	0.242	23.73	0.236	23.56	0.227
10	16QAM	12	36	23.97	0.249	23.69	0.234	23.19	0.208
10	16QAM	27	0	22.75	0.188	22.91	0.195	22.73	0.187



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.66	0.292	24.72	0.296	24.60	0.288
5	QPSK	1	12	24.64	0.291	24.62	0.290	24.38	0.274
5	QPSK	1	24	24.79	0.301	24.42	0.277	24.01	0.252
5	QPSK	12	0	23.74	0.237	23.70	0.234	23.62	0.230
5	QPSK	12	6	23.95	0.248	23.71	0.235	23.47	0.222
5	QPSK	12	13	24.01	0.252	23.63	0.231	23.26	0.212
5	QPSK	25	0	23.91	0.246	23.77	0.238	23.58	0.228
5	16QAM	1	0	23.64	0.231	23.81	0.240	23.81	0.240
5	16QAM	1	12	23.98	0.250	23.77	0.238	23.61	0.230
5	16QAM	1	24	23.99	0.251	23.57	0.228	23.14	0.206
5	16QAM	12	0	23.73	0.236	23.87	0.244	23.73	0.236
5	16QAM	12	6	23.78	0.239	23.71	0.235	23.49	0.223
5	16QAM	12	13	23.97	0.249	23.70	0.234	23.22	0.210
5	16QAM	25	0	22.70	0.186	22.92	0.196	22.70	0.186



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.60	0.724	27.76	0.597	28.04	0.637
20	QPSK	1	50	28.54	0.714	28.29	0.675	27.50	0.562
20	QPSK	1	99	28.09	0.644	28.27	0.671	27.90	0.617
20	QPSK	50	0	27.64	0.581	27.06	0.508	26.71	0.469
20	QPSK	50	25	27.57	0.571	27.41	0.551	26.66	0.463
20	QPSK	50	50	27.39	0.548	27.53	0.566	26.71	0.469
20	QPSK	100	0	27.54	0.568	27.30	0.537	26.73	0.471
20	16QAM	1	0	27.83	0.607	26.99	0.500	27.35	0.543
20	16QAM	1	50	27.84	0.608	27.62	0.578	26.96	0.497
20	16QAM	1	99	27.43	0.553	27.61	0.577	27.23	0.528
20	16QAM	12	0	27.53	0.566	26.80	0.479	27.02	0.504
20	16QAM	12	42	27.47	0.558	27.33	0.541	26.69	0.467
20	16QAM	12	86	27.36	0.545	27.43	0.553	26.87	0.486
20	16QAM	27	0	26.75	0.473	25.91	0.390	26.08	0.406



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	28.58	0.721	27.72	0.592	27.92	0.619
15	QPSK	1	37	28.47	0.703	28.18	0.658	27.46	0.557
15	QPSK	1	74	28.00	0.631	28.19	0.659	27.88	0.614
15	QPSK	36	0	27.59	0.574	27.00	0.501	26.62	0.459
15	QPSK	36	19	27.54	0.568	27.37	0.546	26.55	0.452
15	QPSK	36	39	27.33	0.541	27.50	0.562	26.67	0.465
15	QPSK	75	0	27.48	0.560	27.25	0.531	26.73	0.471
15	16QAM	1	0	27.82	0.605	26.89	0.489	27.32	0.540
15	16QAM	1	37	27.84	0.608	27.52	0.565	26.88	0.488
15	16QAM	1	74	27.37	0.546	27.55	0.569	27.13	0.516
15	16QAM	12	0	27.44	0.555	26.70	0.468	26.95	0.495
15	16QAM	12	30	27.39	0.548	27.32	0.540	26.62	0.459
15	16QAM	12	61	27.36	0.545	27.41	0.551	26.75	0.473
15	16QAM	27	0	26.71	0.469	25.81	0.381	25.97	0.395



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.57	0.719	27.74	0.594	27.96	0.625
10	QPSK	1	24	28.50	0.708	28.22	0.664	27.49	0.561
10	QPSK	1	49	28.01	0.632	28.23	0.665	27.87	0.612
10	QPSK	25	0	27.61	0.577	27.05	0.507	26.71	0.469
10	QPSK	25	12	27.52	0.565	27.37	0.546	26.63	0.460
10	QPSK	25	25	27.28	0.535	27.49	0.561	26.62	0.459
10	QPSK	50	0	27.52	0.565	27.27	0.533	26.67	0.465
10	16QAM	1	0	27.80	0.603	26.92	0.492	27.27	0.533
10	16QAM	1	24	27.77	0.598	27.55	0.569	26.94	0.494
10	16QAM	1	49	27.40	0.550	27.60	0.575	27.18	0.522
10	16QAM	12	0	27.44	0.555	26.74	0.472	26.93	0.493
10	16QAM	12	17	27.46	0.557	27.28	0.535	26.62	0.459
10	16QAM	12	36	27.31	0.538	27.41	0.551	26.77	0.475
10	16QAM	27	0	26.74	0.472	25.83	0.383	25.99	0.397



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.57	0.719	27.65	0.582	28.00	0.631
5	QPSK	1	12	28.43	0.697	28.25	0.668	27.48	0.560
5	QPSK	1	24	28.05	0.638	28.18	0.658	27.79	0.601
5	QPSK	12	0	27.61	0.577	27.00	0.501	26.69	0.467
5	QPSK	12	6	27.51	0.564	27.33	0.541	26.62	0.459
5	QPSK	12	13	27.38	0.547	27.52	0.565	26.68	0.466
5	QPSK	25	0	27.54	0.568	27.29	0.536	26.70	0.468
5	16QAM	1	0	27.78	0.600	26.97	0.498	27.33	0.541
5	16QAM	1	12	27.82	0.605	27.61	0.577	26.86	0.485
5	16QAM	1	24	27.42	0.552	27.51	0.564	27.16	0.520
5	16QAM	12	0	27.41	0.551	26.79	0.478	27.00	0.501
5	16QAM	12	6	27.44	0.555	27.27	0.533	26.58	0.455
5	16QAM	12	13	27.32	0.540	27.33	0.541	26.82	0.481
5	16QAM	25	0	26.68	0.466	25.91	0.390	26.01	0.399



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	28.48	0.705	27.73	0.593	28.03	0.635
3	QPSK	1	7	28.51	0.710	28.29	0.675	27.50	0.562
3	QPSK	1	14	28.03	0.635	28.19	0.659	27.81	0.604
3	QPSK	8	0	27.53	0.566	27.00	0.501	26.62	0.459
3	QPSK	8	3	27.46	0.557	27.37	0.546	26.55	0.452
3	QPSK	8	7	27.34	0.542	27.46	0.557	26.61	0.458
3	QPSK	15	0	27.46	0.557	27.30	0.537	26.70	0.468
3	16QAM	1	0	27.83	0.607	26.98	0.499	27.25	0.531
3	16QAM	1	7	27.83	0.607	27.60	0.575	26.89	0.489
3	16QAM	1	14	27.41	0.551	27.57	0.571	27.13	0.516
3	16QAM	8	0	27.46	0.557	26.74	0.472	26.95	0.495
3	16QAM	8	3	27.39	0.548	27.29	0.536	26.68	0.466
3	16QAM	8	7	27.27	0.533	27.36	0.545	26.80	0.479
3	16QAM	15	0	26.70	0.468	25.85	0.385	26.04	0.402



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	28.50	0.708	27.67	0.585	28.03	0.635
1.4	QPSK	1	2	28.47	0.703	28.22	0.664	27.41	0.551
1.4	QPSK	1	5	28.07	0.641	28.25	0.668	27.88	0.614
1.4	QPSK	3	0	28.13	0.650	27.63	0.579	27.25	0.531
1.4	QPSK	3	1	28.06	0.640	28.00	0.631	27.25	0.531
1.4	QPSK	3	3	27.93	0.621	28.05	0.638	27.21	0.526
1.4	QPSK	6	0	27.47	0.558	27.28	0.535	26.71	0.469
1.4	16QAM	1	0	27.76	0.597	26.89	0.489	27.24	0.530
1.4	16QAM	1	2	27.75	0.596	27.59	0.574	26.94	0.494
1.4	16QAM	1	5	27.41	0.551	27.60	0.575	27.21	0.526
1.4	16QAM	3	0	28.11	0.647	27.34	0.542	27.51	0.564
1.4	16QAM	3	1	27.98	0.628	27.85	0.610	27.18	0.522
1.4	16QAM	3	3	27.87	0.612	27.92	0.619	27.36	0.545
1.4	16QAM	6	0	26.73	0.471	25.84	0.384	26.06	0.404

2.2. Radiated Spurious Emissions

2.2.1. Requirement

According to FCC section 2.1051, 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.

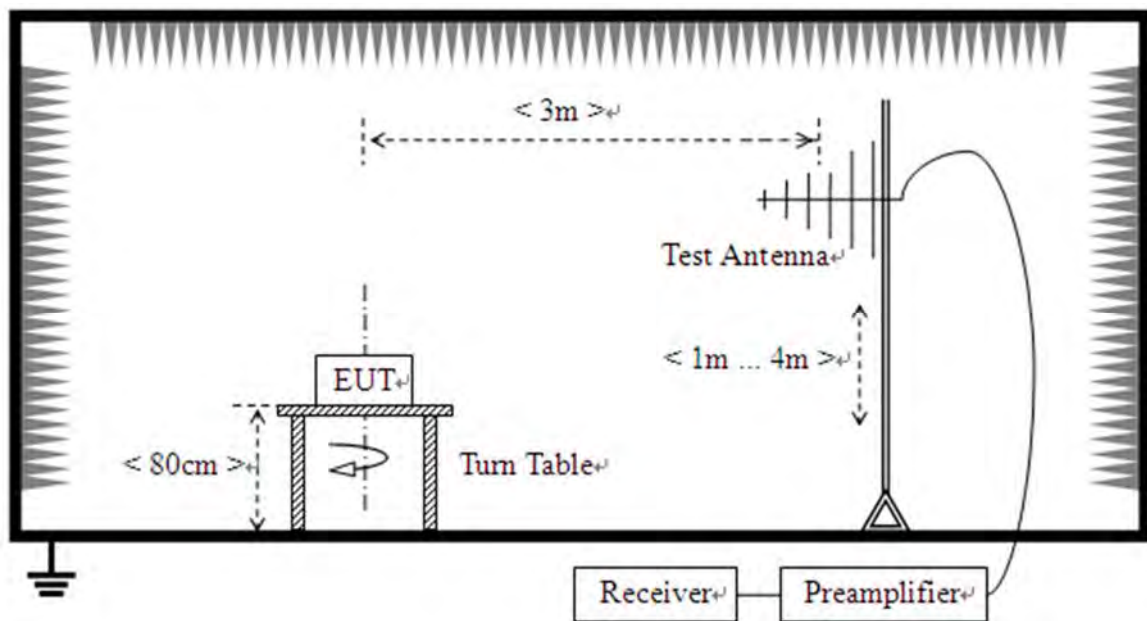
Additional requirement for LTE Band 7, 41

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 $55 + 10 \log(P)$ dB. This calculated to be -25dBm.

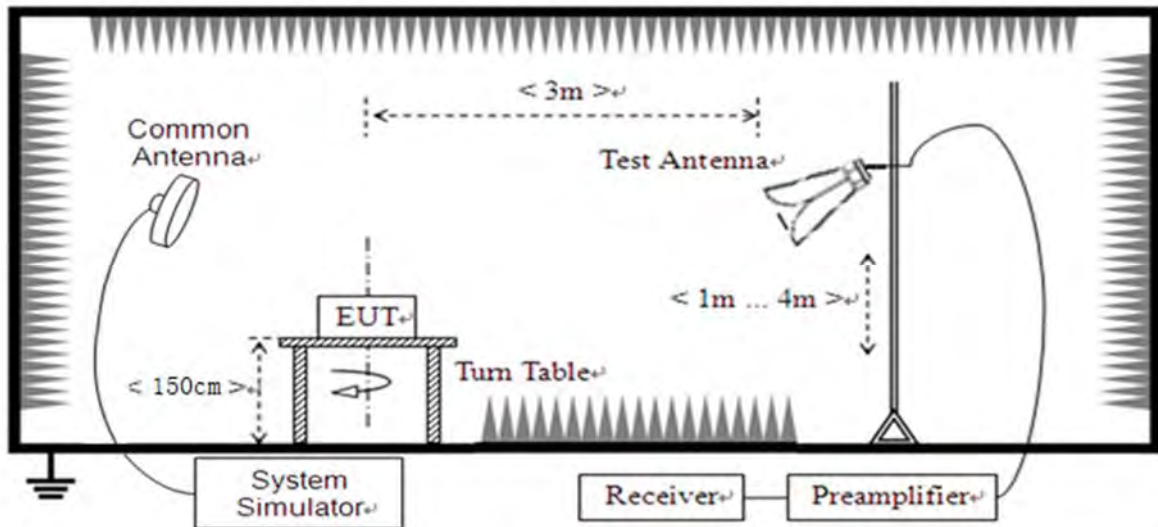
Additional requirement for Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (E.I.R.P.) for wideband signals, and -80 dBW E.I.R.P. for discrete emissions of less than 700 Hz bandwidth. This calculated to be -40dBm.

2.2.2. Test Description



(For the test frequency from 30MHz to 1GHz)



(For the test frequency above 1GHz)

The EUT 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.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

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

2.2.3. Test Procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

For measurements above 1GHz (exclude 1559-1610 MHz) the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.



2.2.4. 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. The lowest, middle and highest channels are tested to verify the out of band emissions.

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} .

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

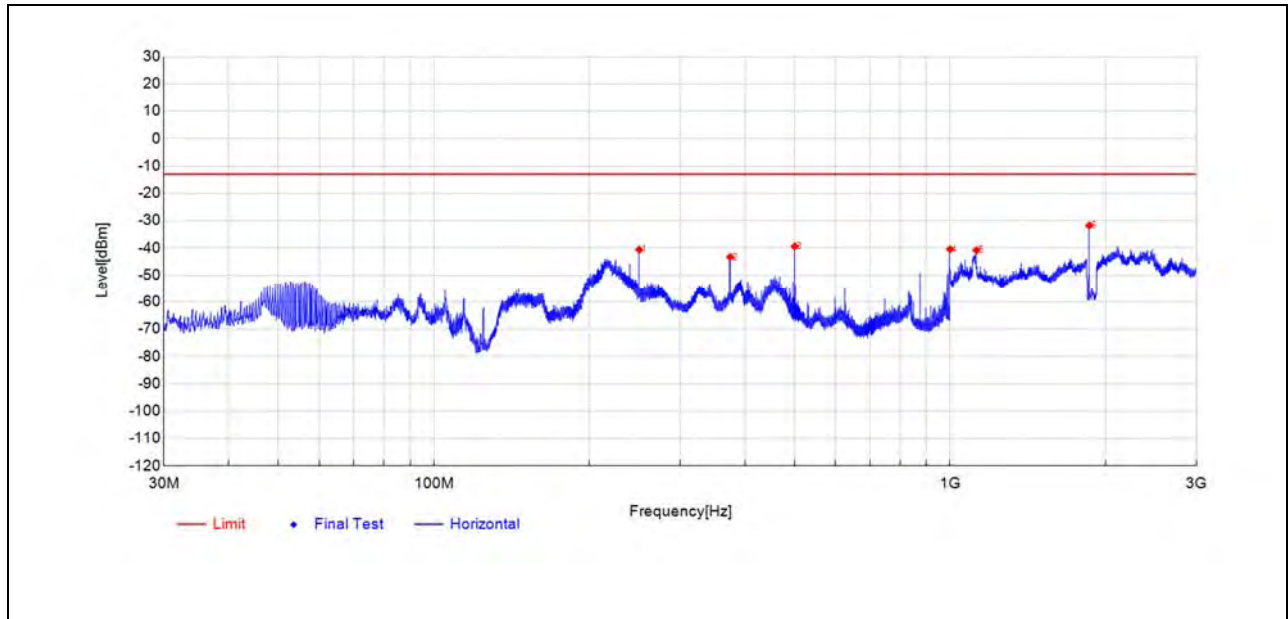
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

Note 4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

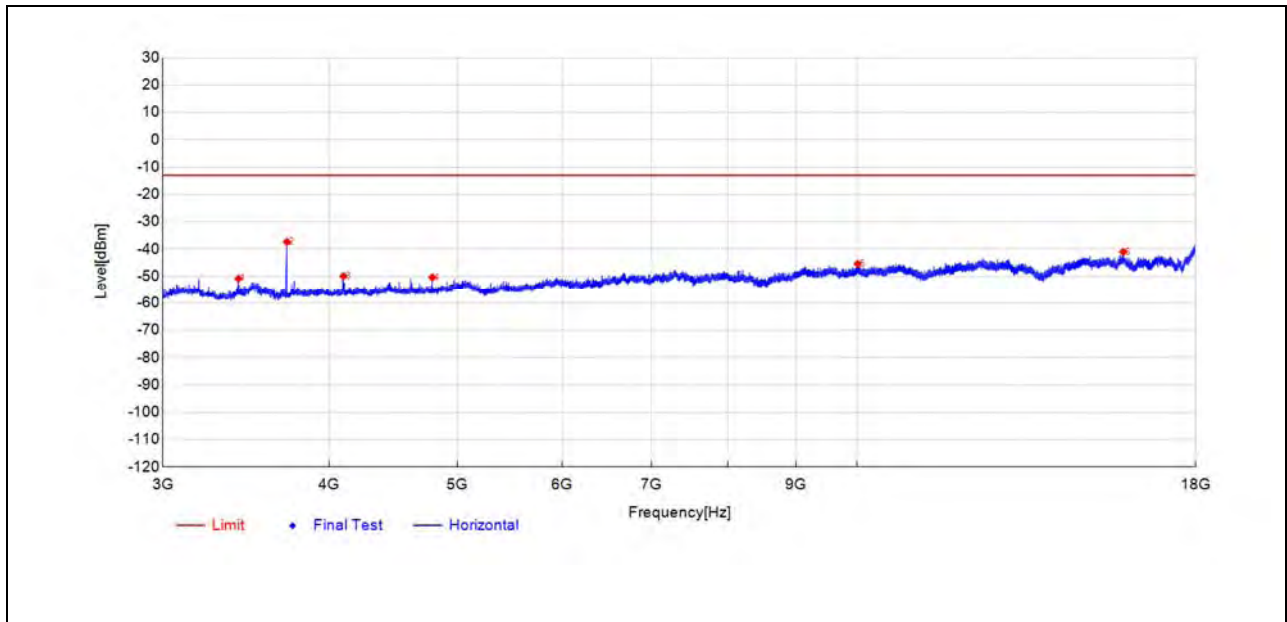
LTE Band 2

Plot for Low Channel



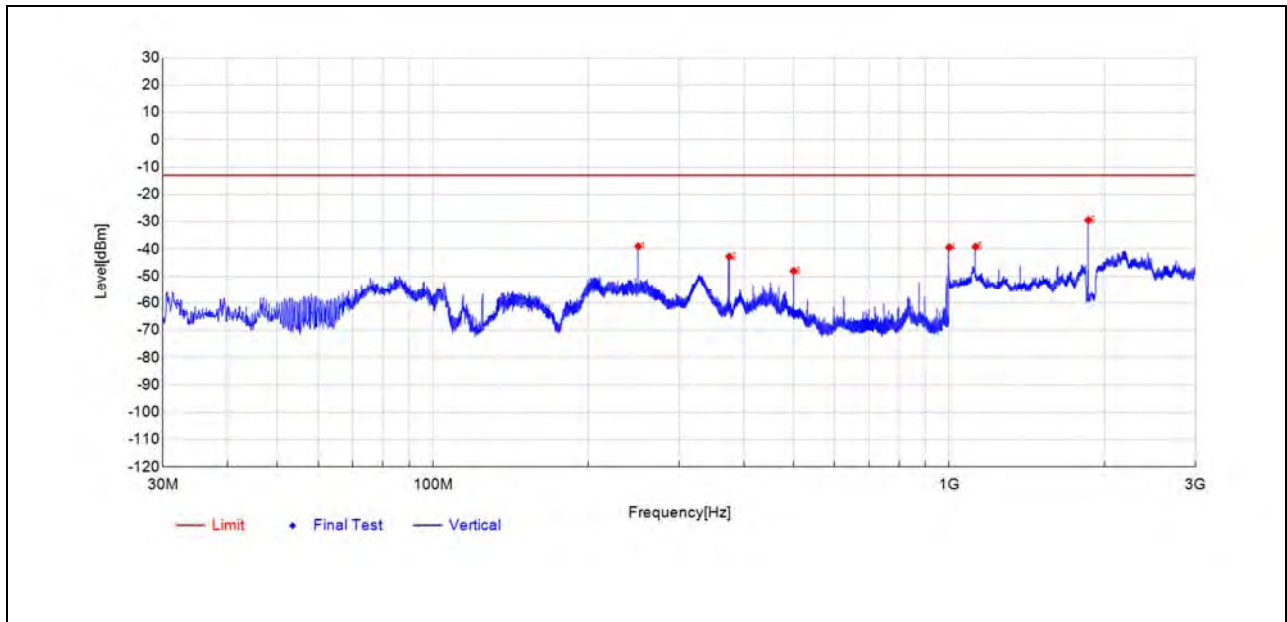
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-26.82	-40.64	-13.8	-13.0	27.6	Horizontal	PK	PASS
374.9978	-28.70	-43.30	-14.6	-13.0	30.3	Horizontal	PK	PASS
499.9885	-26.05	-39.43	-13.4	-13.0	26.4	Horizontal	PK	PASS
1000	-35.00	-40.43	-5.4	-13.0	27.4	Horizontal	PK	PASS
1124.4249	-37.20	-40.83	-3.6	-13.0	27.8	Horizontal	PK	PASS
1860.172	-33.87	-31.75	2.1	-	-	Horizontal	PK	NA



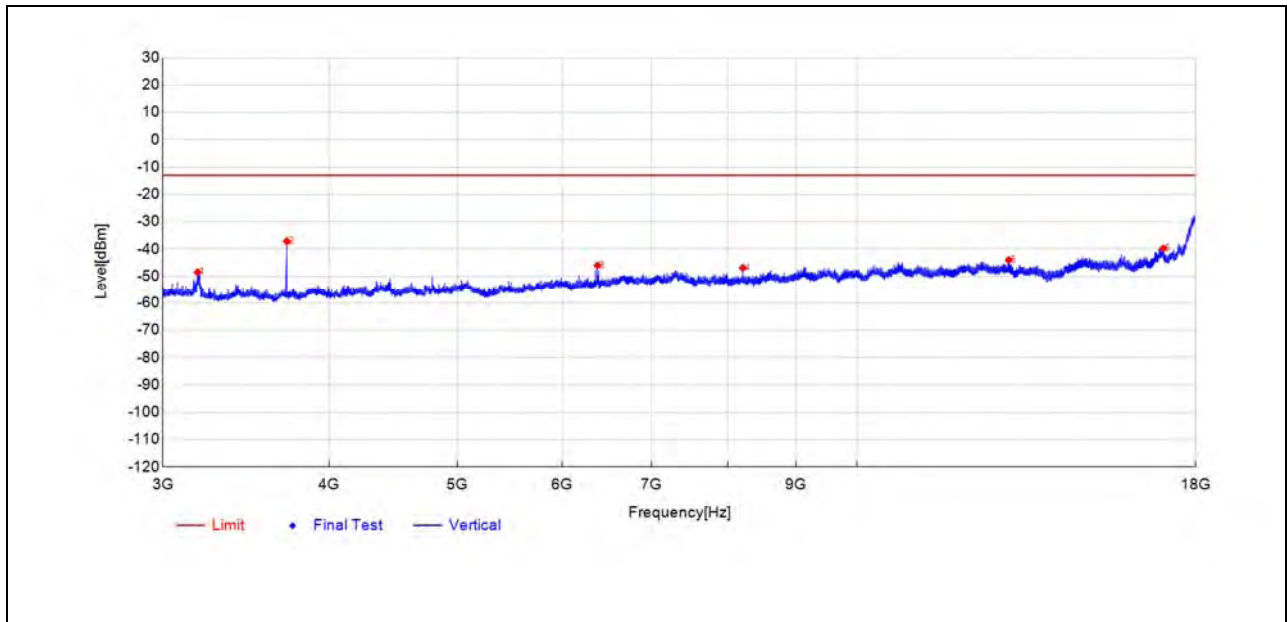
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-47.02	-50.78	-3.8	-13.0	37.8	Horizontal	PK	PASS
3720.024	-34.01	-37.35	-3.3	-13.0	24.4	Horizontal	PK	PASS
4104.0368	-47.78	-49.86	-2.1	-13.0	36.9	Horizontal	PK	PASS
4788.0596	-50.10	-50.33	-0.2	-13.0	37.3	Horizontal	PK	PASS
10016.7339	-55.66	-45.40	10.3	-13.0	32.4	Horizontal	PK	PASS
15876.9292	-58.71	-41.00	17.7	-13.0	28.0	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

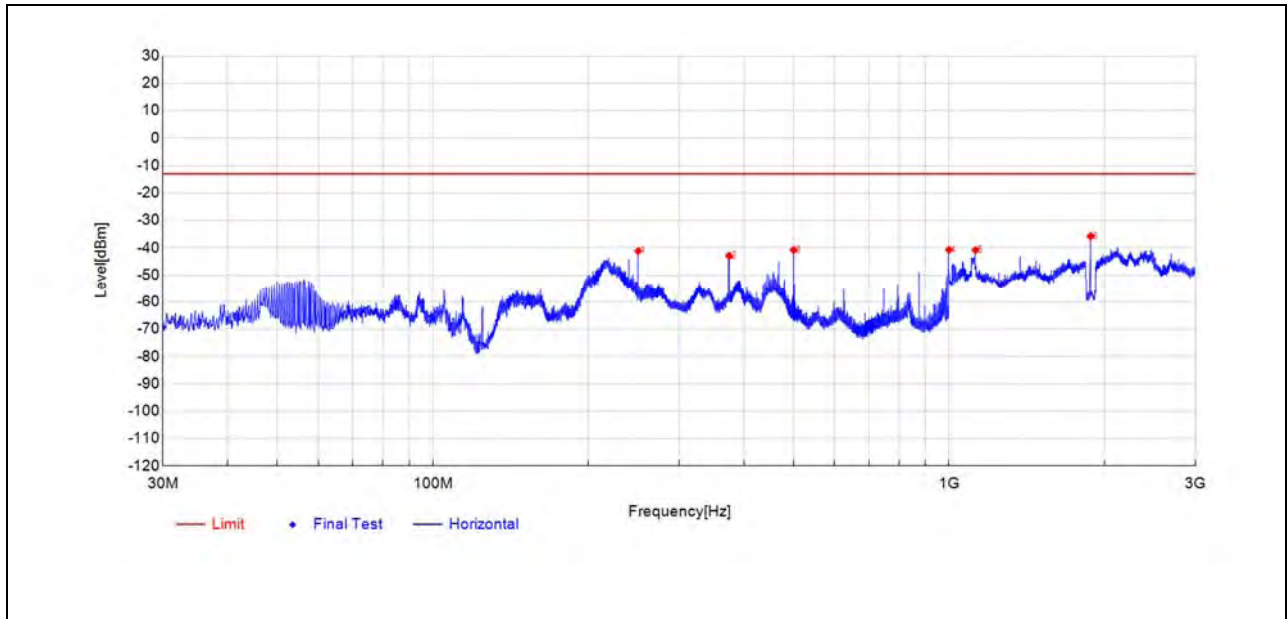
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.26	-39.00	-18.7	-13.0	26.0	Vertical	PK	PASS
374.9978	-26.79	-42.71	-15.9	-13.0	29.7	Vertical	PK	PASS
499.9885	-36.23	-48.02	-11.8	-13.0	35.0	Vertical	PK	PASS
1000	-33.70	-39.31	-5.6	-13.0	26.3	Vertical	PK	PASS
1124.825	-35.67	-39.13	-3.5	-13.0	26.1	Vertical	PK	PASS
1860.172	-31.14	-29.44	1.7	-	-	Vertical	PK	NA



(Antenna Vertical, 3GHz to 18GHz)

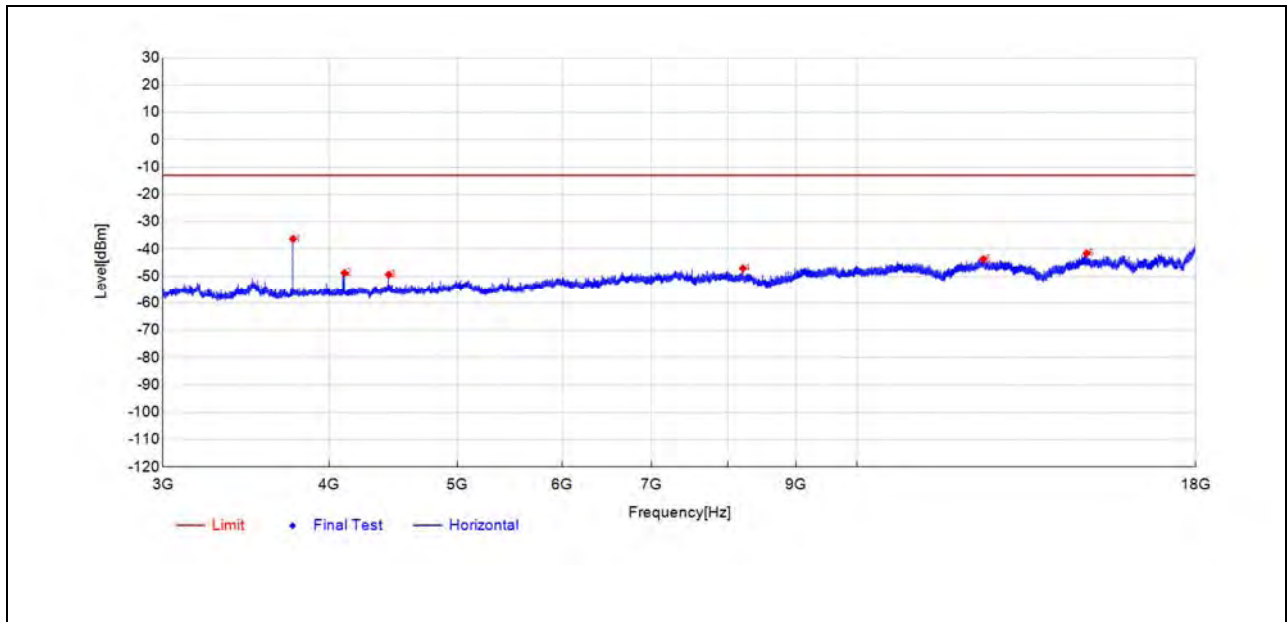
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3186.5062	-44.92	-48.48	-3.6	-13.0	35.5	Vertical	PK	PASS
3720.024	-33.80	-37.11	-3.3	-13.0	24.1	Vertical	PK	PASS
6376.6126	-49.82	-46.00	3.8	-13.0	33.0	Vertical	PK	PASS
8208.1736	-53.22	-46.89	6.3	-13.0	33.9	Vertical	PK	PASS
13018.3339	-57.48	-44.00	13.5	-13.0	31.0	Vertical	PK	PASS
17023.9675	-60.90	-39.75	21.2	-13.0	26.8	Vertical	PK	PASS

Plot for Mid Channel



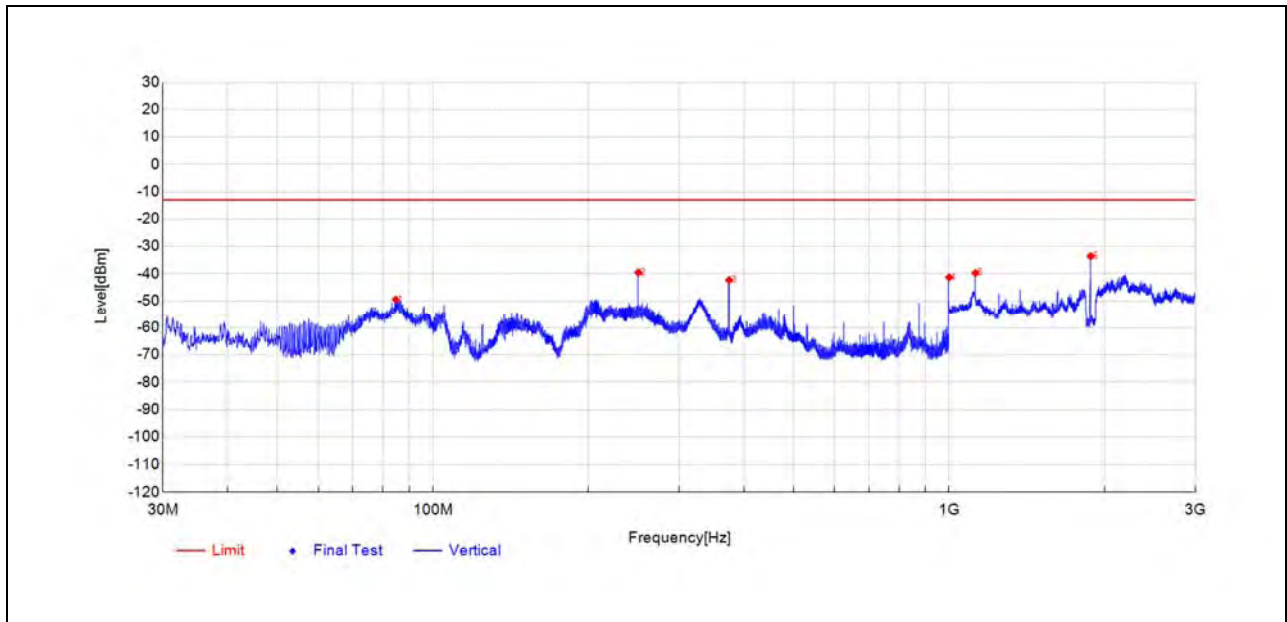
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.27	-41.09	-13.8	-13.0	28.1	Horizontal	PK	PASS
374.9978	-28.27	-42.87	-14.6	-13.0	29.9	Horizontal	PK	PASS
499.9885	-27.35	-40.73	-13.4	-13.0	27.7	Horizontal	PK	PASS
1000	-35.26	-40.69	-5.4	-13.0	27.7	Horizontal	PK	PASS
1124.825	-37.15	-40.78	-3.6	-13.0	27.8	Horizontal	PK	PASS
1880.176	-38.18	-35.76	2.4	-	-	Horizontal	PK	NA



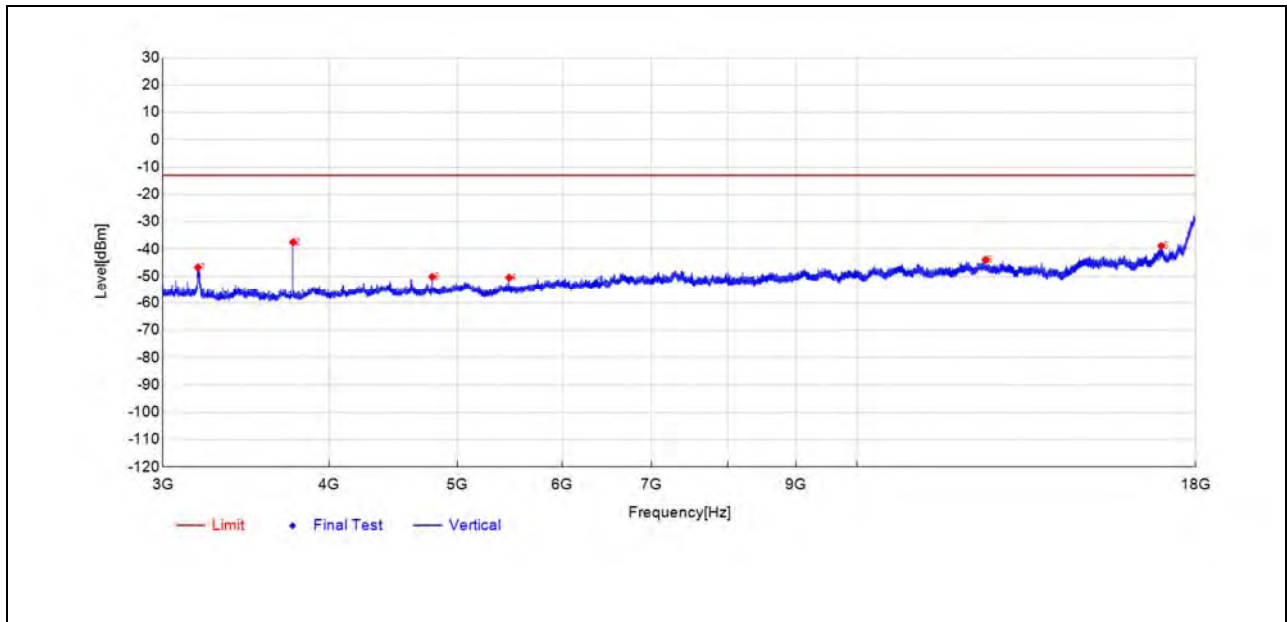
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3760.0253	-33.53	-36.27	-2.7	-13.0	23.3	Horizontal	PK	PASS
4111.5371	-46.71	-48.72	-2.0	-13.0	35.7	Horizontal	PK	PASS
4439.048	-49.11	-49.33	-0.2	-13.0	36.3	Horizontal	PK	PASS
8207.6736	-54.17	-47.05	7.1	-13.0	34.1	Horizontal	PK	PASS
12456.8152	-58.36	-43.66	14.7	-13.0	30.7	Horizontal	PK	PASS
14902.3967	-58.08	-41.51	16.6	-13.0	28.5	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.7592	-28.39	-49.44	-21.1	-13.0	36.4	Vertical	PK	PASS
250.007	-20.82	-39.56	-18.7	-13.0	26.6	Vertical	PK	PASS
374.9978	-26.41	-42.33	-15.9	-13.0	29.3	Vertical	PK	PASS
1000	-37.05	-41.29	-4.2	-13.0	28.3	Vertical	PK	PASS
1124.4249	-36.30	-39.76	-3.5	-13.0	26.8	Vertical	PK	PASS
1880.176	-35.73	-33.57	2.2	-	-	Vertical	PK	NA

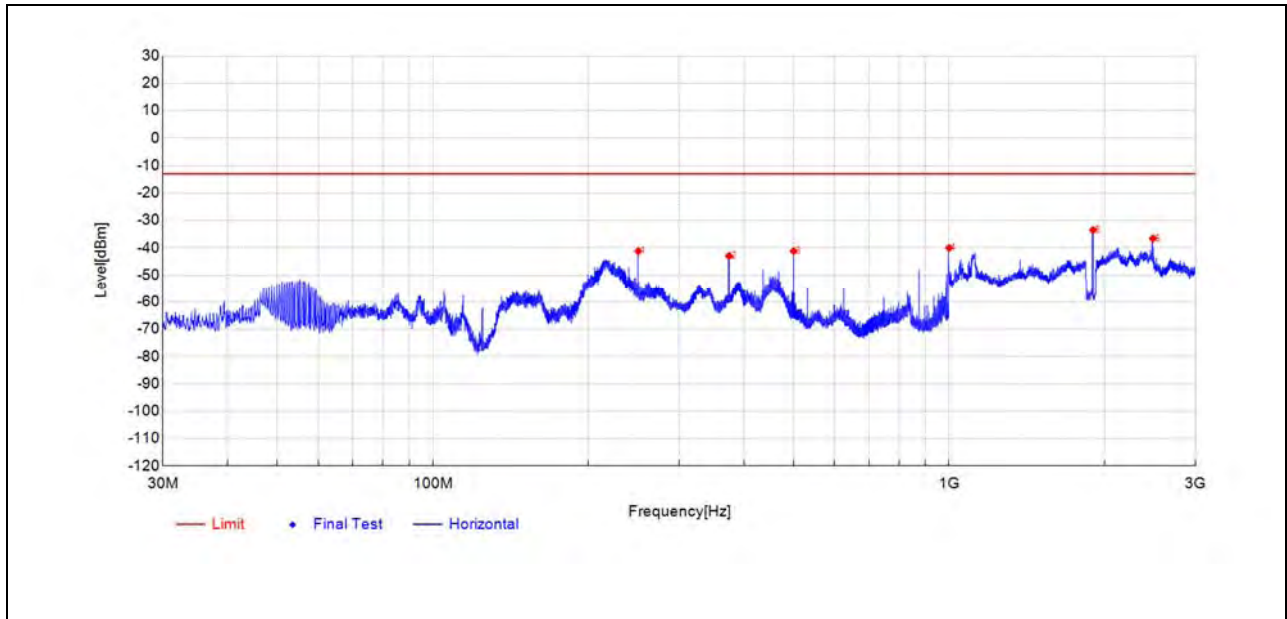


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3188.5063	-43.08	-46.65	-3.6	-13.0	33.7	Vertical	PK	PASS
3760.0253	-33.92	-37.44	-3.5	-13.0	24.4	Vertical	PK	PASS
4787.5596	-49.86	-50.15	-0.3	-13.0	37.2	Vertical	PK	PASS
5471.5824	-51.99	-50.41	1.6	-13.0	37.4	Vertical	PK	PASS
12505.3168	-57.78	-43.92	13.9	-13.0	30.9	Vertical	PK	PASS
16962.4654	-60.33	-38.88	21.5	-13.0	25.9	Vertical	PK	PASS

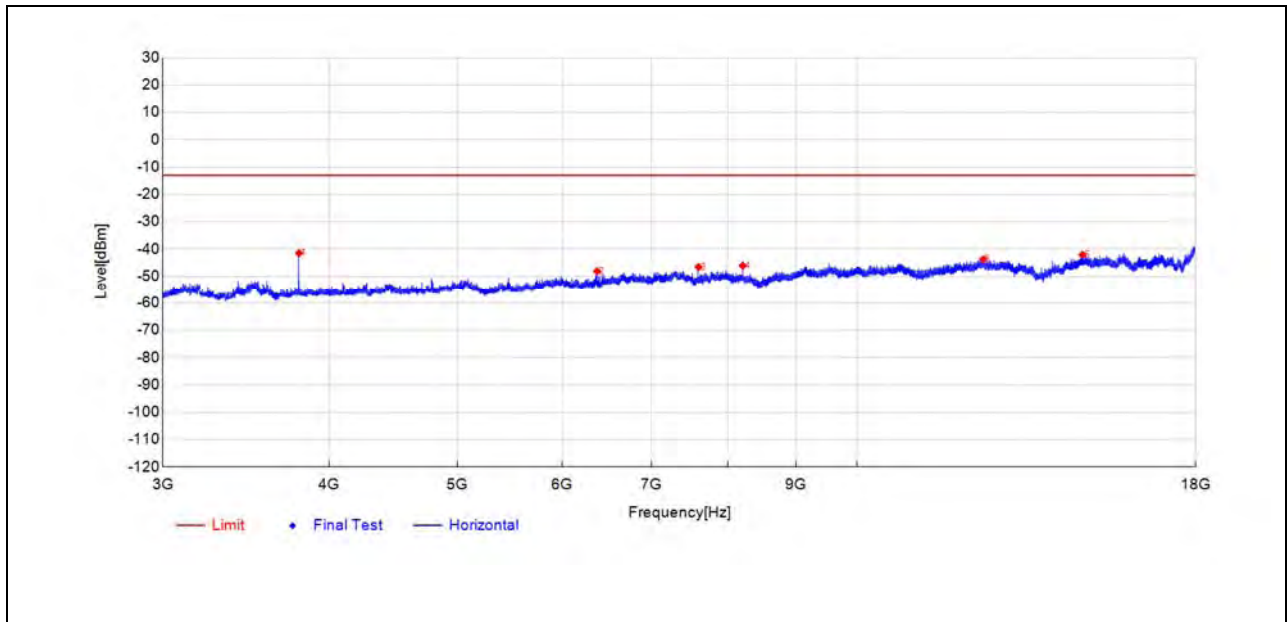


Plot for High Channel



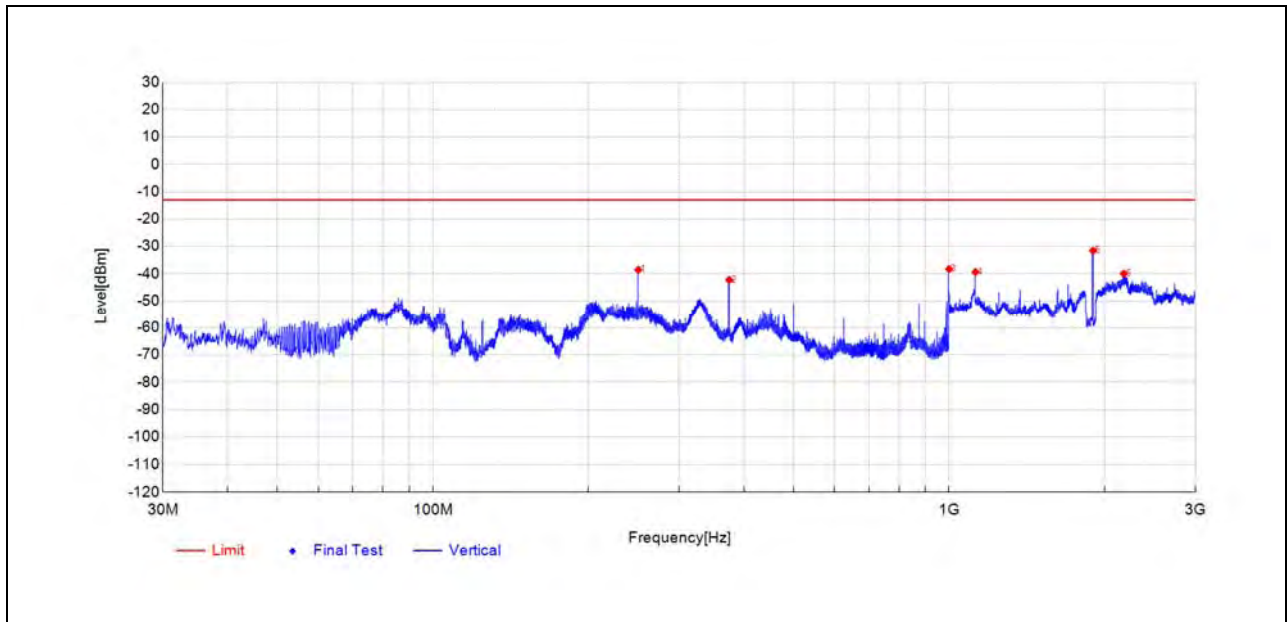
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.32	-41.14	-13.8	-13.0	28.1	Horizontal	PK	PASS
374.9492	-28.29	-42.90	-14.6	-13.0	29.9	Horizontal	PK	PASS
499.9885	-27.75	-41.13	-13.4	-13.0	28.1	Horizontal	PK	PASS
1000	-34.54	-39.97	-5.4	-13.0	27.0	Horizontal	PK	PASS
1900.18	-36.05	-33.48	2.6	-	-	Horizontal	PK	NA
2482.6965	-42.64	-36.57	6.1	-13.0	23.6	Horizontal	PK	PASS



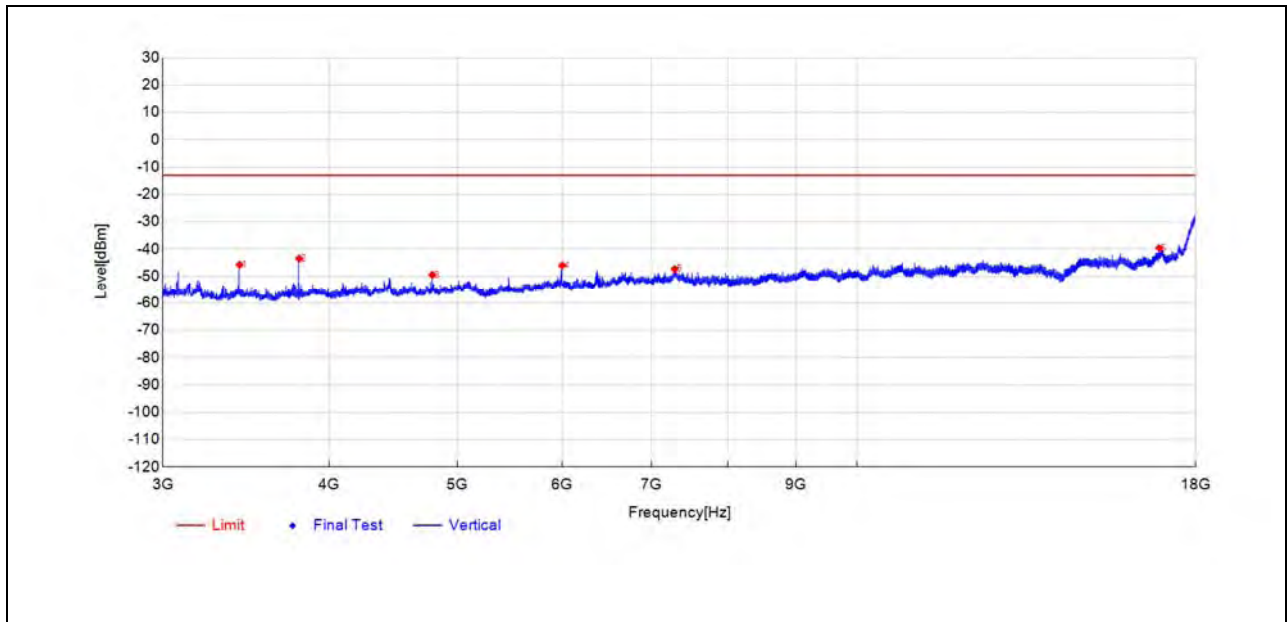
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3800.0267	-39.01	-41.45	-2.4	-13.0	28.5	Horizontal	PK	PASS
6372.1124	-52.00	-48.08	3.9	-13.0	35.1	Horizontal	PK	PASS
7599.6533	-52.33	-46.54	5.8	-13.0	33.5	Horizontal	PK	PASS
8207.6736	-53.15	-46.03	7.1	-13.0	33.0	Horizontal	PK	PASS
12454.3151	-58.40	-43.70	14.7	-13.0	30.7	Horizontal	PK	PASS
14792.3931	-58.45	-42.04	16.4	-13.0	29.0	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-19.81	-38.55	-18.7	-13.0	25.6	Vertical	PK	PASS
374.9492	-26.33	-42.25	-15.9	-13.0	29.3	Vertical	PK	PASS
1000	-32.66	-38.27	-5.6	-13.0	25.3	Vertical	PK	PASS
1124.825	-35.92	-39.38	-3.5	-13.0	26.4	Vertical	PK	PASS
1900.18	-34.18	-31.58	2.6	-	-	Vertical	PK	NA
2179.4359	-42.91	-39.95	3.0	-13.0	27.0	Vertical	PK	PASS

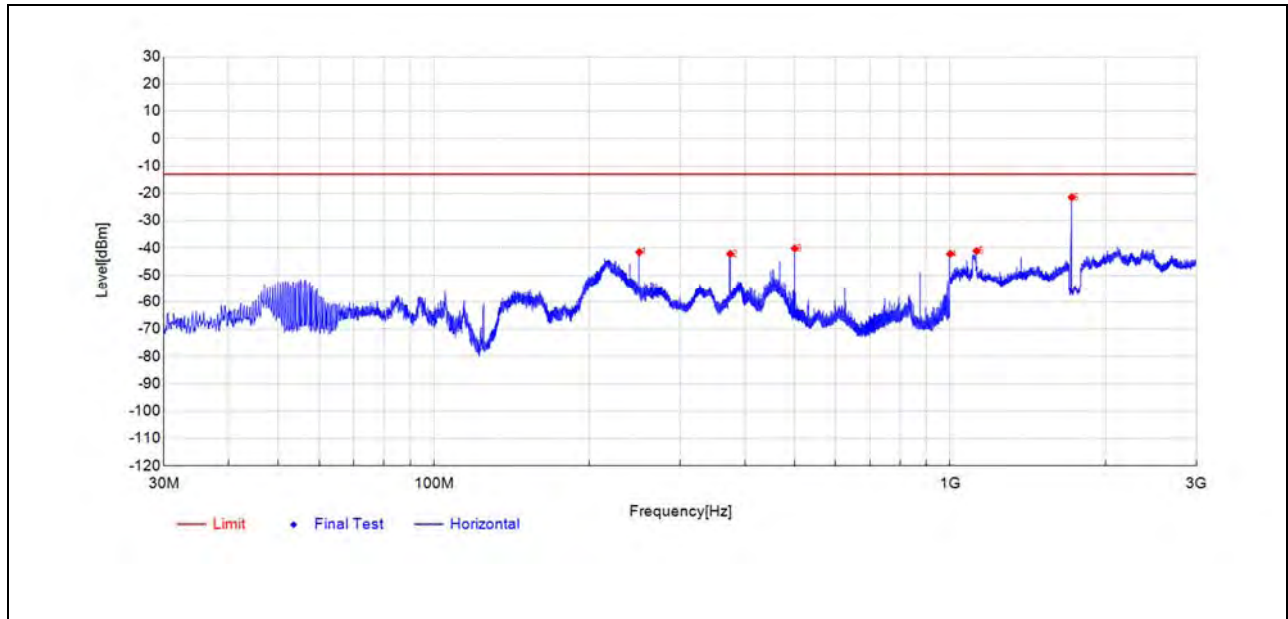


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3427.0142	-41.73	-45.72	-4.0	-13.0	32.7	Vertical	PK	PASS
3800.0267	-39.40	-43.45	-4.1	-13.0	30.5	Vertical	PK	PASS
4788.0596	-49.14	-49.43	-0.3	-13.0	36.4	Vertical	PK	PASS
5998.6	-50.16	-45.97	4.2	-13.0	33.0	Vertical	PK	PASS
7291.6431	-55.11	-47.30	7.8	-13.0	34.3	Vertical	PK	PASS
16902.9634	-60.59	-39.60	21.0	-13.0	26.6	Vertical	PK	PASS

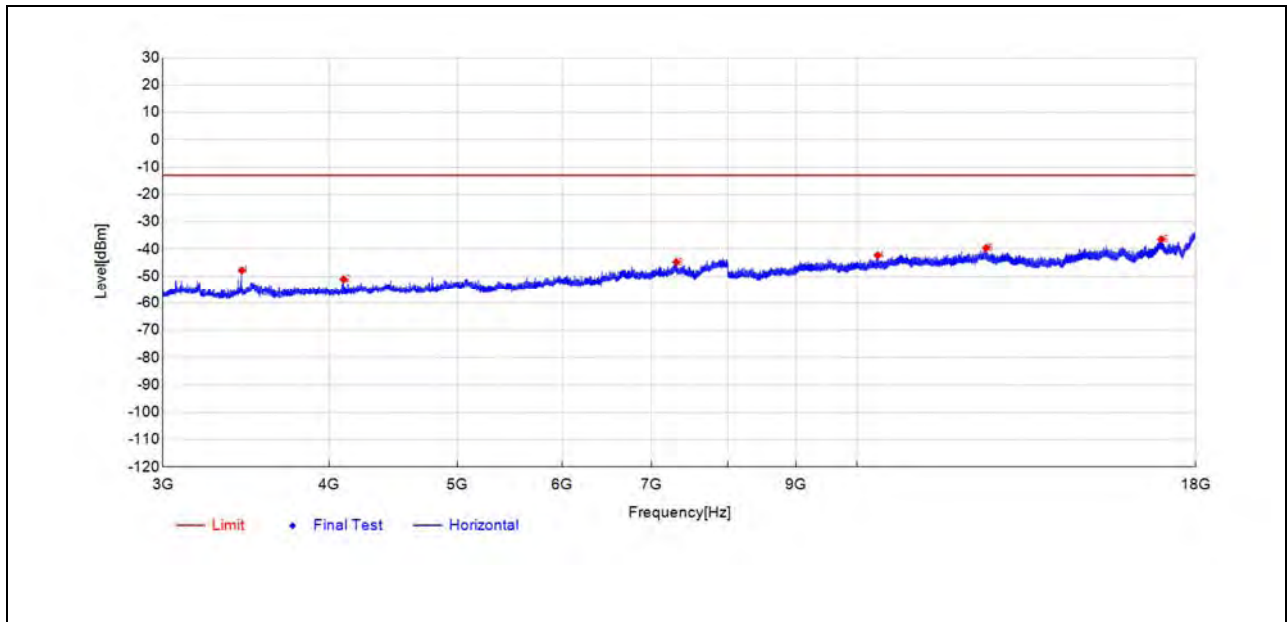
**LTE Band 4**

Plot for Low Channel



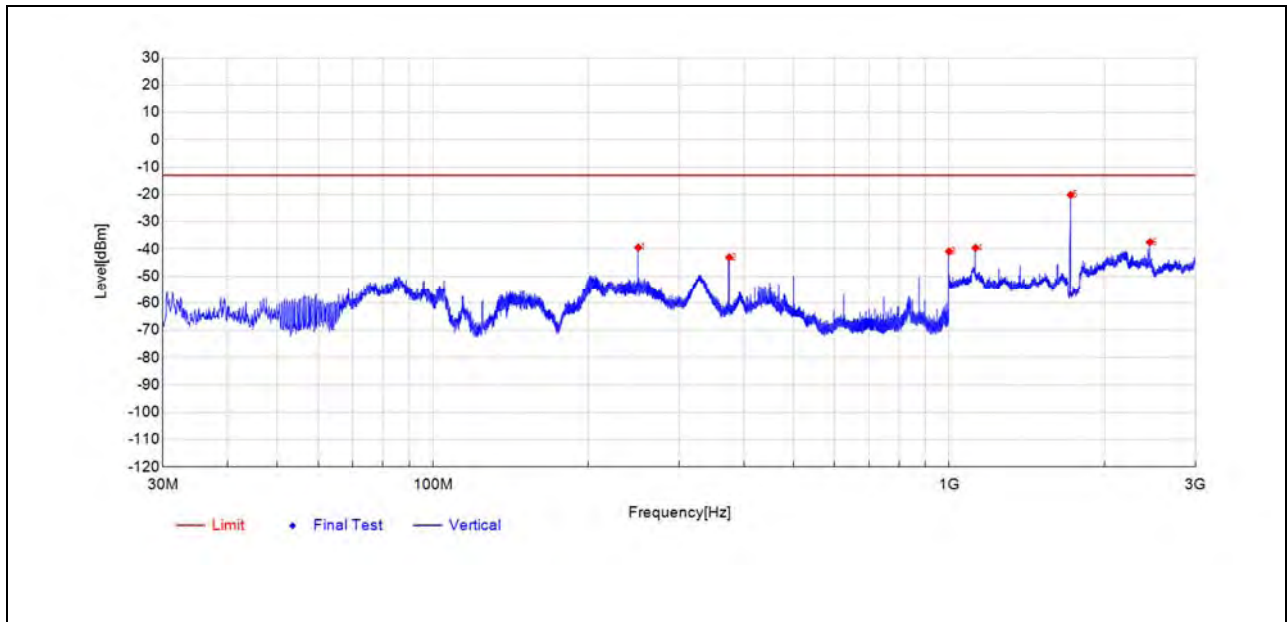
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.67	-41.50	-13.8	-13.0	28.5	Horizontal	PK	PASS
374.9978	-27.53	-42.13	-14.6	-13.0	29.1	Horizontal	PK	PASS
500.037	-26.76	-40.14	-13.4	-13.0	27.1	Horizontal	PK	PASS
1000	-38.09	-42.15	-4.1	-13.0	29.2	Horizontal	PK	PASS
1124.825	-37.47	-41.11	-3.6	-13.0	28.1	Horizontal	PK	PASS
1720.144	-22.39	-21.44	1.0	-	-	Horizontal	PK	NA



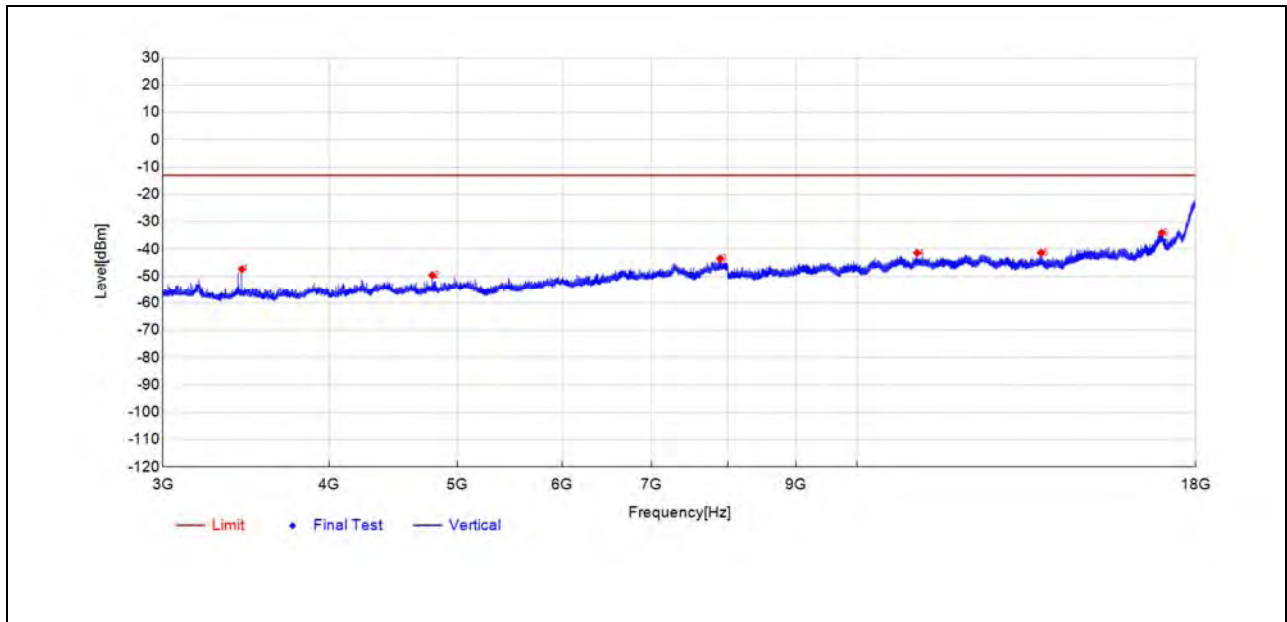
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3440.0147	-44.18	-47.81	-3.6	-13.0	34.8	Horizontal	PK	PASS
4104.0368	-48.95	-51.03	-2.1	-13.0	38.0	Horizontal	PK	PASS
7310.1437	-52.74	-44.77	8.0	-13.0	31.8	Horizontal	PK	PASS
10369.2456	-52.36	-42.27	10.1	-13.0	29.3	Horizontal	PK	PASS
12521.8174	-54.03	-39.57	14.5	-13.0	26.6	Horizontal	PK	PASS
16961.4654	-55.11	-36.42	18.7	-13.0	23.4	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

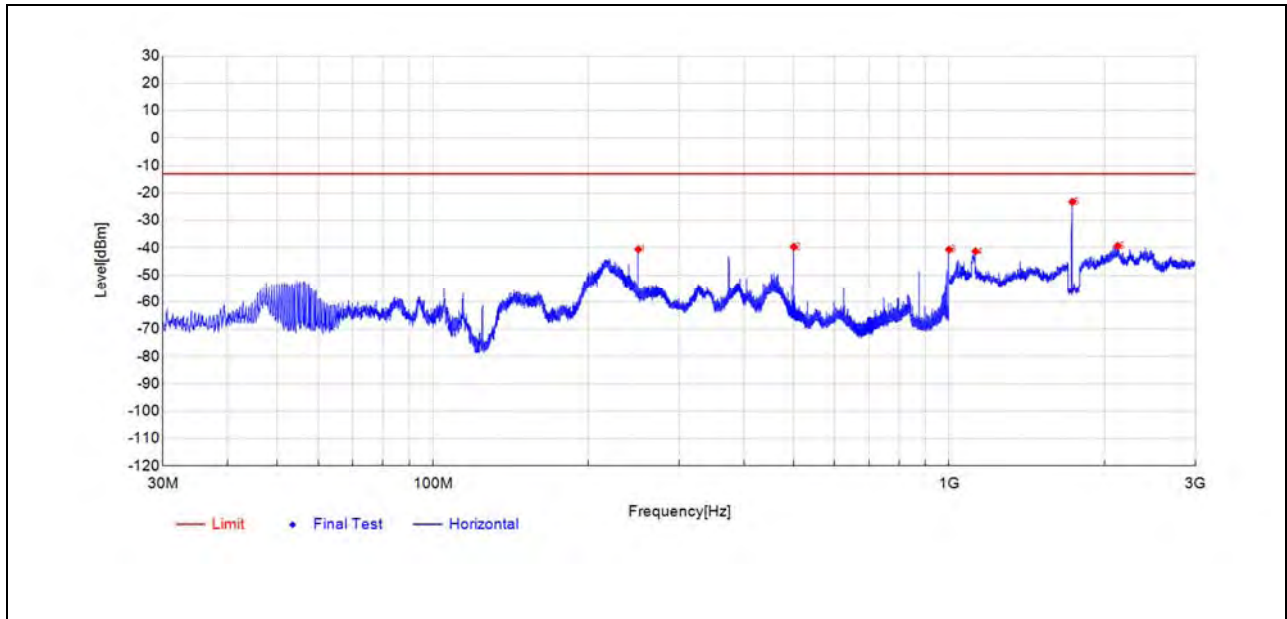
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.70	-39.44	-18.7	-13.0	26.4	Vertical	PK	PASS
374.9978	-27.08	-43.00	-15.9	-13.0	30.0	Vertical	PK	PASS
1000	-35.26	-40.83	-5.6	-13.0	27.8	Vertical	PK	PASS
1124.825	-36.06	-39.53	-3.5	-13.0	26.5	Vertical	PK	PASS
1720.144	-20.20	-20.17	0.0	-	-	Vertical	PK	NA
2449.0898	-43.11	-37.47	5.6	-13.0	24.5	Vertical	PK	PASS



(Antenna Vertical, 3GHz to 18GHz)

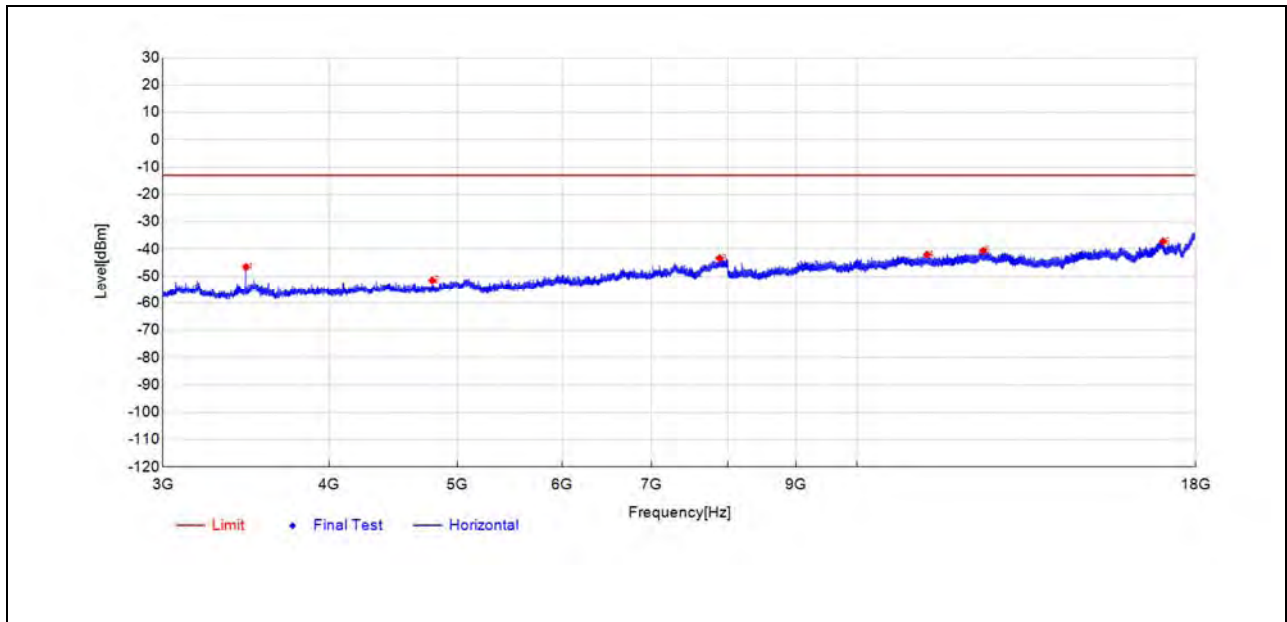
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3440.0147	-43.38	-47.33	-4.0	-13.0	34.3	Vertical	PK	PASS
4788.0596	-49.28	-49.57	-0.3	-13.0	36.6	Vertical	PK	PASS
7889.163	-50.07	-43.47	6.6	-13.0	30.5	Vertical	PK	PASS
11105.7702	-53.28	-41.36	11.9	-13.0	28.4	Vertical	PK	PASS
13768.859	-55.87	-41.35	14.5	-13.0	28.4	Vertical	PK	PASS
16978.4659	-55.64	-34.08	21.6	-13.0	21.1	Vertical	PK	PASS

Plot for Mid Channel



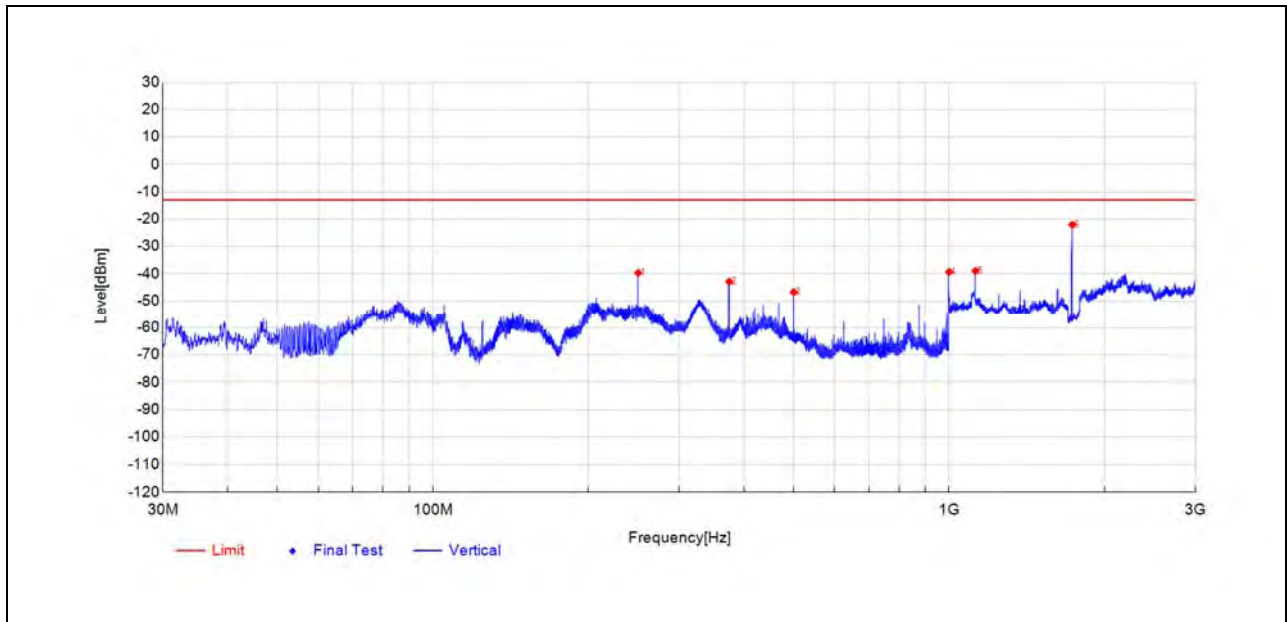
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-26.67	-40.50	-13.8	-13.0	27.5	Horizontal	PK	PASS
499.9885	-26.22	-39.60	-13.4	-13.0	26.6	Horizontal	PK	PASS
1000	-35.25	-40.64	-5.4	-13.0	27.6	Horizontal	PK	PASS
1124.825	-37.62	-41.26	-3.6	-13.0	28.3	Horizontal	PK	PASS
1732.5465	-24.33	-23.22	1.1	-	-	Horizontal	PK	NA
2119.824	-42.11	-39.28	2.8	-13.0	26.3	Horizontal	PK	PASS



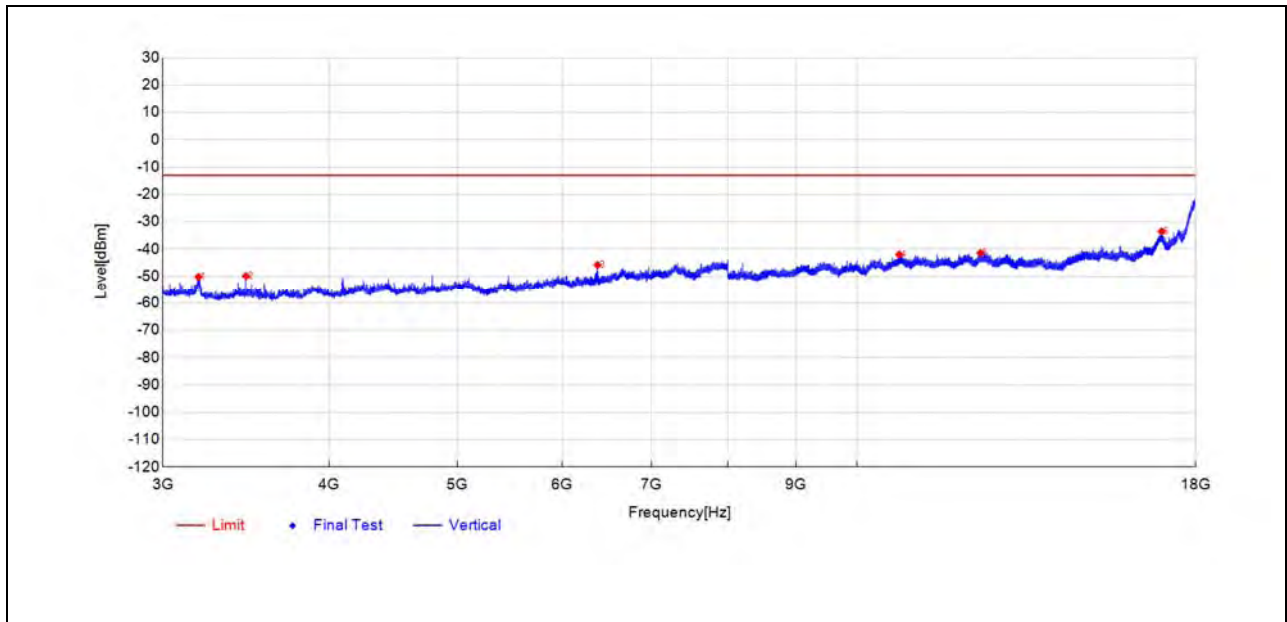
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3465.0155	-42.85	-46.55	-3.7	-13.0	33.6	Horizontal	PK	PASS
4787.5596	-51.20	-51.43	-0.2	-13.0	38.4	Horizontal	PK	PASS
7882.1627	-50.58	-43.32	7.3	-13.0	30.3	Horizontal	PK	PASS
11298.7766	-54.52	-42.02	12.5	-13.0	29.0	Horizontal	PK	PASS
12451.8151	-55.32	-40.60	14.7	-13.0	27.6	Horizontal	PK	PASS
17014.9672	-55.72	-37.18	18.5	-13.0	24.2	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

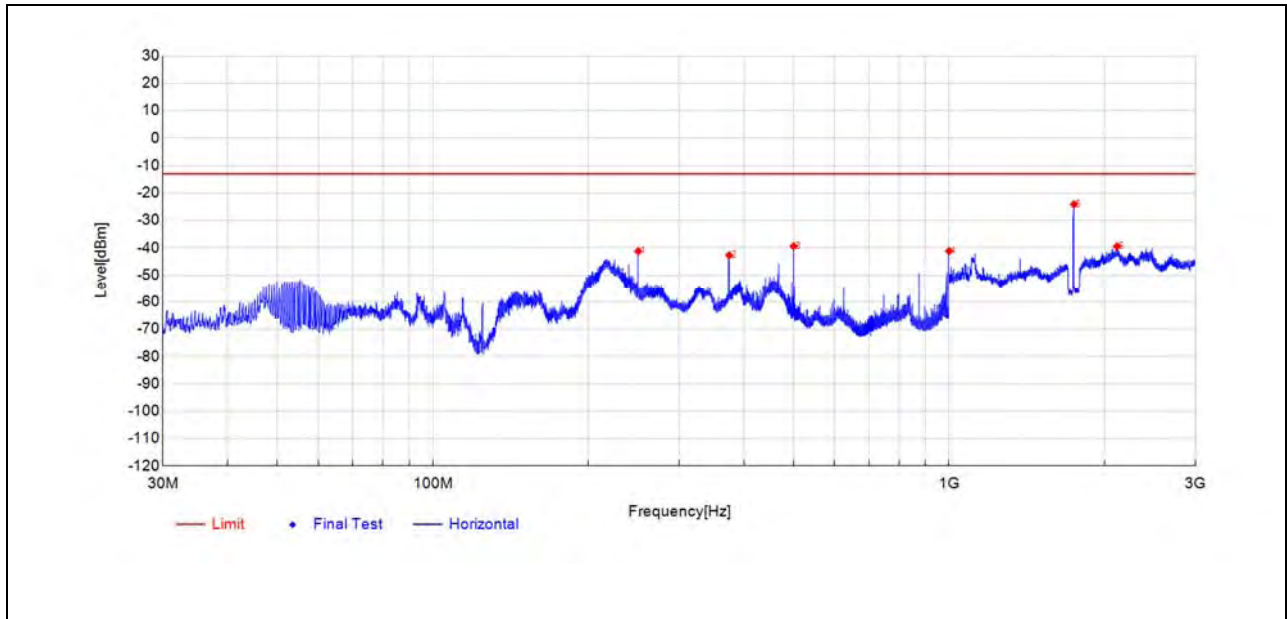
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.96	-39.70	-18.7	-13.0	26.7	Vertical	PK	PASS
374.9978	-26.93	-42.85	-15.9	-13.0	29.9	Vertical	PK	PASS
499.9885	-34.97	-46.76	-11.8	-13.0	33.8	Vertical	PK	PASS
1000	-33.80	-39.37	-5.6	-13.0	26.4	Vertical	PK	PASS
1124.825	-35.50	-38.97	-3.5	-13.0	26.0	Vertical	PK	PASS
1732.5465	-22.45	-22.10	0.4	-	-	Vertical	PK	NA



(Antenna Vertical, 3GHz to 18GHz)

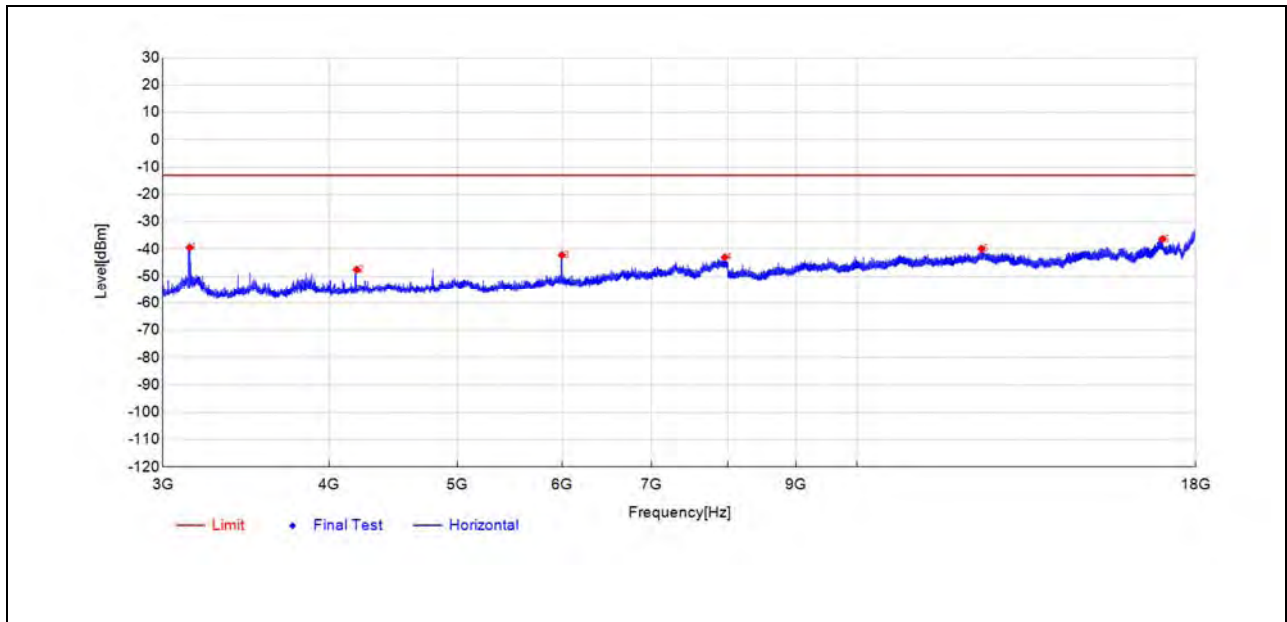
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3191.0064	-46.59	-50.17	-3.6	-13.0	37.2	Vertical	PK	PASS
3465.0155	-45.73	-49.85	-4.1	-13.0	36.9	Vertical	PK	PASS
6378.1126	-49.61	-45.78	3.8	-13.0	32.8	Vertical	PK	PASS
10767.2589	-53.69	-41.99	11.7	-13.0	29.0	Vertical	PK	PASS
12393.3131	-55.44	-41.42	14.0	-13.0	28.4	Vertical	PK	PASS
16973.9658	-55.07	-33.54	21.5	-13.0	20.5	Vertical	PK	PASS

Plot for High Channel



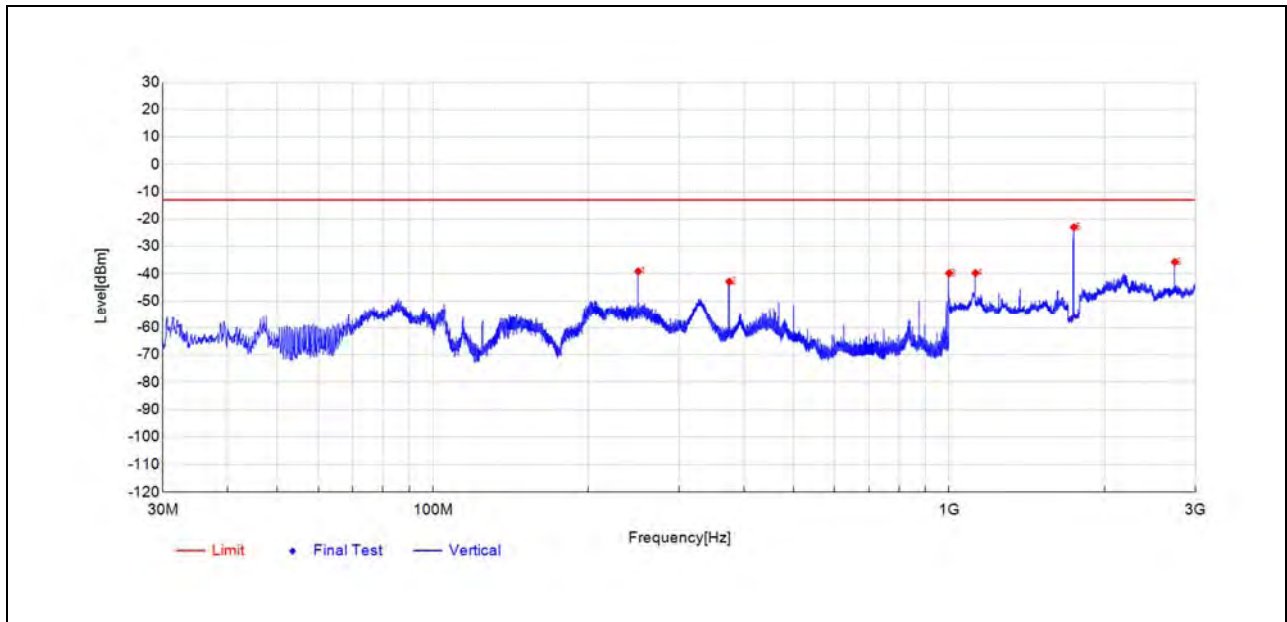
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.36	-41.18	-13.8	-13.0	28.2	Horizontal	PK	PASS
374.9978	-28.07	-42.67	-14.6	-13.0	29.7	Horizontal	PK	PASS
499.9885	-26.00	-39.38	-13.4	-13.0	26.4	Horizontal	PK	PASS
1000	-35.73	-41.12	-5.4	-13.0	28.1	Horizontal	PK	PASS
1744.949	-25.95	-24.13	1.8	-	-	Horizontal	PK	NA
2113.8228	-42.20	-39.45	2.8	-13.0	26.5	Horizontal	PK	PASS



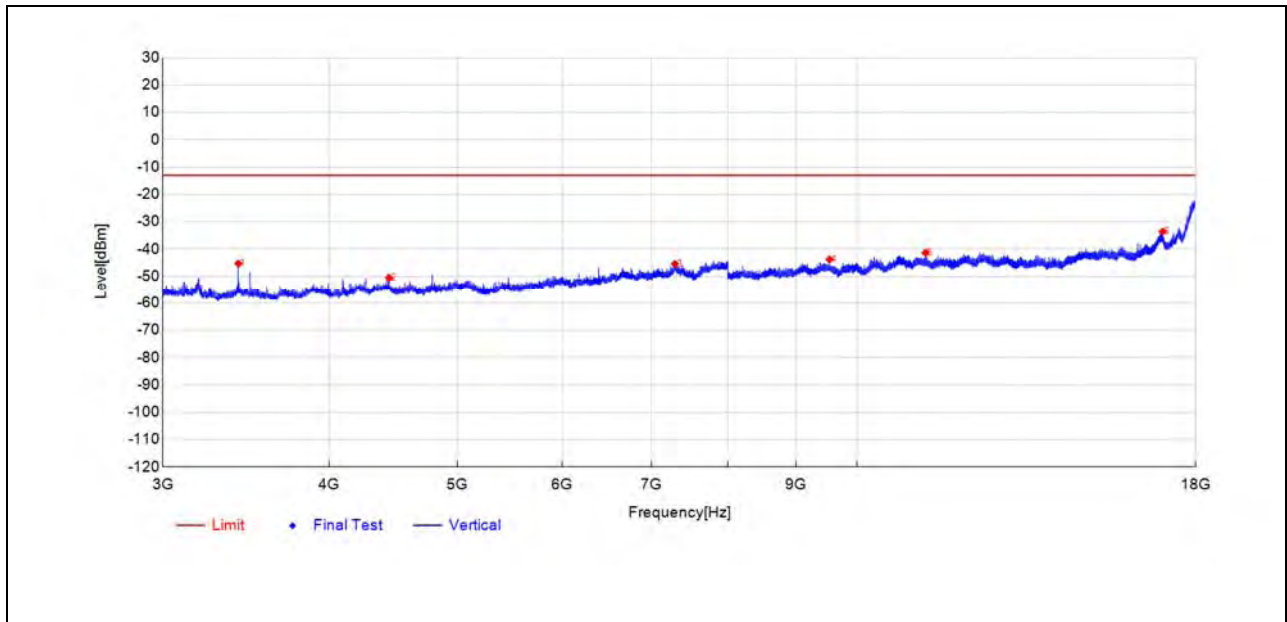
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3142.0047	-36.76	-39.38	-2.6	-13.0	26.4	Horizontal	PK	PASS
4199.04	-46.44	-47.50	-1.1	-13.0	34.5	Horizontal	PK	PASS
5995.0998	-46.69	-42.17	4.5	-13.0	29.2	Horizontal	PK	PASS
7953.6651	-50.27	-42.98	7.3	-13.0	30.0	Horizontal	PK	PASS
12416.8139	-54.78	-39.88	14.9	-13.0	26.9	Horizontal	PK	PASS
16995.4665	-55.07	-36.30	18.8	-13.0	23.3	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-20.41	-39.15	-18.7	-13.0	26.2	Vertical	PK	PASS
374.9978	-26.98	-42.90	-15.9	-13.0	29.9	Vertical	PK	PASS
1000	-34.26	-39.83	-5.6	-13.0	26.8	Vertical	PK	PASS
1124.825	-36.26	-39.73	-3.5	-13.0	26.7	Vertical	PK	PASS
1744.949	-23.83	-23.00	0.8	-	-	Vertical	PK	NA
2735.9472	-43.40	-35.75	7.7	-13.0	22.8	Vertical	PK	PASS

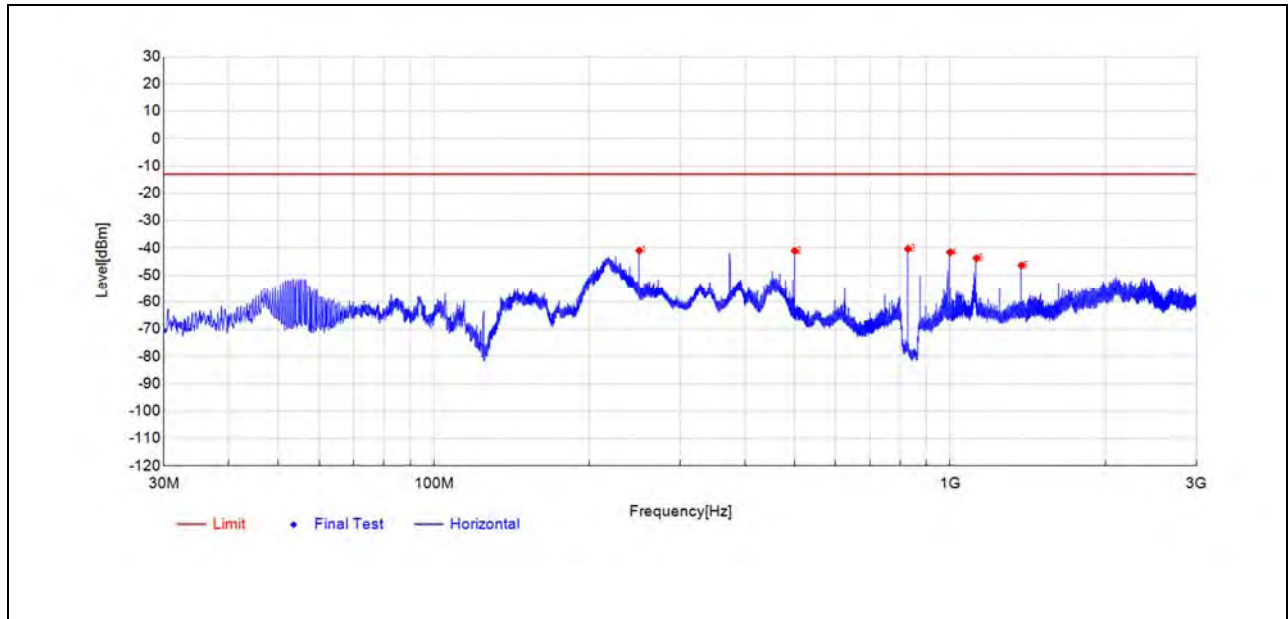


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-41.27	-45.28	-4.0	-13.0	32.3	Vertical	PK	PASS
4442.0481	-49.96	-50.47	-0.5	-13.0	37.5	Vertical	PK	PASS
7293.6431	-53.31	-45.42	7.9	-13.0	32.4	Vertical	PK	PASS
9540.718	-52.81	-43.77	9.0	-13.0	30.8	Vertical	PK	PASS
11268.7756	-52.80	-41.33	11.5	-13.0	28.3	Vertical	PK	PASS
17002.4667	-55.27	-33.60	21.7	-13.0	20.6	Vertical	PK	PASS

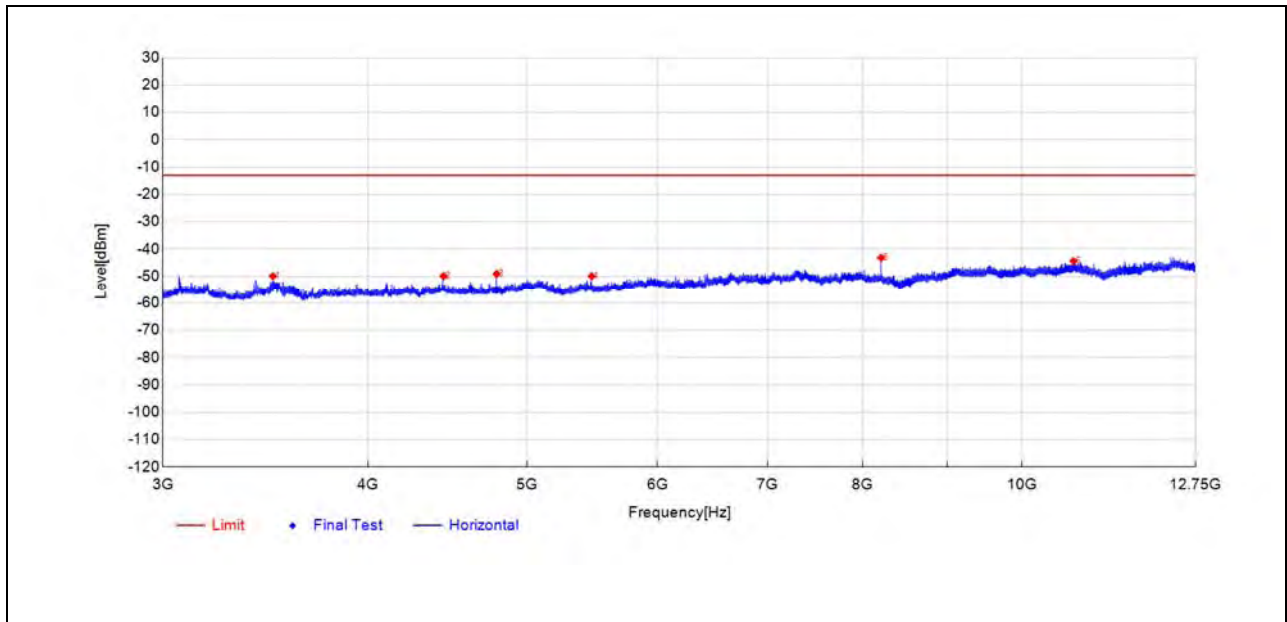
**LTE Band 5**

Plot for Low Channel



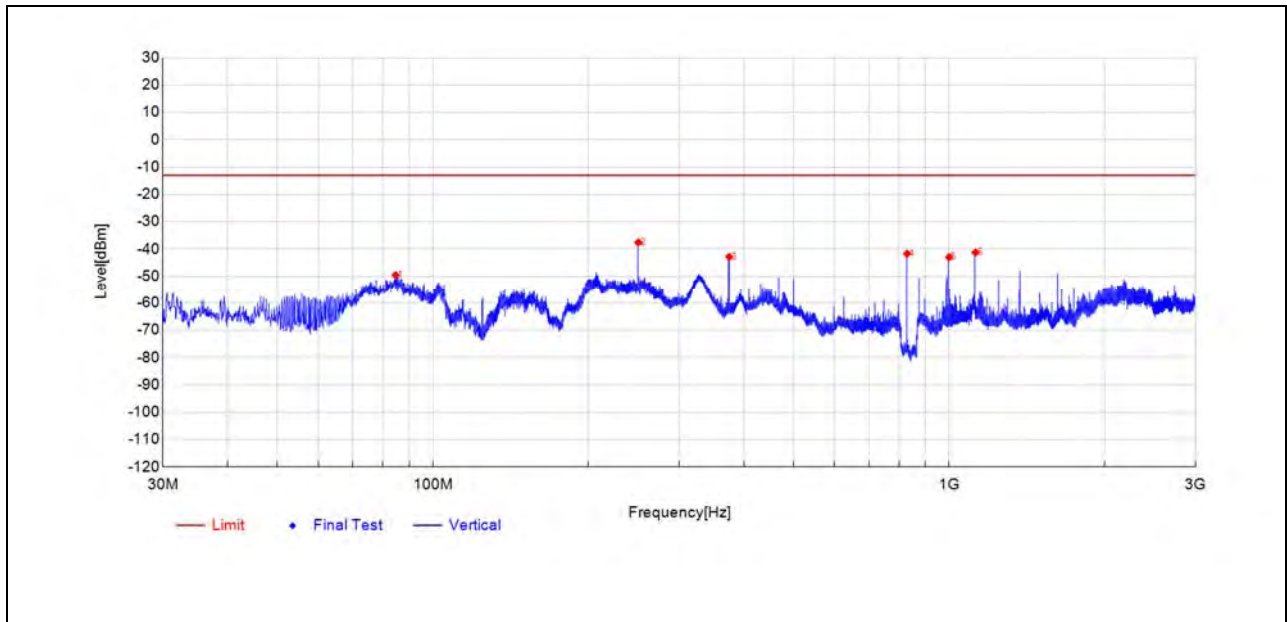
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.32	-40.94	-13.6	-13.0	27.9	Horizontal	PK	PASS
499.9885	-28.54	-41.01	-12.5	-13.0	28.0	Horizontal	PK	PASS
829.0775	-34.65	-40.30	-5.7	-	-	Horizontal	PK	NA
1000	-36.77	-41.56	-4.8	-13.0	28.6	Horizontal	PK	PASS
1124.9062	-40.59	-43.75	-3.2	-13.0	30.8	Horizontal	PK	PASS
1374.9187	-46.11	-46.38	-0.3	-13.0	33.4	Horizontal	PK	PASS



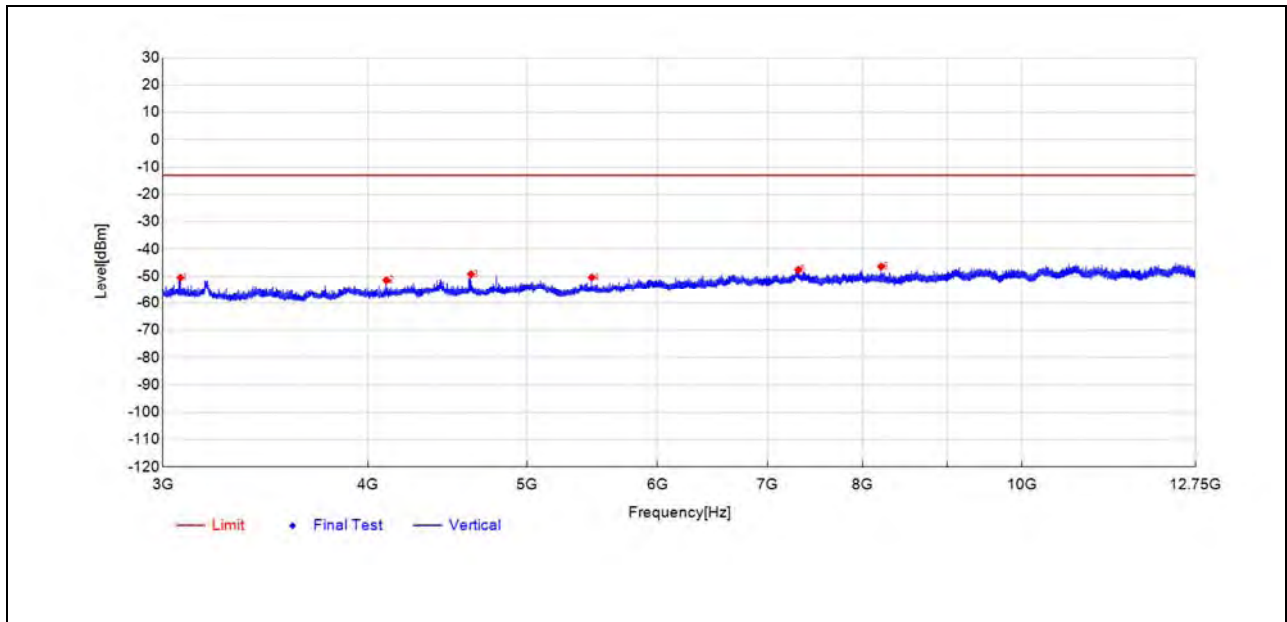
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3499.8667	-45.84	-49.88	-4.0	-13.0	36.9	Horizontal	PK	PASS
4445.3232	-49.70	-49.88	-0.2	-13.0	36.9	Horizontal	PK	PASS
4788.2096	-48.84	-49.08	-0.2	-13.0	36.1	Horizontal	PK	PASS
5471.3824	-51.72	-49.92	1.8	-13.0	36.9	Horizontal	PK	PASS
8208.2986	-50.29	-43.17	7.1	-13.0	30.2	Horizontal	PK	PASS
10746.9582	-56.19	-44.40	11.8	-13.0	31.4	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.6622	-28.78	-49.53	-20.8	-13.0	36.5	Vertical	PK	PASS
249.9585	-19.02	-37.55	-18.5	-13.0	24.6	Vertical	PK	PASS
374.9978	-27.22	-42.81	-15.6	-13.0	29.8	Vertical	PK	PASS
829.0775	-36.50	-41.69	-5.2	-	-	Vertical	PK	NA
1000	-37.96	-42.93	-5.0	-13.0	29.9	Vertical	PK	PASS
1124.9062	-38.22	-41.21	-3.0	-13.0	28.2	Vertical	PK	PASS

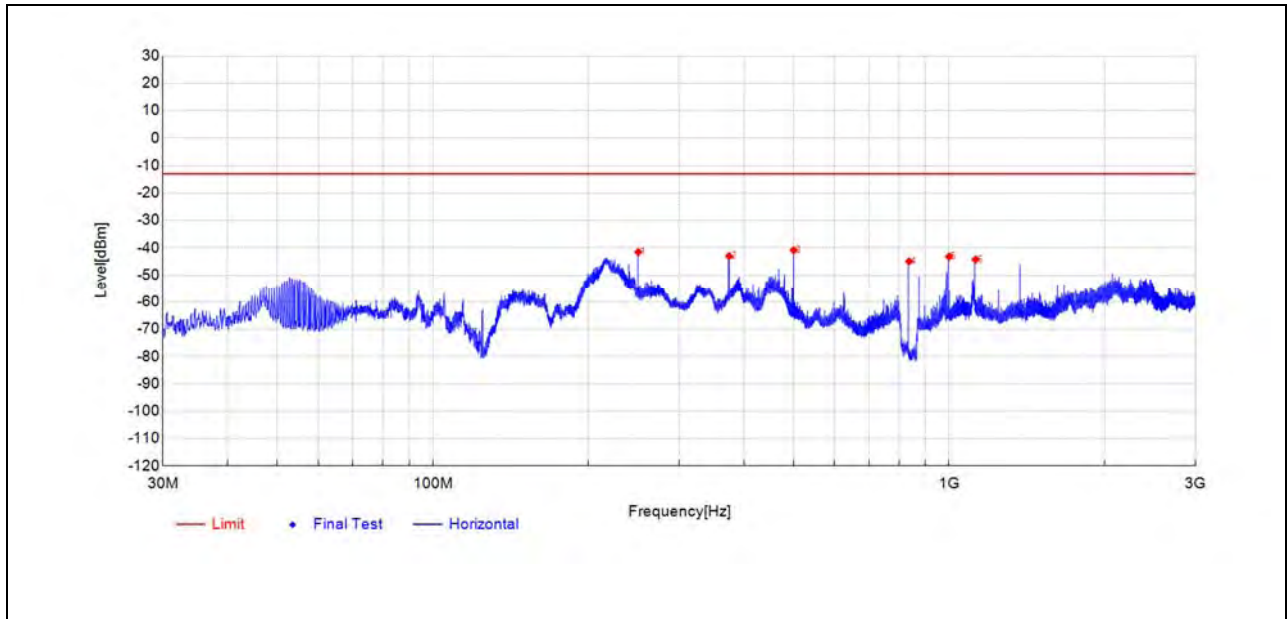


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3074.7525	-46.68	-50.43	-3.8	-13.0	37.4	Vertical	PK	PASS
4103.4118	-48.69	-51.36	-2.7	-13.0	38.4	Vertical	PK	PASS
4619.529	-48.63	-49.19	-0.6	-13.0	36.2	Vertical	PK	PASS
5472.0324	-51.93	-50.35	1.6	-13.0	37.4	Vertical	PK	PASS
7308.6686	-55.52	-47.55	8.0	-13.0	34.6	Vertical	PK	PASS
8208.2986	-52.70	-46.37	6.3	-13.0	33.4	Vertical	PK	PASS

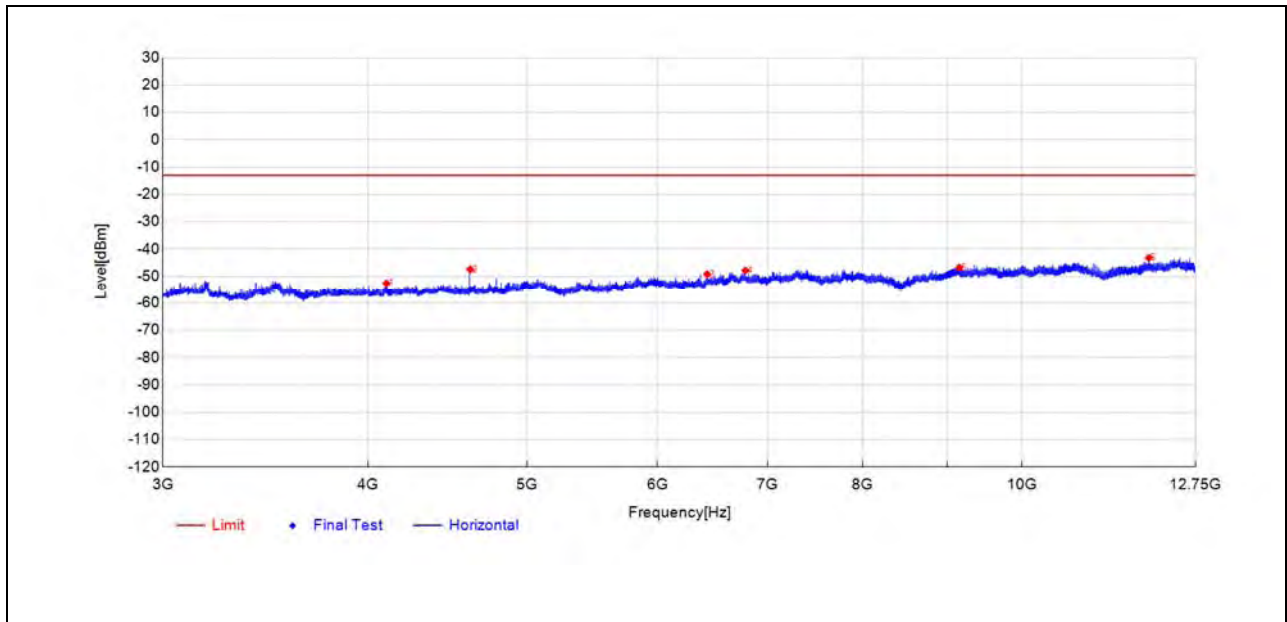


Plot for Mid Channel



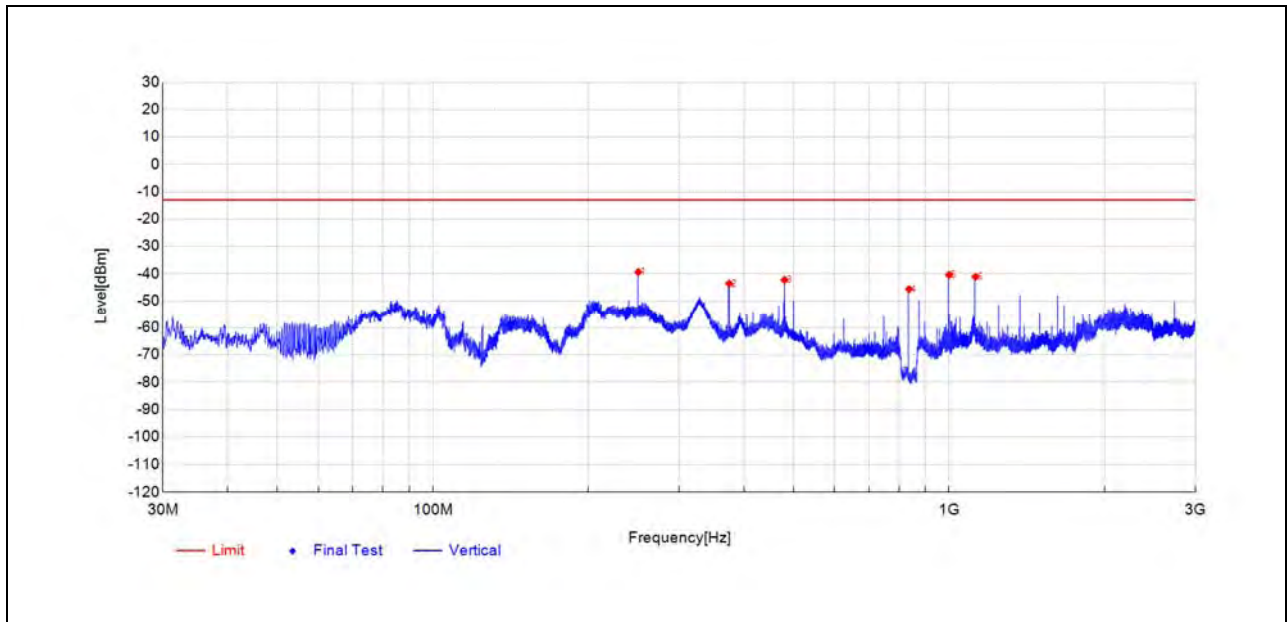
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.86	-41.48	-13.6	-13.0	28.5	Horizontal	PK	PASS
374.9492	-28.67	-42.95	-14.3	-13.0	30.0	Horizontal	PK	PASS
499.9885	-28.35	-40.82	-12.5	-13.0	27.8	Horizontal	PK	PASS
836.5953	-38.51	-44.90	-6.4	-	-	Horizontal	PK	NA
1000	-38.36	-43.15	-4.8	-13.0	30.2	Horizontal	PK	PASS
1125.0062	-41.06	-44.22	-3.2	-13.0	31.2	Horizontal	PK	PASS



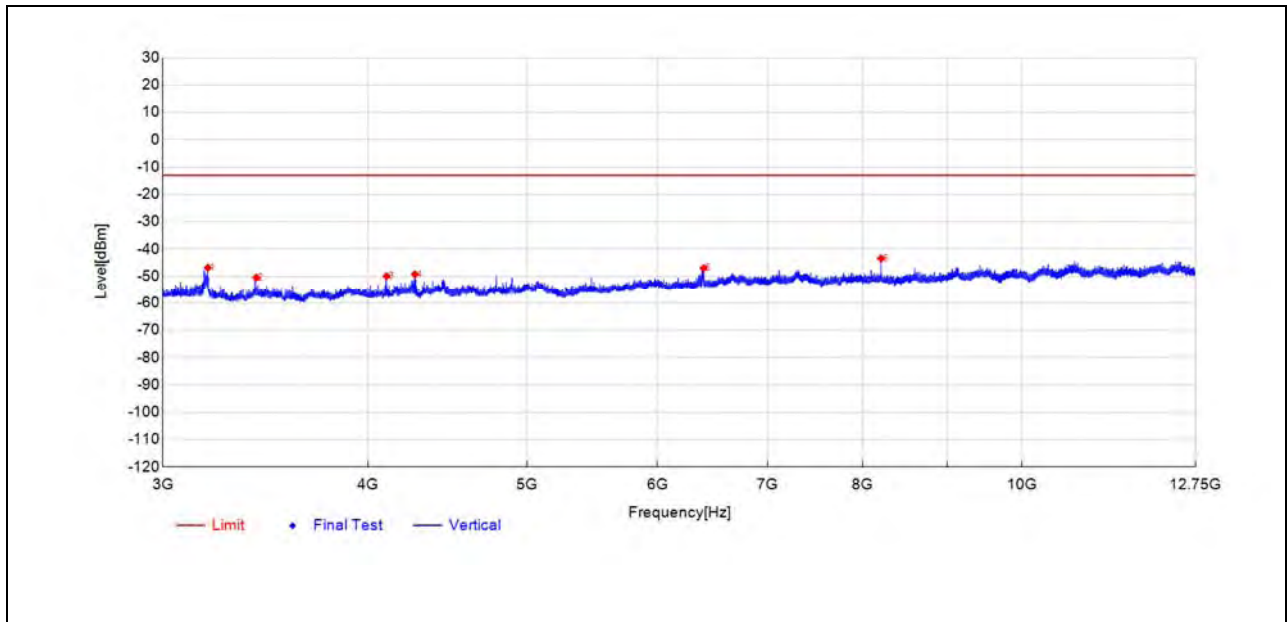
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
4103.7368	-50.50	-52.58	-2.1	-13.0	39.6	Horizontal	PK	PASS
4614.6538	-46.78	-47.38	-0.6	-13.0	34.4	Horizontal	PK	PASS
6431.7894	-53.68	-49.20	4.5	-13.0	36.2	Horizontal	PK	PASS
6787.0262	-54.27	-47.80	6.5	-13.0	34.8	Horizontal	PK	PASS
9156.6802	-56.26	-46.78	9.5	-13.0	33.8	Horizontal	PK	PASS
11943.9731	-56.35	-43.22	13.1	-13.0	30.2	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-20.85	-39.38	-18.5	-13.0	26.4	Vertical	PK	PASS
374.9978	-28.02	-43.61	-15.6	-13.0	30.6	Vertical	PK	PASS
479.957	-30.53	-42.26	-11.7	-13.0	29.3	Vertical	PK	PASS
836.5953	-40.05	-45.64	-5.6	-	-	Vertical	PK	NA
1000	-35.46	-40.43	-5.0	-13.0	27.4	Vertical	PK	PASS
1124.9062	-38.13	-41.12	-3.0	-13.0	28.1	Vertical	PK	PASS

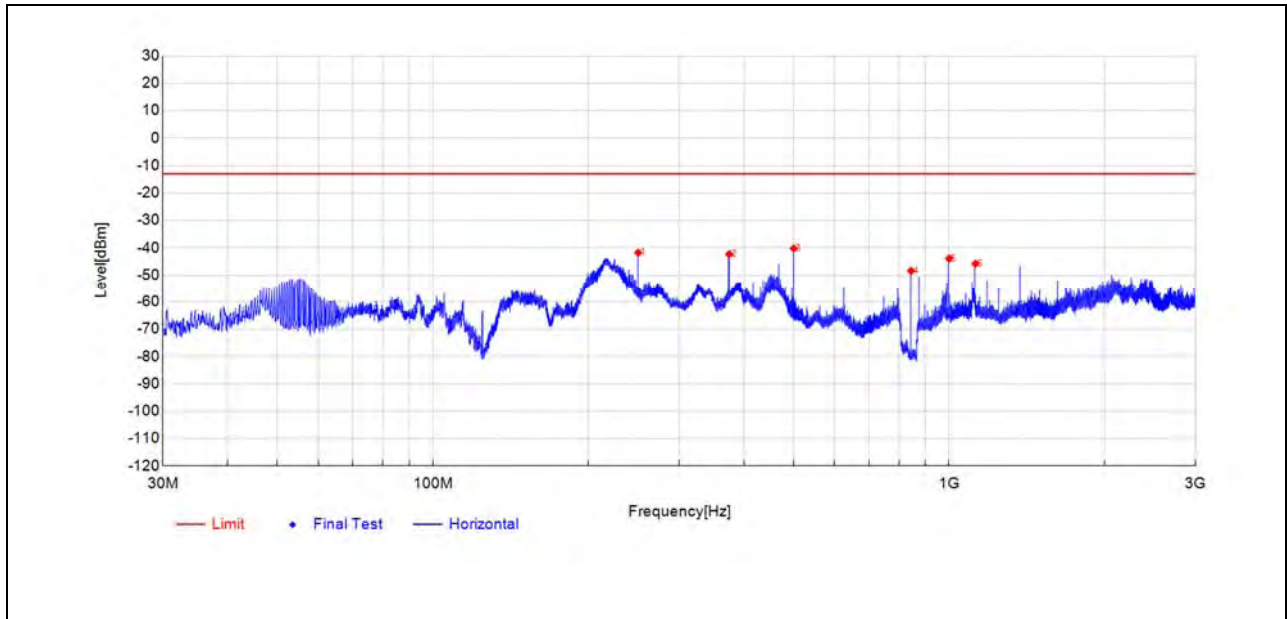


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3195.0065	-43.24	-46.83	-3.6	-13.0	33.8	Vertical	PK	PASS
3419.264	-46.36	-50.38	-4.0	-13.0	37.4	Vertical	PK	PASS
4104.3868	-47.24	-49.90	-2.7	-13.0	36.9	Vertical	PK	PASS
4270.4673	-47.61	-49.20	-1.6	-13.0	36.2	Vertical	PK	PASS
6399.9383	-50.81	-46.97	3.8	-13.0	34.0	Vertical	PK	PASS
8207.3236	-49.77	-43.44	6.3	-13.0	30.4	Vertical	PK	PASS

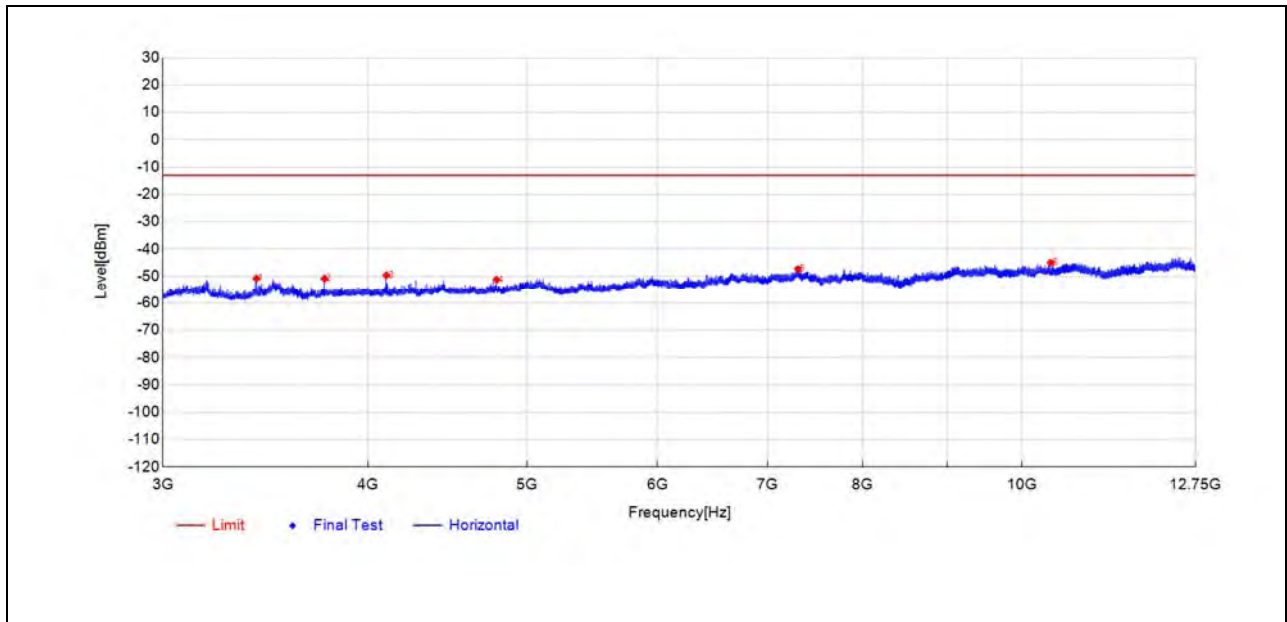


Plot for High Channel



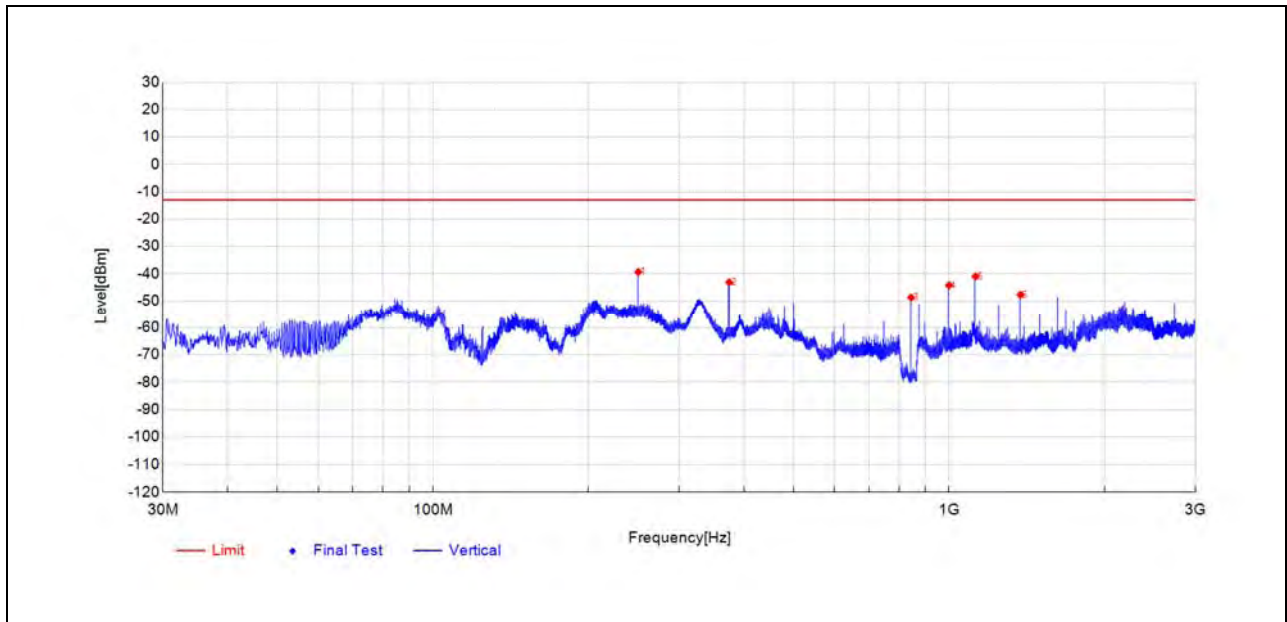
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-28.13	-41.74	-13.6	-13.0	28.7	Horizontal	PK	PASS
374.9978	-28.00	-42.27	-14.3	-13.0	29.3	Horizontal	PK	PASS
499.9885	-27.73	-40.20	-12.5	-13.0	27.2	Horizontal	PK	PASS
844.0647	-41.16	-48.35	-7.2	-	-	Horizontal	PK	NA
1000	-39.09	-43.88	-4.8	-13.0	30.9	Horizontal	PK	PASS
1124.9062	-42.59	-45.75	-3.2	-13.0	32.8	Horizontal	PK	PASS



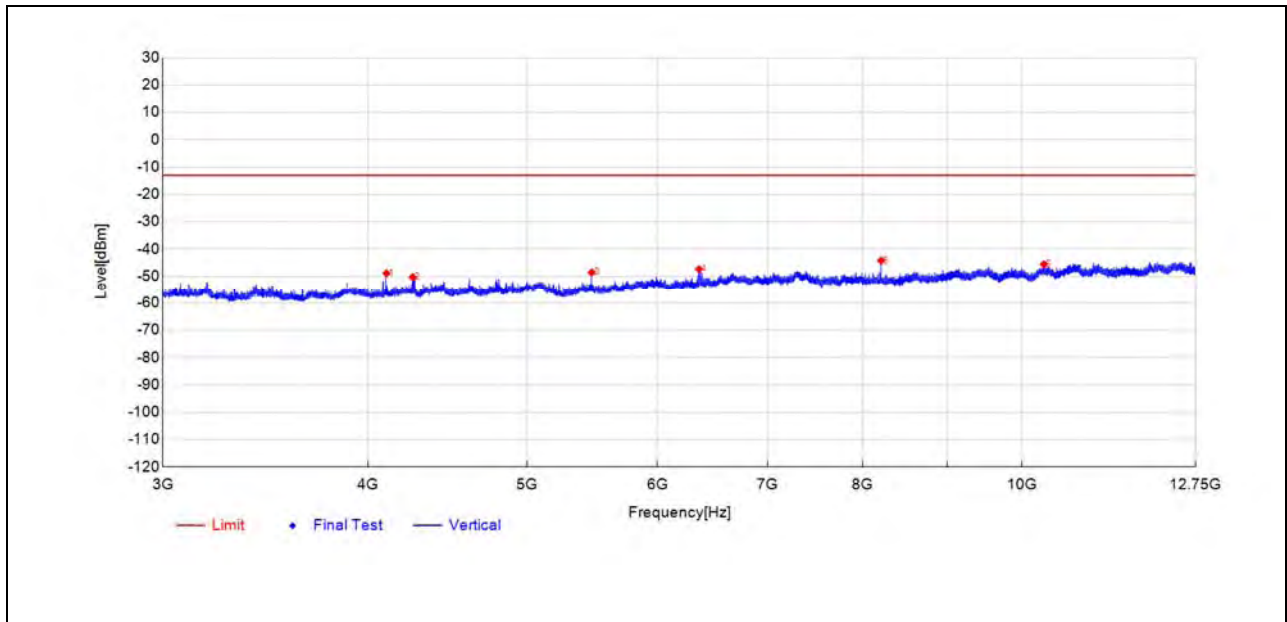
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3419.589	-46.96	-50.72	-3.8	-13.0	37.7	Horizontal	PK	PASS
3762.1504	-48.07	-50.79	-2.7	-13.0	37.8	Horizontal	PK	PASS
4103.7368	-47.50	-49.58	-2.1	-13.0	36.6	Horizontal	PK	PASS
4788.2096	-50.94	-51.18	-0.2	-13.0	38.2	Horizontal	PK	PASS
7304.1185	-55.34	-47.30	8.0	-13.0	34.3	Horizontal	PK	PASS
10409.597	-55.18	-44.94	10.2	-13.0	31.9	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.83	-39.36	-18.5	-13.0	26.4	Vertical	PK	PASS
374.9978	-27.52	-43.11	-15.6	-13.0	30.1	Vertical	PK	PASS
844.0647	-42.62	-48.69	-6.1	-	-	Vertical	PK	NA
1000	-39.26	-44.23	-5.0	-13.0	31.2	Vertical	PK	PASS
1125.0062	-38.00	-40.99	-3.0	-13.0	28.0	Vertical	PK	PASS
1375.0188	-46.92	-47.70	-0.8	-13.0	34.7	Vertical	PK	PASS

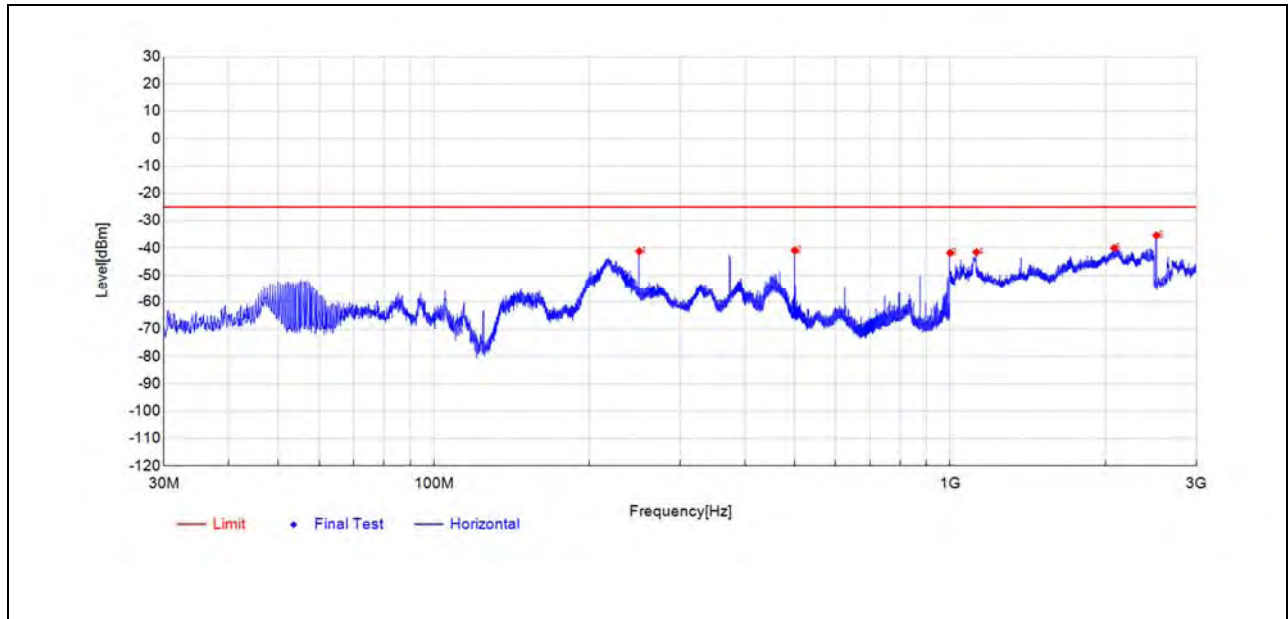


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
4104.0618	-46.20	-48.86	-2.7	-13.0	35.9	Vertical	PK	PASS
4257.7919	-48.83	-50.25	-1.4	-13.0	37.3	Vertical	PK	PASS
5472.0324	-50.10	-48.52	1.6	-13.0	35.5	Vertical	PK	PASS
6359.962	-51.15	-47.34	3.8	-13.0	34.3	Vertical	PK	PASS
8208.2986	-50.52	-44.19	6.3	-13.0	31.2	Vertical	PK	PASS
10309.8187	-55.49	-45.57	9.9	-13.0	32.6	Vertical	PK	PASS

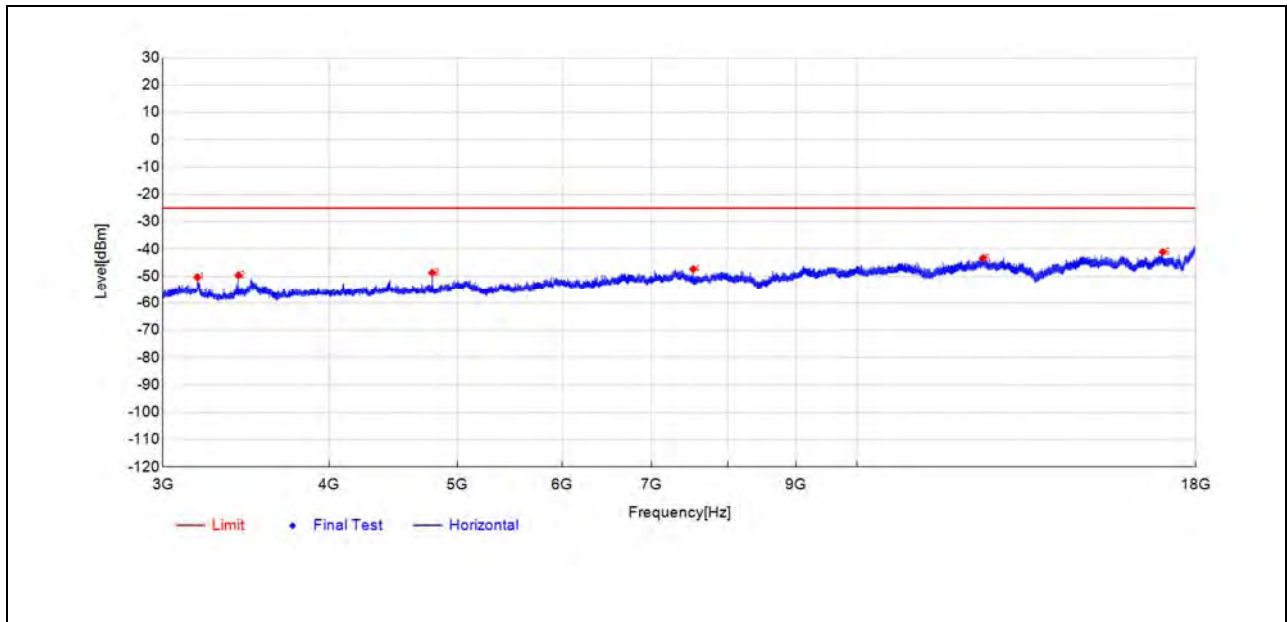
**LTE Band 7**

Plot for Low Channel



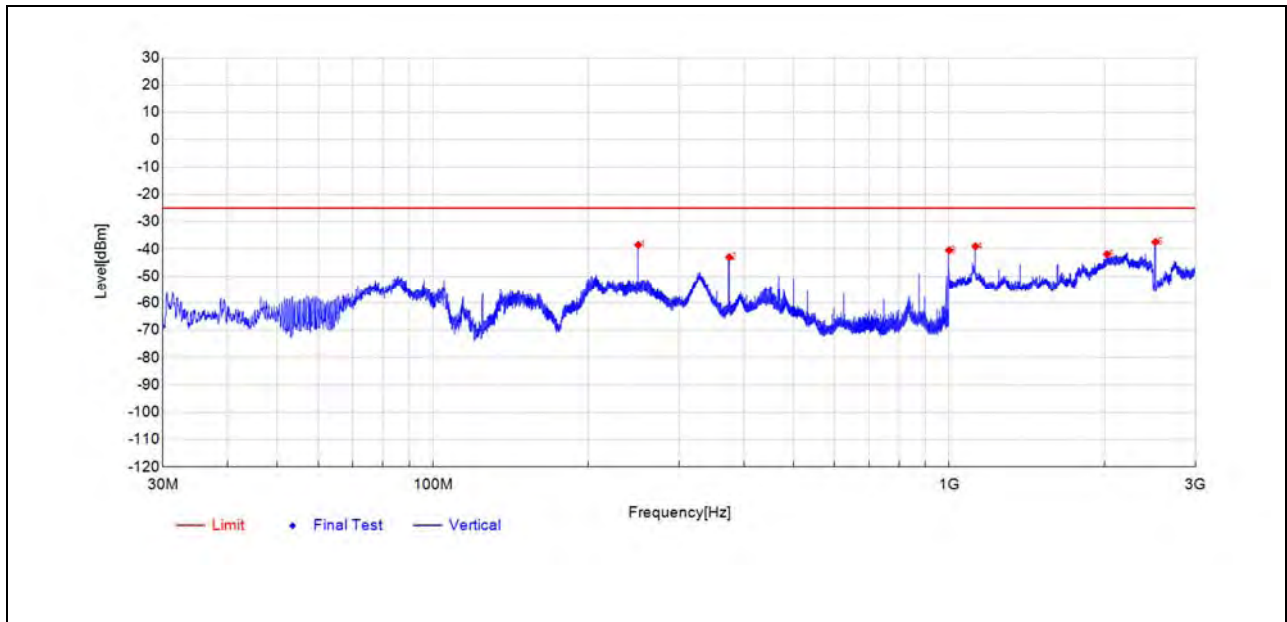
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.37	-41.19	-13.8	-25.0	16.2	Horizontal	PK	PASS
499.9885	-27.47	-40.85	-13.4	-25.0	15.9	Horizontal	PK	PASS
1000	-36.59	-41.77	-5.2	-25.0	16.8	Horizontal	PK	PASS
1124.4249	-37.84	-41.52	-3.7	-25.0	16.5	Horizontal	PK	PASS
2078.2156	-41.85	-40.01	1.8	-25.0	15.0	Horizontal	PK	PASS
2509.902	-41.50	-35.39	6.1	-	-	Horizontal	PK	NA



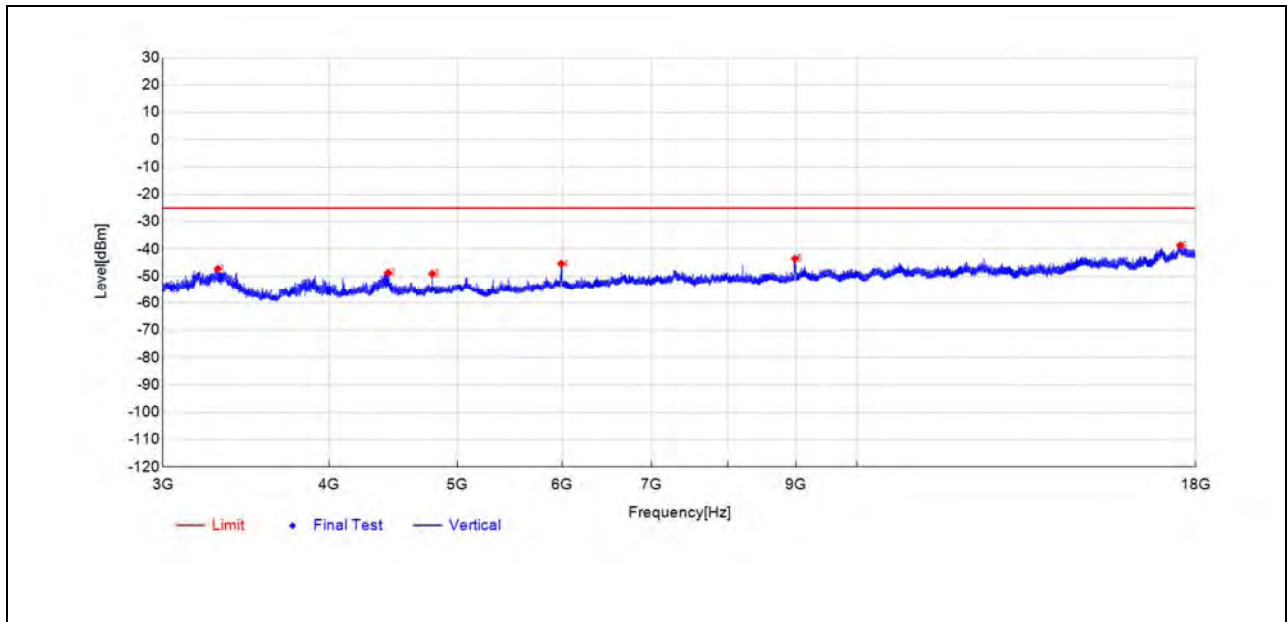
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3185.5062	-47.29	-50.27	-3.0	-25.0	25.3	Horizontal	PK	PASS
3420.014	-45.80	-49.56	-3.8	-25.0	24.6	Horizontal	PK	PASS
4788.0596	-48.45	-48.68	-0.2	-25.0	23.7	Horizontal	PK	PASS
7529.651	-53.12	-47.32	5.8	-25.0	22.3	Horizontal	PK	PASS
12448.815	-58.03	-43.30	14.7	-25.0	18.3	Horizontal	PK	PASS
17006.9669	-59.71	-41.04	18.7	-25.0	16.0	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-19.71	-38.45	-18.7	-25.0	13.5	Vertical	PK	PASS
374.9978	-27.02	-42.94	-15.9	-25.0	17.9	Vertical	PK	PASS
1000	-35.06	-40.42	-5.4	-25.0	15.4	Vertical	PK	PASS
1124.825	-35.46	-38.97	-3.5	-25.0	14.0	Vertical	PK	PASS
2021.8044	-43.71	-41.84	1.9	-25.0	16.8	Vertical	PK	PASS
2510.3021	-42.83	-37.41	5.4	-	-	Vertical	PK	NA

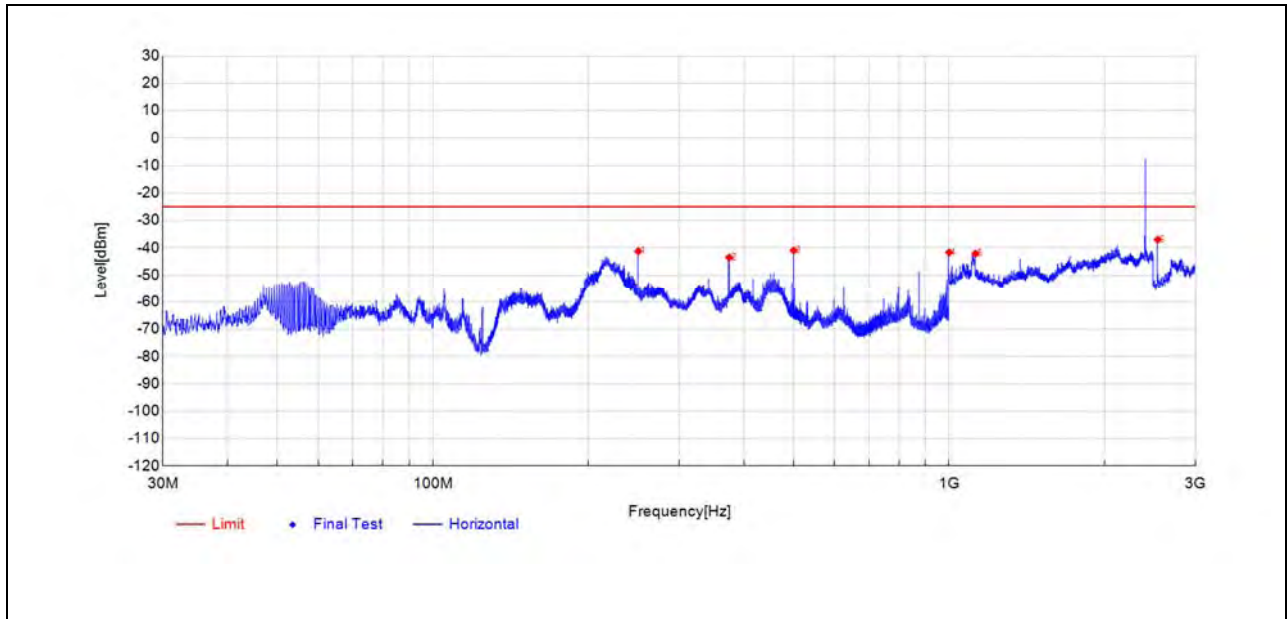


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3300.01	-42.25	-47.18	-4.9	-25.0	22.2	Vertical	PK	PASS
4434.0478	-48.22	-48.63	-0.4	-25.0	23.6	Vertical	PK	PASS
4787.5596	-48.77	-49.06	-0.3	-25.0	24.1	Vertical	PK	PASS
5988.5996	-49.54	-45.35	4.2	-25.0	20.4	Vertical	PK	PASS
8983.6995	-50.51	-43.50	7.0	-25.0	18.5	Vertical	PK	PASS
17533.4844	-62.33	-38.66	23.7	-25.0	13.7	Vertical	PK	PASS

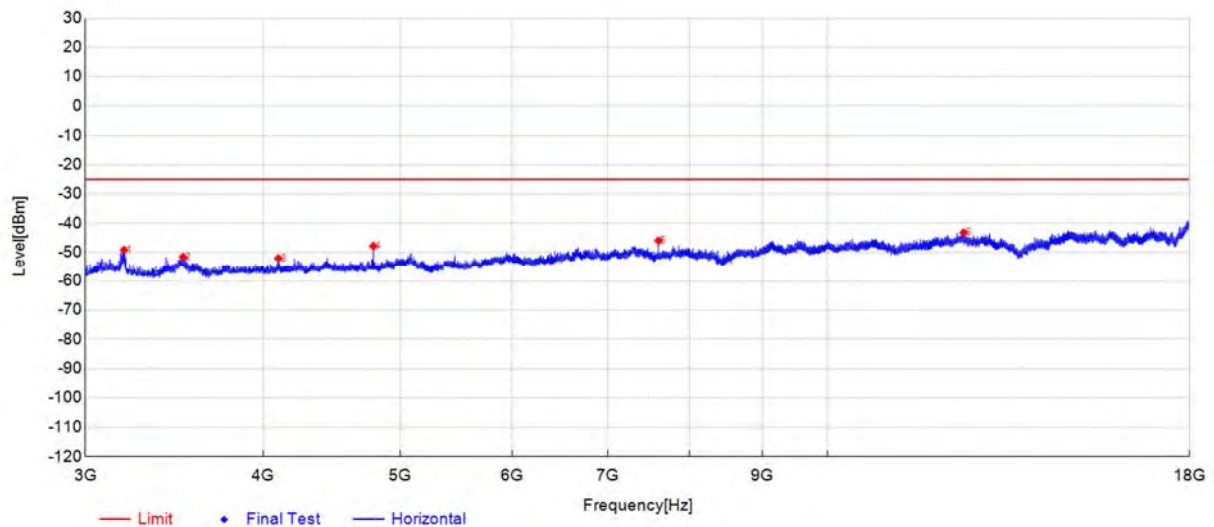


Plot for Mid Channel



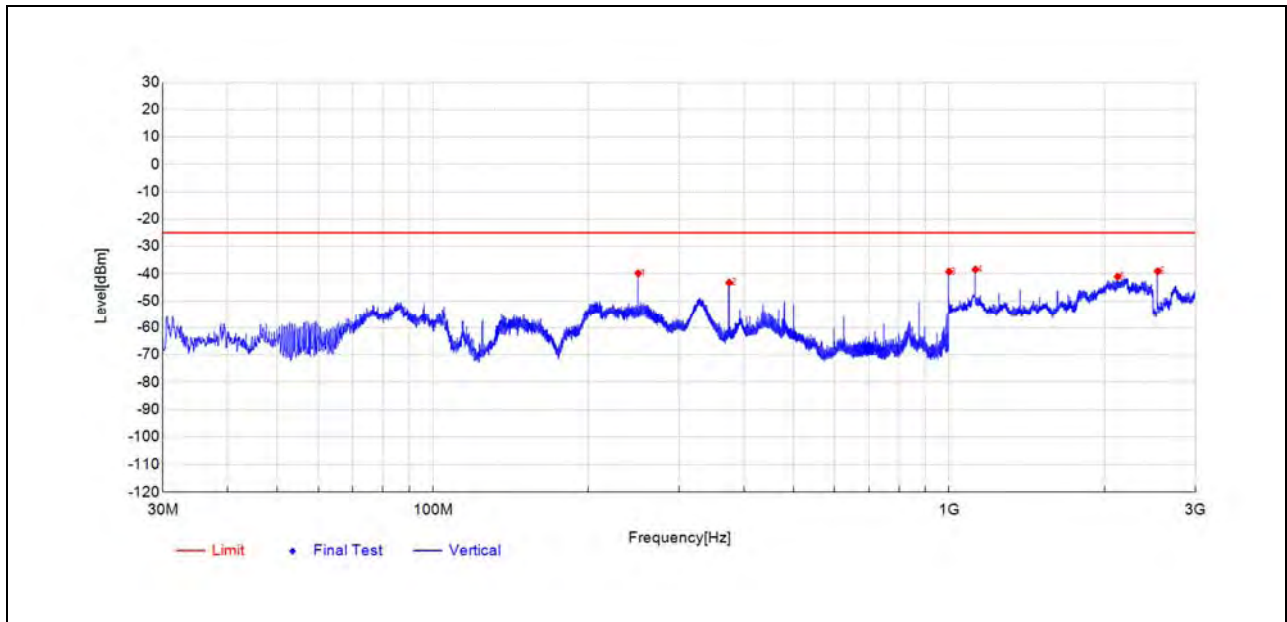
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.35	-41.18	-13.8	-25.0	16.2	Horizontal	PK	PASS
374.9978	-28.87	-43.47	-14.6	-25.0	18.5	Horizontal	PK	PASS
499.9885	-27.51	-40.89	-13.4	-25.0	15.9	Horizontal	PK	PASS
1000	-36.47	-41.65	-5.2	-25.0	16.7	Horizontal	PK	PASS
1124.4249	-38.41	-42.09	-3.7	-25.0	17.1	Horizontal	PK	PASS
2535.107	-44.05	-36.98	7.1	-	-	Horizontal	PK	NA



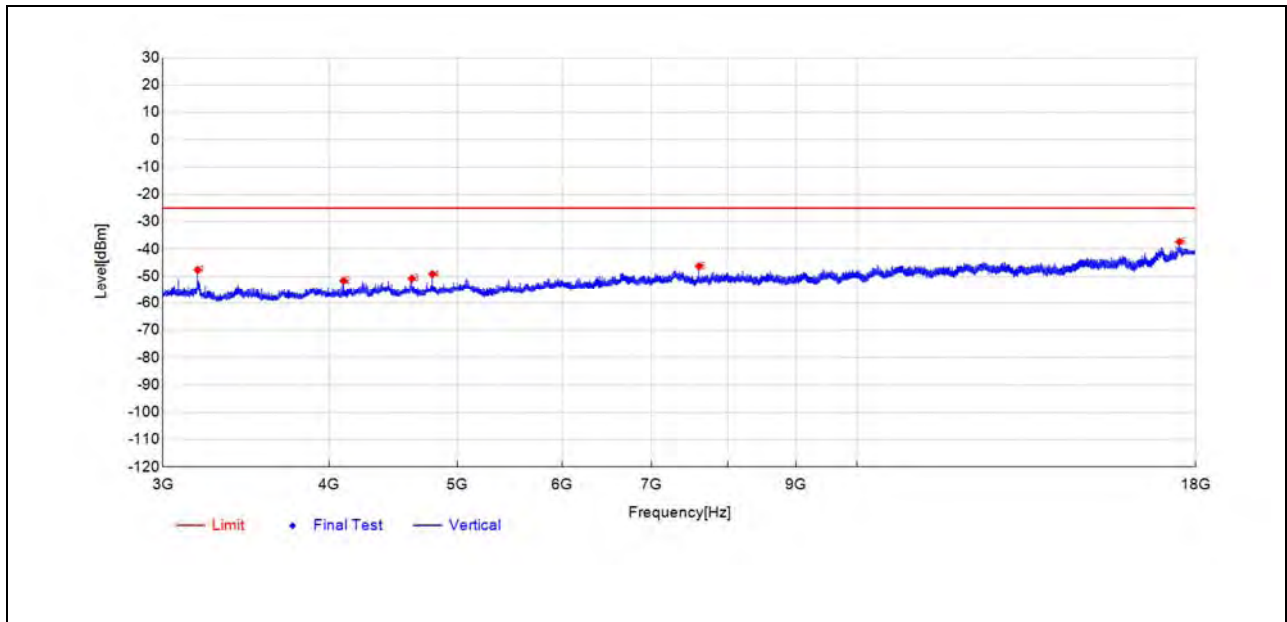
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3194.0065	-46.11	-49.17	-3.1	-25.0	24.2	Horizontal	PK	PASS
3515.5172	-47.51	-51.60	-4.1	-25.0	26.6	Horizontal	PK	PASS
4103.5368	-50.01	-52.10	-2.1	-25.0	27.1	Horizontal	PK	PASS
4788.0596	-47.59	-47.82	-0.2	-25.0	22.8	Horizontal	PK	PASS
7605.1535	-51.72	-45.93	5.8	-25.0	20.9	Horizontal	PK	PASS
12480.316	-57.79	-43.22	14.6	-25.0	18.2	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.10	-39.84	-18.7	-25.0	14.8	Vertical	PK	PASS
374.9978	-27.34	-43.26	-15.9	-25.0	18.3	Vertical	PK	PASS
1000	-33.86	-39.22	-5.4	-25.0	14.2	Vertical	PK	PASS
1124.825	-34.96	-38.47	-3.5	-25.0	13.5	Vertical	PK	PASS
2120.224	-42.43	-41.07	1.4	-25.0	16.1	Vertical	PK	PASS
2535.107	-45.85	-39.09	6.8	-	-	Vertical	PK	NA

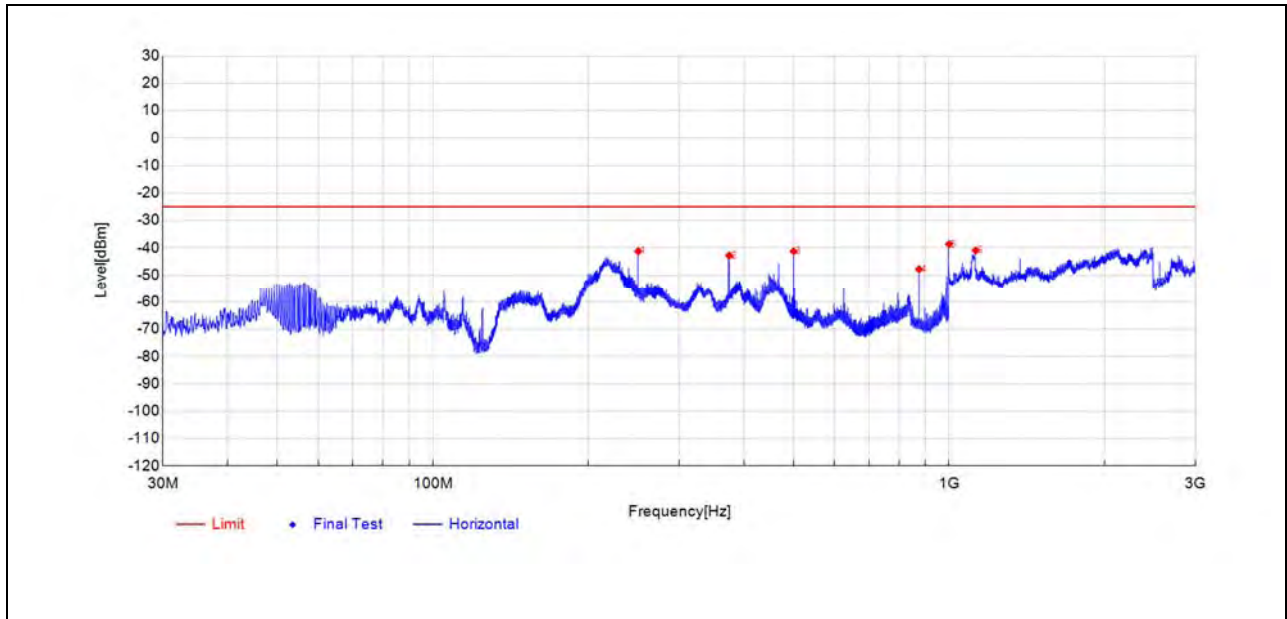


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3186.5062	-44.02	-47.58	-3.6	-25.0	22.6	Vertical	PK	PASS
4104.0368	-48.92	-51.58	-2.7	-25.0	26.6	Vertical	PK	PASS
4621.054	-50.19	-50.76	-0.6	-25.0	25.8	Vertical	PK	PASS
4788.5596	-48.86	-49.15	-0.3	-25.0	24.2	Vertical	PK	PASS
7605.1535	-51.90	-46.27	5.6	-25.0	21.3	Vertical	PK	PASS
17503.4834	-61.49	-37.33	24.2	-25.0	12.3	Vertical	PK	PASS

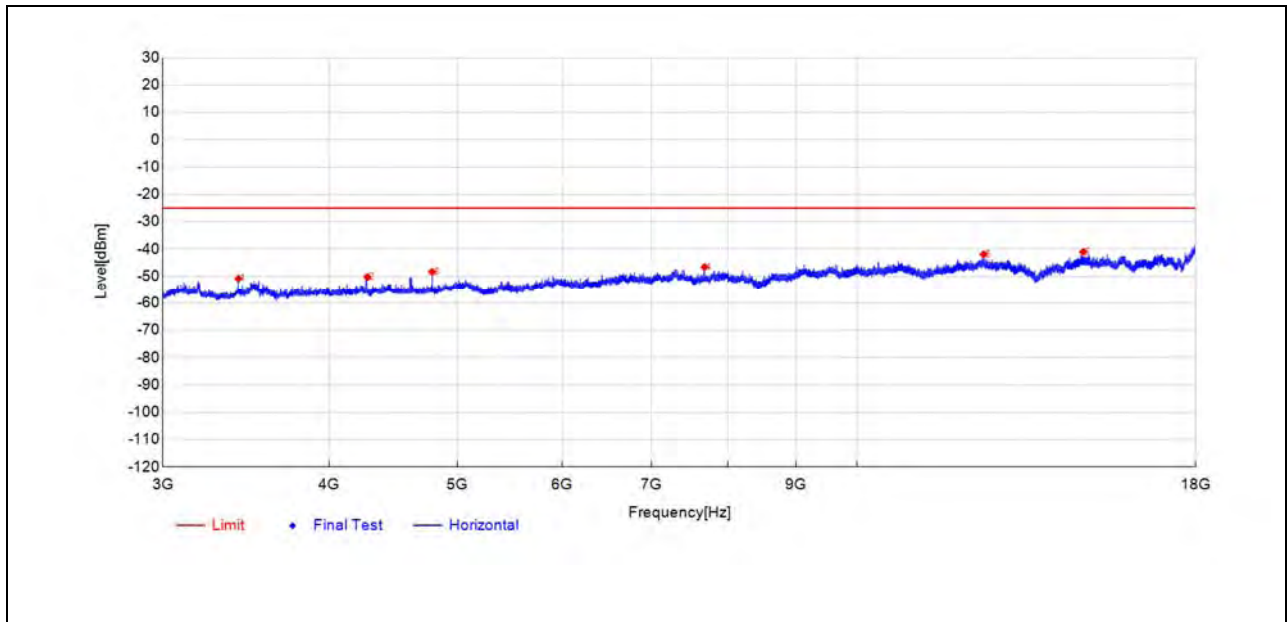


Plot for High Channel



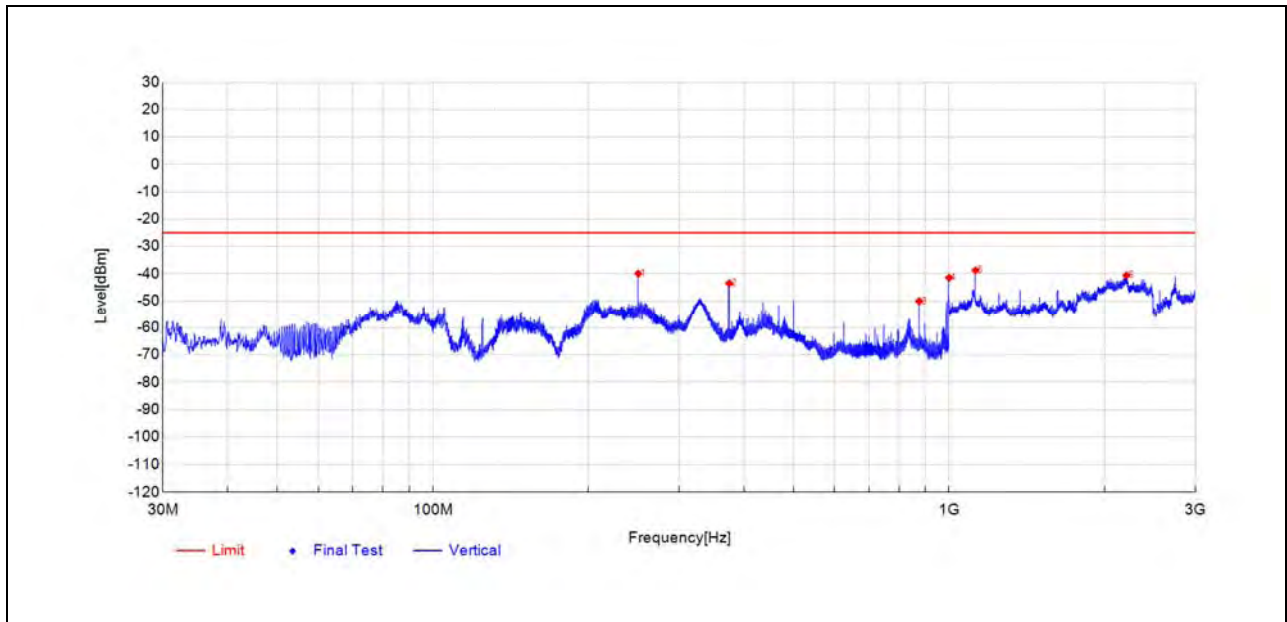
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.34	-41.17	-13.8	-25.0	16.2	Horizontal	PK	PASS
374.9978	-28.12	-42.72	-14.6	-25.0	17.7	Horizontal	PK	PASS
499.9885	-27.85	-41.23	-13.4	-25.0	16.2	Horizontal	PK	PASS
875.0092	-39.42	-47.75	-8.3	-	-	Horizontal	PK	NA
1000	-33.47	-38.65	-5.2	-25.0	13.7	Horizontal	PK	PASS
1125.225	-37.22	-40.91	-3.7	-25.0	15.9	Horizontal	PK	PASS



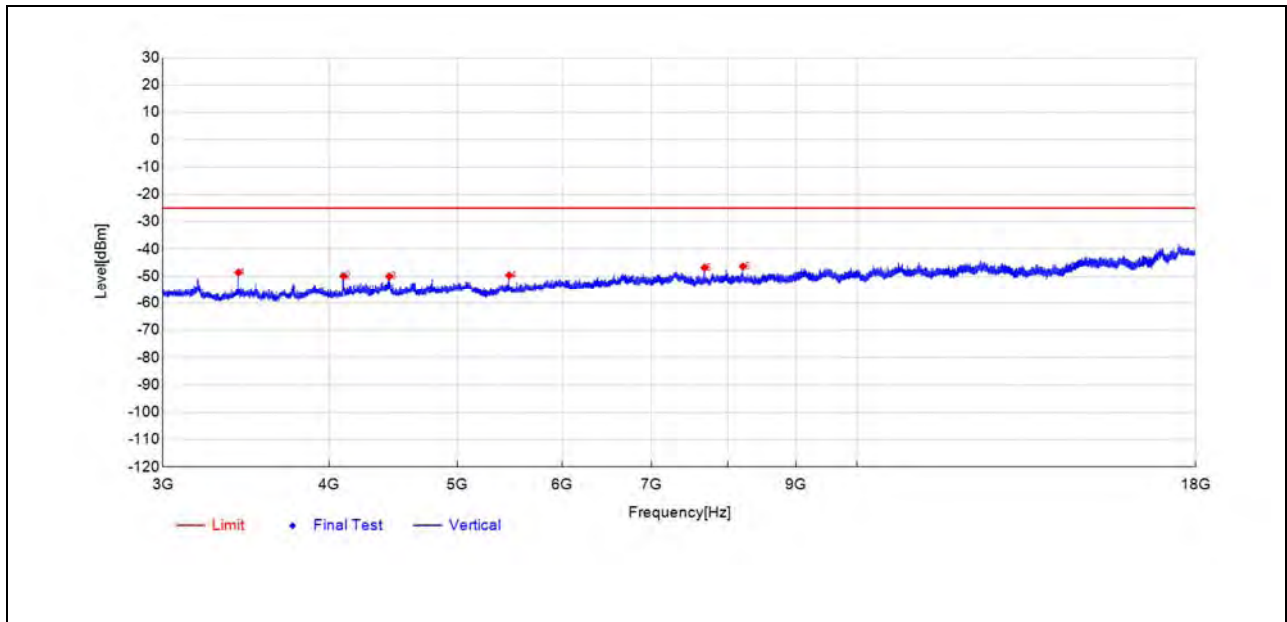
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-47.04	-50.80	-3.8	-25.0	25.8	Horizontal	PK	PASS
4278.5426	-48.81	-50.19	-1.4	-25.0	25.2	Horizontal	PK	PASS
4787.5596	-48.10	-48.33	-0.2	-25.0	23.3	Horizontal	PK	PASS
7680.156	-52.84	-46.60	6.2	-25.0	21.6	Horizontal	PK	PASS
12462.3154	-56.60	-41.94	14.7	-25.0	16.9	Horizontal	PK	PASS
14811.8937	-57.44	-40.98	16.5	-25.0	16.0	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-21.21	-39.95	-18.7	-25.0	15.0	Vertical	PK	PASS
374.9978	-27.60	-43.52	-15.9	-25.0	18.5	Vertical	PK	PASS
875.0578	-43.30	-50.05	-6.8	-	-	Vertical	PK	NA
1000	-37.23	-41.47	-4.2	-25.0	16.5	Vertical	PK	PASS
1124.825	-35.29	-38.80	-3.5	-25.0	13.8	Vertical	PK	PASS
2205.4411	-43.69	-40.61	3.1	-25.0	15.6	Vertical	PK	PASS



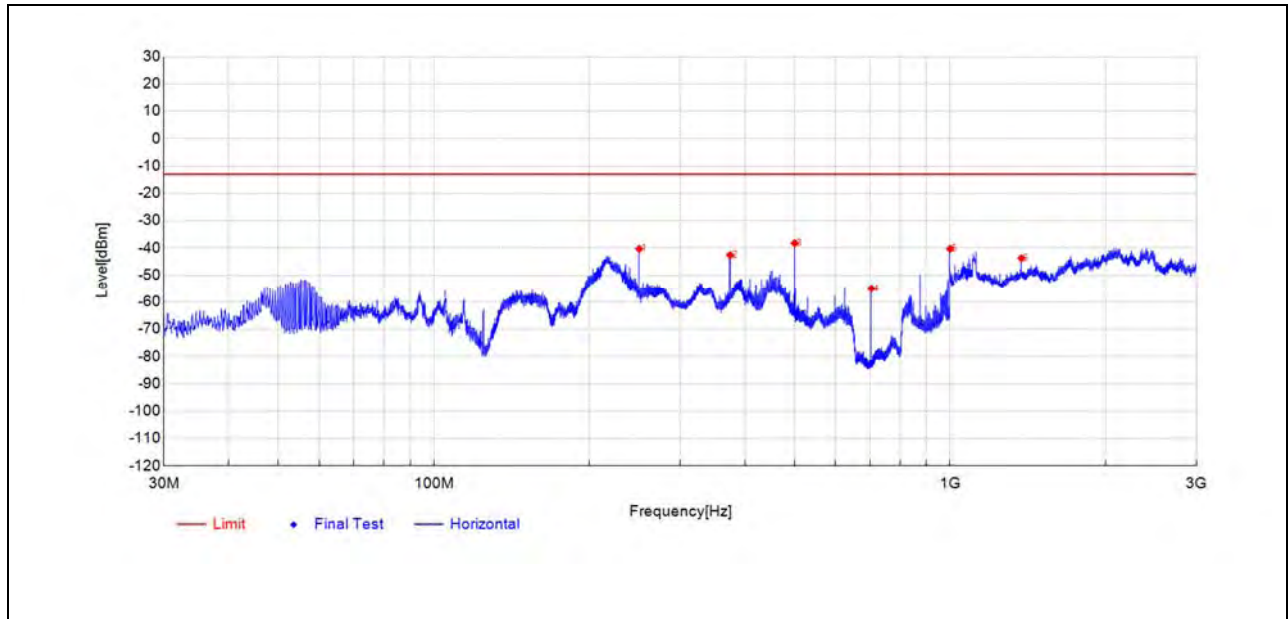
(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-44.57	-48.58	-4.0	-25.0	23.6	Vertical	PK	PASS
4103.0368	-47.14	-49.81	-2.7	-25.0	24.8	Vertical	PK	PASS
4443.5481	-49.45	-49.98	-0.5	-25.0	25.0	Vertical	PK	PASS
5471.5824	-51.15	-49.57	1.6	-25.0	24.6	Vertical	PK	PASS
7679.656	-52.61	-46.80	5.8	-25.0	21.8	Vertical	PK	PASS
8207.6736	-52.66	-46.33	6.3	-25.0	21.3	Vertical	PK	PASS



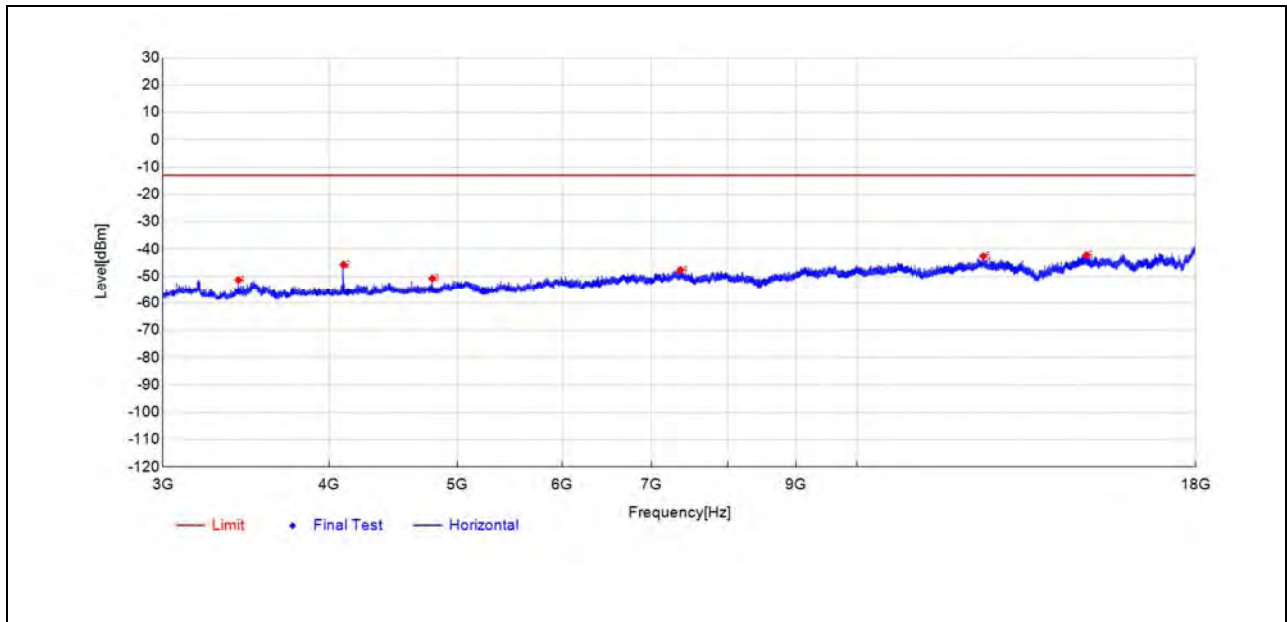
LTE Band 12

Plot for Low Channel



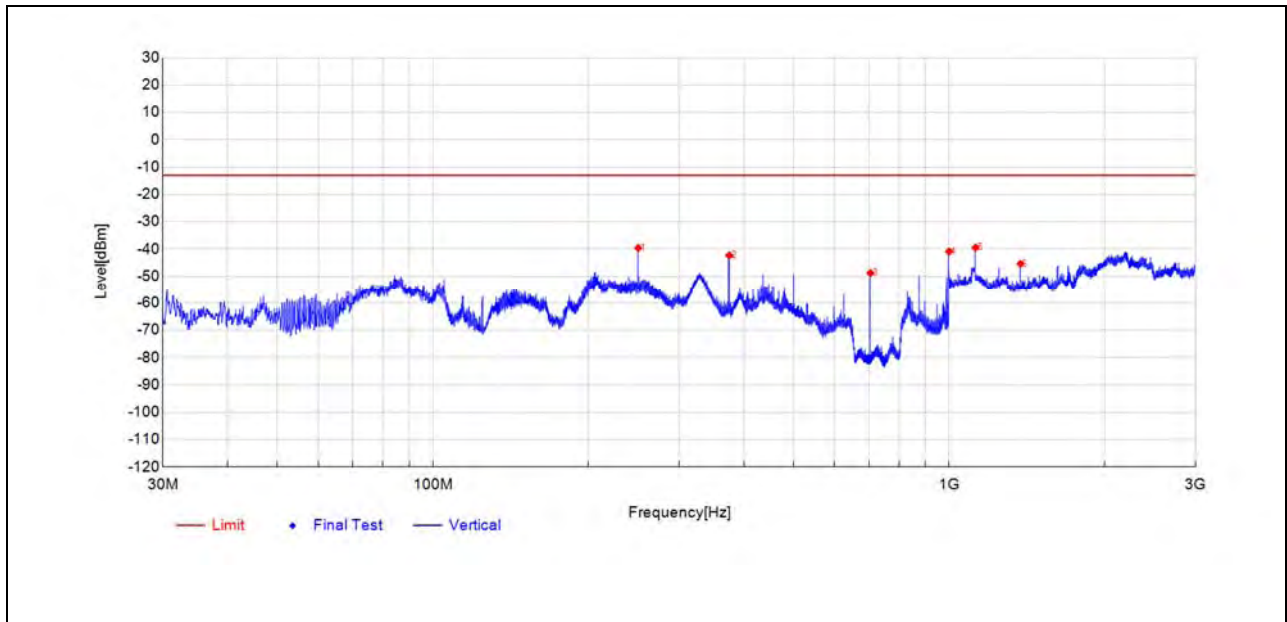
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-26.99	-40.27	-13.3	-13.0	27.3	Horizontal	PK	PASS
374.9978	-28.22	-42.61	-14.4	-13.0	29.6	Horizontal	PK	PASS
499.9885	-25.29	-38.22	-12.9	-13.0	25.2	Horizontal	PK	PASS
704.0867	-44.99	-54.98	-10.0	-	-	Horizontal	PK	NA
1000	-35.43	-40.31	-4.9	-13.0	27.3	Horizontal	PK	PASS
1374.875	-43.49	-43.73	-0.2	-13.0	30.7	Horizontal	PK	PASS



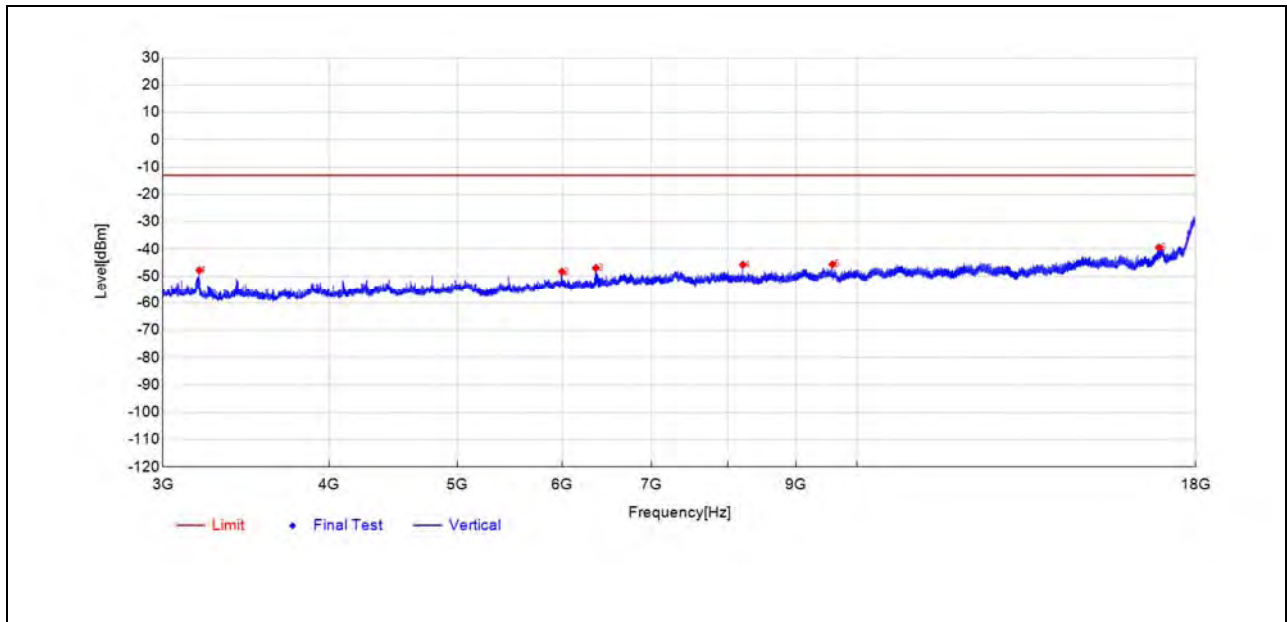
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-47.53	-51.29	-3.8	-13.0	38.3	Horizontal	PK	PASS
4104.0368	-43.62	-45.70	-2.1	-13.0	32.7	Horizontal	PK	PASS
4788.0596	-50.51	-50.74	-0.2	-13.0	37.7	Horizontal	PK	PASS
7364.1455	-54.99	-47.59	7.4	-13.0	34.6	Horizontal	PK	PASS
12456.8152	-57.27	-42.57	14.7	-13.0	29.6	Horizontal	PK	PASS
14894.8965	-58.84	-42.26	16.6	-13.0	29.3	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-21.38	-39.58	-18.2	-13.0	26.6	Vertical	PK	PASS
374.9978	-26.58	-42.29	-15.7	-13.0	29.3	Vertical	PK	PASS
704.0867	-40.79	-48.76	-8.0	-	-	Vertical	PK	NA
1000	-35.82	-40.88	-5.1	-13.0	27.9	Vertical	PK	PASS
1124.825	-36.54	-39.46	-2.9	-13.0	26.5	Vertical	PK	PASS
1374.875	-44.60	-45.35	-0.8	-13.0	32.4	Vertical	PK	PASS

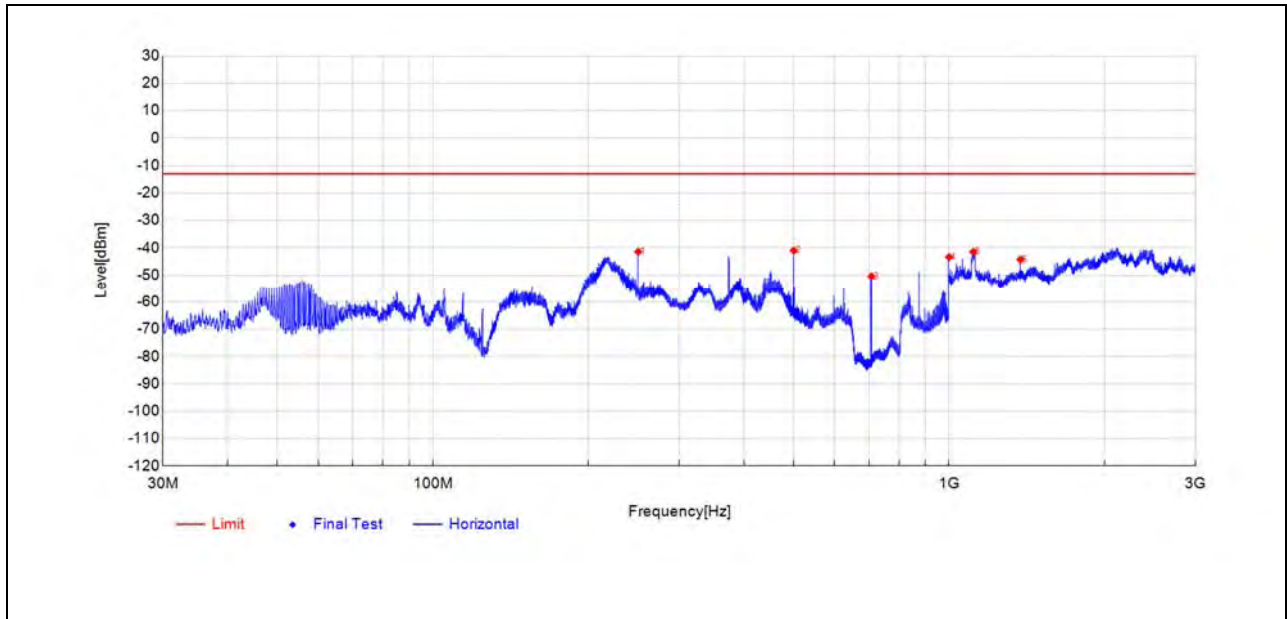


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3196.0065	-44.15	-47.74	-3.6	-13.0	34.7	Vertical	PK	PASS
5996.5999	-52.45	-48.26	4.2	-13.0	35.3	Vertical	PK	PASS
6359.612	-50.73	-46.92	3.8	-13.0	33.9	Vertical	PK	PASS
8207.6736	-52.04	-45.71	6.3	-13.0	32.7	Vertical	PK	PASS
9587.7196	-54.00	-45.59	8.4	-13.0	32.6	Vertical	PK	PASS
16897.4632	-60.32	-39.39	20.9	-13.0	26.4	Vertical	PK	PASS

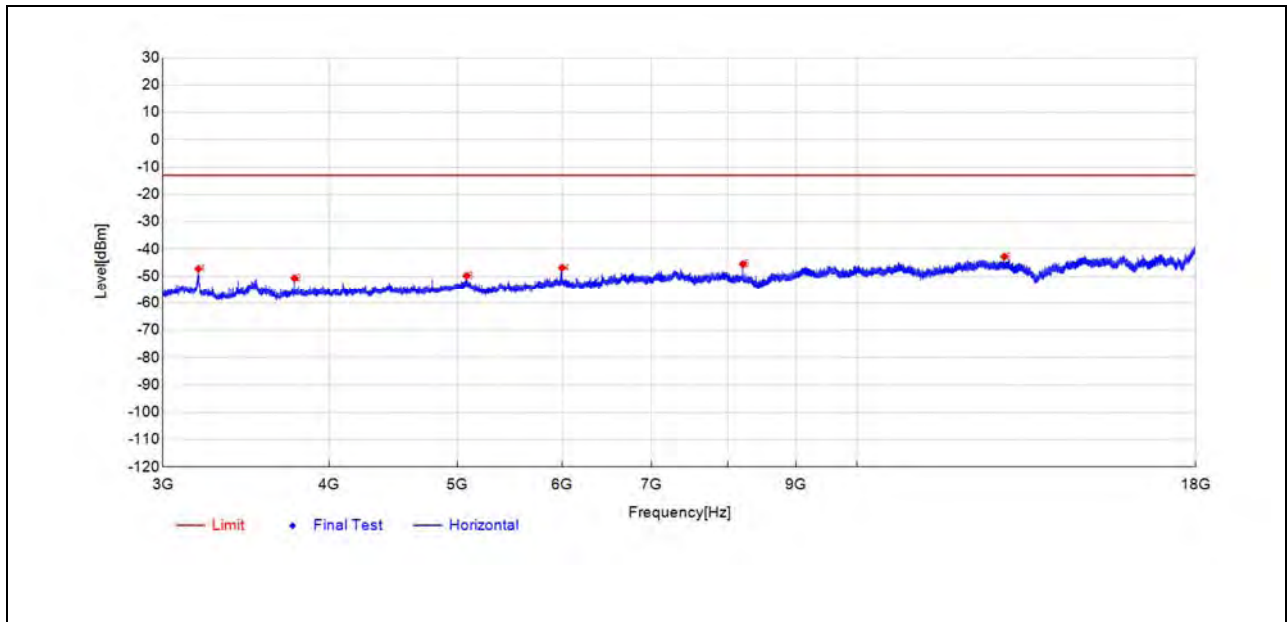


Plot for Mid Channel



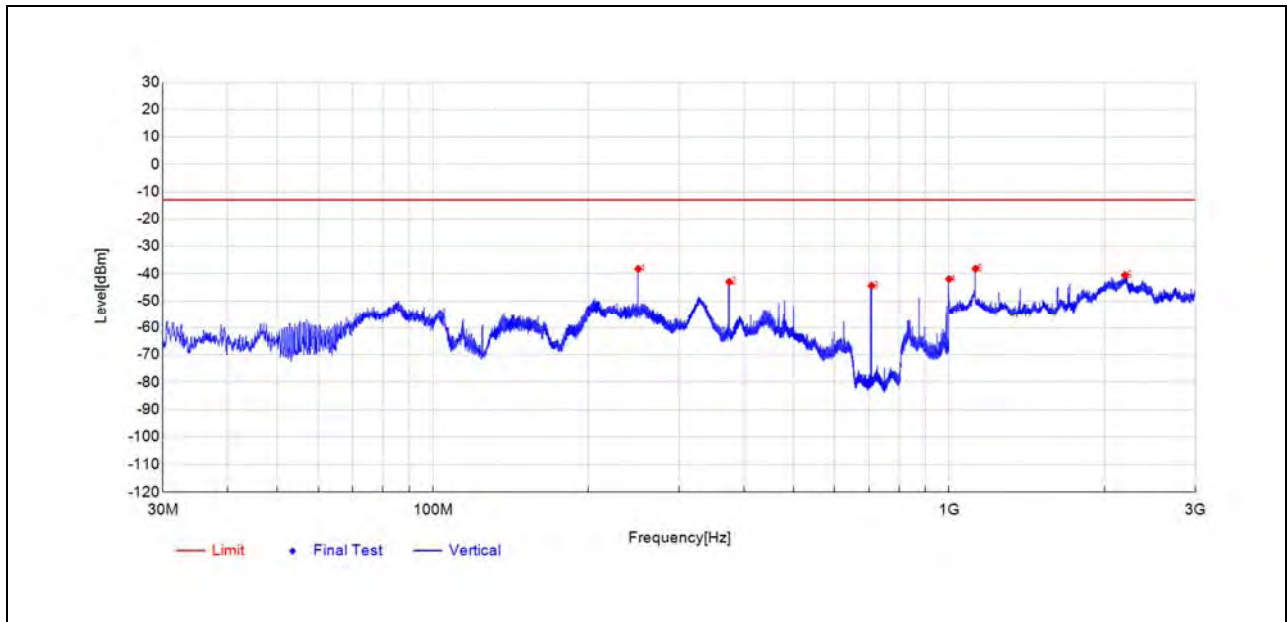
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-28.09	-41.38	-13.3	-13.0	28.4	Horizontal	PK	PASS
500.037	-28.01	-40.94	-12.9	-13.0	27.9	Horizontal	PK	PASS
707.5789	-40.38	-50.39	-10.0	-	-	Horizontal	PK	NA
1000	-38.46	-43.34	-4.9	-13.0	30.3	Horizontal	PK	PASS
1114.0228	-38.41	-41.44	-3.0	-13.0	28.4	Horizontal	PK	PASS
1374.875	-44.01	-44.25	-0.2	-13.0	31.3	Horizontal	PK	PASS



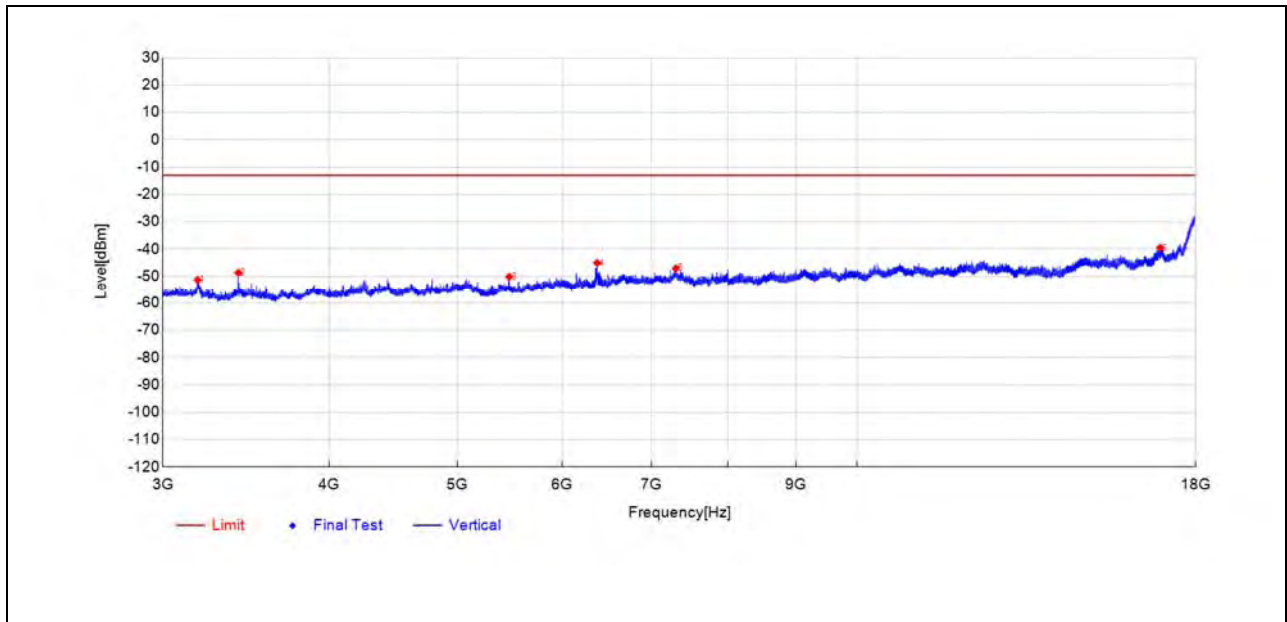
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3190.5064	-44.20	-47.23	-3.0	-13.0	34.2	Horizontal	PK	PASS
3769.0256	-48.00	-50.67	-2.7	-13.0	37.7	Horizontal	PK	PASS
5081.0694	-52.13	-49.76	2.4	-13.0	36.8	Horizontal	PK	PASS
5996.5999	-51.31	-46.80	4.5	-13.0	33.8	Horizontal	PK	PASS
8207.1736	-52.62	-45.51	7.1	-13.0	32.5	Horizontal	PK	PASS
12917.3306	-57.14	-42.77	14.4	-13.0	29.8	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.02	-38.22	-18.2	-13.0	25.2	Vertical	PK	PASS
374.9978	-27.25	-42.96	-15.7	-13.0	30.0	Vertical	PK	PASS
707.5789	-36.33	-44.40	-8.1	-	-	Vertical	PK	NA
1000	-36.90	-41.96	-5.1	-13.0	29.0	Vertical	PK	PASS
1124.825	-35.25	-38.17	-2.9	-13.0	25.2	Vertical	PK	PASS
2190.6381	-44.55	-40.52	4.0	-13.0	27.5	Vertical	PK	PASS

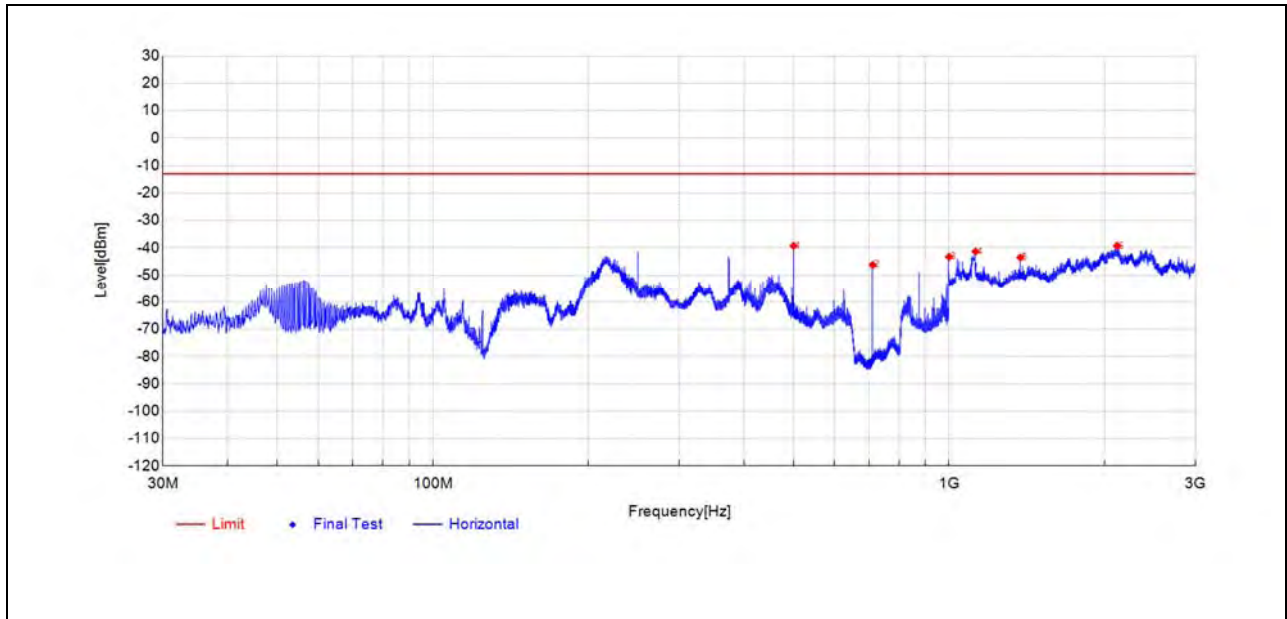


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3186.5062	-47.71	-51.27	-3.6	-13.0	38.3	Vertical	PK	PASS
3419.514	-44.65	-48.66	-4.0	-13.0	35.7	Vertical	PK	PASS
5472.5824	-51.72	-50.15	1.6	-13.0	37.2	Vertical	PK	PASS
6373.6125	-48.87	-45.05	3.8	-13.0	32.1	Vertical	PK	PASS
7305.1435	-55.09	-47.06	8.0	-13.0	34.1	Vertical	PK	PASS
16929.4643	-60.74	-39.55	21.2	-13.0	26.6	Vertical	PK	PASS

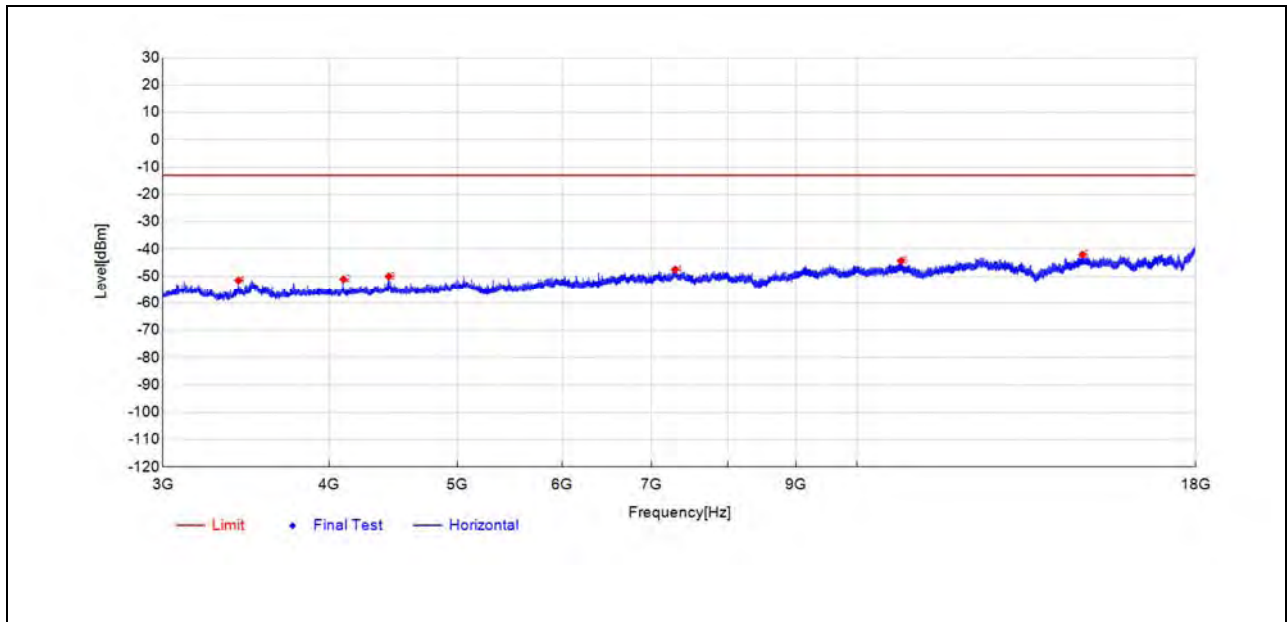


Plot for High Channel



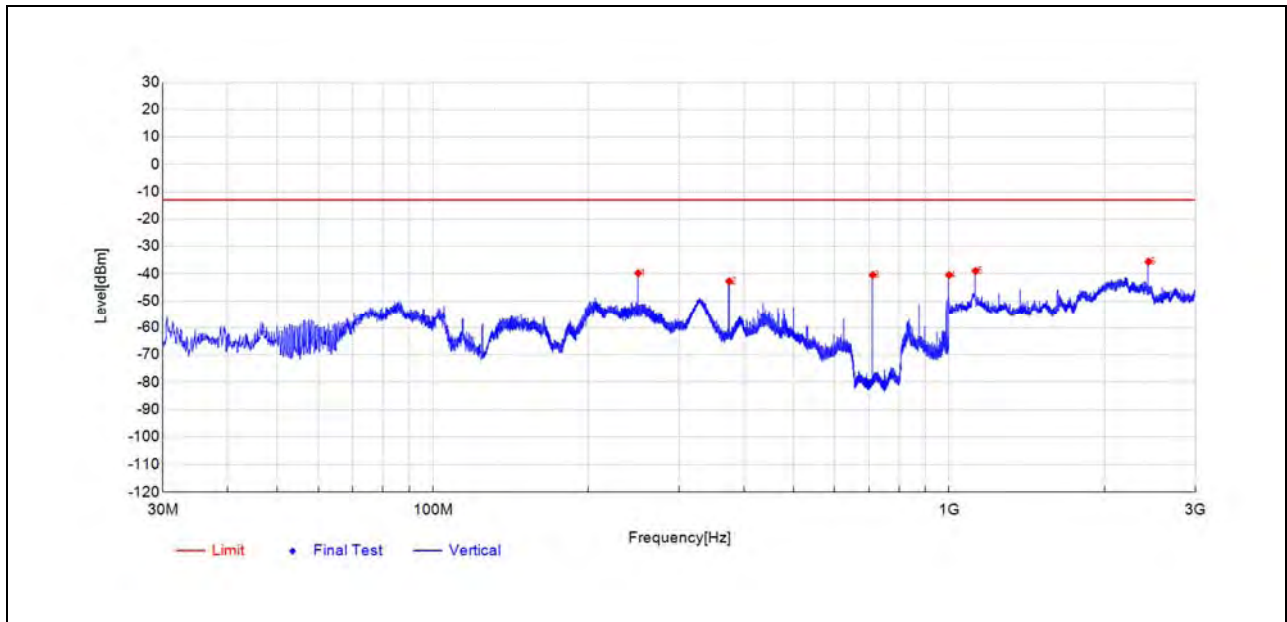
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
499.9885	-26.31	-39.24	-12.9	-13.0	26.2	Horizontal	PK	PASS
711.0711	-36.27	-46.19	-9.9	-	-	Horizontal	PK	NA
1000	-38.37	-43.25	-4.9	-13.0	30.3	Horizontal	PK	PASS
1125.225	-38.23	-41.32	-3.1	-13.0	28.3	Horizontal	PK	PASS
1374.4749	-43.28	-43.51	-0.2	-13.0	30.5	Horizontal	PK	PASS
2114.6229	-42.95	-39.24	3.7	-13.0	26.2	Horizontal	PK	PASS



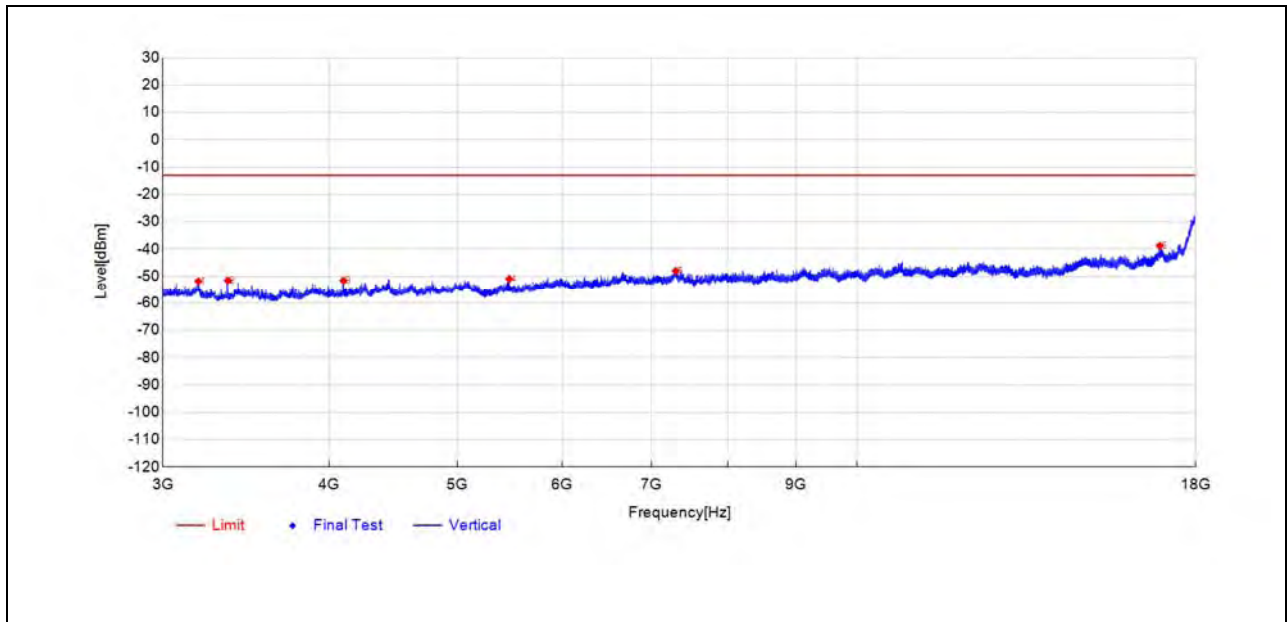
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3420.014	-47.70	-51.46	-3.8	-13.0	38.5	Horizontal	PK	PASS
4103.5368	-48.94	-51.03	-2.1	-13.0	38.0	Horizontal	PK	PASS
4439.048	-49.78	-50.00	-0.2	-13.0	37.0	Horizontal	PK	PASS
7295.1432	-55.45	-47.50	8.0	-13.0	34.5	Horizontal	PK	PASS
10795.7599	-56.60	-44.32	12.3	-13.0	31.3	Horizontal	PK	PASS
14791.393	-58.48	-42.06	16.4	-13.0	29.1	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-21.59	-39.79	-18.2	-13.0	26.8	Vertical	PK	PASS
374.9978	-27.05	-42.76	-15.7	-13.0	29.8	Vertical	PK	PASS
711.0711	-32.39	-40.48	-8.1	-	-	Vertical	PK	NA
1000	-35.40	-40.46	-5.1	-13.0	27.5	Vertical	PK	PASS
1124.825	-36.08	-39.00	-2.9	-13.0	26.0	Vertical	PK	PASS
2432.6865	-41.76	-35.62	6.1	-13.0	22.6	Vertical	PK	PASS

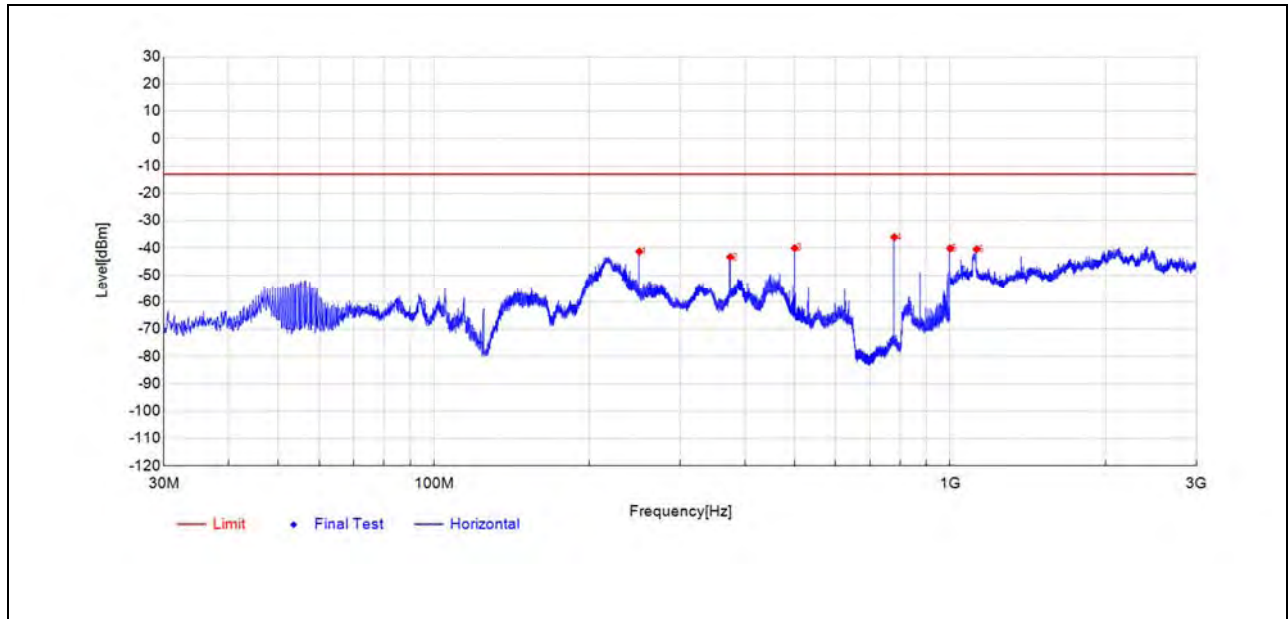


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3190.0063	-48.22	-51.80	-3.6	-13.0	38.8	Vertical	PK	PASS
3358.0119	-46.78	-51.46	-4.7	-13.0	38.5	Vertical	PK	PASS
4104.0368	-48.92	-51.58	-2.7	-13.0	38.6	Vertical	PK	PASS
5472.0824	-52.50	-50.92	1.6	-13.0	37.9	Vertical	PK	PASS
7303.6435	-56.04	-47.99	8.1	-13.0	35.0	Vertical	PK	PASS
16918.964	-59.93	-38.81	21.1	-13.0	25.8	Vertical	PK	PASS

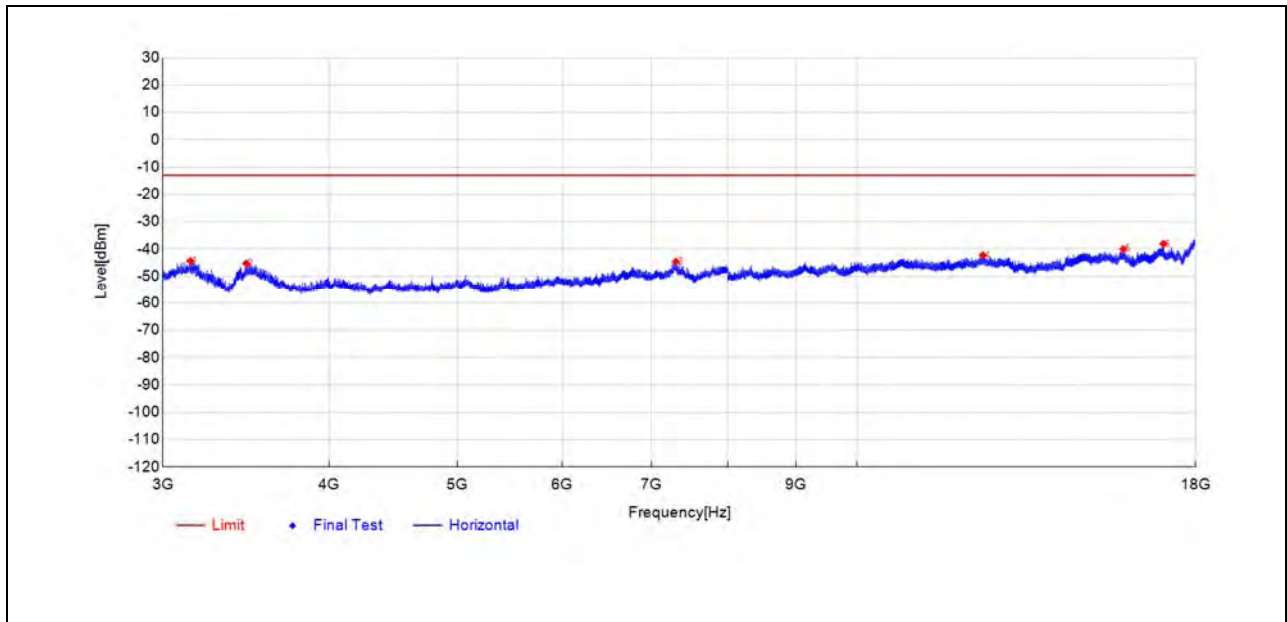
**LTE Band 13**

Plot for Low Channel



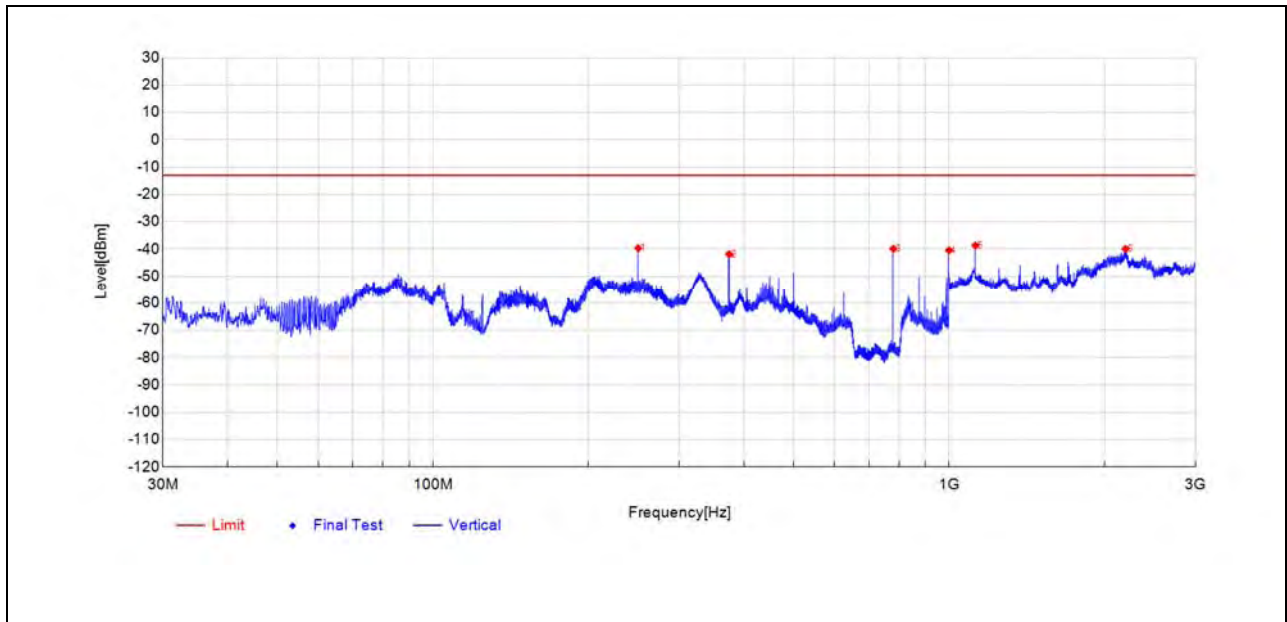
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-28.01	-41.29	-13.3	-13.0	28.3	Horizontal	PK	PASS
374.9978	-28.90	-43.29	-14.4	-13.0	30.3	Horizontal	PK	PASS
499.9885	-27.11	-40.04	-12.9	-13.0	27.0	Horizontal	PK	PASS
779.605	-31.61	-36.03	-4.4	-	-	Horizontal	PK	NA
1000	-35.29	-40.17	-4.9	-13.0	27.2	Horizontal	PK	PASS
1124.825	-37.39	-40.48	-3.1	-13.0	27.5	Horizontal	PK	PASS



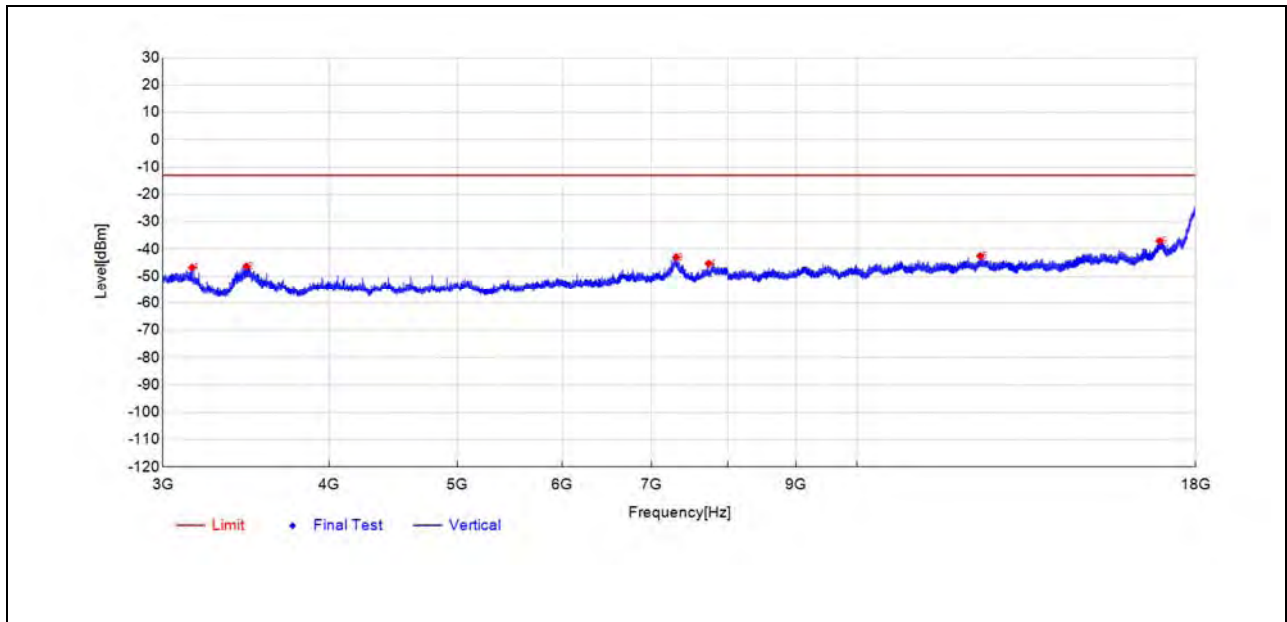
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3146.0049	-41.75	-44.39	-2.6	-13.0	31.4	Horizontal	PK	PASS
3467.5156	-41.52	-45.25	-3.7	-13.0	32.3	Horizontal	PK	PASS
7306.1435	-52.64	-44.62	8.0	-13.0	31.6	Horizontal	PK	PASS
12446.3149	-57.00	-42.26	14.7	-13.0	29.3	Horizontal	PK	PASS
15881.4294	-57.69	-39.99	17.7	-13.0	27.0	Horizontal	PK	PASS
17027.4676	-56.43	-38.08	18.4	-13.0	25.1	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.46	-39.66	-18.2	-13.0	26.7	Vertical	PK	PASS
374.9978	-26.14	-41.85	-15.7	-13.0	28.9	Vertical	PK	PASS
779.5565	-33.46	-39.86	-6.4	-	-	Vertical	PK	NA
1000	-35.37	-40.43	-5.1	-13.0	27.4	Vertical	PK	PASS
1124.825	-35.76	-38.68	-2.9	-13.0	25.7	Vertical	PK	PASS
2196.2392	-43.93	-39.92	4.0	-13.0	26.9	Vertical	PK	PASS

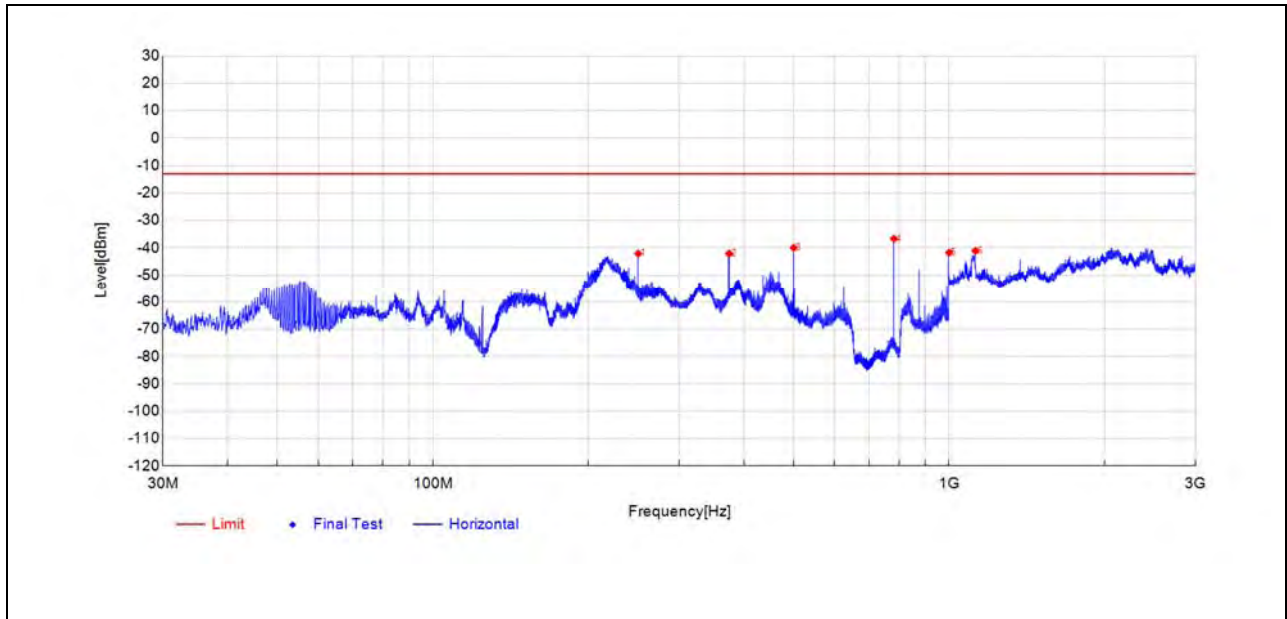


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3155.5052	-43.24	-46.72	-3.5	-13.0	33.7	Vertical	PK	PASS
3468.0156	-42.11	-46.26	-4.2	-13.0	33.3	Vertical	PK	PASS
7309.6437	-50.94	-42.99	8.0	-13.0	30.0	Vertical	PK	PASS
7733.6578	-51.10	-45.27	5.8	-13.0	32.3	Vertical	PK	PASS
12390.813	-56.53	-42.55	14.0	-13.0	29.6	Vertical	PK	PASS
16912.9638	-58.12	-37.05	21.1	-13.0	24.1	Vertical	PK	PASS

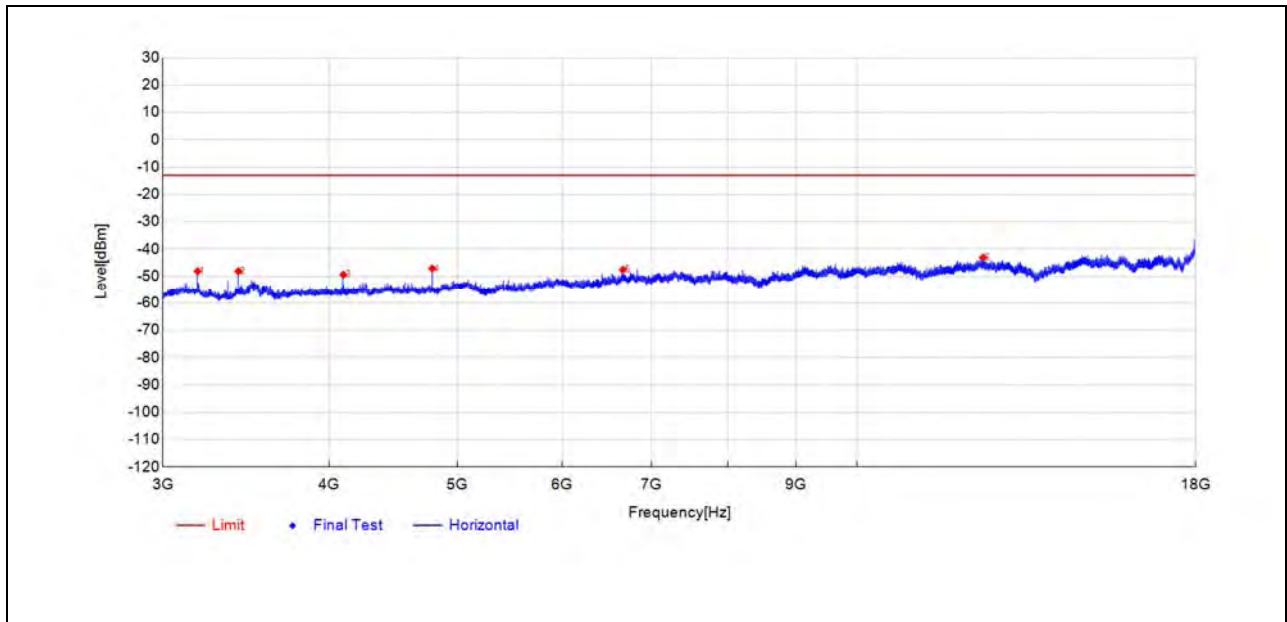


Plot for Mid Channel



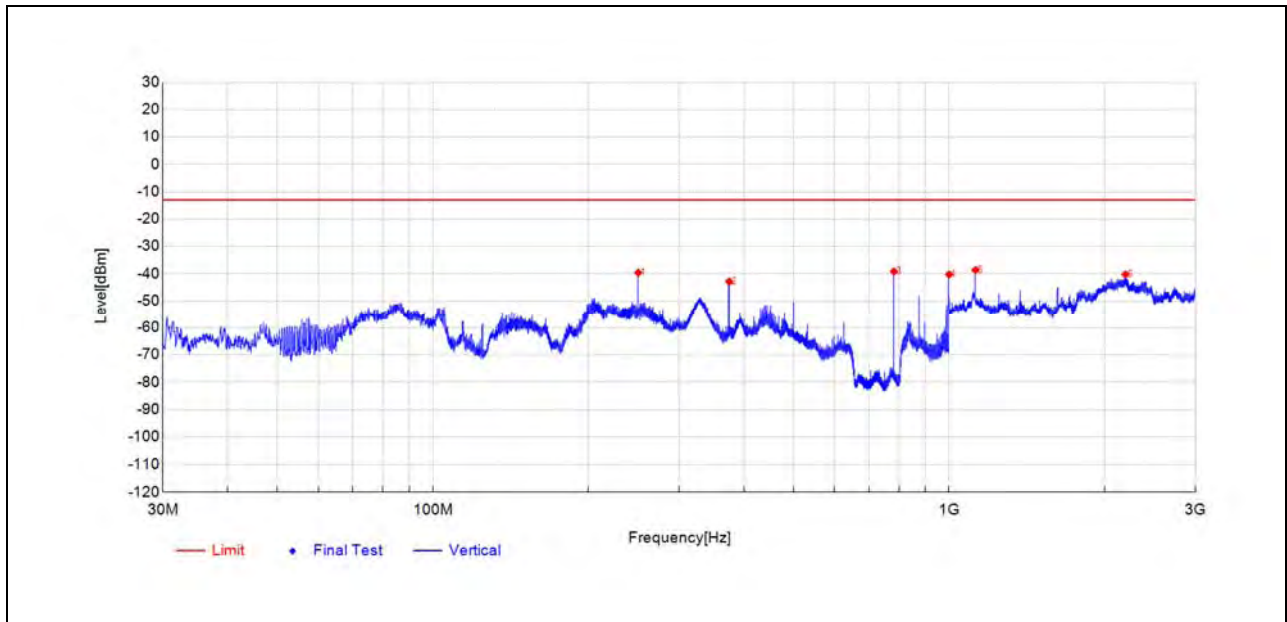
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-28.78	-42.06	-13.3	-13.0	29.1	Horizontal	PK	PASS
374.9978	-27.69	-42.08	-14.4	-13.0	29.1	Horizontal	PK	PASS
499.9885	-27.01	-39.94	-12.9	-13.0	26.9	Horizontal	PK	PASS
782.0786	-32.17	-36.64	-4.5	-	-	Horizontal	PK	NA
1000	-36.83	-41.71	-4.9	-13.0	28.7	Horizontal	PK	PASS
1124.825	-37.96	-41.05	-3.1	-13.0	28.1	Horizontal	PK	PASS



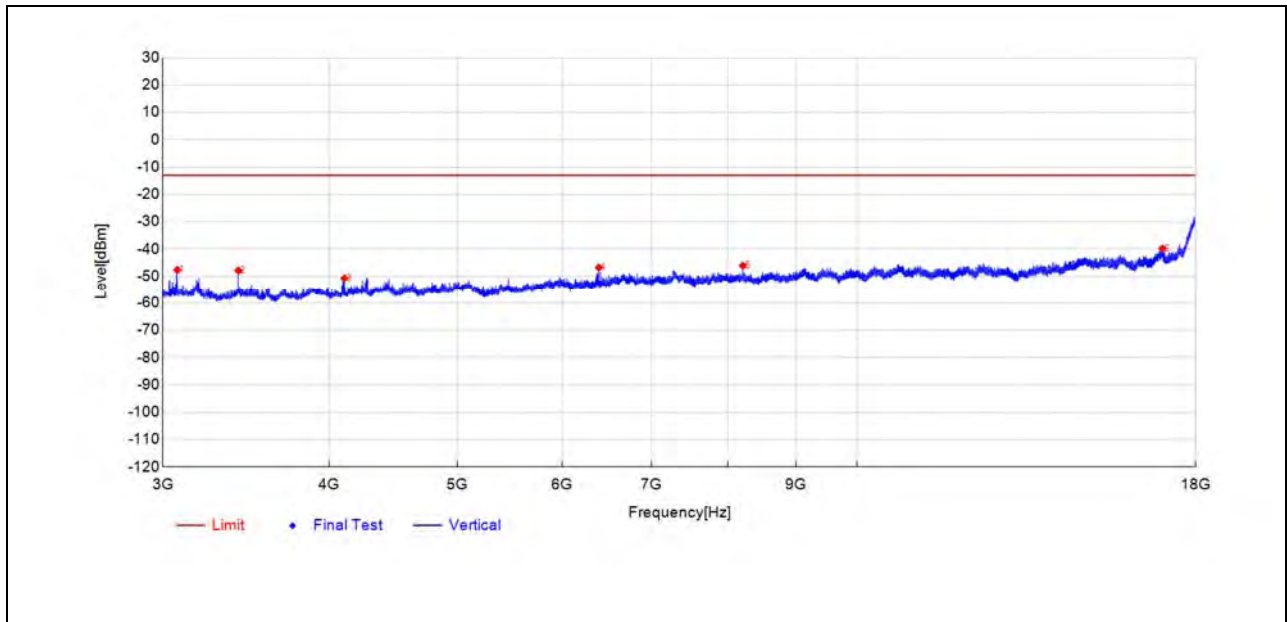
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3186.5062	-45.13	-48.12	-3.0	-13.0	35.1	Horizontal	PK	PASS
3419.514	-44.33	-48.09	-3.8	-13.0	35.1	Horizontal	PK	PASS
4103.5368	-47.27	-49.36	-2.1	-13.0	36.4	Horizontal	PK	PASS
4788.0596	-46.87	-47.10	-0.2	-13.0	34.1	Horizontal	PK	PASS
6665.1222	-53.90	-47.55	6.4	-13.0	34.6	Horizontal	PK	PASS
12450.815	-57.81	-43.09	14.7	-13.0	30.1	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.42	-39.62	-18.2	-13.0	26.6	Vertical	PK	PASS
374.9978	-27.12	-42.83	-15.7	-13.0	29.8	Vertical	PK	PASS
782.0786	-32.71	-39.16	-6.5	-	-	Vertical	PK	NA
1000	-35.22	-40.28	-5.1	-13.0	27.3	Vertical	PK	PASS
1124.825	-35.75	-38.67	-2.9	-13.0	25.7	Vertical	PK	PASS
2195.4391	-44.23	-40.22	4.0	-13.0	27.2	Vertical	PK	PASS

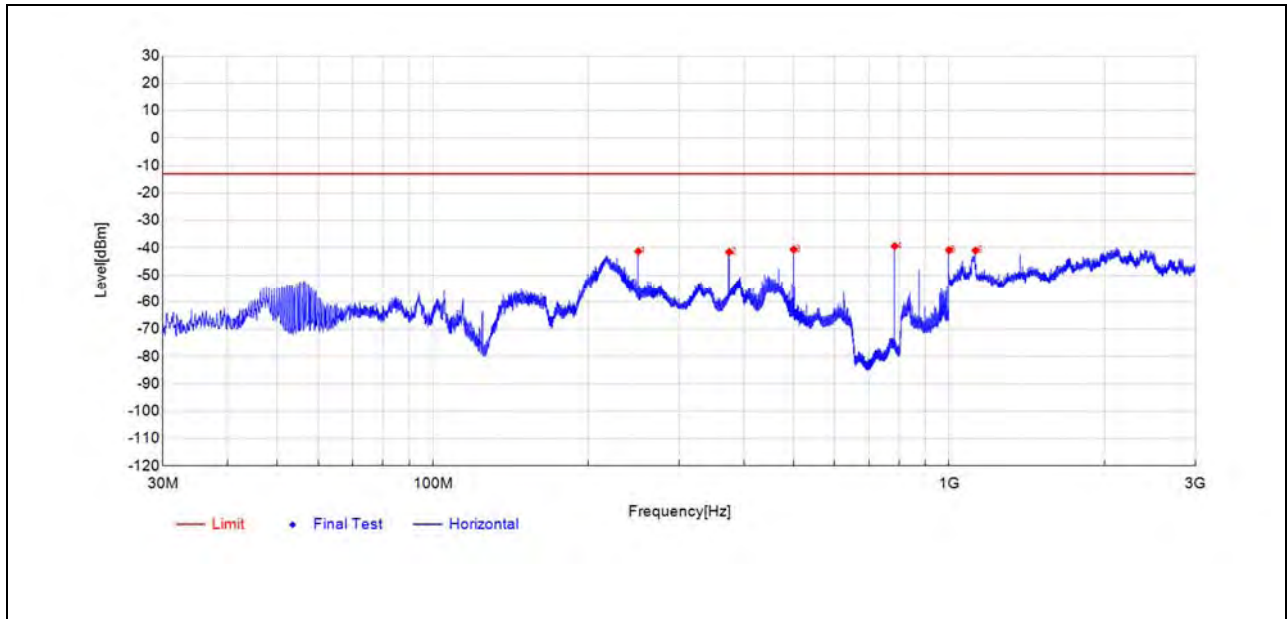


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3076.0025	-43.85	-47.60	-3.8	-13.0	34.6	Vertical	PK	PASS
3420.014	-43.82	-47.83	-4.0	-13.0	34.8	Vertical	PK	PASS
4110.537	-48.13	-50.69	-2.6	-13.0	37.7	Vertical	PK	PASS
6393.1131	-50.58	-46.74	3.8	-13.0	33.7	Vertical	PK	PASS
8208.1736	-52.37	-46.04	6.3	-13.0	33.0	Vertical	PK	PASS
16998.9666	-61.50	-39.78	21.7	-13.0	26.8	Vertical	PK	PASS

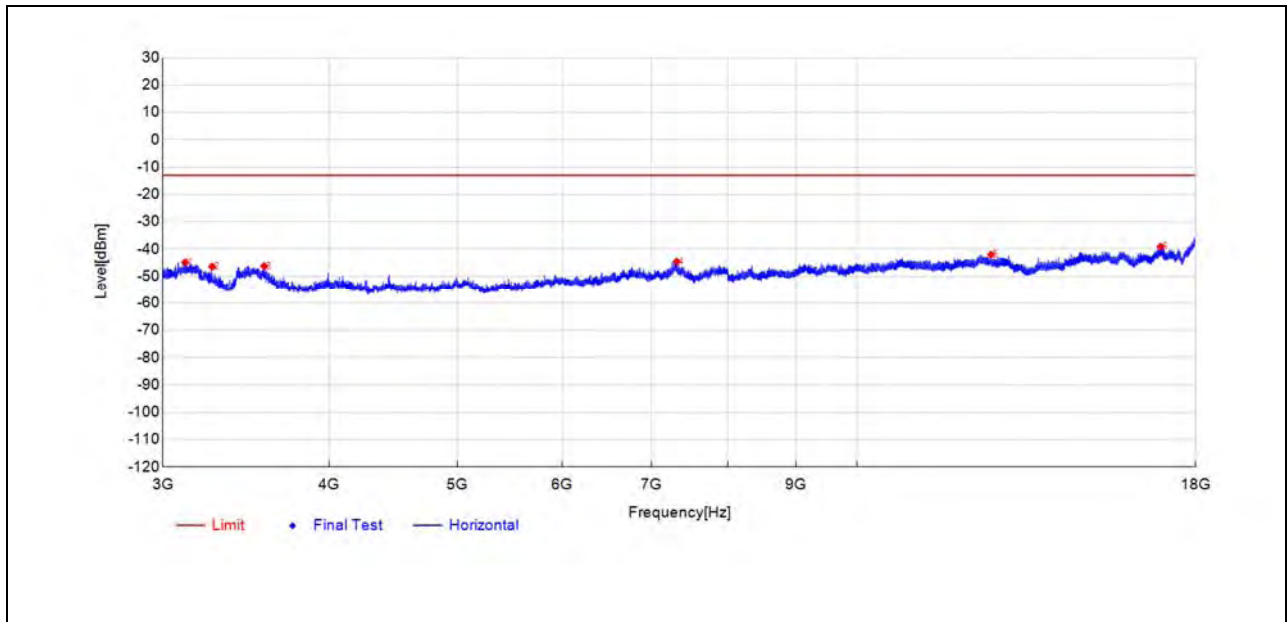


Plot for High Channel



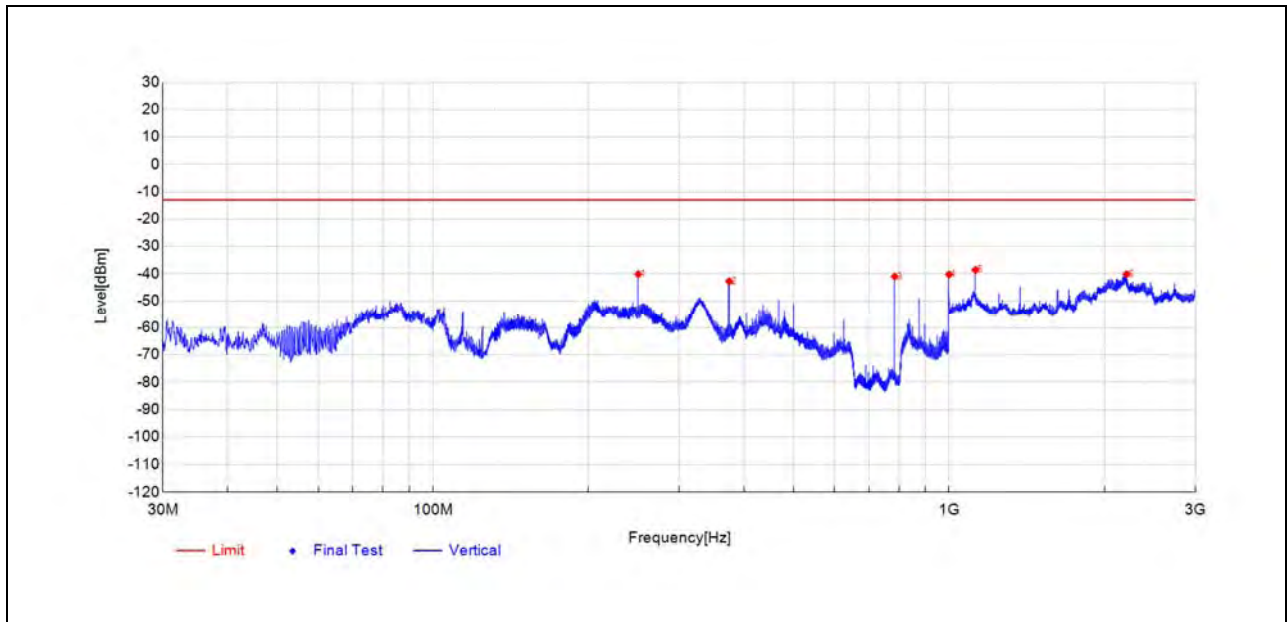
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.94	-41.23	-13.3	-13.0	28.2	Horizontal	PK	PASS
374.9978	-27.11	-41.50	-14.4	-13.0	28.5	Horizontal	PK	PASS
499.9885	-27.67	-40.60	-12.9	-13.0	27.6	Horizontal	PK	PASS
784.6007	-34.82	-39.34	-4.5	-	-	Horizontal	PK	NA
1000	-35.93	-40.81	-4.9	-13.0	27.8	Horizontal	PK	PASS
1124.825	-37.85	-40.94	-3.1	-13.0	27.9	Horizontal	PK	PASS



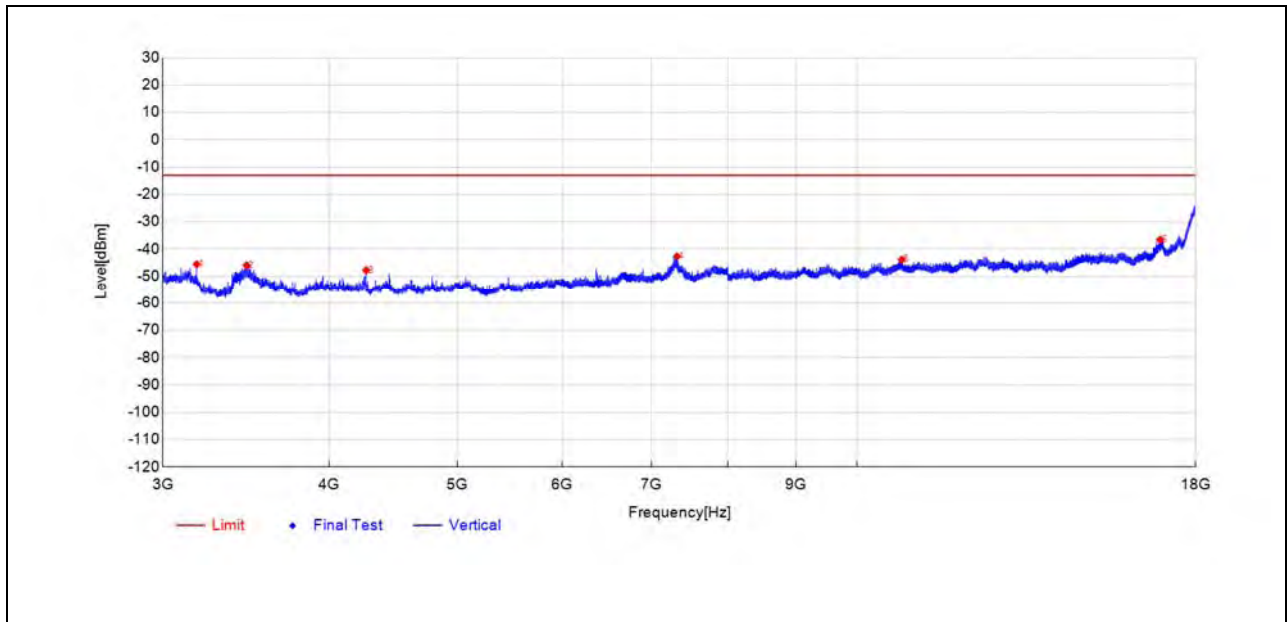
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3117.5039	-42.23	-44.83	-2.6	-13.0	31.8	Horizontal	PK	PASS
3267.5089	-42.34	-46.40	-4.1	-13.0	33.4	Horizontal	PK	PASS
3576.5192	-41.84	-46.22	-4.4	-13.0	33.2	Horizontal	PK	PASS
7317.1439	-52.44	-44.55	7.9	-13.0	31.6	Horizontal	PK	PASS
12624.8208	-56.39	-42.02	14.4	-13.0	29.0	Horizontal	PK	PASS
16944.9648	-57.73	-39.08	18.7	-13.0	26.1	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.95	-40.15	-18.2	-13.0	27.2	Vertical	PK	PASS
374.9978	-27.06	-42.77	-15.7	-13.0	29.8	Vertical	PK	PASS
784.6007	-34.52	-41.02	-6.5	-	-	Vertical	PK	NA
1000	-35.22	-40.28	-5.1	-13.0	27.3	Vertical	PK	PASS
1124.825	-35.68	-38.60	-2.9	-13.0	25.6	Vertical	PK	PASS
2206.6413	-44.12	-40.16	4.0	-13.0	27.2	Vertical	PK	PASS

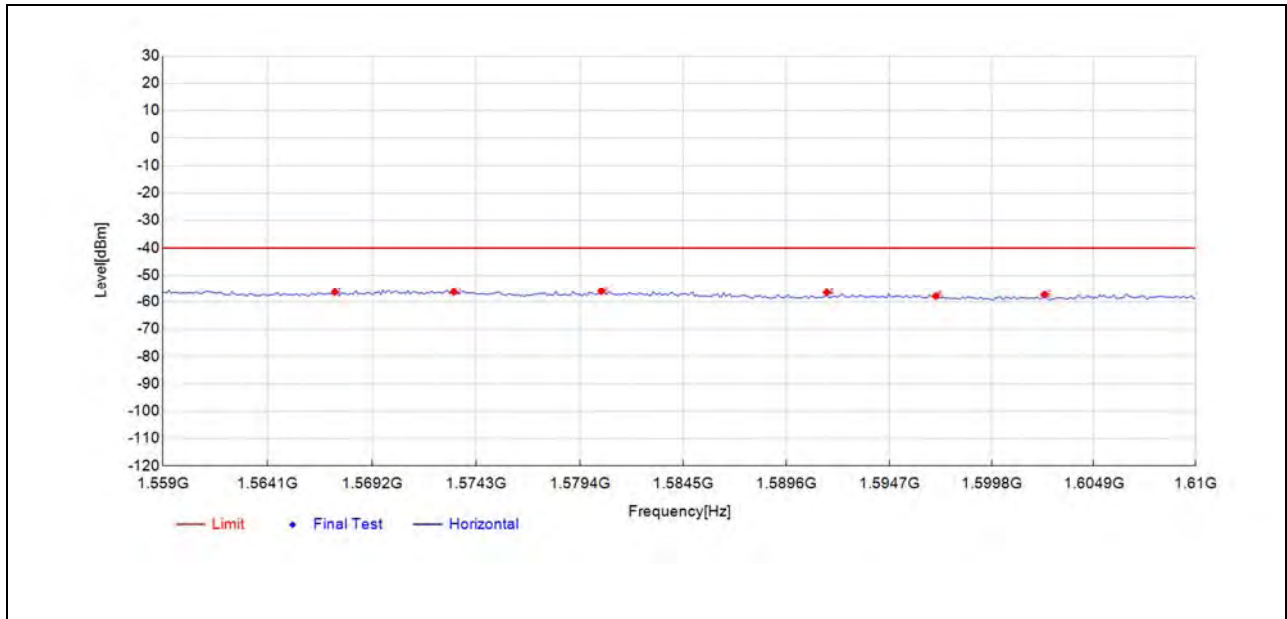


(Antenna Vertical, 3GHz to 18GHz)

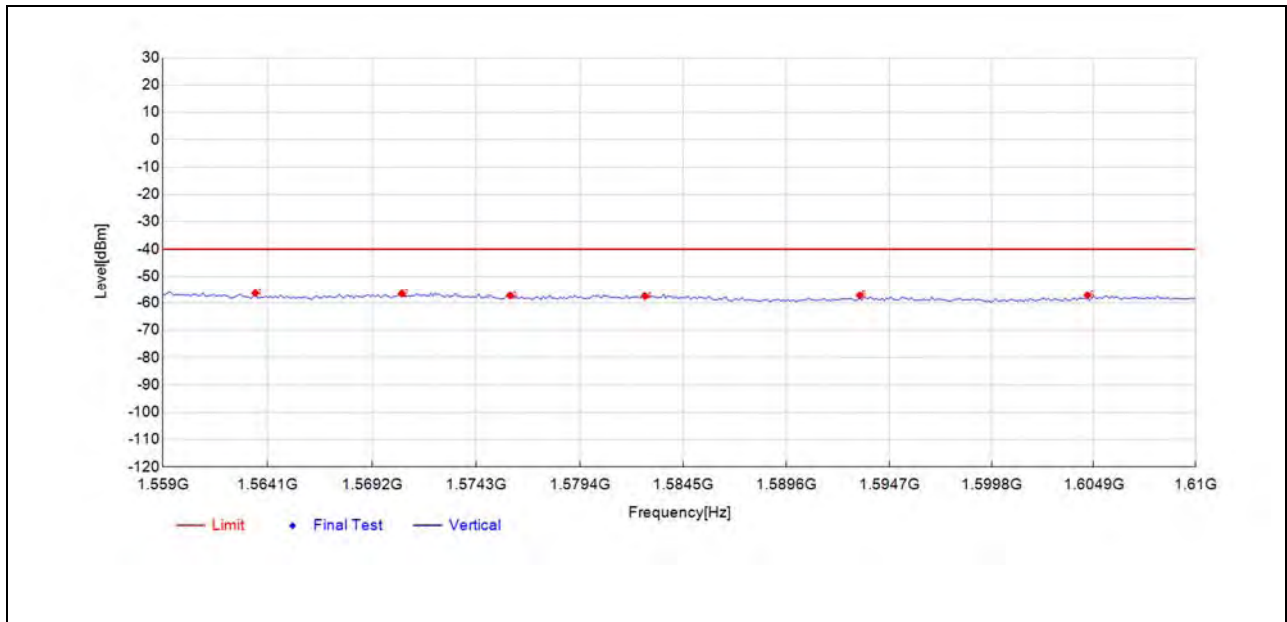
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3181.506	-41.98	-45.53	-3.6	-13.0	32.5	Vertical	PK	PASS
3468.0156	-41.76	-45.91	-4.2	-13.0	32.9	Vertical	PK	PASS
4269.0423	-46.14	-47.71	-1.6	-13.0	34.7	Vertical	PK	PASS
7320.644	-50.46	-42.67	7.8	-13.0	29.7	Vertical	PK	PASS
10813.7605	-55.66	-43.82	11.8	-13.0	30.8	Vertical	PK	PASS
16927.9643	-57.72	-36.54	21.2	-13.0	23.5	Vertical	PK	PASS



Plot for 1559MHz-1610MHz



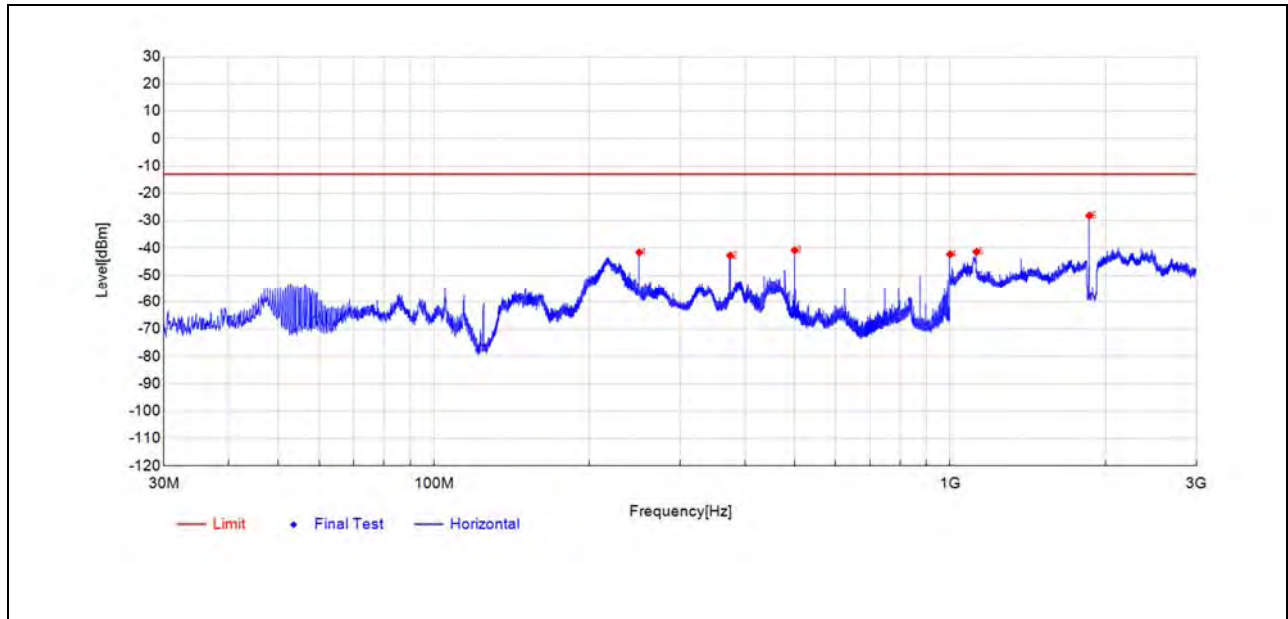
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1567.3808	-58.61	-56.39	2.2	-40.0	16.4	Horizontal	PK	PASS
1573.2064	-58.30	-56.31	2.0	-40.0	16.3	Horizontal	PK	PASS
1580.4629	-57.56	-56.02	1.5	-40.0	16.0	Horizontal	PK	PASS
1591.6032	-57.46	-56.55	0.9	-40.0	16.6	Horizontal	PK	PASS
1597.02	-58.62	-57.85	0.8	-40.0	17.9	Horizontal	PK	PASS
1602.4369	-58.03	-57.39	0.6	-40.0	17.4	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1563.497	-58.15	-56.39	1.8	-40.0	16.4	Vertical	PK	PASS
1570.6513	-57.84	-56.58	1.3	-40.0	16.6	Vertical	PK	PASS
1575.9659	-58.27	-57.30	1.0	-40.0	17.3	Vertical	PK	PASS
1582.6092	-58.08	-57.49	0.6	-40.0	17.5	Vertical	PK	PASS
1593.2385	-57.51	-57.27	0.2	-40.0	17.3	Vertical	PK	PASS
1604.5832	-57.72	-57.24	0.5	-40.0	17.2	Vertical	PK	PASS

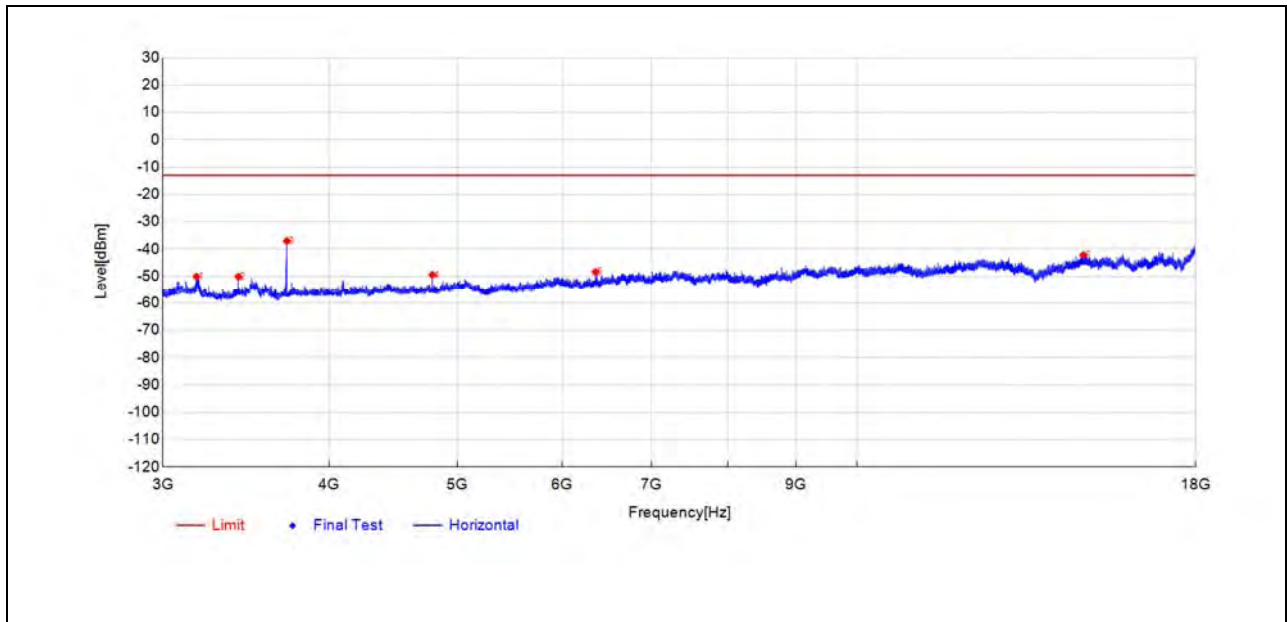
**LTE Band 25**

Plot for Low Channel



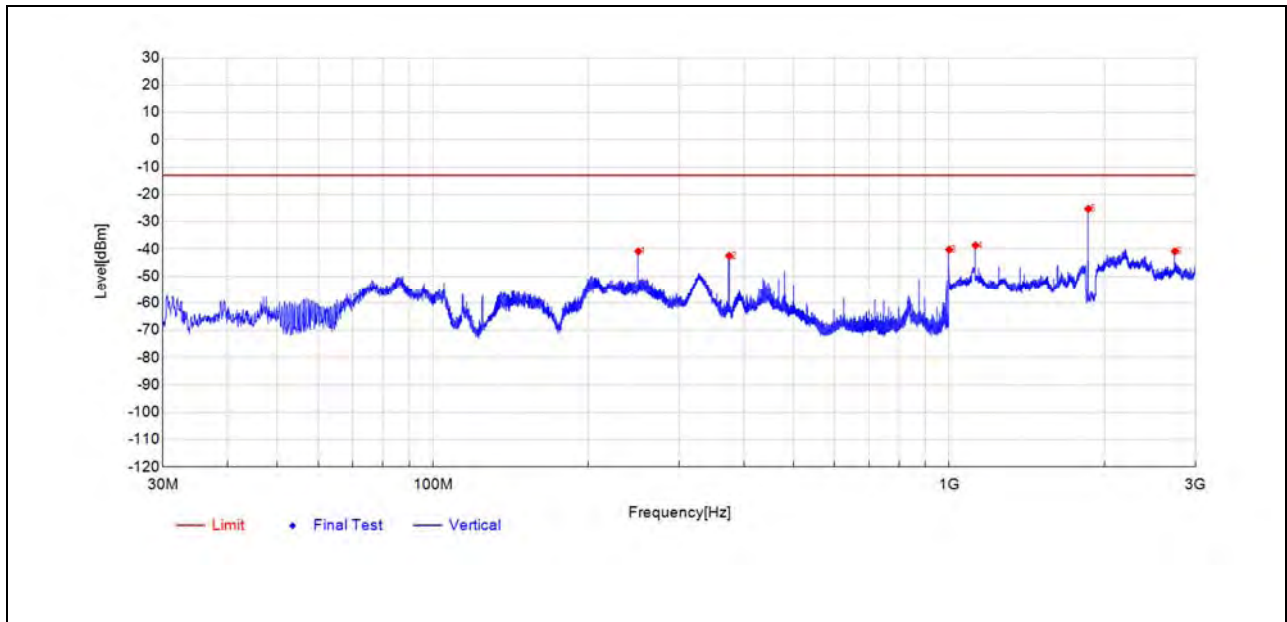
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.76	-41.59	-13.8	-13.0	28.6	Horizontal	PK	PASS
374.9492	-28.12	-42.73	-14.6	-13.0	29.7	Horizontal	PK	PASS
499.9885	-27.42	-40.80	-13.4	-13.0	27.8	Horizontal	PK	PASS
1000	-36.89	-42.32	-5.4	-13.0	29.3	Horizontal	PK	PASS
1124.825	-37.78	-41.41	-3.6	-13.0	28.4	Horizontal	PK	PASS
1860.172	-30.32	-28.20	2.1	-	-	Horizontal	PK	NA



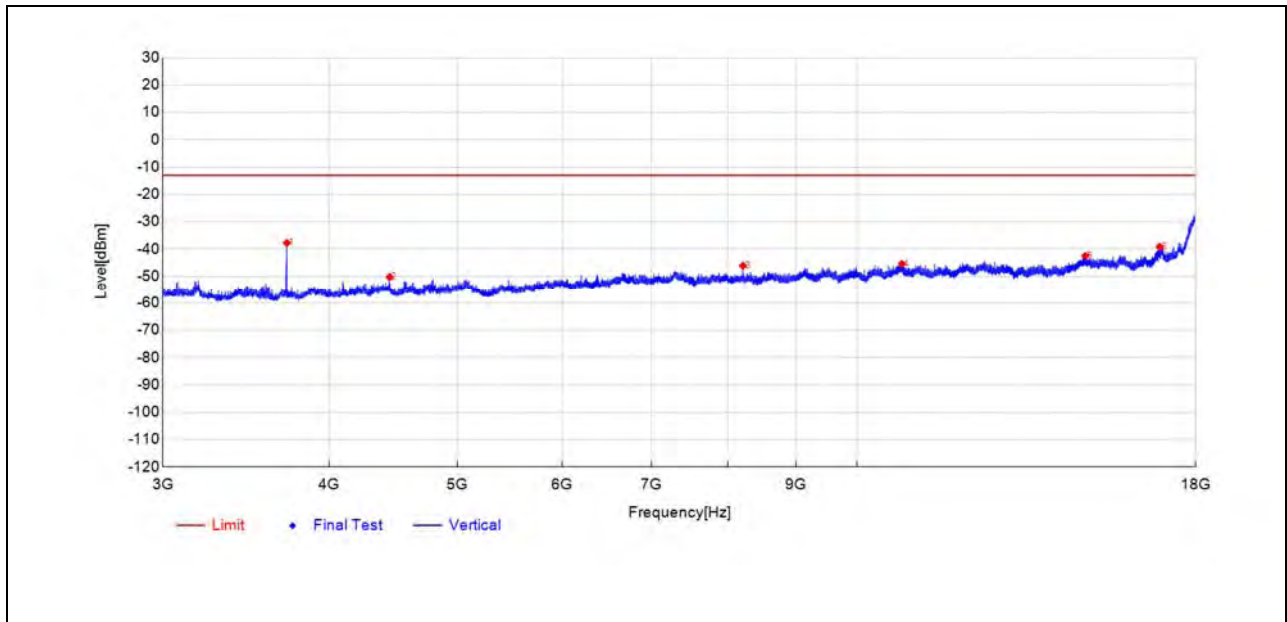
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3180.006	-47.13	-50.06	-2.9	-13.0	37.1	Horizontal	PK	PASS
3420.014	-46.31	-50.07	-3.8	-13.0	37.1	Horizontal	PK	PASS
3720.024	-33.69	-37.03	-3.3	-13.0	24.0	Horizontal	PK	PASS
4788.0596	-49.18	-49.41	-0.2	-13.0	36.4	Horizontal	PK	PASS
6355.6119	-52.31	-48.39	3.9	-13.0	35.4	Horizontal	PK	PASS
14816.3939	-58.67	-42.20	16.5	-13.0	29.2	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-22.07	-40.81	-18.7	-13.0	27.8	Vertical	PK	PASS
374.9978	-26.56	-42.48	-15.9	-13.0	29.5	Vertical	PK	PASS
1000	-34.55	-40.16	-5.6	-13.0	27.2	Vertical	PK	PASS
1124.825	-35.17	-38.63	-3.5	-13.0	25.6	Vertical	PK	PASS
1860.172	-27.02	-25.32	1.7	-	-	Vertical	PK	NA
2736.7473	-48.57	-40.80	7.8	-13.0	27.8	Vertical	PK	PASS

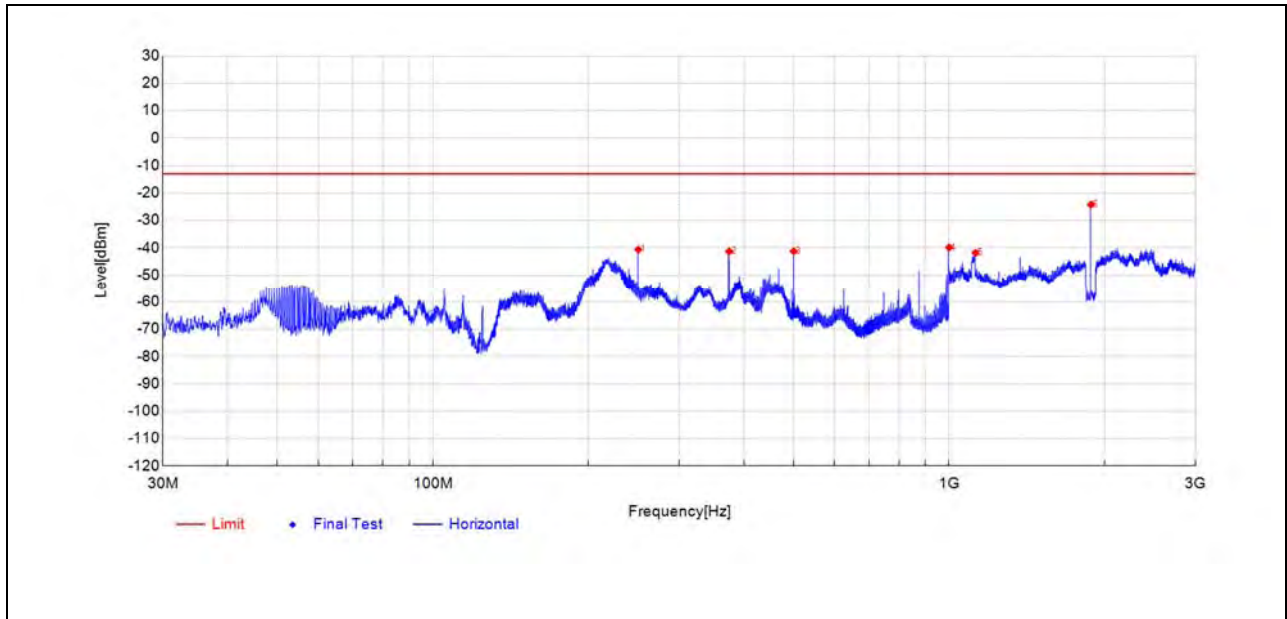


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3720.024	-34.39	-37.70	-3.3	-13.0	24.7	Vertical	PK	PASS
4445.5482	-49.68	-50.22	-0.5	-13.0	37.2	Vertical	PK	PASS
8208.1736	-52.39	-46.06	6.3	-13.0	33.1	Vertical	PK	PASS
10816.2605	-57.22	-45.41	11.8	-13.0	32.4	Vertical	PK	PASS
14871.8957	-58.99	-42.44	16.6	-13.0	29.4	Vertical	PK	PASS
16914.9638	-60.25	-39.17	21.1	-13.0	26.2	Vertical	PK	PASS

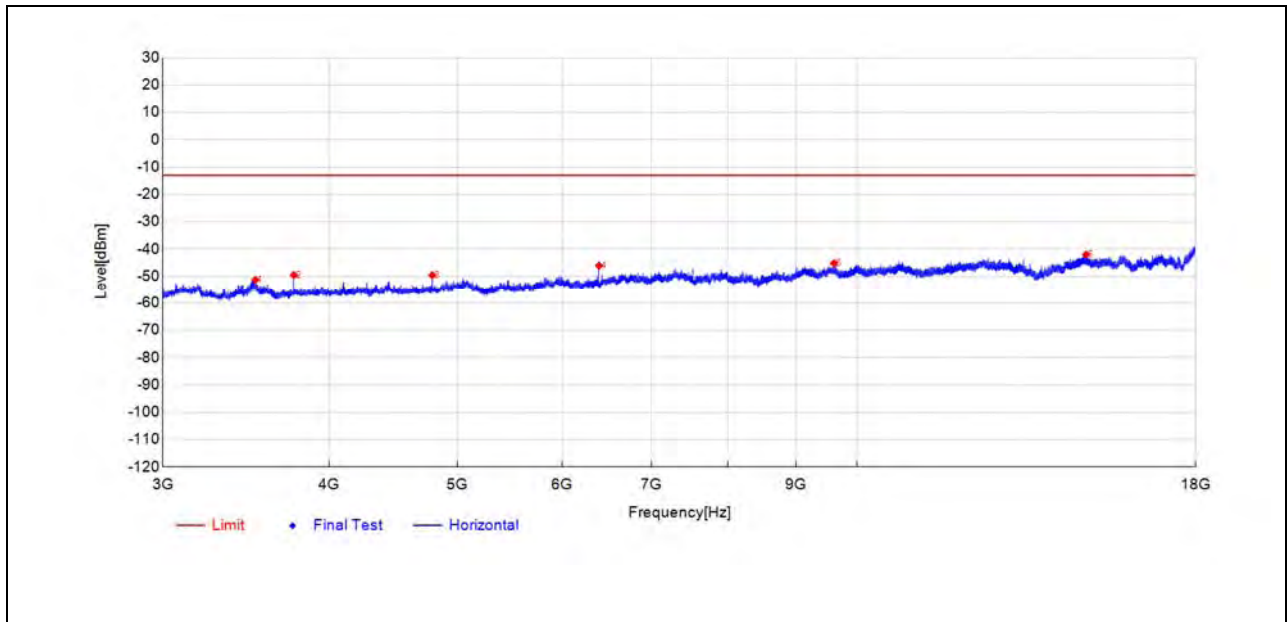


Plot for Mid Channel



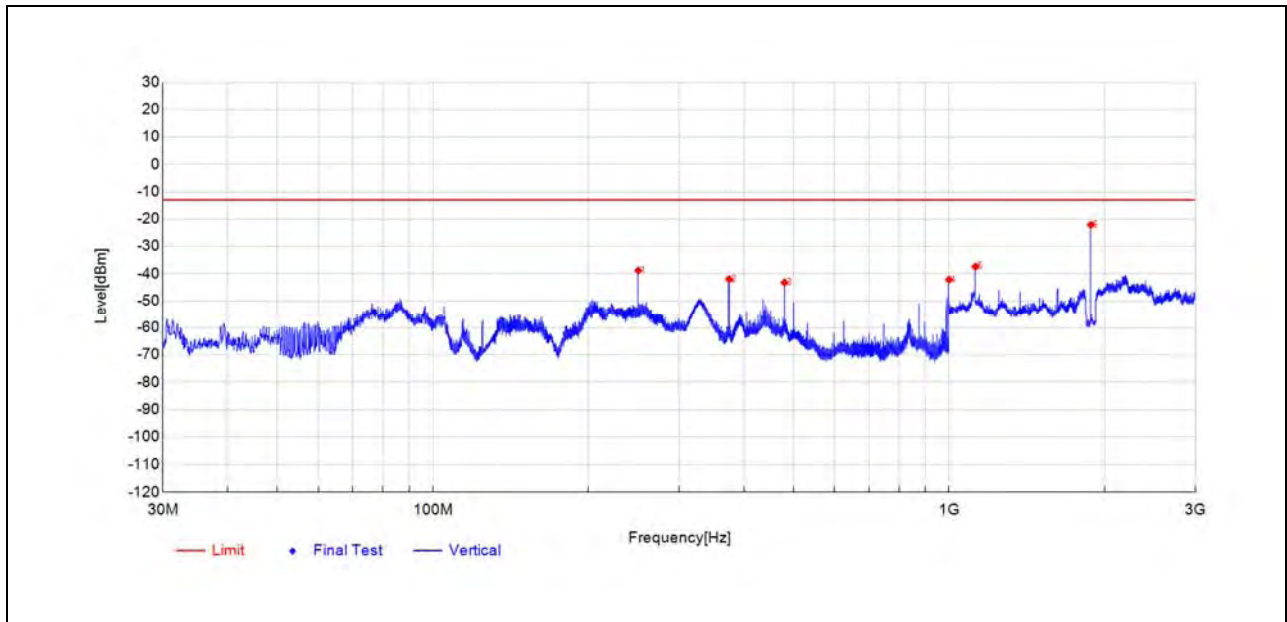
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-26.79	-40.62	-13.8	-13.0	27.6	Horizontal	PK	PASS
374.9492	-26.61	-41.22	-14.6	-13.0	28.2	Horizontal	PK	PASS
499.9885	-27.84	-41.22	-13.4	-13.0	28.2	Horizontal	PK	PASS
1000	-34.41	-39.84	-5.4	-13.0	26.8	Horizontal	PK	PASS
1124.825	-38.18	-41.81	-3.6	-13.0	28.8	Horizontal	PK	PASS
1882.5765	-26.71	-24.22	2.5	-	-	Horizontal	PK	NA



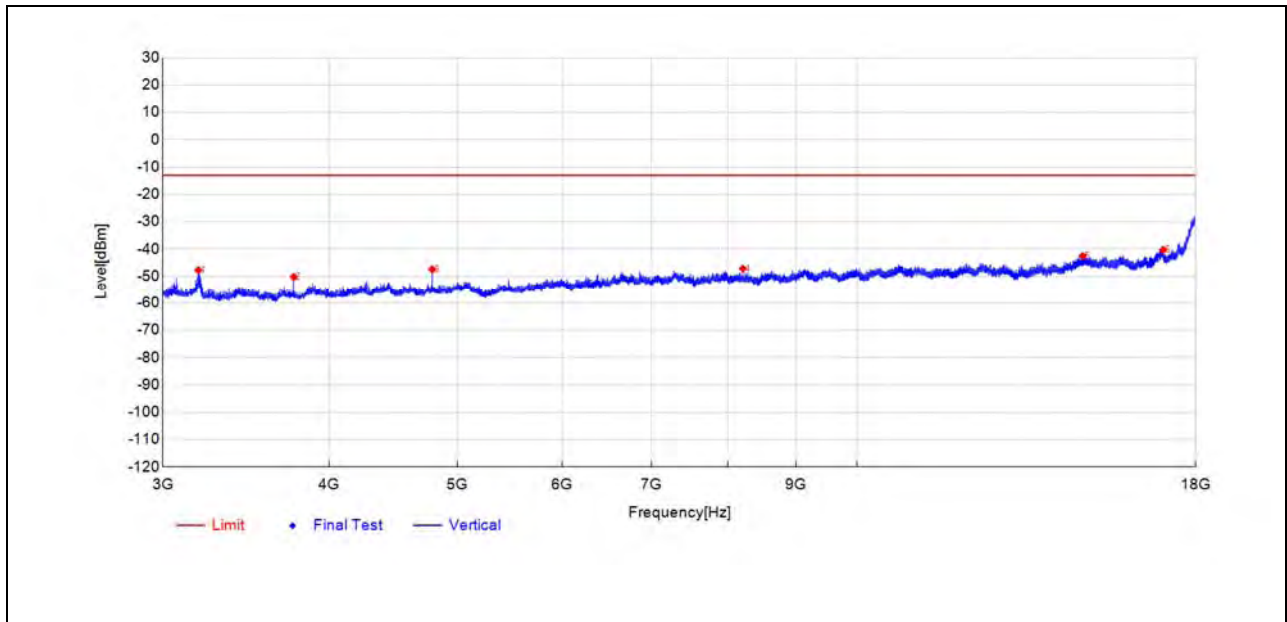
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3522.0174	-47.15	-51.25	-4.1	-13.0	38.3	Horizontal	PK	PASS
3765.0255	-46.78	-49.48	-2.7	-13.0	36.5	Horizontal	PK	PASS
4788.0596	-49.33	-49.56	-0.2	-13.0	36.6	Horizontal	PK	PASS
6395.6132	-49.95	-46.03	3.9	-13.0	33.0	Horizontal	PK	PASS
9612.7204	-54.83	-45.18	9.7	-13.0	32.2	Horizontal	PK	PASS
14891.3964	-58.58	-42.00	16.6	-13.0	29.0	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-20.09	-38.83	-18.7	-13.0	25.8	Vertical	PK	PASS
374.9978	-26.08	-42.00	-15.9	-13.0	29.0	Vertical	PK	PASS
480.0055	-31.04	-43.21	-12.2	-13.0	30.2	Vertical	PK	PASS
1000	-36.57	-42.18	-5.6	-13.0	29.2	Vertical	PK	PASS
1124.825	-33.95	-37.41	-3.5	-13.0	24.4	Vertical	PK	PASS
1882.5765	-24.38	-22.12	2.3	-	-	Vertical	PK	NA

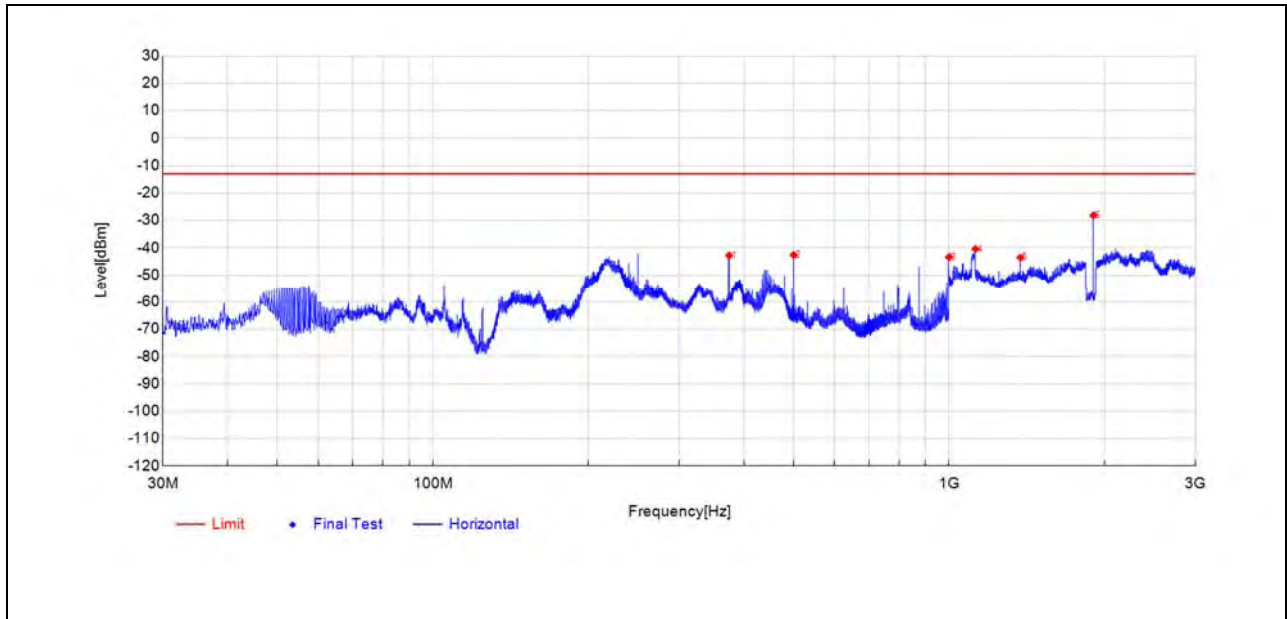


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3190.0063	-44.12	-47.70	-3.6	-13.0	34.7	Vertical	PK	PASS
3764.5255	-46.56	-50.14	-3.6	-13.0	37.1	Vertical	PK	PASS
4787.5596	-47.09	-47.38	-0.3	-13.0	34.4	Vertical	PK	PASS
8207.6736	-53.49	-47.16	6.3	-13.0	34.2	Vertical	PK	PASS
14800.3933	-58.89	-42.53	16.4	-13.0	29.5	Vertical	PK	PASS
17017.9673	-61.56	-40.26	21.3	-13.0	27.3	Vertical	PK	PASS

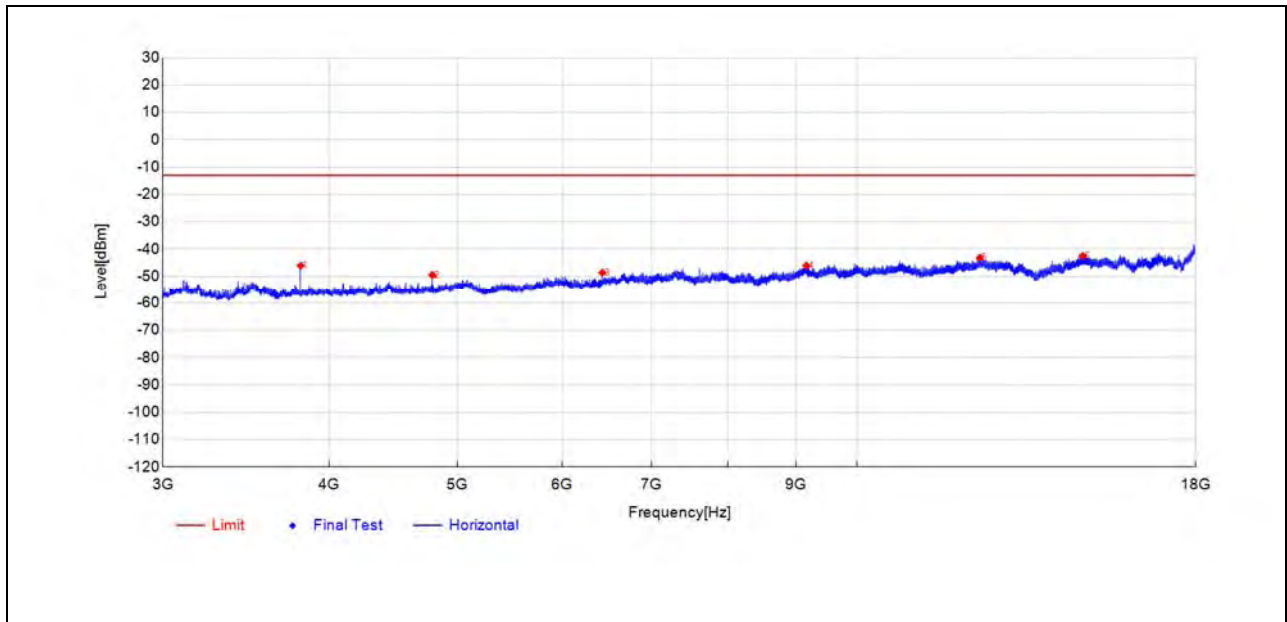


Plot for High Channel



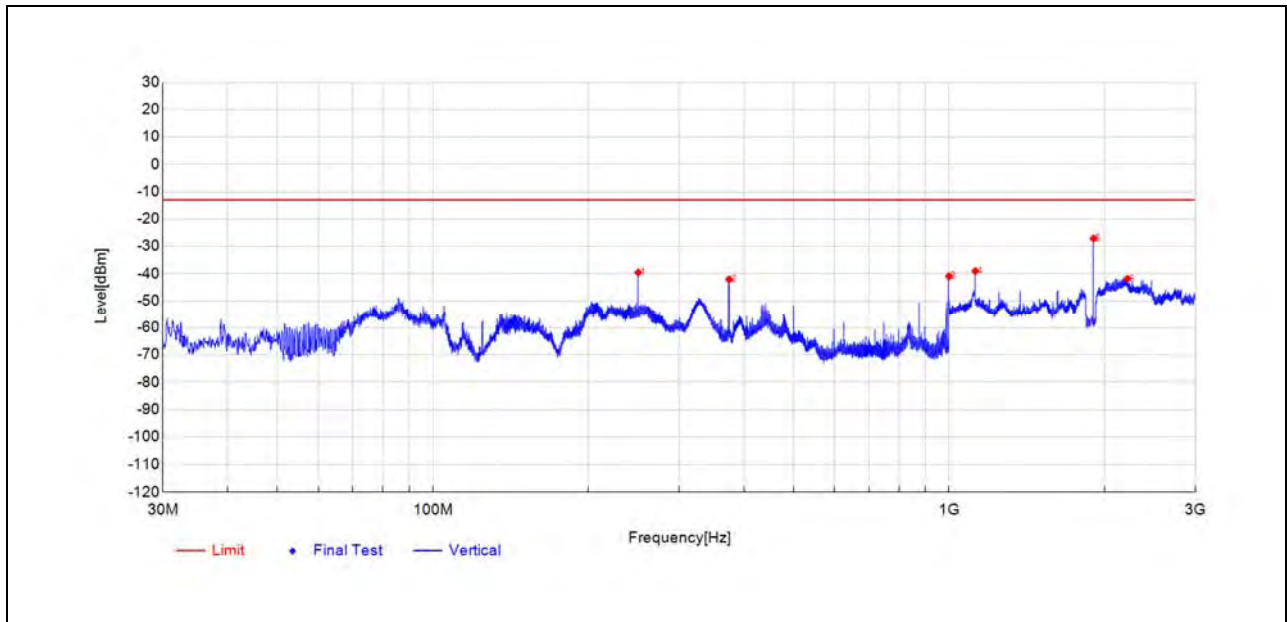
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
374.9978	-28.12	-42.72	-14.6	-13.0	29.7	Horizontal	PK	PASS
499.9885	-29.17	-42.55	-13.4	-13.0	29.6	Horizontal	PK	PASS
1000	-37.94	-43.37	-5.4	-13.0	30.4	Horizontal	PK	PASS
1124.825	-36.74	-40.37	-3.6	-13.0	27.4	Horizontal	PK	PASS
1374.875	-42.61	-43.53	-0.9	-13.0	30.5	Horizontal	PK	PASS
1904.981	-30.65	-28.15	2.5	-	-	Horizontal	PK	NA



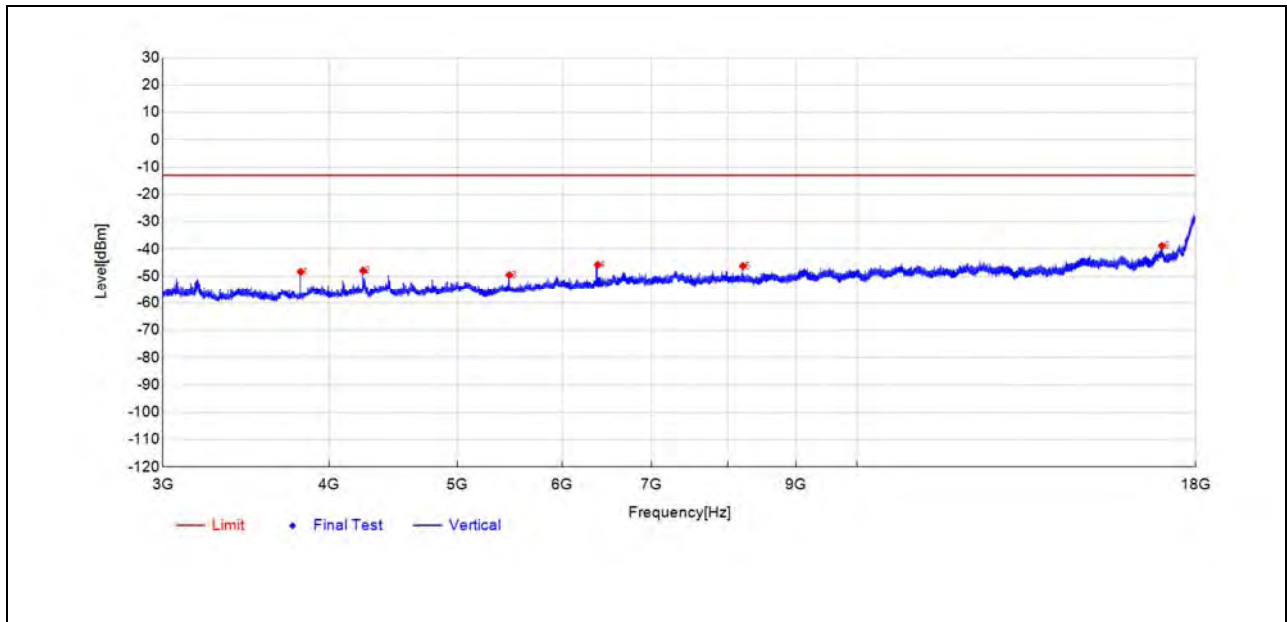
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3810.027	-43.63	-46.05	-2.4	-13.0	33.1	Horizontal	PK	PASS
4787.5596	-49.22	-49.45	-0.2	-13.0	36.5	Horizontal	PK	PASS
6431.6144	-53.07	-48.60	4.5	-13.0	35.6	Horizontal	PK	PASS
9164.7055	-55.44	-46.01	9.4	-13.0	33.0	Horizontal	PK	PASS
12381.8127	-57.95	-43.18	14.8	-13.0	30.2	Horizontal	PK	PASS
14800.3933	-58.97	-42.53	16.4	-13.0	29.5	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-20.81	-39.55	-18.7	-13.0	26.6	Vertical	PK	PASS
374.9978	-26.15	-42.07	-15.9	-13.0	29.1	Vertical	PK	PASS
1000	-35.31	-40.92	-5.6	-13.0	27.9	Vertical	PK	PASS
1124.4249	-35.60	-39.06	-3.5	-13.0	26.1	Vertical	PK	PASS
1904.981	-29.77	-27.16	2.6	-	-	Vertical	PK	NA
2215.4431	-44.67	-41.86	2.8	-13.0	28.9	Vertical	PK	PASS



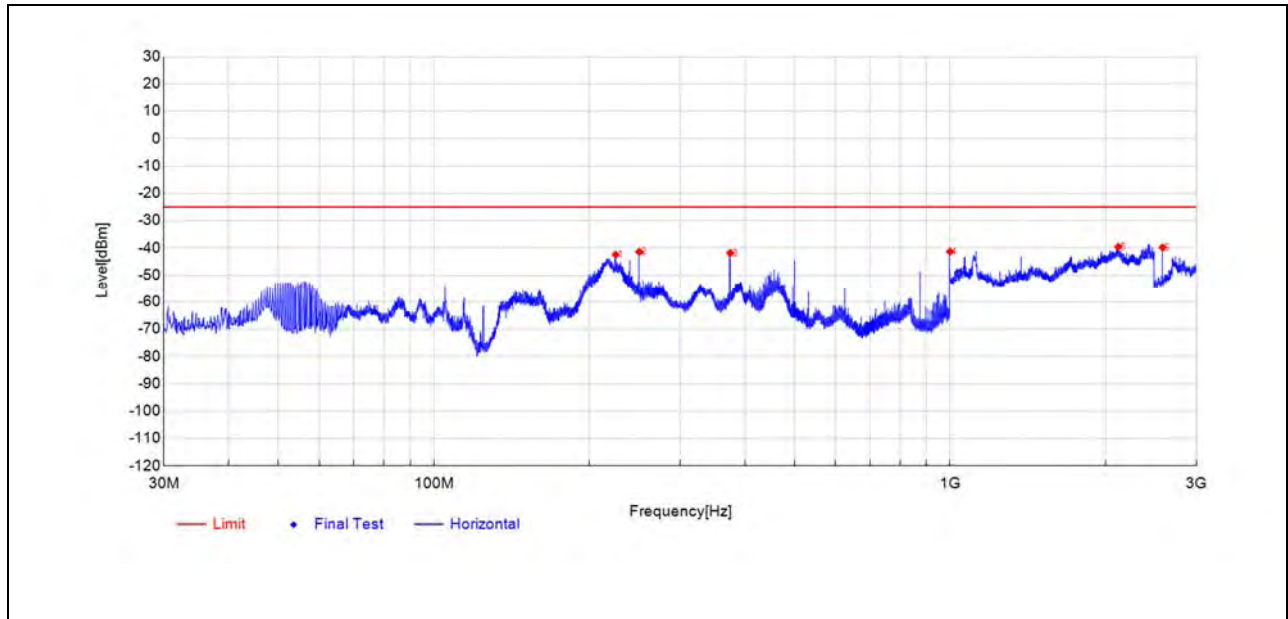
(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3810.027	-44.51	-48.30	-3.8	-13.0	35.3	Vertical	PK	PASS
4246.5416	-46.59	-47.89	-1.3	-13.0	34.9	Vertical	PK	PASS
5472.5824	-51.07	-49.50	1.6	-13.0	36.5	Vertical	PK	PASS
6380.1127	-49.57	-45.75	3.8	-13.0	32.8	Vertical	PK	PASS
8207.6736	-52.53	-46.20	6.3	-13.0	33.2	Vertical	PK	PASS
16985.4662	-60.50	-38.88	21.6	-13.0	25.9	Vertical	PK	PASS



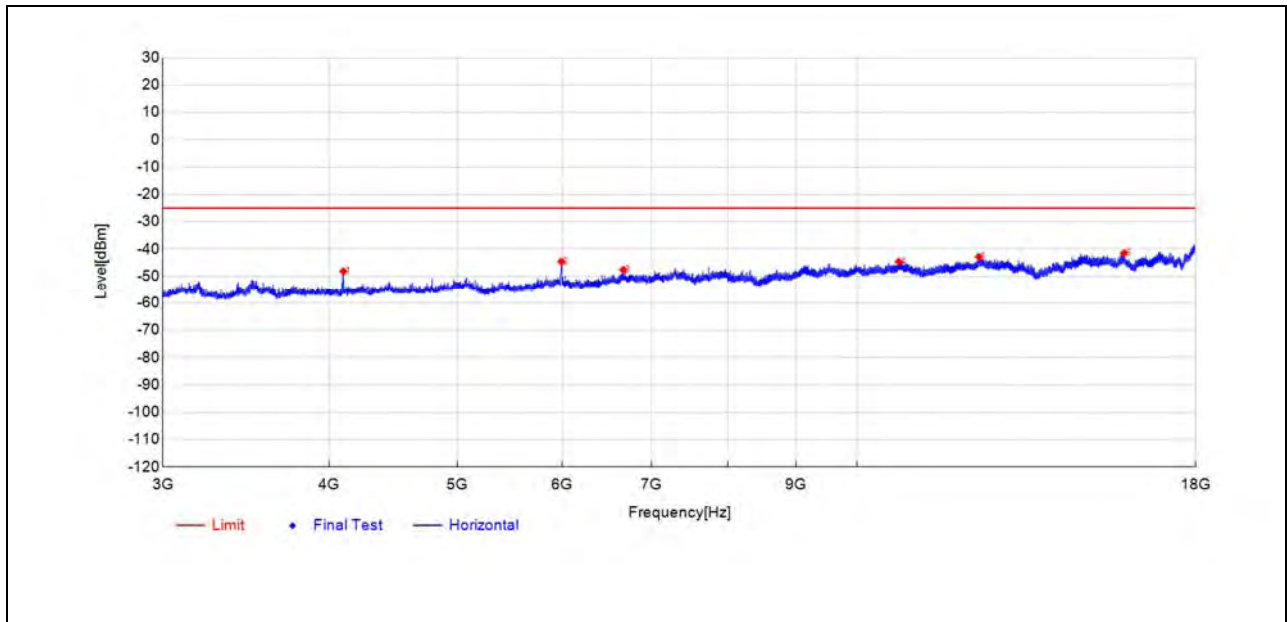
LTE Band 38

Plot for Low Channel



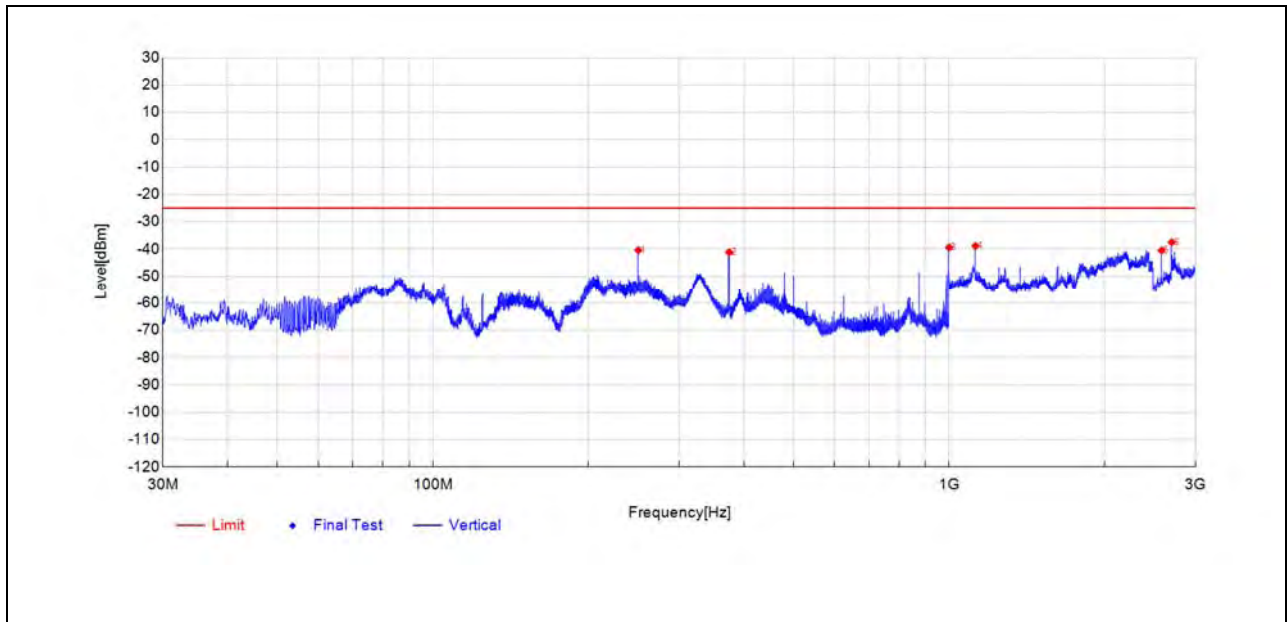
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
224.9797	-33.26	-42.46	-9.2	-25.0	17.5	Horizontal	PK	PASS
250.007	-27.56	-41.39	-13.8	-25.0	16.4	Horizontal	PK	PASS
374.9978	-27.25	-41.85	-14.6	-25.0	16.9	Horizontal	PK	PASS
1000	-36.13	-41.31	-5.2	-25.0	16.3	Horizontal	PK	PASS
2117.4235	-42.67	-39.59	3.1	-25.0	14.6	Horizontal	PK	PASS
2579.916	-47.35	-39.82	7.5	-	-	Horizontal	PK	NA



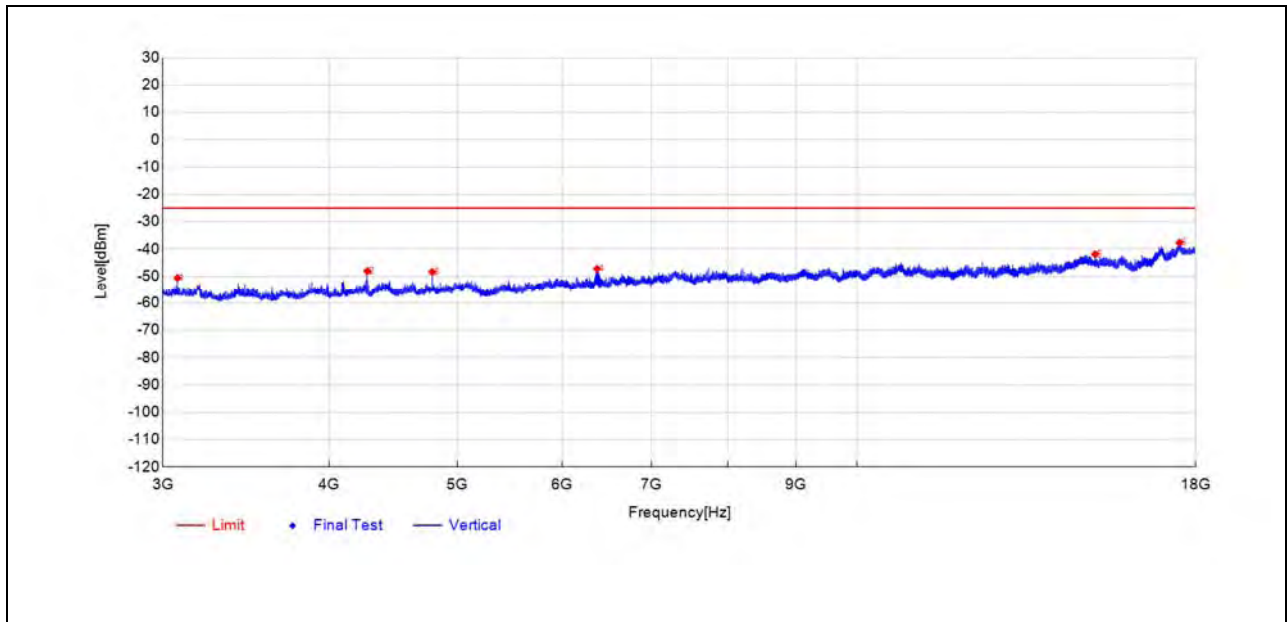
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
4104.0368	-46.08	-48.16	-2.1	-25.0	23.2	Horizontal	PK	PASS
5990.0997	-49.07	-44.55	4.5	-25.0	19.6	Horizontal	PK	PASS
6669.6223	-53.91	-47.55	6.4	-25.0	22.6	Horizontal	PK	PASS
10759.7587	-56.54	-44.61	11.9	-25.0	19.6	Horizontal	PK	PASS
12361.8121	-57.39	-42.85	14.5	-25.0	17.9	Horizontal	PK	PASS
15902.4301	-59.15	-41.50	17.7	-25.0	16.5	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.67	-40.41	-18.7	-25.0	15.4	Vertical	PK	PASS
374.9978	-25.21	-41.13	-15.9	-25.0	16.1	Vertical	PK	PASS
1000	-34.02	-39.38	-5.4	-25.0	14.4	Vertical	PK	PASS
1124.825	-35.35	-38.86	-3.5	-25.0	13.9	Vertical	PK	PASS
2580.3161	-48.42	-40.49	7.9	-	-	Vertical	PK	NA
2699.5399	-47.00	-37.49	9.5	-25.0	12.5	Vertical	PK	PASS

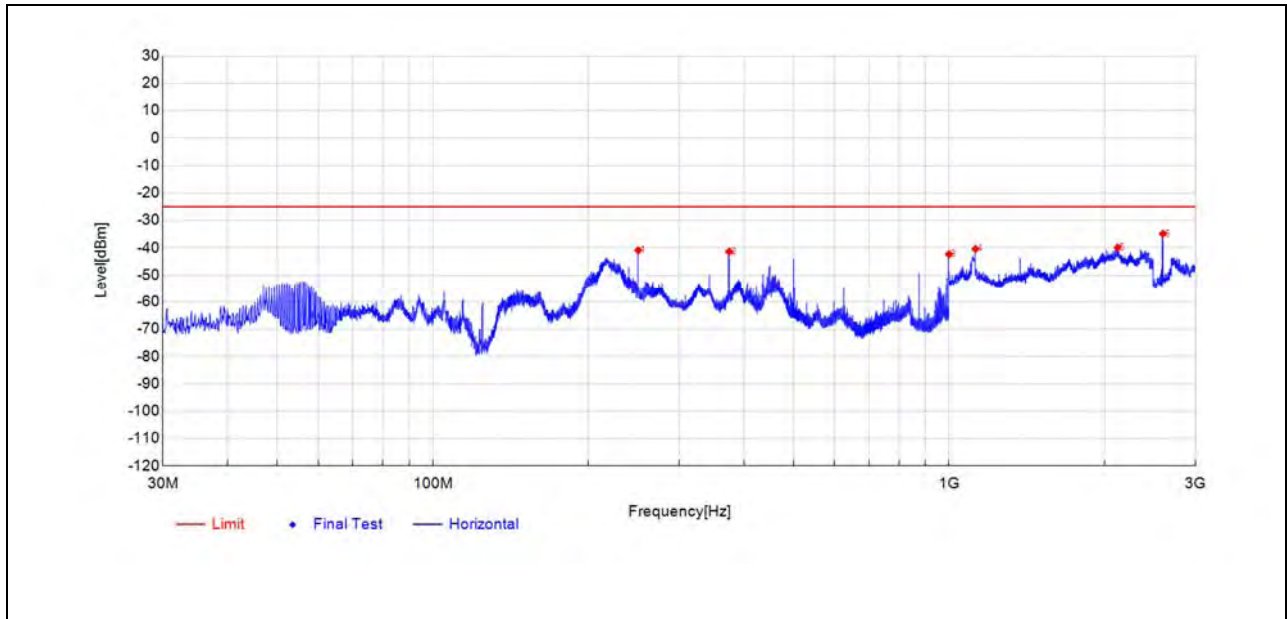


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3077.0026	-46.85	-50.59	-3.7	-25.0	25.6	Vertical	PK	PASS
4277.5426	-46.34	-48.03	-1.7	-25.0	23.0	Vertical	PK	PASS
4788.0596	-48.05	-48.34	-0.3	-25.0	23.3	Vertical	PK	PASS
6372.1124	-51.05	-47.23	3.8	-25.0	22.2	Vertical	PK	PASS
15125.9042	-58.50	-41.86	16.6	-25.0	16.9	Vertical	PK	PASS
17507.9836	-61.75	-37.66	24.1	-25.0	12.7	Vertical	PK	PASS

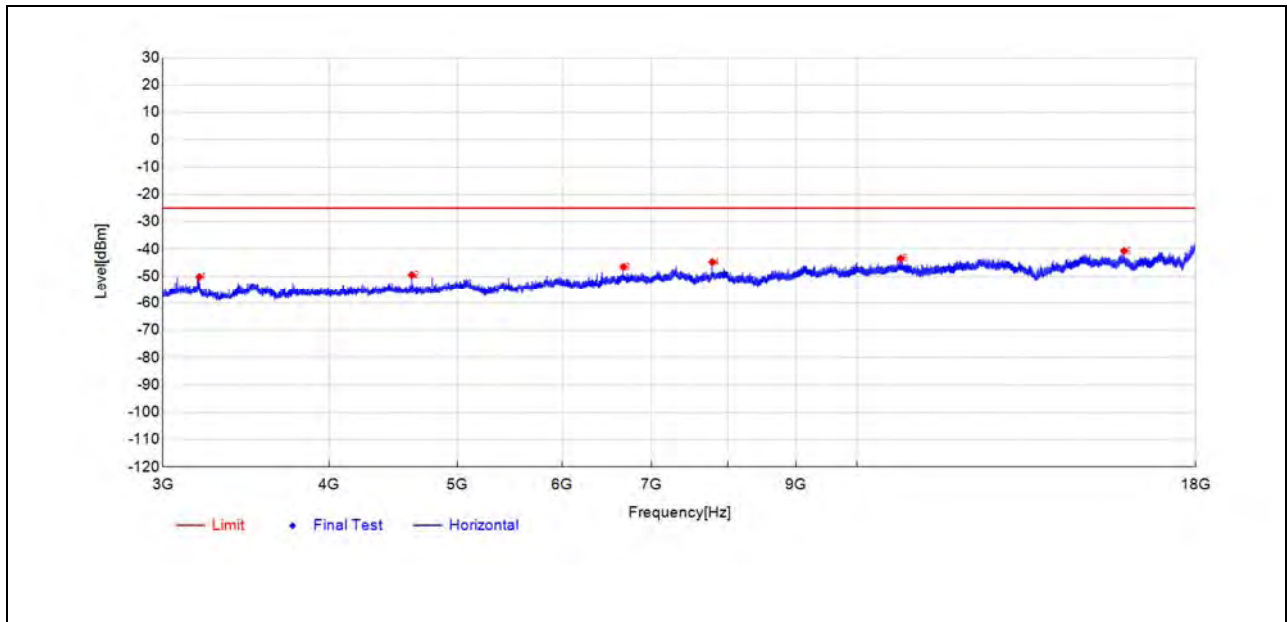


Plot for Mid Channel



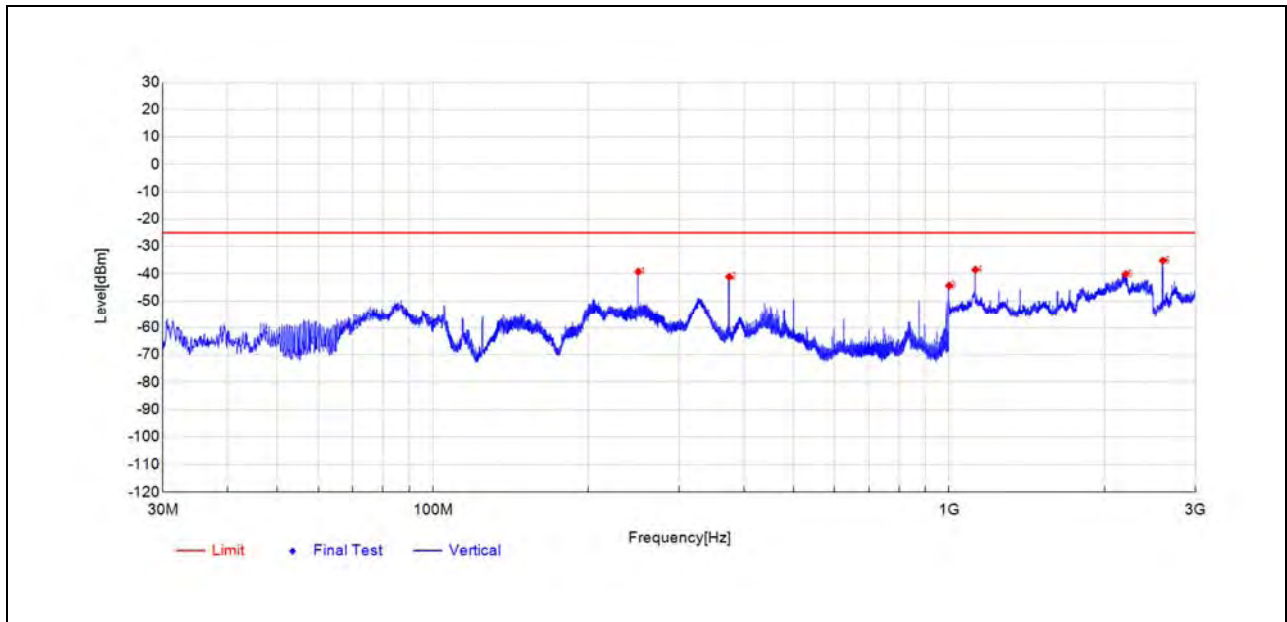
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.03	-40.85	-13.8	-25.0	15.9	Horizontal	PK	PASS
374.9978	-26.75	-41.35	-14.6	-25.0	16.4	Horizontal	PK	PASS
1000	-37.11	-42.29	-5.2	-25.0	17.3	Horizontal	PK	PASS
1124.825	-36.67	-40.35	-3.7	-25.0	15.4	Horizontal	PK	PASS
2120.6241	-43.00	-39.87	3.1	-25.0	14.9	Horizontal	PK	PASS
2595.119	-42.65	-34.84	7.8	-	-	Horizontal	PK	NA



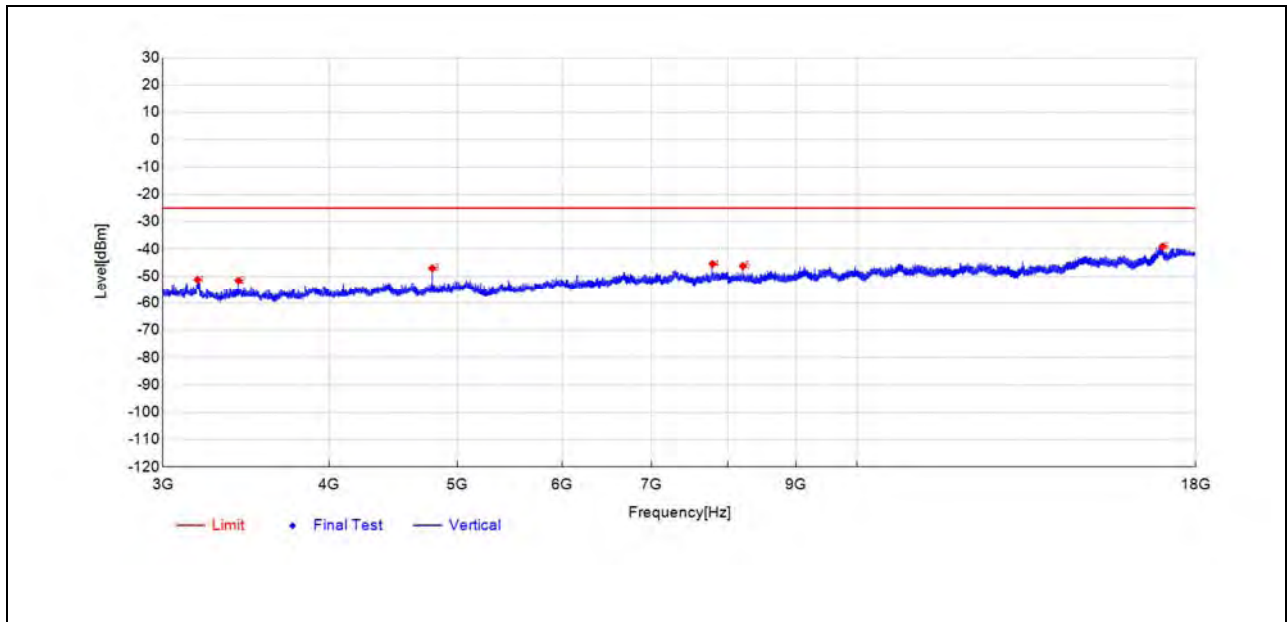
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3195.5065	-47.08	-50.16	-3.1	-25.0	25.2	Horizontal	PK	PASS
4620.054	-48.90	-49.48	-0.6	-25.0	24.5	Horizontal	PK	PASS
6670.6224	-52.88	-46.51	6.4	-25.0	21.5	Horizontal	PK	PASS
7784.6595	-51.46	-44.76	6.7	-25.0	19.8	Horizontal	PK	PASS
10792.2597	-55.71	-43.46	12.3	-25.0	18.5	Horizontal	PK	PASS
15901.43	-58.36	-40.69	17.7	-25.0	15.7	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.52	-39.26	-18.7	-25.0	14.3	Vertical	PK	PASS
374.9978	-25.18	-41.10	-15.9	-25.0	16.1	Vertical	PK	PASS
1000	-39.02	-44.38	-5.4	-25.0	19.4	Vertical	PK	PASS
1124.4249	-35.03	-38.54	-3.5	-25.0	13.5	Vertical	PK	PASS
2197.8396	-43.25	-40.13	3.1	-25.0	15.1	Vertical	PK	PASS
2595.119	-43.61	-35.20	8.4	-	-	Vertical	PK	NA

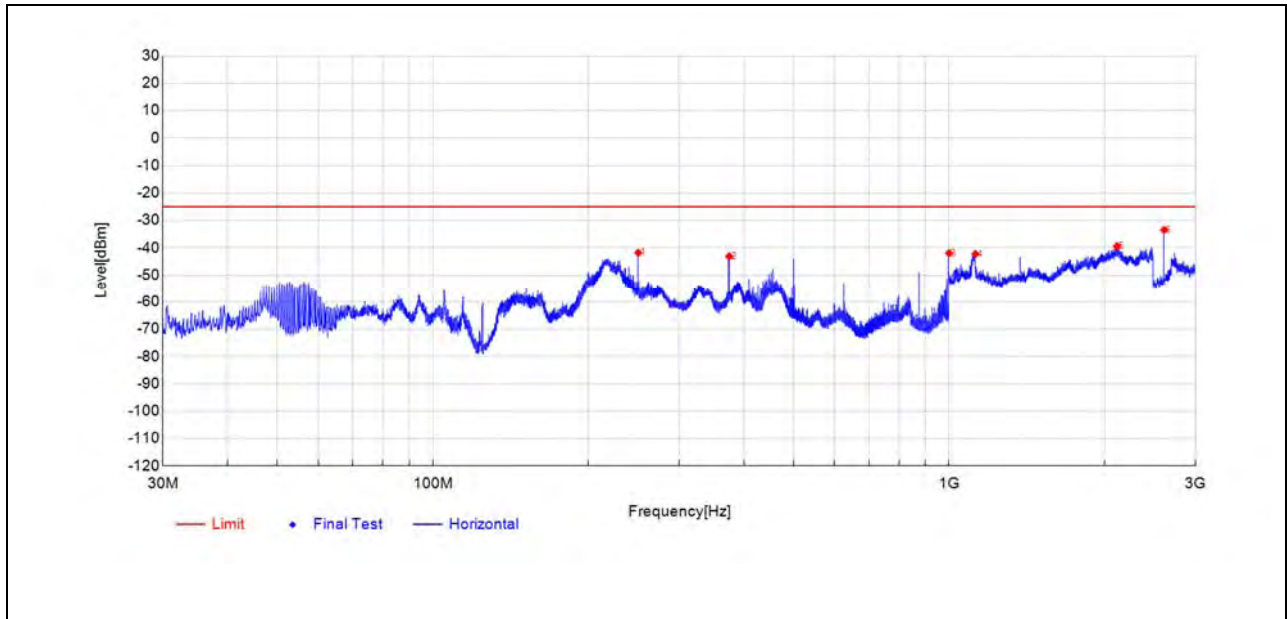


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3186.5062	-47.66	-51.22	-3.6	-25.0	26.2	Vertical	PK	PASS
3420.014	-47.51	-51.52	-4.0	-25.0	26.5	Vertical	PK	PASS
4787.5596	-46.74	-47.03	-0.3	-25.0	22.0	Vertical	PK	PASS
7785.1595	-51.73	-45.44	6.3	-25.0	20.4	Vertical	PK	PASS
8207.6736	-52.51	-46.18	6.3	-25.0	21.2	Vertical	PK	PASS
16998.4666	-60.79	-39.07	21.7	-25.0	14.1	Vertical	PK	PASS

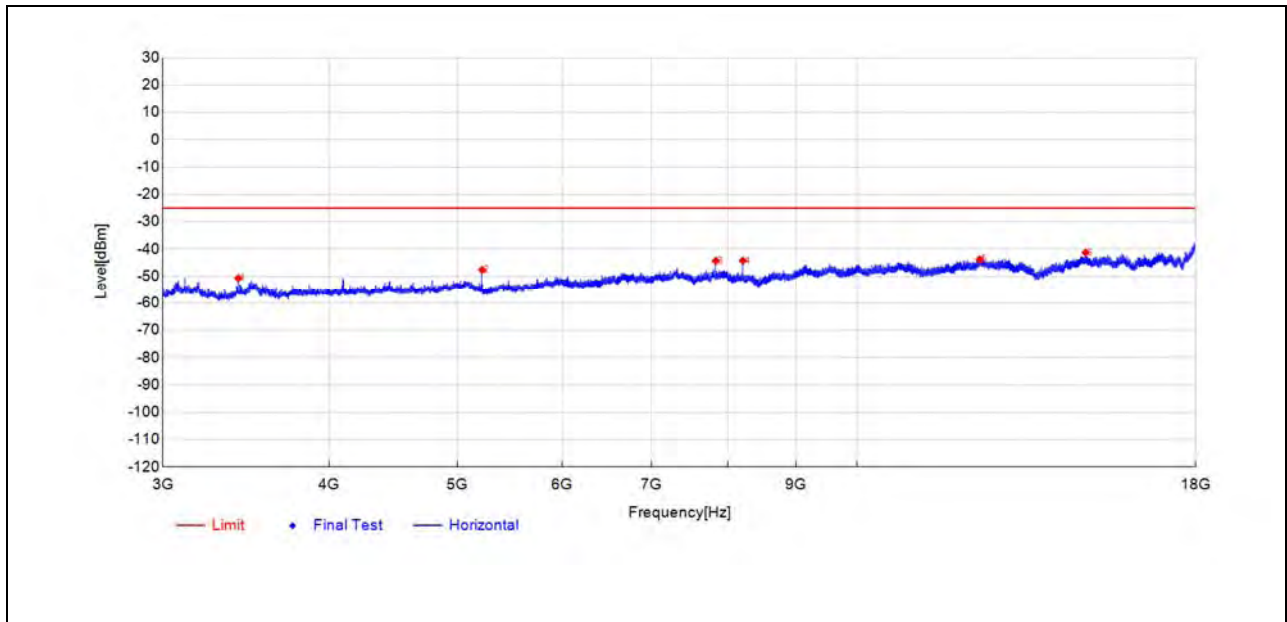


Plot for High Channel



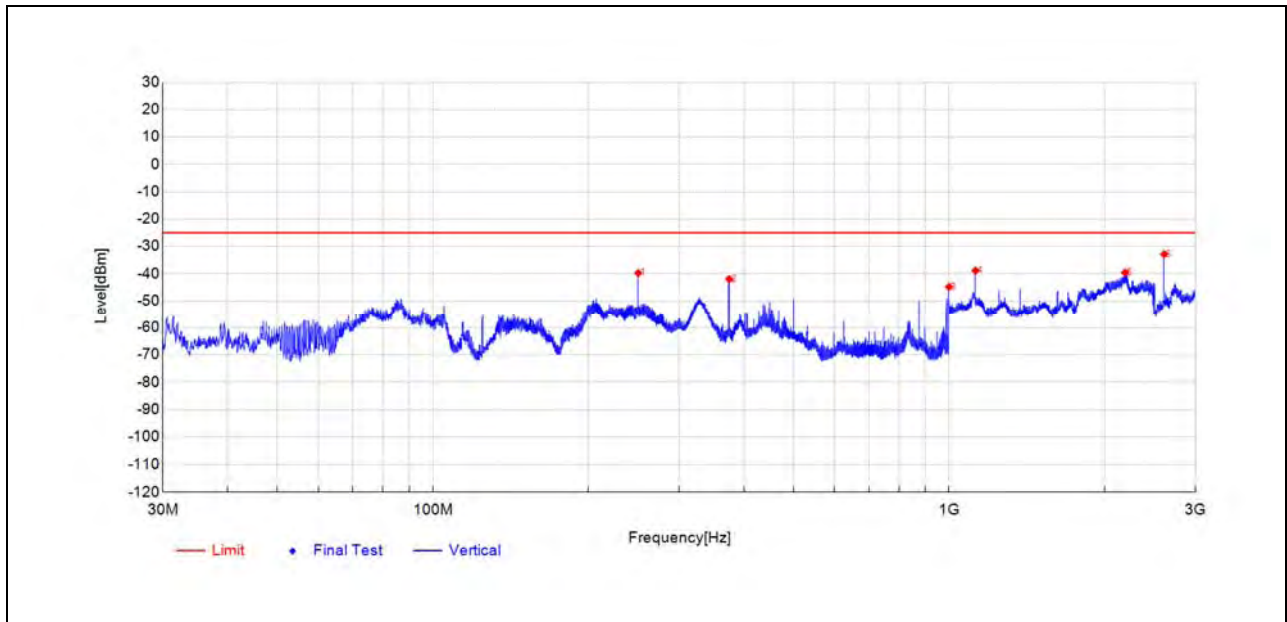
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.91	-41.74	-13.8	-25.0	16.7	Horizontal	PK	PASS
374.9978	-28.43	-43.03	-14.6	-25.0	18.0	Horizontal	PK	PASS
1000	-36.72	-41.90	-5.2	-25.0	16.9	Horizontal	PK	PASS
1124.825	-38.54	-42.22	-3.7	-25.0	17.2	Horizontal	PK	PASS
2114.6229	-42.44	-39.40	3.0	-25.0	14.4	Horizontal	PK	PASS
2609.922	-41.49	-33.47	8.0	-	-	Horizontal	PK	NA



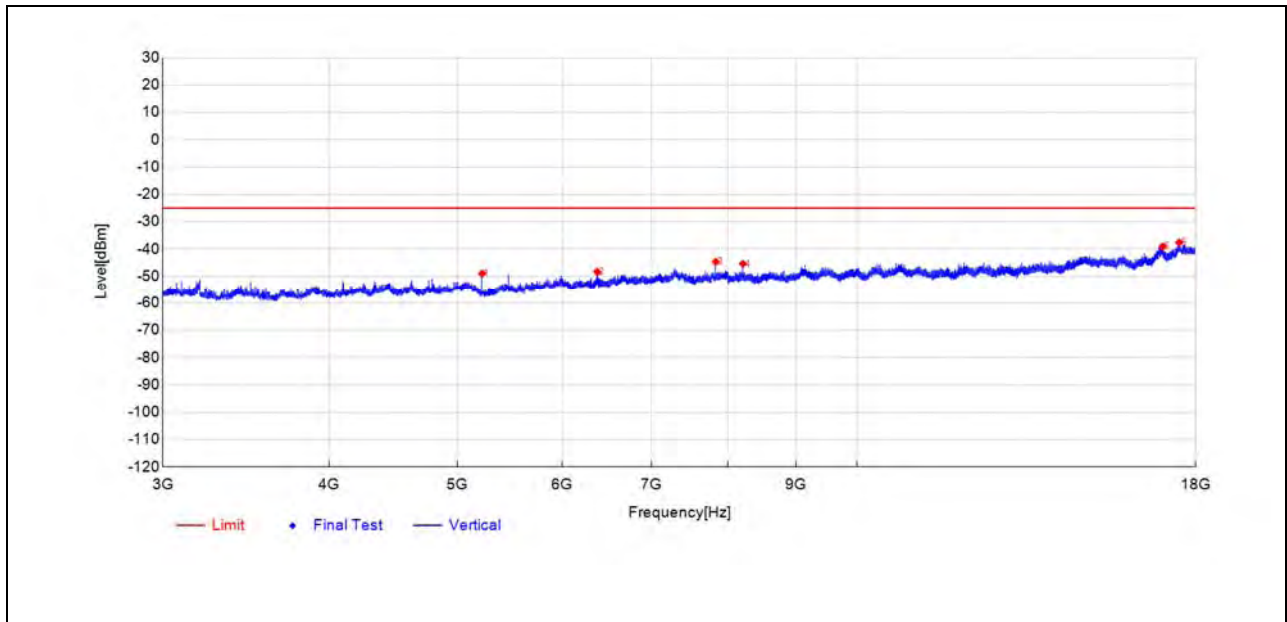
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3419.514	-46.90	-50.66	-3.8	-25.0	25.7	Horizontal	PK	PASS
5220.074	-48.01	-47.56	0.5	-25.0	22.6	Horizontal	PK	PASS
7830.161	-51.19	-44.30	6.9	-25.0	19.3	Horizontal	PK	PASS
8207.6736	-51.33	-44.21	7.1	-25.0	19.2	Horizontal	PK	PASS
12380.3127	-58.46	-43.71	14.8	-25.0	18.7	Horizontal	PK	PASS
14873.8958	-57.80	-41.25	16.6	-25.0	16.3	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-21.02	-39.76	-18.7	-25.0	14.8	Vertical	PK	PASS
374.9978	-26.00	-41.92	-15.9	-25.0	16.9	Vertical	PK	PASS
1000	-39.41	-44.77	-5.4	-25.0	19.8	Vertical	PK	PASS
1124.825	-35.37	-38.88	-3.5	-25.0	13.9	Vertical	PK	PASS
2192.6385	-42.70	-39.59	3.1	-25.0	14.6	Vertical	PK	PASS
2610.3221	-41.85	-32.85	9.0	-	-	Vertical	PK	NA



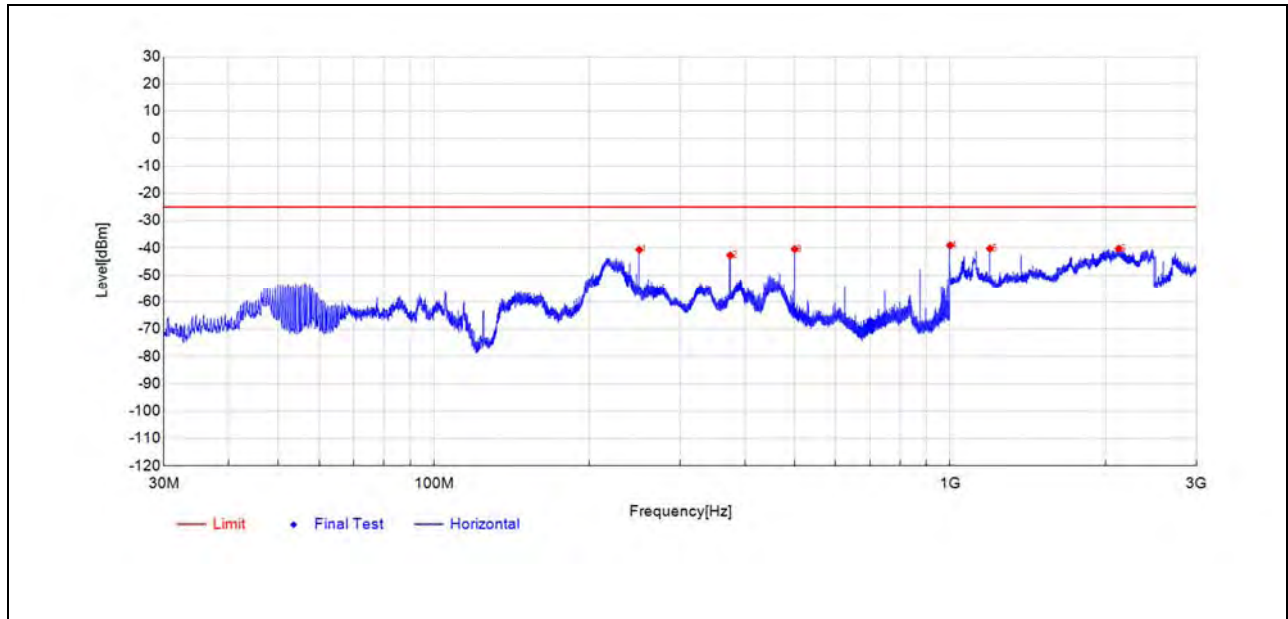
(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
5220.074	-48.71	-48.92	-0.2	-25.0	23.9	Vertical	PK	PASS
6373.6125	-52.12	-48.30	3.8	-25.0	23.3	Vertical	PK	PASS
7830.161	-50.99	-44.63	6.4	-25.0	19.6	Vertical	PK	PASS
8208.6736	-51.68	-45.35	6.3	-25.0	20.4	Vertical	PK	PASS
17003.9668	-60.71	-39.07	21.6	-25.0	14.1	Vertical	PK	PASS
17498.4833	-61.72	-37.55	24.2	-25.0	12.6	Vertical	PK	PASS



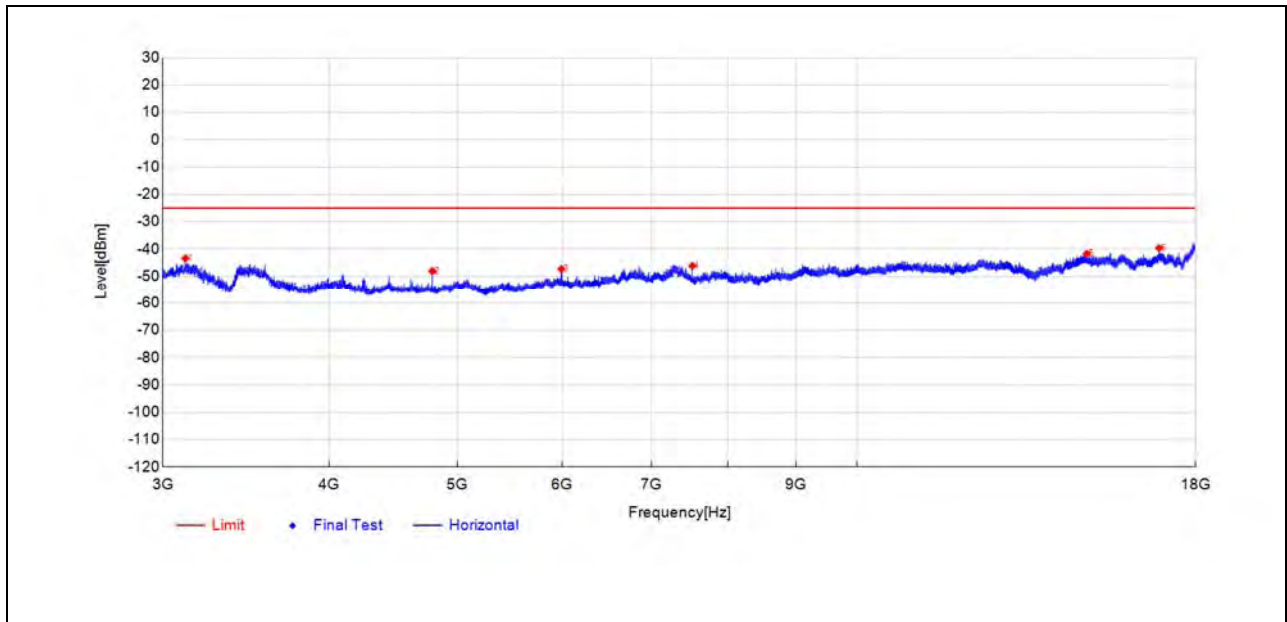
LTE Band 41

Plot for Low Channel



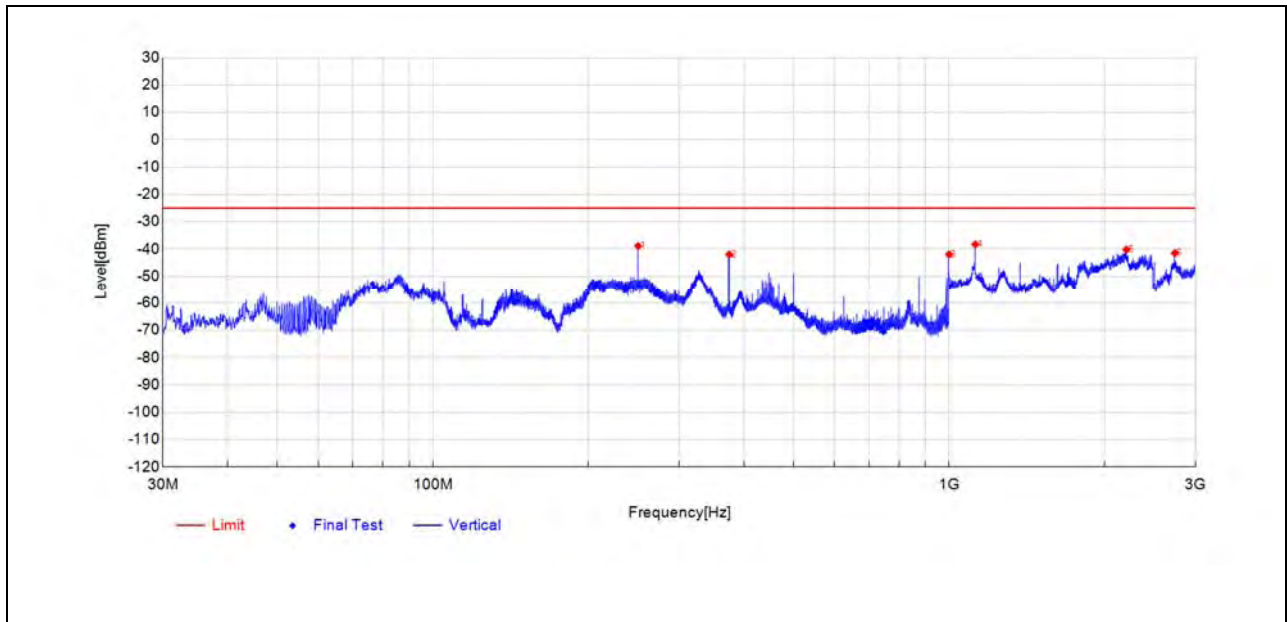
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-26.80	-40.63	-13.8	-25.0	15.6	Horizontal	PK	PASS
374.9978	-28.06	-42.66	-14.6	-25.0	17.7	Horizontal	PK	PASS
500.037	-27.03	-40.41	-13.4	-25.0	15.4	Horizontal	PK	PASS
1000	-33.84	-39.02	-5.2	-25.0	14.0	Horizontal	PK	PASS
1194.4389	-38.06	-40.22	-2.2	-25.0	15.2	Horizontal	PK	PASS
2120.6241	-43.37	-40.24	3.1	-25.0	15.2	Horizontal	PK	PASS



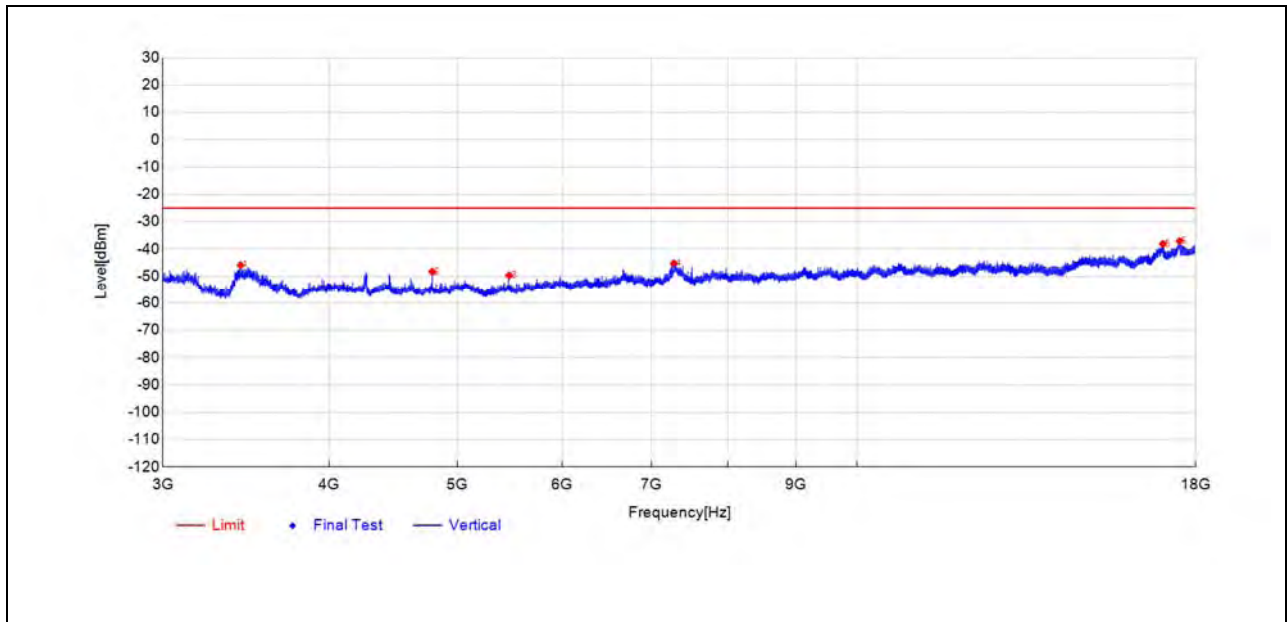
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3118.5039	-40.79	-43.39	-2.6	-25.0	18.4	Horizontal	PK	PASS
4787.5596	-47.83	-48.06	-0.2	-25.0	23.1	Horizontal	PK	PASS
5990.0997	-51.80	-47.28	4.5	-25.0	22.3	Horizontal	PK	PASS
7517.6506	-52.14	-46.12	6.0	-25.0	21.1	Horizontal	PK	PASS
14908.3969	-58.29	-41.74	16.6	-25.0	16.7	Horizontal	PK	PASS
16901.9634	-58.14	-39.60	18.5	-25.0	14.6	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.11	-38.85	-18.7	-25.0	13.9	Vertical	PK	PASS
374.9978	-26.03	-41.95	-15.9	-25.0	17.0	Vertical	PK	PASS
1000	-36.54	-41.90	-5.4	-25.0	16.9	Vertical	PK	PASS
1124.4249	-34.76	-38.27	-3.5	-25.0	13.3	Vertical	PK	PASS
2205.041	-43.27	-40.19	3.1	-25.0	15.2	Vertical	PK	PASS
2736.3473	-50.36	-41.48	8.9	-25.0	16.5	Vertical	PK	PASS

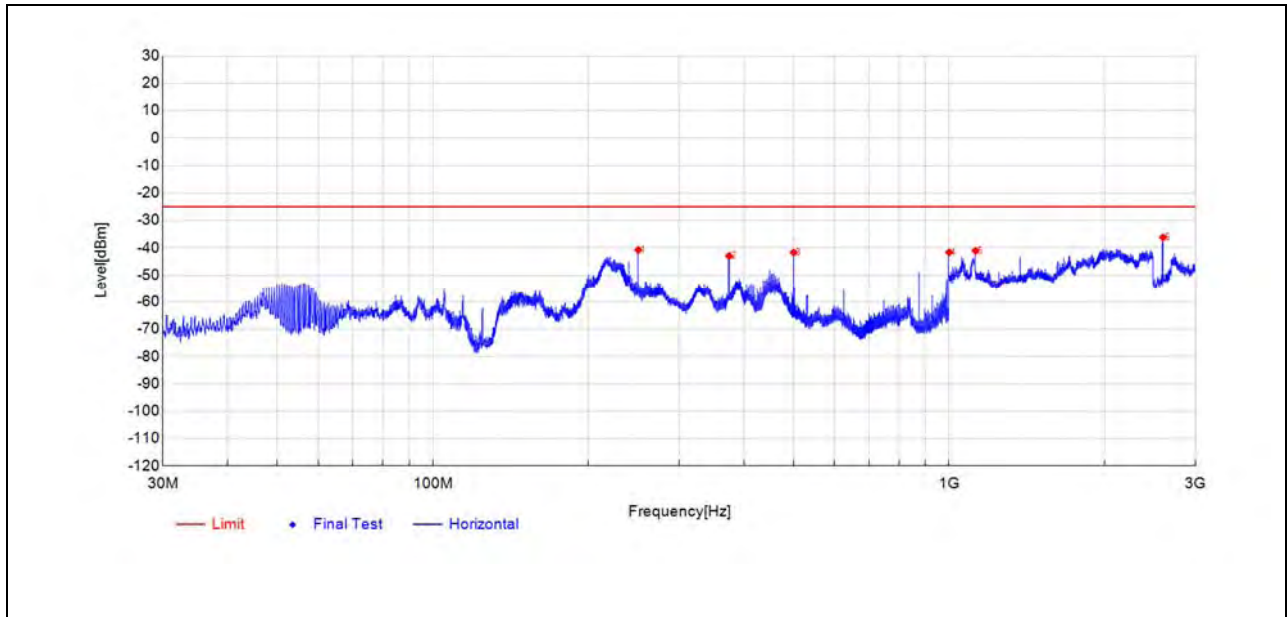


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3432.5144	-41.89	-45.86	-4.0	-25.0	20.9	Vertical	PK	PASS
4787.5596	-47.95	-48.24	-0.3	-25.0	23.2	Vertical	PK	PASS
5472.0824	-51.22	-49.64	1.6	-25.0	24.6	Vertical	PK	PASS
7282.1427	-52.67	-45.18	7.5	-25.0	20.2	Vertical	PK	PASS
17012.4671	-59.55	-38.12	21.4	-25.0	13.1	Vertical	PK	PASS
17514.9838	-61.03	-37.06	24.0	-25.0	12.1	Vertical	PK	PASS

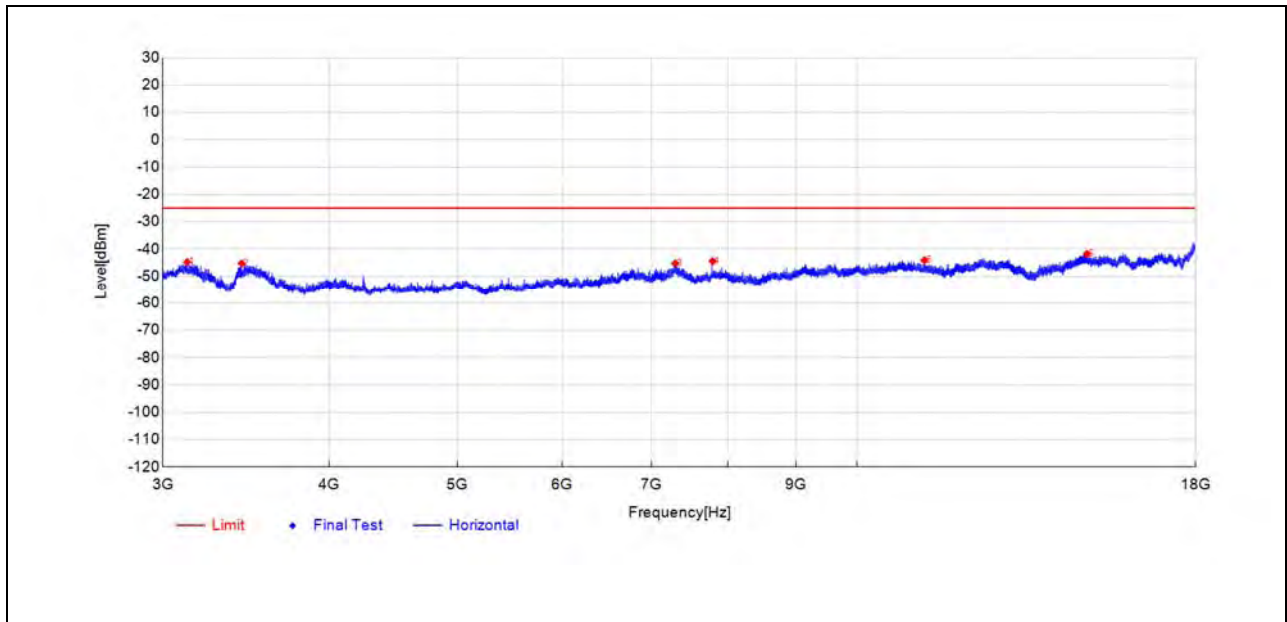


Plot for Mid Channel



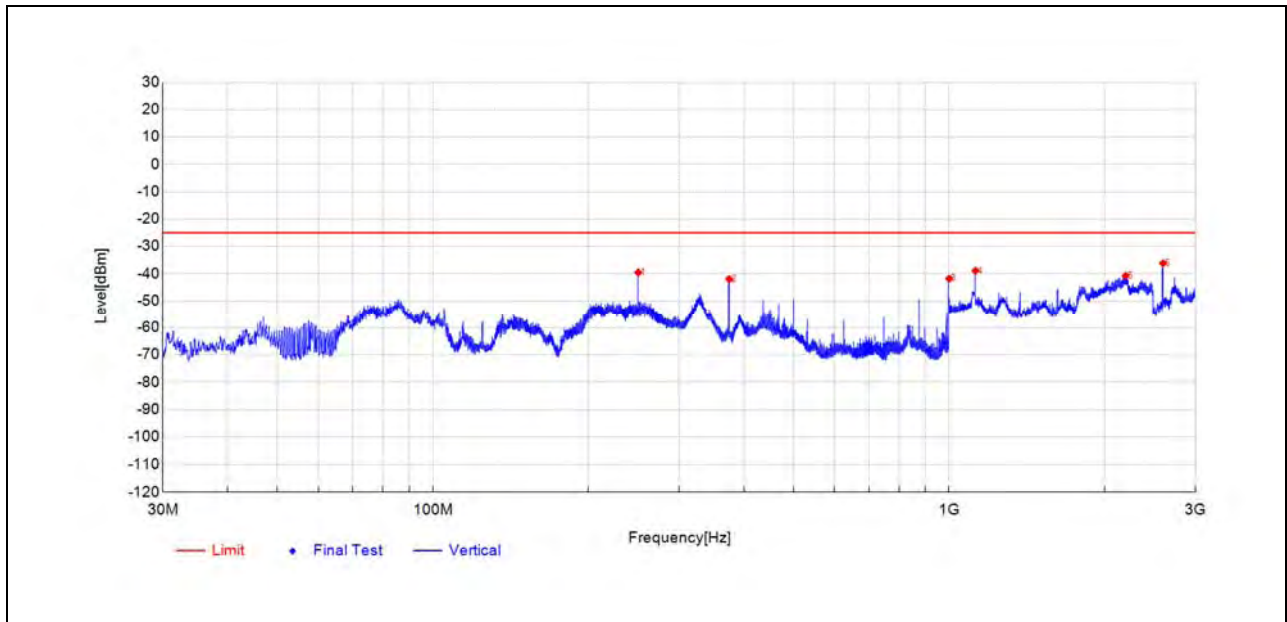
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-26.91	-40.74	-13.8	-25.0	15.7	Horizontal	PK	PASS
374.9978	-28.32	-42.92	-14.6	-25.0	17.9	Horizontal	PK	PASS
499.9885	-28.26	-41.64	-13.4	-25.0	16.6	Horizontal	PK	PASS
1000	-36.43	-41.61	-5.2	-25.0	16.6	Horizontal	PK	PASS
1124.825	-37.36	-41.04	-3.7	-25.0	16.0	Horizontal	PK	PASS
2596.3193	-44.01	-36.18	7.8	-	-	Horizontal	PK	NA



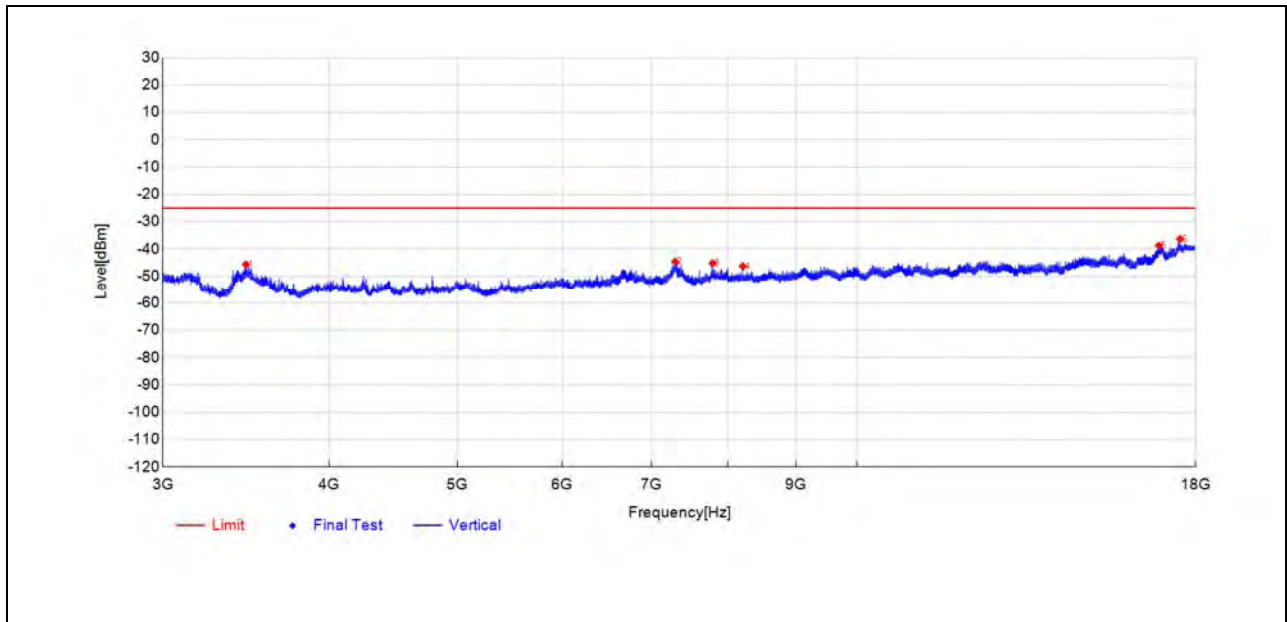
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3129.0043	-42.12	-44.73	-2.6	-25.0	19.7	Horizontal	PK	PASS
3439.0146	-41.58	-45.22	-3.6	-25.0	20.2	Horizontal	PK	PASS
7297.6433	-53.22	-45.20	8.0	-25.0	20.2	Horizontal	PK	PASS
7787.6596	-51.16	-44.42	6.7	-25.0	19.4	Horizontal	PK	PASS
11246.7749	-56.17	-44.10	12.1	-25.0	19.1	Horizontal	PK	PASS
14915.8972	-58.24	-41.75	16.5	-25.0	16.8	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

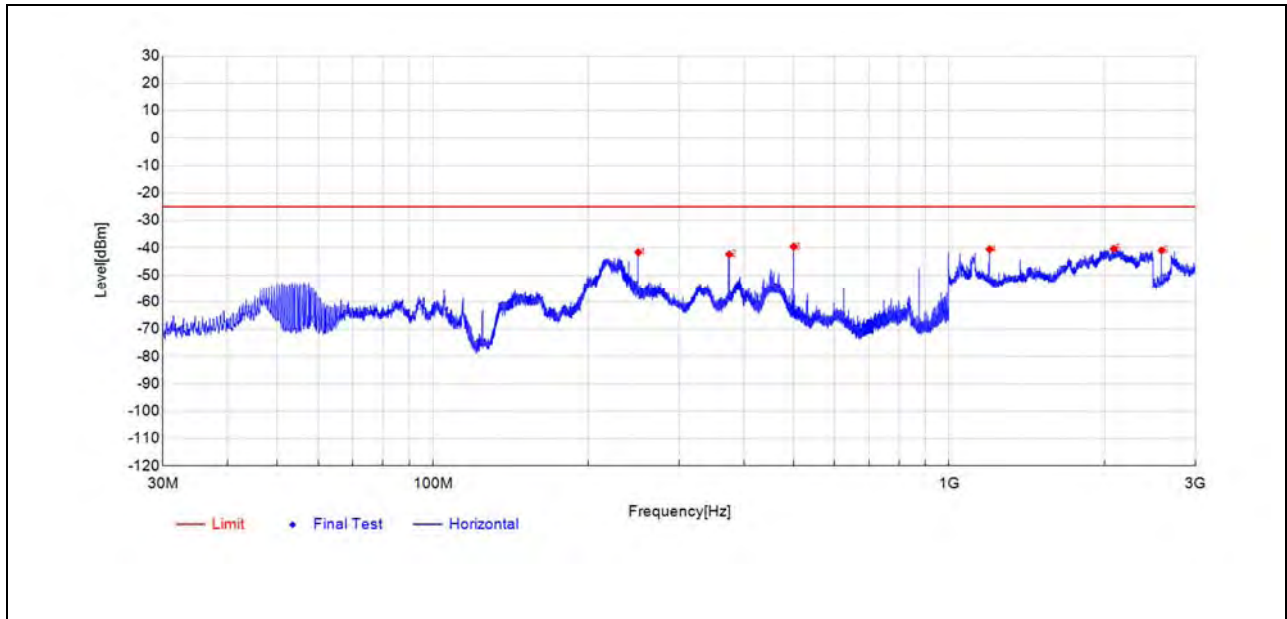
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.81	-39.55	-18.7	-25.0	14.6	Vertical	PK	PASS
374.9978	-26.00	-41.92	-15.9	-25.0	16.9	Vertical	PK	PASS
1000	-37.56	-41.80	-4.2	-25.0	16.8	Vertical	PK	PASS
1124.825	-35.39	-38.90	-3.5	-25.0	13.9	Vertical	PK	PASS
2197.4395	-43.88	-40.77	3.1	-25.0	15.8	Vertical	PK	PASS
2595.9192	-44.62	-36.18	8.4	-	-	Vertical	PK	NA



(Antenna Vertical, 3GHz to 18GHz)

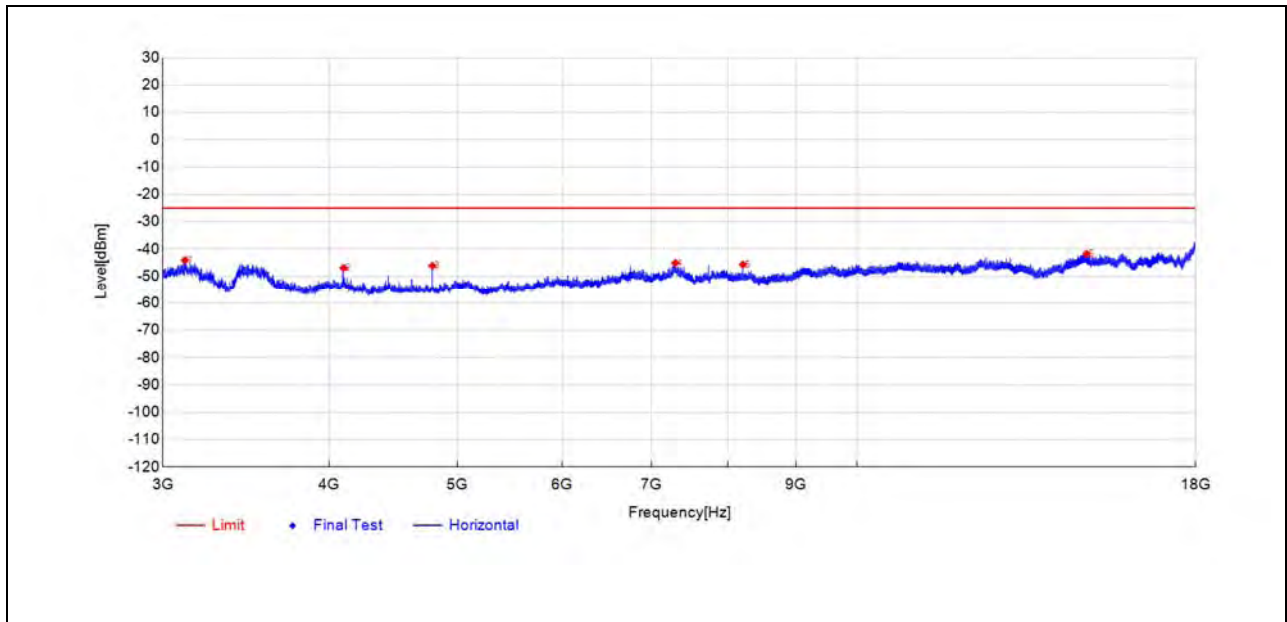
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3465.0155	-41.53	-45.65	-4.1	-25.0	20.7	Vertical	PK	PASS
7296.1432	-52.56	-44.60	8.0	-25.0	19.6	Vertical	PK	PASS
7788.1596	-51.50	-45.17	6.3	-25.0	20.2	Vertical	PK	PASS
8207.6736	-52.65	-46.32	6.3	-25.0	21.3	Vertical	PK	PASS
16896.4632	-59.70	-38.79	20.9	-25.0	13.8	Vertical	PK	PASS
17523.4841	-60.17	-36.33	23.8	-25.0	11.3	Vertical	PK	PASS

Plot for High Channel



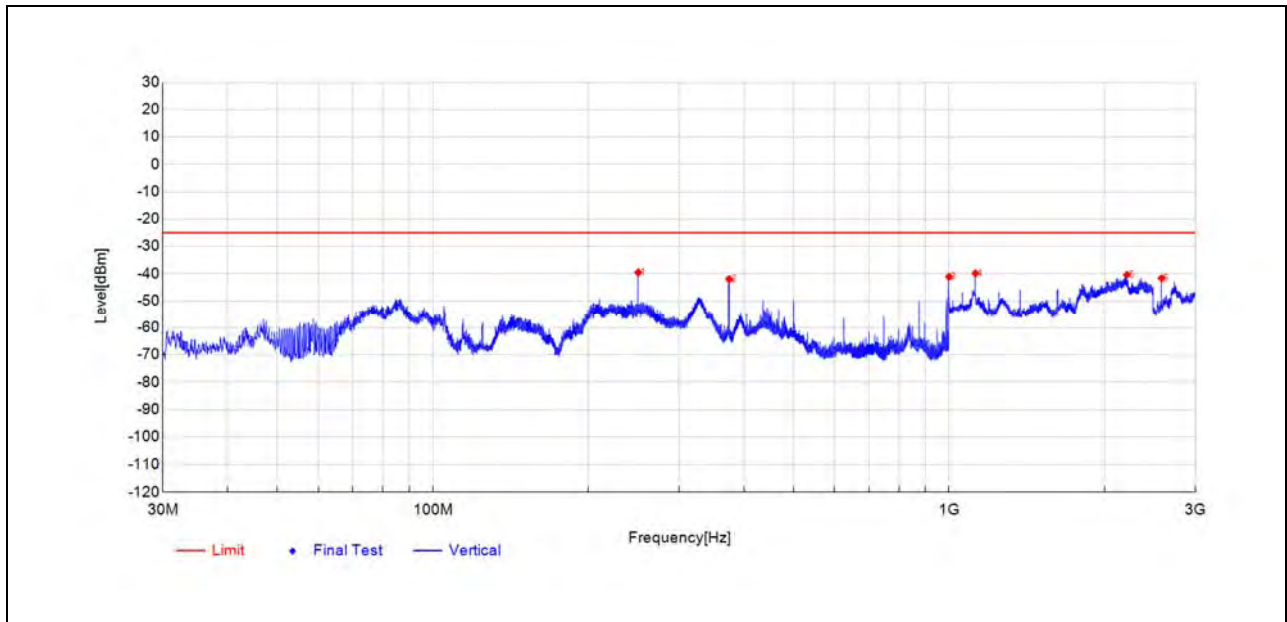
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.75	-41.58	-13.8	-25.0	16.6	Horizontal	PK	PASS
374.9978	-27.74	-42.34	-14.6	-25.0	17.3	Horizontal	PK	PASS
499.9885	-26.15	-39.53	-13.4	-25.0	14.5	Horizontal	PK	PASS
1198.0396	-38.24	-40.51	-2.3	-25.0	15.5	Horizontal	PK	PASS
2082.6165	-42.34	-40.32	2.0	-25.0	15.3	Horizontal	PK	PASS
2579.916	-48.44	-40.91	7.5	-	-	Horizontal	PK	NA



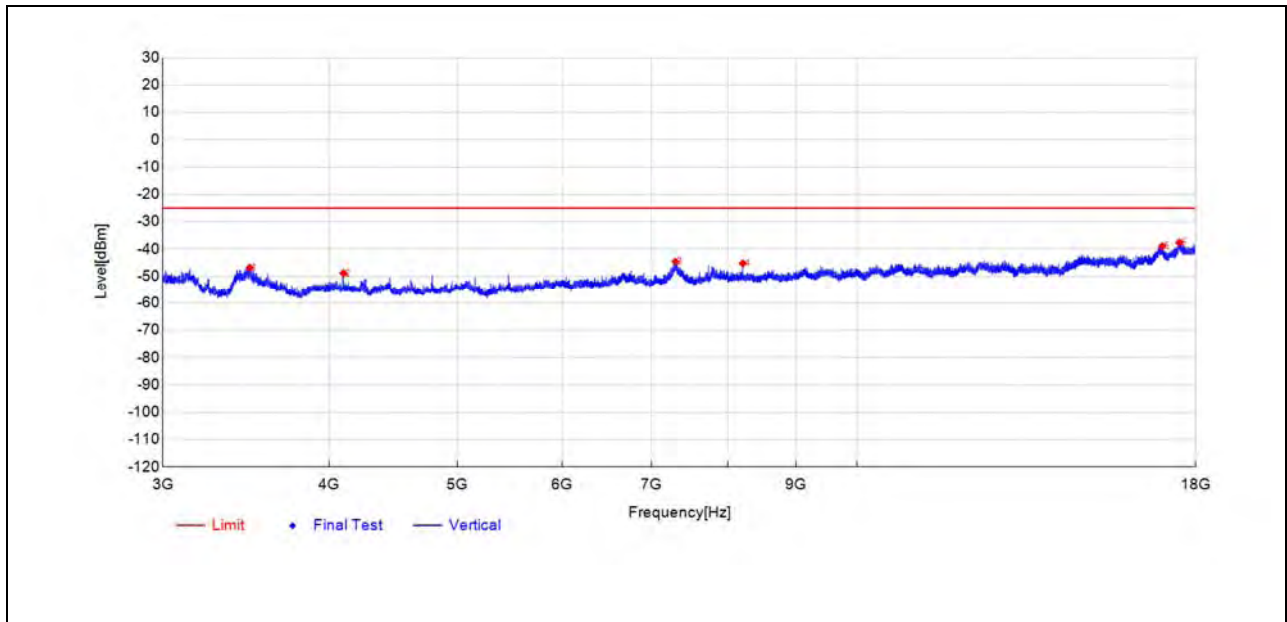
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3117.0039	-41.44	-44.03	-2.6	-25.0	19.0	Horizontal	PK	PASS
4104.0368	-44.78	-46.86	-2.1	-25.0	21.9	Horizontal	PK	PASS
4788.0596	-45.90	-46.13	-0.2	-25.0	21.1	Horizontal	PK	PASS
7299.1433	-53.10	-45.04	8.1	-25.0	20.0	Horizontal	PK	PASS
8208.1736	-52.80	-45.68	7.1	-25.0	20.7	Horizontal	PK	PASS
14902.8968	-58.32	-41.75	16.6	-25.0	16.8	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.78	-39.52	-18.7	-25.0	14.5	Vertical	PK	PASS
374.9978	-26.00	-41.92	-15.9	-25.0	16.9	Vertical	PK	PASS
1000	-35.75	-41.11	-5.4	-25.0	16.1	Vertical	PK	PASS
1124.825	-36.34	-39.85	-3.5	-25.0	14.9	Vertical	PK	PASS
2211.4423	-43.44	-40.40	3.0	-25.0	15.4	Vertical	PK	PASS
2579.916	-49.53	-41.62	7.9	-	-	Vertical	PK	NA

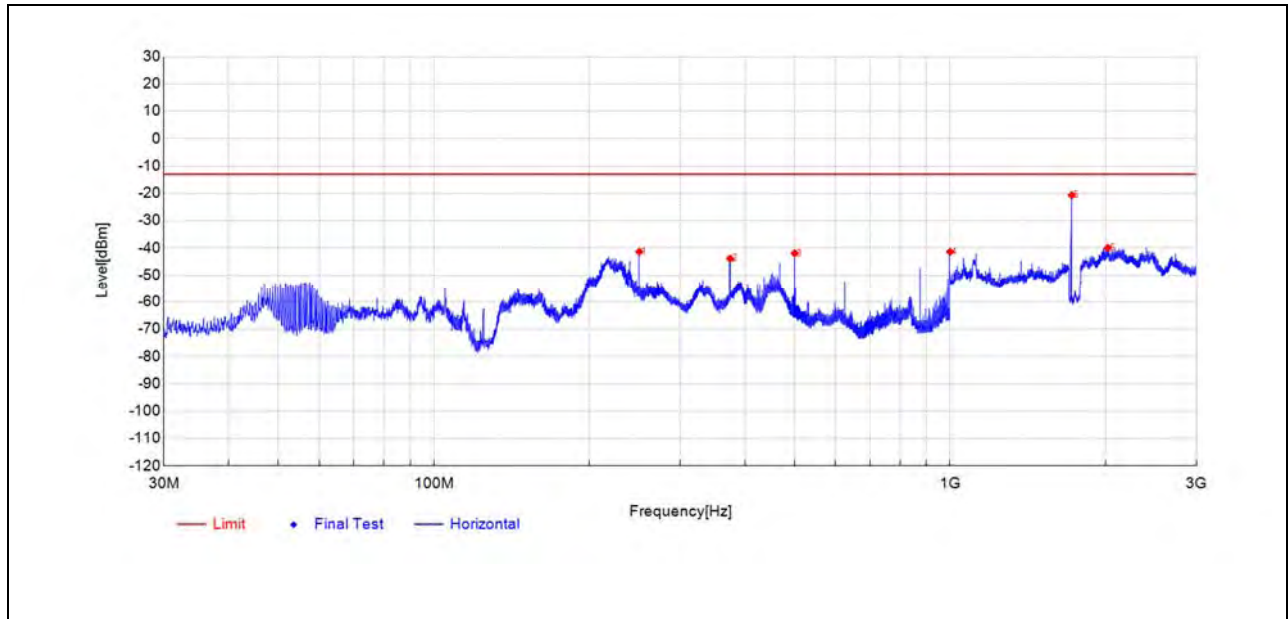


(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3487.5163	-42.38	-46.79	-4.4	-25.0	21.8	Vertical	PK	PASS
4104.0368	-46.17	-48.83	-2.7	-25.0	23.8	Vertical	PK	PASS
7300.6434	-52.67	-44.58	8.1	-25.0	19.6	Vertical	PK	PASS
8207.6736	-51.53	-45.20	6.3	-25.0	20.2	Vertical	PK	PASS
16992.9664	-60.64	-38.96	21.7	-25.0	14.0	Vertical	PK	PASS
17502.9834	-61.78	-37.61	24.2	-25.0	12.6	Vertical	PK	PASS

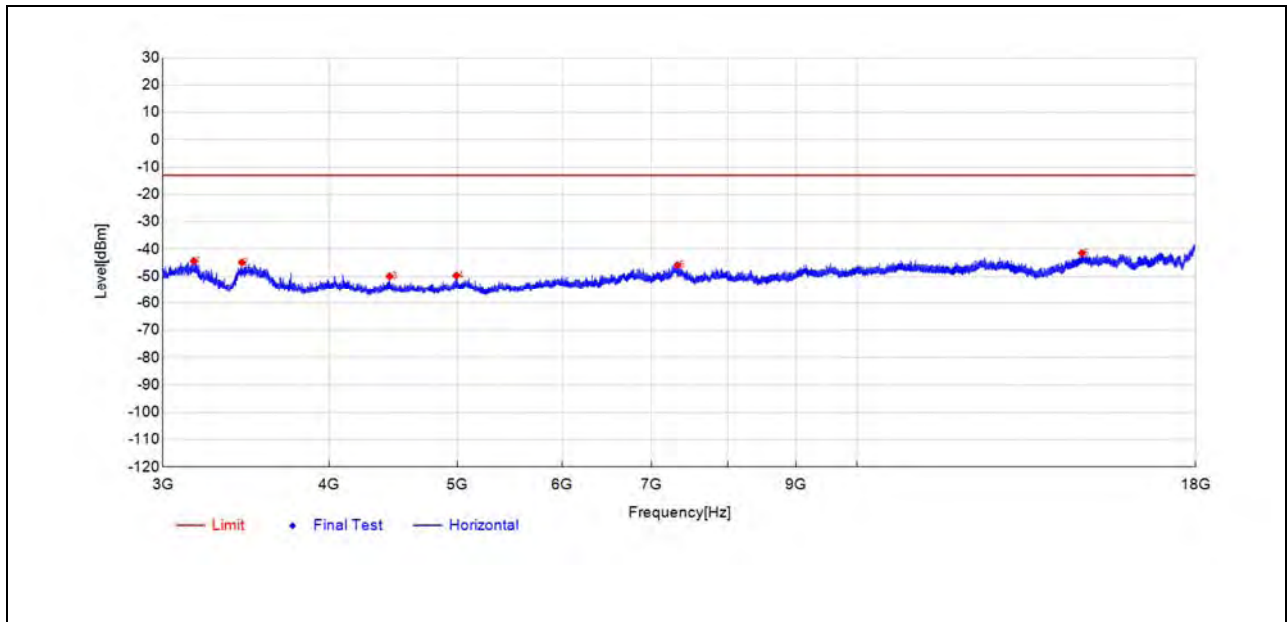
**LTE Band 66**

Plot for Low Channel



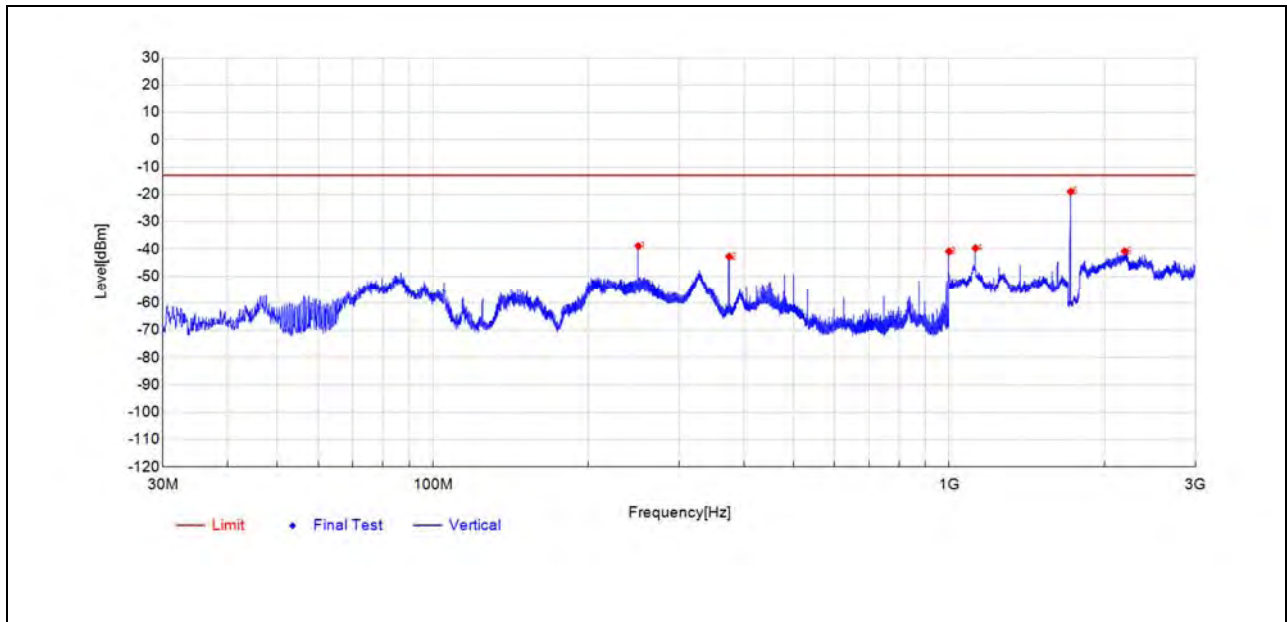
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.51	-41.34	-13.8	-13.0	28.3	Horizontal	PK	PASS
374.9978	-29.26	-43.86	-14.6	-13.0	30.9	Horizontal	PK	PASS
499.9885	-28.53	-41.91	-13.4	-13.0	28.9	Horizontal	PK	PASS
1000	-35.97	-41.36	-5.4	-13.0	28.4	Horizontal	PK	PASS
1720.144	-21.65	-20.70	1.0	-	-	Horizontal	PK	NA
2020.204	-40.36	-39.93	0.4	-13.0	26.9	Horizontal	PK	PASS



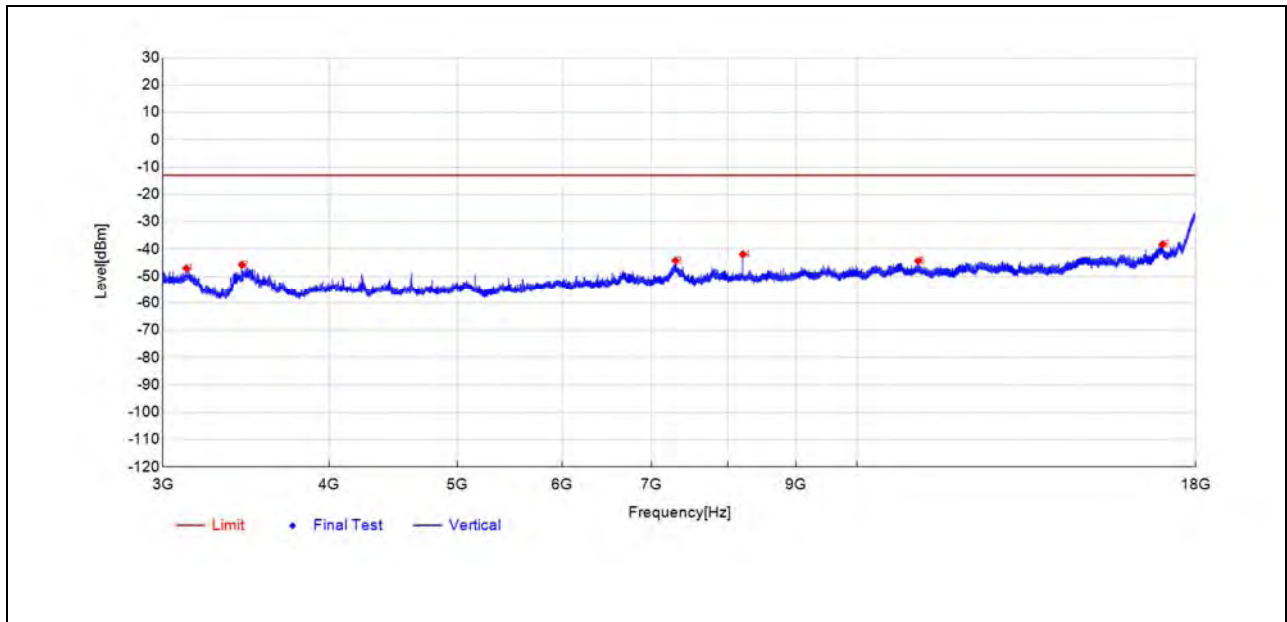
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3165.0055	-41.58	-44.36	-2.8	-13.0	31.4	Horizontal	PK	PASS
3440.0147	-41.20	-44.83	-3.6	-13.0	31.8	Horizontal	PK	PASS
4446.0482	-49.76	-49.94	-0.2	-13.0	36.9	Horizontal	PK	PASS
4991.0664	-51.26	-49.68	1.6	-13.0	36.7	Horizontal	PK	PASS
7325.1442	-53.65	-45.86	7.8	-13.0	32.9	Horizontal	PK	PASS
14779.3926	-57.79	-41.42	16.4	-13.0	28.4	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

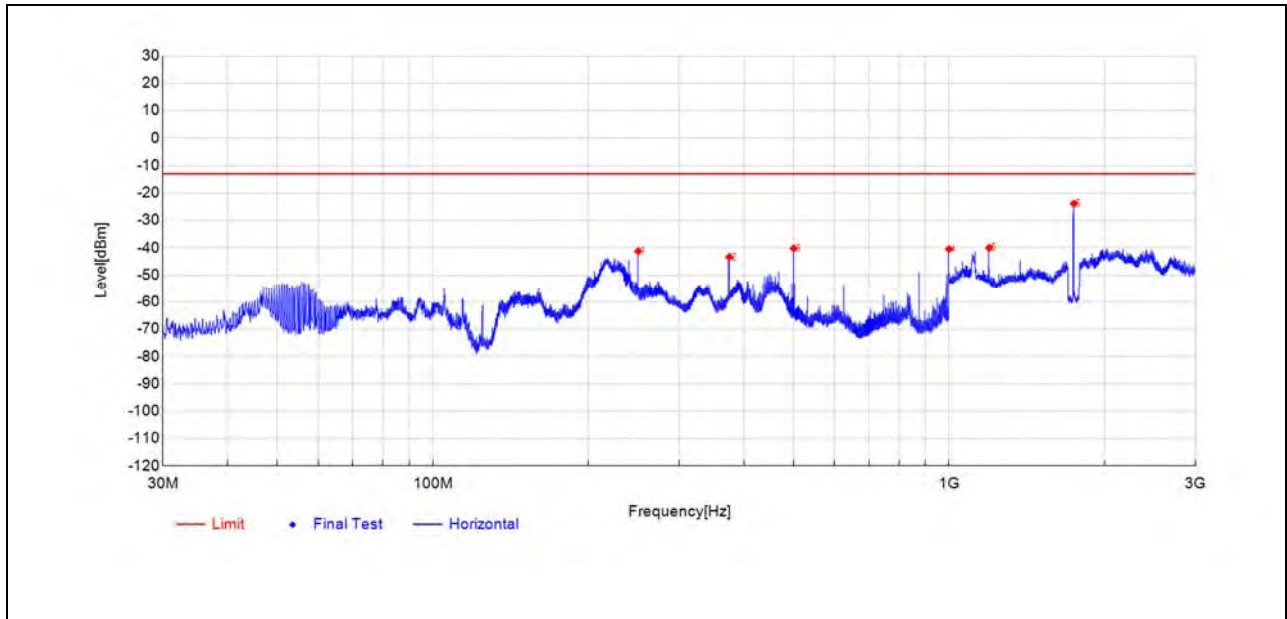
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-20.15	-38.89	-18.7	-13.0	25.9	Vertical	PK	PASS
374.9978	-26.78	-42.70	-15.9	-13.0	29.7	Vertical	PK	PASS
1000	-35.25	-40.82	-5.6	-13.0	27.8	Vertical	PK	PASS
1124.825	-36.16	-39.63	-3.5	-13.0	26.6	Vertical	PK	PASS
1720.144	-19.03	-19.00	0.0	-	-	Vertical	PK	NA
2188.2376	-43.76	-40.79	3.0	-13.0	27.8	Vertical	PK	PASS



(Antenna Vertical, 3GHz to 18GHz)

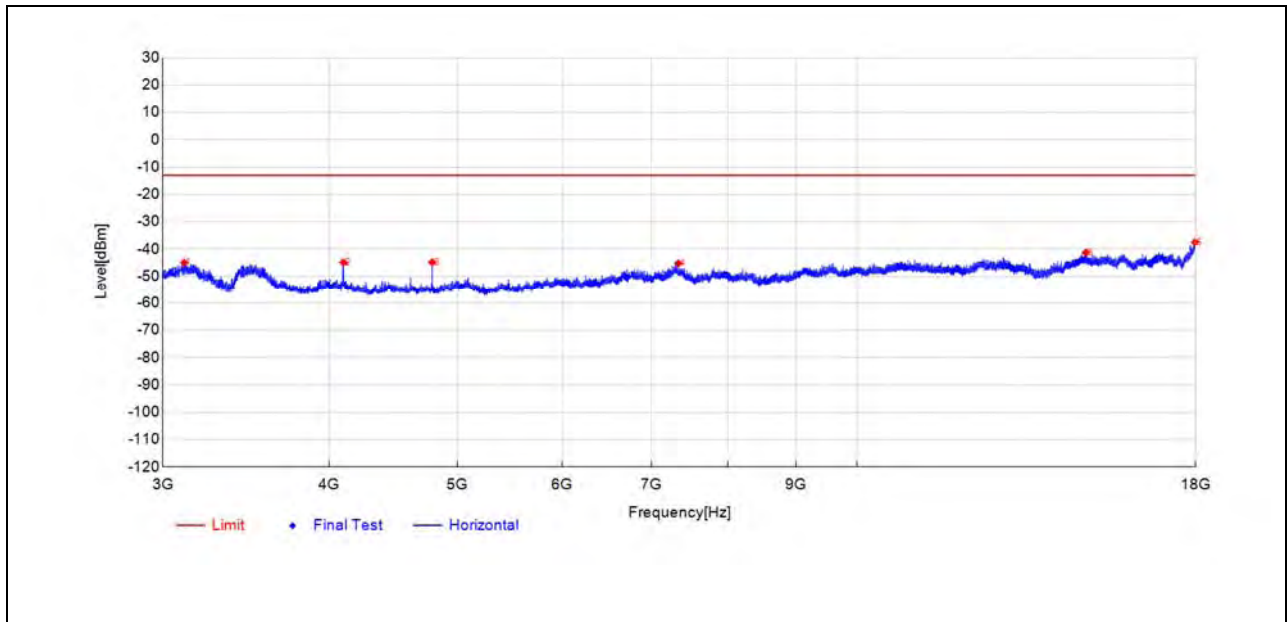
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3125.0042	-43.45	-47.05	-3.6	-13.0	34.1	Vertical	PK	PASS
3440.0147	-41.71	-45.66	-4.0	-13.0	32.7	Vertical	PK	PASS
7299.6433	-52.27	-44.18	8.1	-13.0	31.2	Vertical	PK	PASS
8207.6736	-48.22	-41.89	6.3	-13.0	28.9	Vertical	PK	PASS
11123.2708	-56.15	-44.34	11.8	-13.0	31.3	Vertical	PK	PASS
16996.9666	-59.97	-38.26	21.7	-13.0	25.3	Vertical	PK	PASS

Plot for Mid Channel



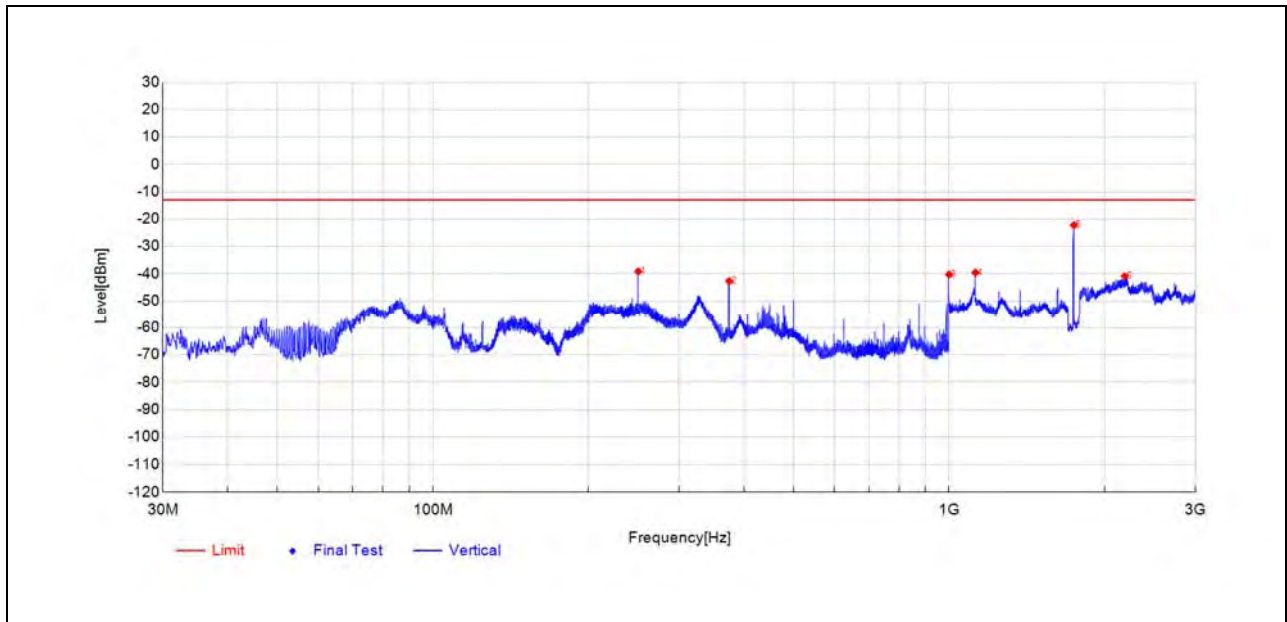
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
249.9585	-27.36	-41.18	-13.8	-13.0	28.2	Horizontal	PK	PASS
374.9978	-28.73	-43.33	-14.6	-13.0	30.3	Horizontal	PK	PASS
500.037	-26.78	-40.16	-13.4	-13.0	27.2	Horizontal	PK	PASS
1000	-35.01	-40.40	-5.4	-13.0	27.4	Horizontal	PK	PASS
1196.0392	-37.77	-39.99	-2.2	-13.0	27.0	Horizontal	PK	PASS
1744.949	-25.69	-23.87	1.8	-	-	Horizontal	PK	NA



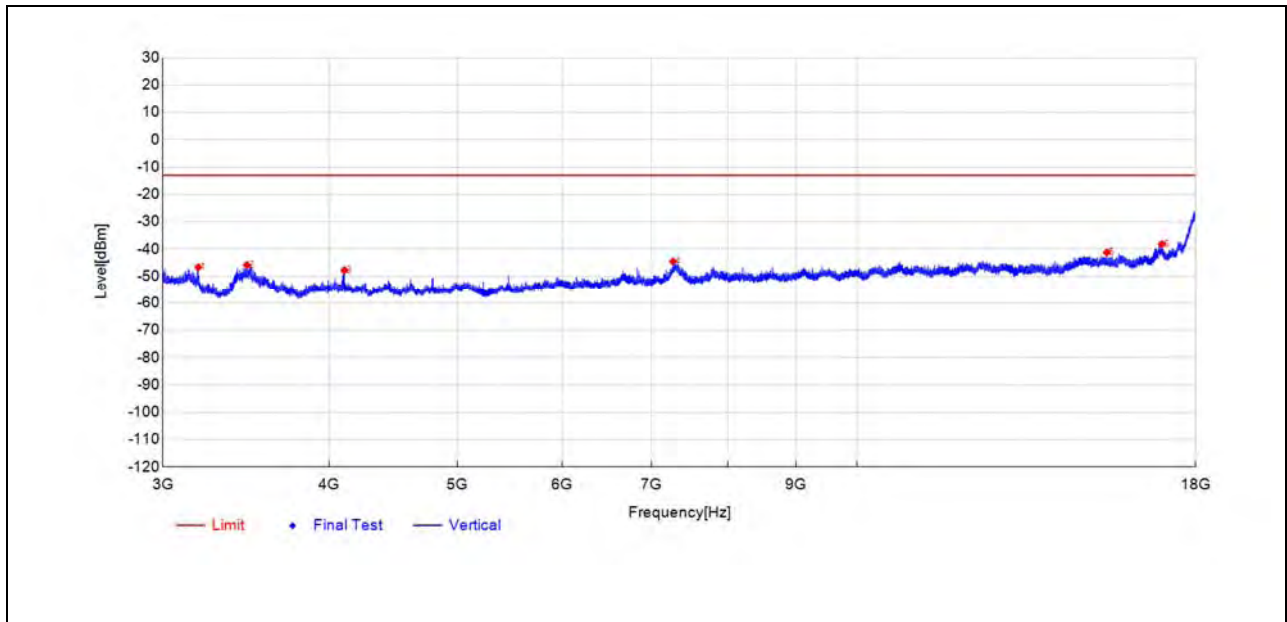
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3112.5038	-42.32	-44.91	-2.6	-13.0	31.9	Horizontal	PK	PASS
4103.5368	-42.76	-44.85	-2.1	-13.0	31.9	Horizontal	PK	PASS
4787.5596	-44.57	-44.80	-0.2	-13.0	31.8	Horizontal	PK	PASS
7337.6446	-52.84	-45.20	7.6	-13.0	32.2	Horizontal	PK	PASS
14881.396	-57.86	-41.29	16.6	-13.0	28.3	Horizontal	PK	PASS
17988.4996	-60.93	-37.52	23.4	-13.0	24.5	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

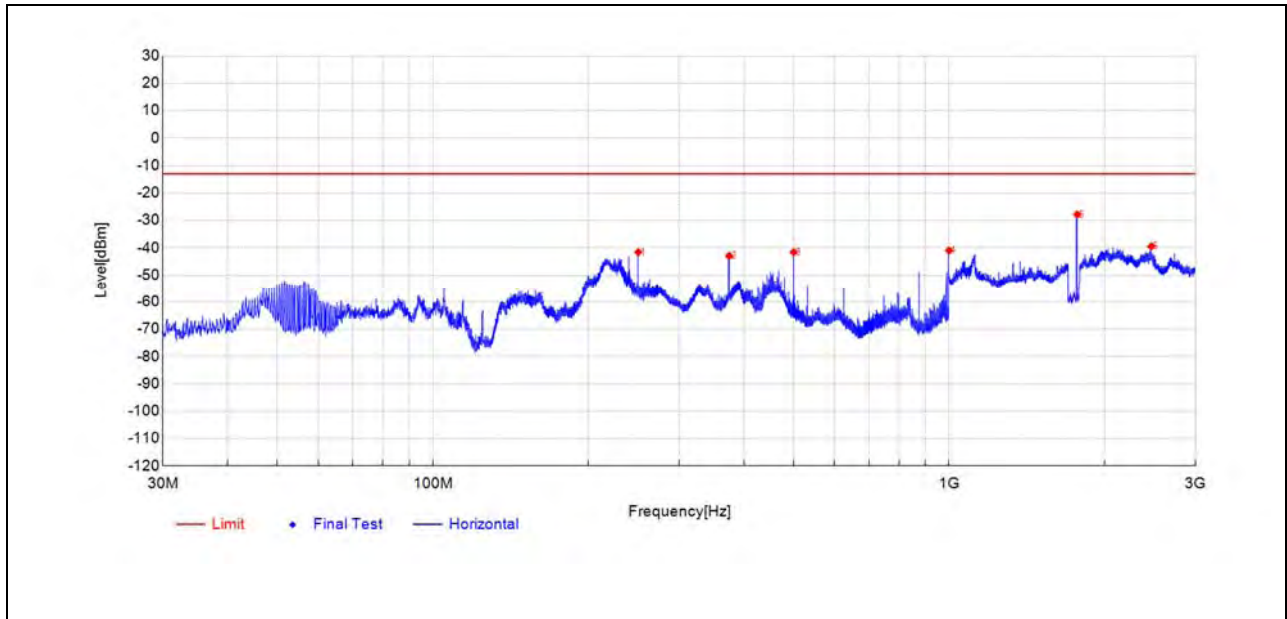
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-20.43	-39.17	-18.7	-13.0	26.2	Vertical	PK	PASS
374.9978	-26.77	-42.69	-15.9	-13.0	29.7	Vertical	PK	PASS
1000	-34.68	-40.25	-5.6	-13.0	27.3	Vertical	PK	PASS
1124.825	-36.12	-39.59	-3.5	-13.0	26.6	Vertical	PK	PASS
1744.949	-23.08	-22.25	0.8	-	-	Vertical	PK	NA
2188.2376	-43.85	-40.88	3.0	-13.0	27.9	Vertical	PK	PASS



(Antenna Vertical, 3GHz to 18GHz)

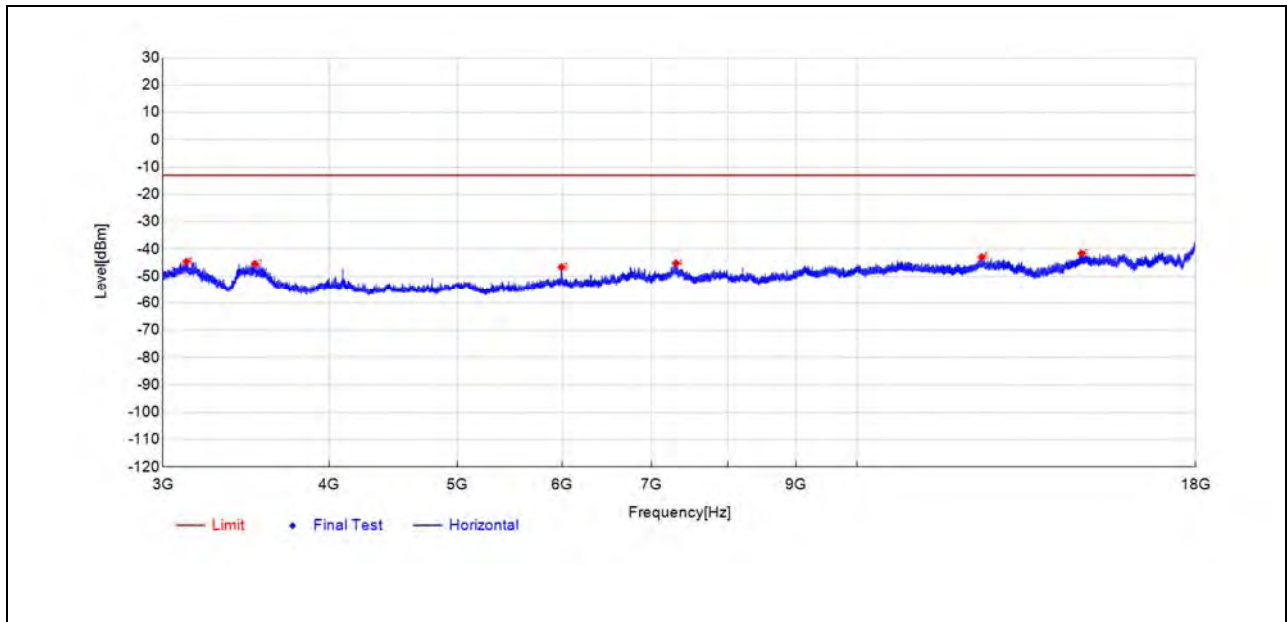
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3190.5064	-43.04	-46.62	-3.6	-13.0	33.6	Vertical	PK	PASS
3470.5157	-41.62	-45.80	-4.2	-13.0	32.8	Vertical	PK	PASS
4111.037	-45.17	-47.73	-2.6	-13.0	34.7	Vertical	PK	PASS
7270.6424	-51.63	-44.53	7.1	-13.0	31.5	Vertical	PK	PASS
15434.4145	-57.62	-41.19	16.4	-13.0	28.2	Vertical	PK	PASS
16983.4661	-59.75	-38.15	21.6	-13.0	25.2	Vertical	PK	PASS

Plot for High Channel



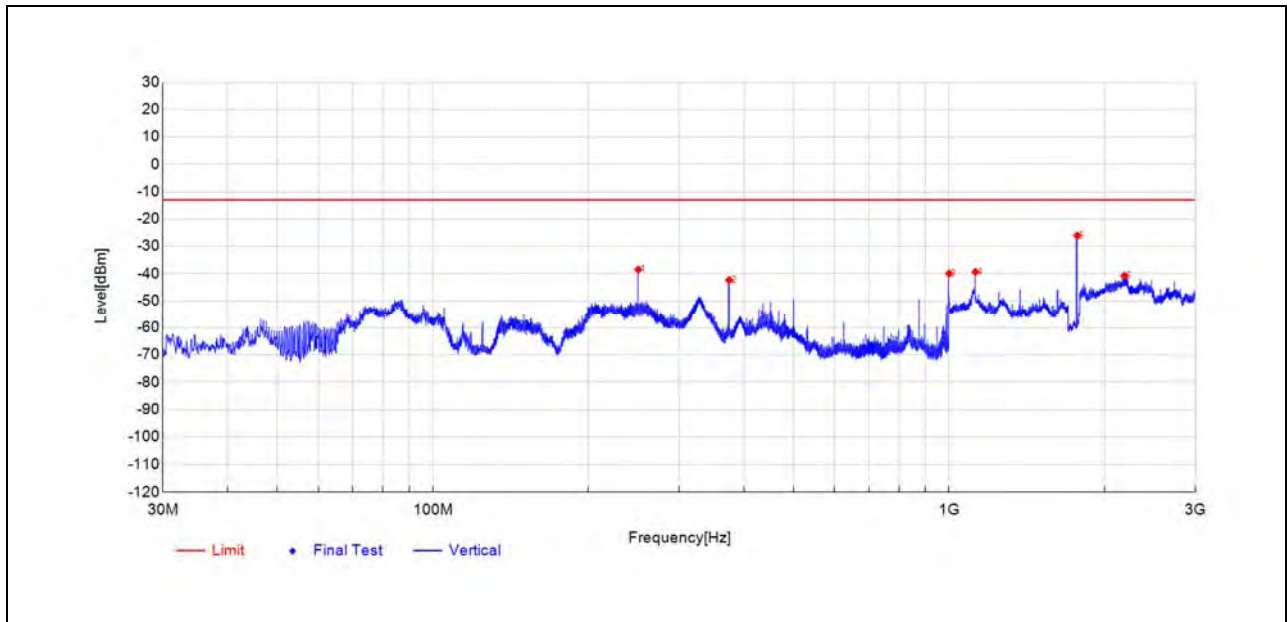
(Antenna Horizontal, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-27.70	-41.53	-13.8	-13.0	28.5	Horizontal	PK	PASS
374.9492	-28.25	-42.86	-14.6	-13.0	29.9	Horizontal	PK	PASS
499.9885	-28.15	-41.53	-13.4	-13.0	28.5	Horizontal	PK	PASS
1000	-35.55	-40.94	-5.4	-13.0	27.9	Horizontal	PK	PASS
1770.154	-29.27	-27.84	1.4	-	-	Horizontal	PK	NA
2463.8928	-45.77	-39.44	6.3	-13.0	26.4	Horizontal	PK	PASS



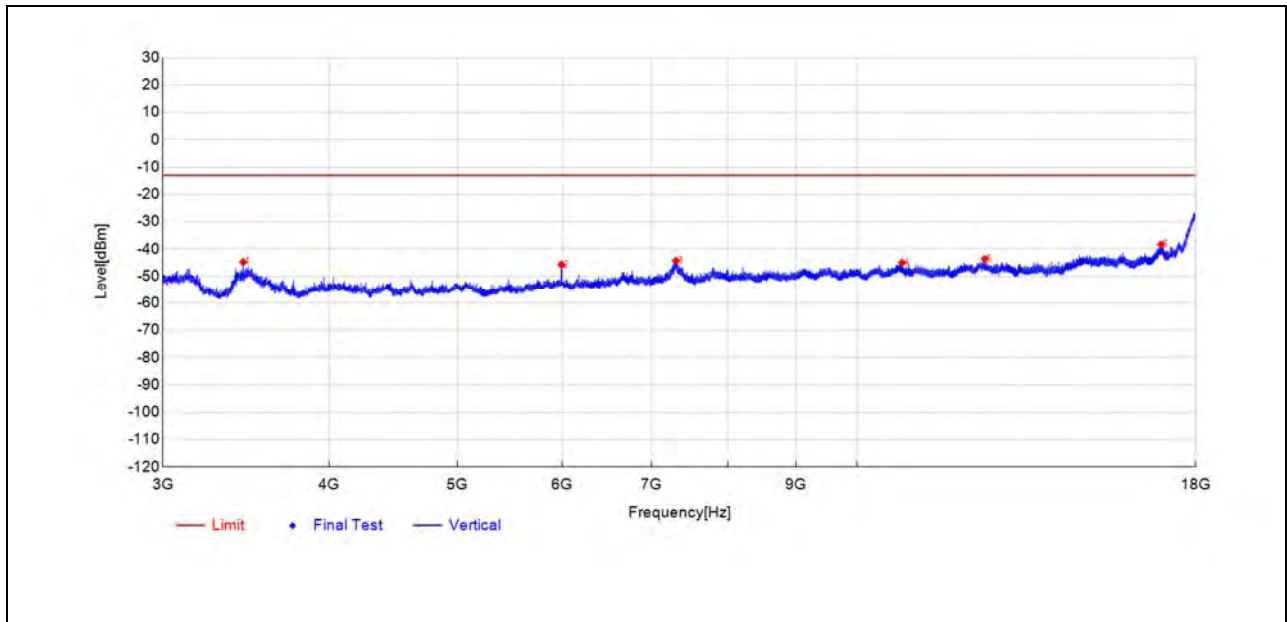
(Antenna Horizontal, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3125.0042	-41.98	-44.58	-2.6	-13.0	31.6	Horizontal	PK	PASS
3518.5173	-41.26	-45.36	-4.1	-13.0	32.4	Horizontal	PK	PASS
5991.5997	-51.11	-46.59	4.5	-13.0	33.6	Horizontal	PK	PASS
7307.1436	-53.13	-45.13	8.0	-13.0	32.1	Horizontal	PK	PASS
12422.8141	-57.80	-42.94	14.9	-13.0	29.9	Horizontal	PK	PASS
14772.8924	-57.90	-41.55	16.4	-13.0	28.6	Horizontal	PK	PASS



(Antenna Vertical, 30MHz to 3GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
250.007	-19.74	-38.48	-18.7	-13.0	25.5	Vertical	PK	PASS
374.9978	-26.40	-42.32	-15.9	-13.0	29.3	Vertical	PK	PASS
1000	-34.36	-39.93	-5.6	-13.0	26.9	Vertical	PK	PASS
1124.825	-35.88	-39.35	-3.5	-13.0	26.4	Vertical	PK	PASS
1770.154	-27.41	-26.06	1.4	-	-	Vertical	PK	NA
2185.037	-43.74	-40.76	3.0	-13.0	27.8	Vertical	PK	PASS



(Antenna Vertical, 3GHz to 18GHz)

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
3448.515	-40.79	-44.71	-3.9	-13.0	31.7	Vertical	PK	PASS
5990.0997	-49.88	-45.69	4.2	-13.0	32.7	Vertical	PK	PASS
7307.1436	-52.21	-44.22	8.0	-13.0	31.2	Vertical	PK	PASS
10819.7607	-56.75	-44.98	11.8	-13.0	32.0	Vertical	PK	PASS
12487.3162	-57.53	-43.62	13.9	-13.0	30.6	Vertical	PK	PASS
16957.4652	-59.70	-38.29	21.4	-13.0	25.3	Vertical	PK	PASS



Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test Items	Uncertainty
Radiated Spurious Emissions	± 6 dB

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.1-3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



4. Test Equipments Utilized

4.1 List of Software Used

Description	Manufacturer	Software Version
JS36-RSE	Tonscend	5.0.0

4.2 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
System Simulator	152038	CMW500	R&S	2025.09.03	2026.09.02
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna – Loop	FMZB 1519	1519-022	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna - Bi-Log	9163-274	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna - Horn	BBHA9170	BBHA9170#773	Schwarzbeck	2025.06.20	2026.06.19
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2025.09.03	2026.09.02
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2025.05.13	2026.05.12
Notch Filter	N/A	WRCGV	Wainwright	N/A	N/A



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		-LTE B4			
Notch Filter	N/A	WRCGV -LTE B5	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B7	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B12	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE 13	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B25	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B38	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B41	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B66	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18



Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:
 - ☒ Morlab issues a statement of conformity based on the corresponding standards (default)
 - ☐ Morlab issues a statement of conformity based on the applicant requirement
6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).

_____ END OF REPORT _____