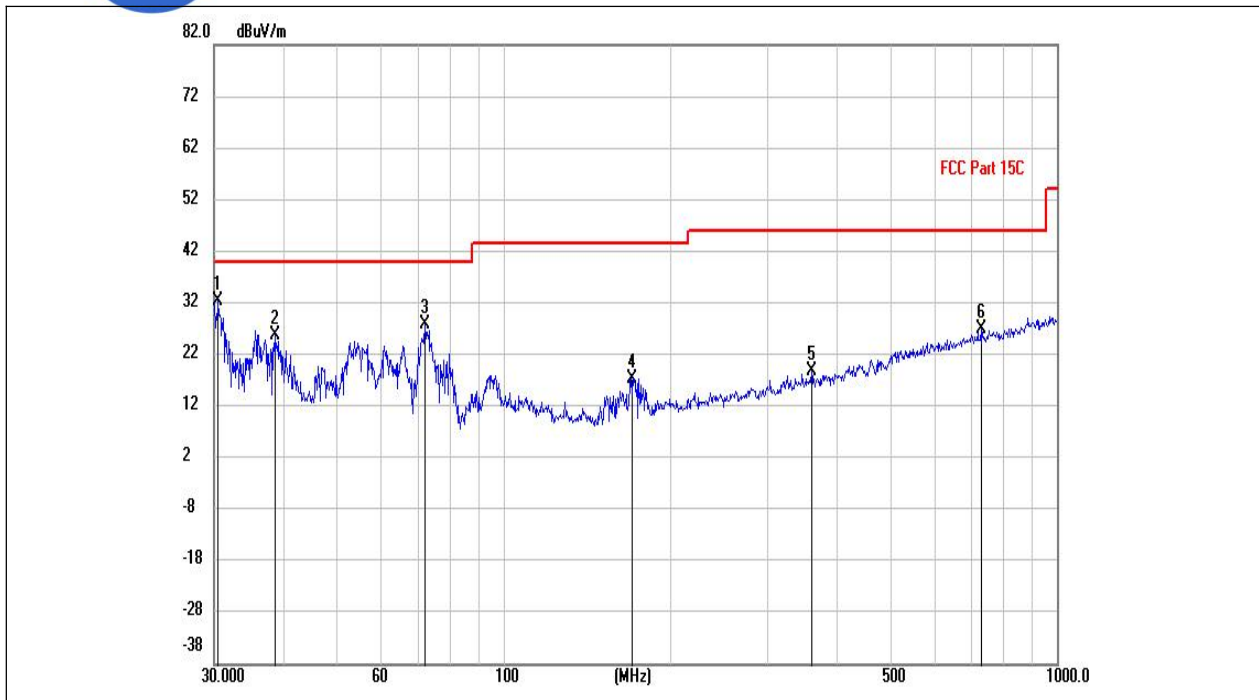
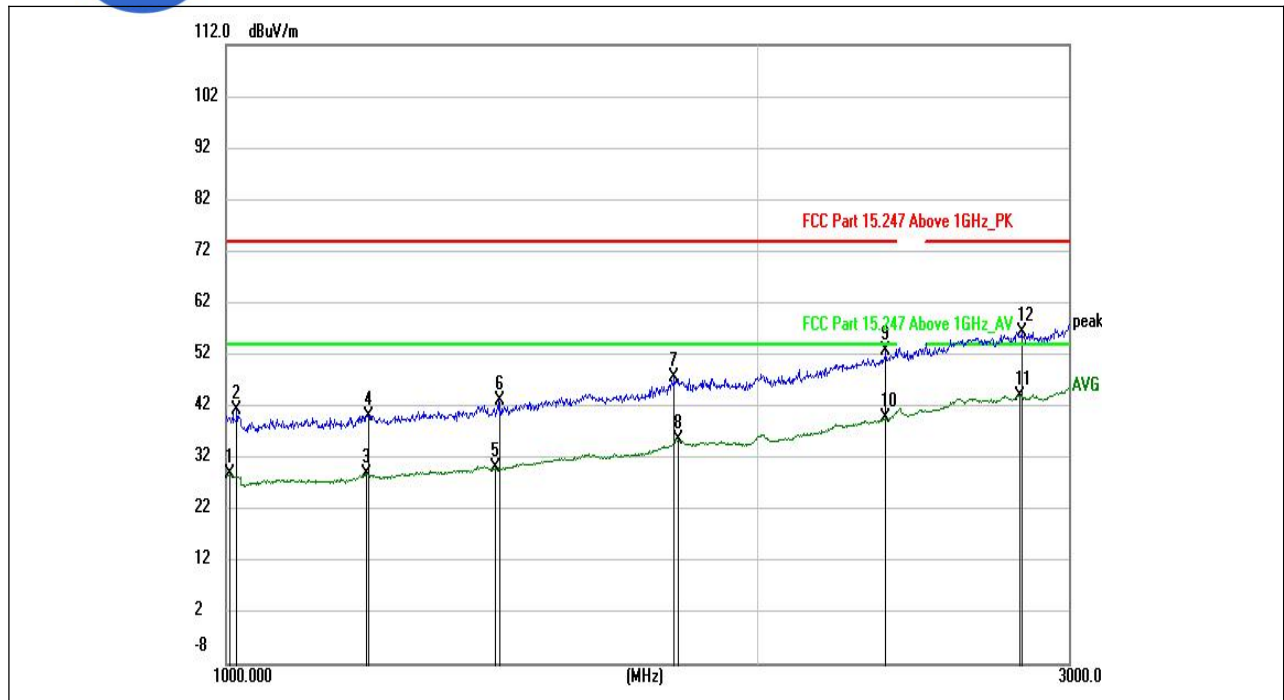




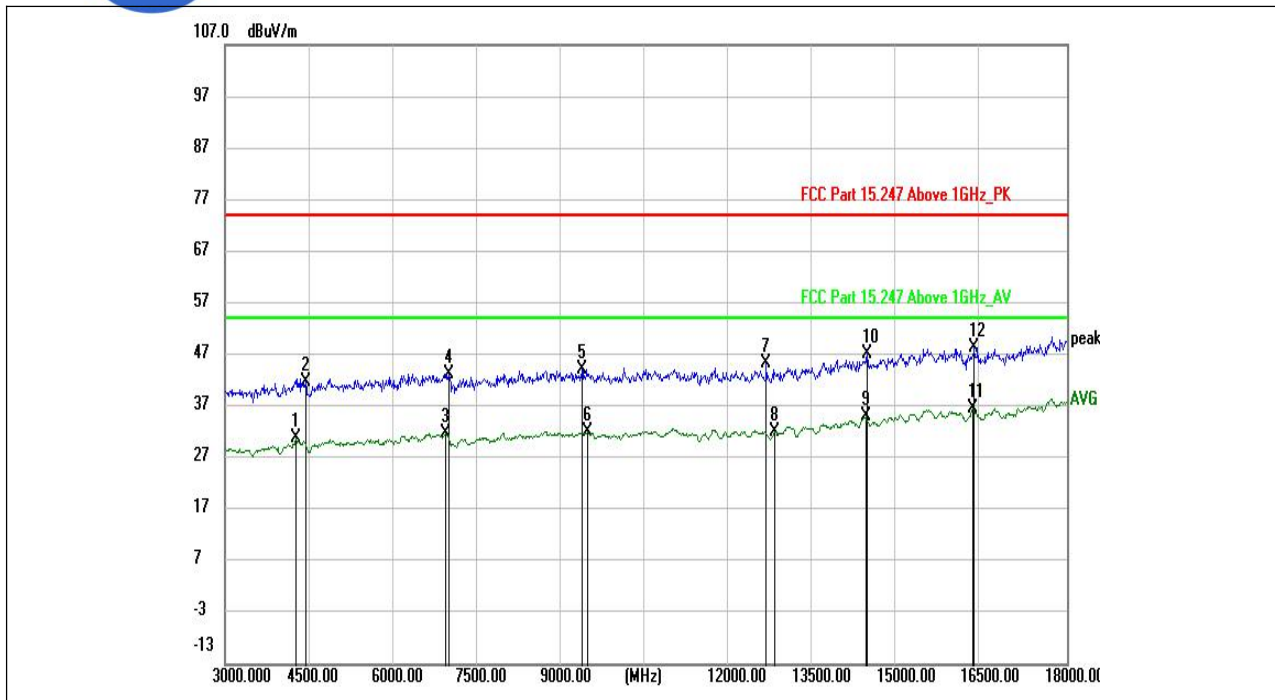
(LE 2M PHY _2480MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.5306	32.44	40.00	7.56	V	12.95
38.6161	25.89	40.00	14.11	V	14.11
72.0843	27.84	40.00	12.16	V	10.55
170.1948	17.46	43.50	26.04	V	12.44
360.4477	18.70	46.00	27.30	V	18.55
729.3583	26.83	46.00	19.17	V	25.36



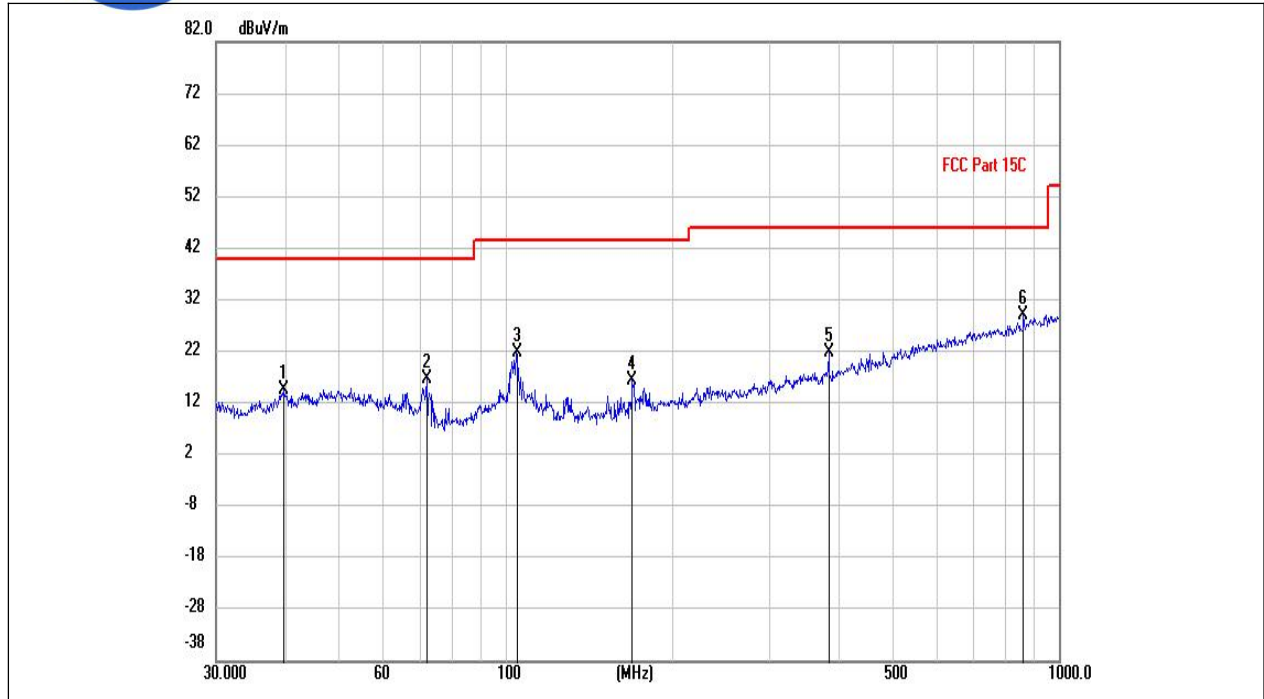
(LE 2M PHY _2480MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1005.508	---	28.81	54.00	25.19	V	28.49
1014.384	41.28	---	74.00	32.72	V	28.08
1200.058	---	28.87	54.00	25.13	V	30.70
1204.019	40.15	---	74.00	33.85	V	30.50
1419.717	---	30.12	54.00	23.88	V	31.31
1427.537	43.08	---	74.00	30.92	V	31.41
1794.025	47.74	---	74.00	26.26	V	36.28
1801.926	---	35.49	54.00	18.51	V	36.65
2363.665	52.85	---	74.00	21.15	V	40.08
2363.665	---	39.82	54.00	14.18	V	40.08
2811.714	---	44.06	54.00	9.94	V	43.72
2820.996	56.46	---	74.00	17.54	V	43.05



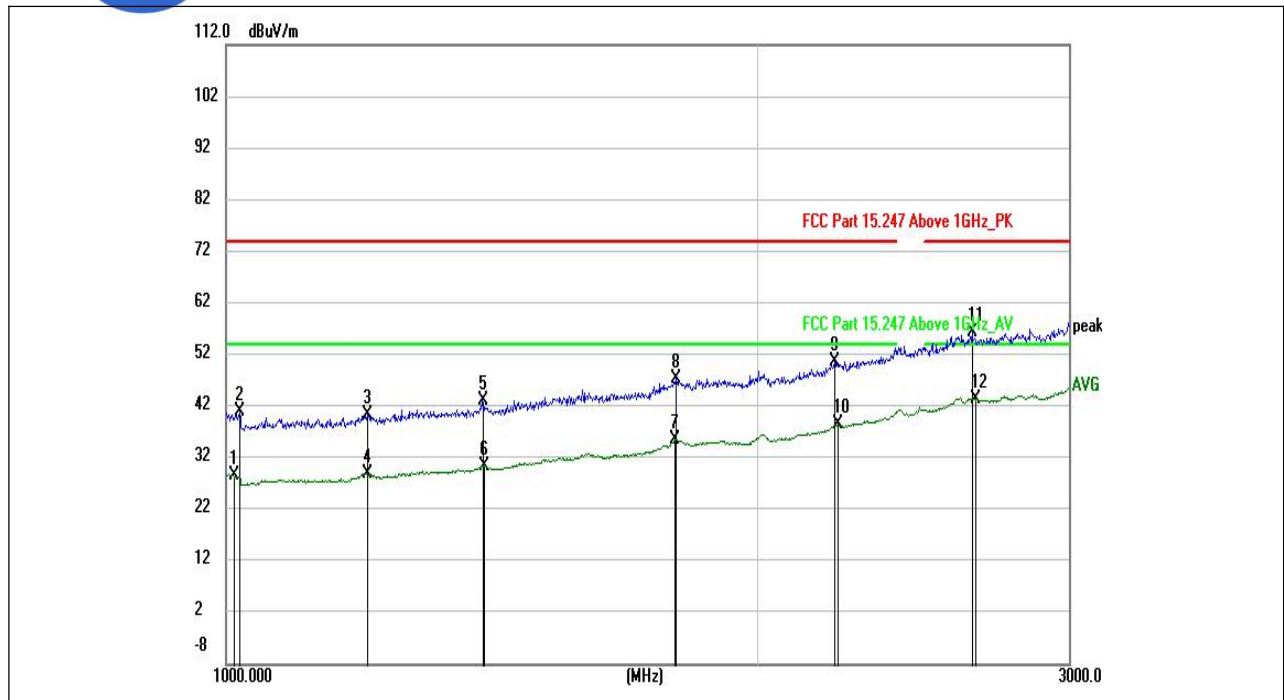
(LE 1M PHY _2480MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
4260.000	---	30.79	54.00	23.21	V	-3.57
4440.000	41.71	---	74.00	32.29	V	-3.72
6930.000	---	31.65	54.00	22.35	V	-0.61
6990.000	43.28	---	74.00	30.72	V	-0.71
9360.000	44.07	---	74.00	29.93	V	1.84
9465.000	---	31.97	54.00	22.03	V	2.03
12645.000	45.20	---	74.00	28.80	V	4.90
12795.000	---	32.16	54.00	21.84	V	4.95
14415.000	---	35.05	54.00	18.95	V	9.48
14445.000	47.30	---	74.00	26.70	V	9.27
16320.000	---	36.54	54.00	17.46	V	11.74
16350.000	48.40	---	74.00	25.60	V	11.52



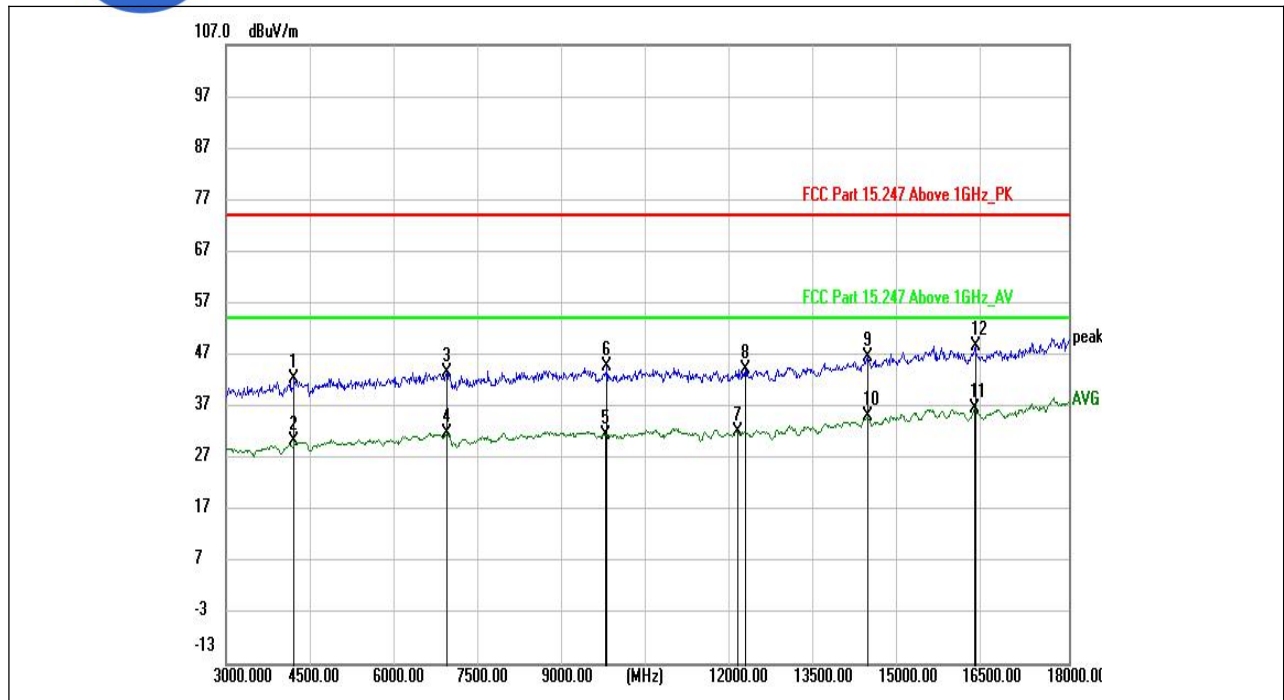
(LE code_2402MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
39.8542	14.52	40.00	25.48	H	15.48
72.0843	16.58	40.00	23.42	H	10.55
104.5361	21.89	43.50	21.61	H	14.22
169.5990	16.53	43.50	26.97	H	12.39
383.9318	21.74	46.00	24.26	H	18.74
863.0562	29.10	46.00	16.90	H	26.95



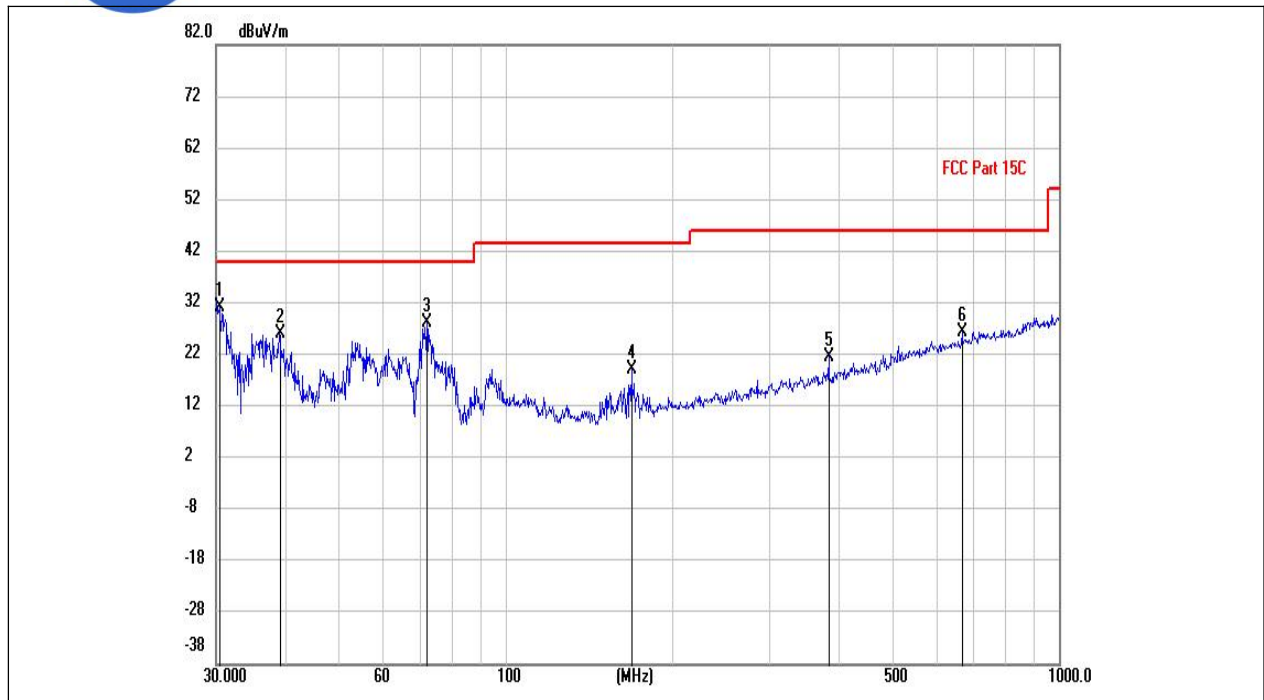
(LE Code _2402MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1009.937	---	28.64	54.00	25.36	H	28.33
1017.733	40.90	---	74.00	33.10	H	27.89
1202.697	40.31	---	74.00	33.69	H	30.57
1202.697	---	29.06	54.00	24.94	H	30.57
1396.513	43.15	---	74.00	30.85	H	31.86
1399.584	---	30.59	54.00	23.41	H	31.99
1795.997	---	35.59	54.00	18.41	H	36.48
1797.971	47.36	---	74.00	26.64	H	36.63
2210.454	50.58	---	74.00	23.42	H	39.05
2220.189	---	38.54	54.00	15.46	H	39.11
2643.944	56.44	---	74.00	17.56	H	43.28
2655.589	---	43.50	54.00	10.50	H	43.25



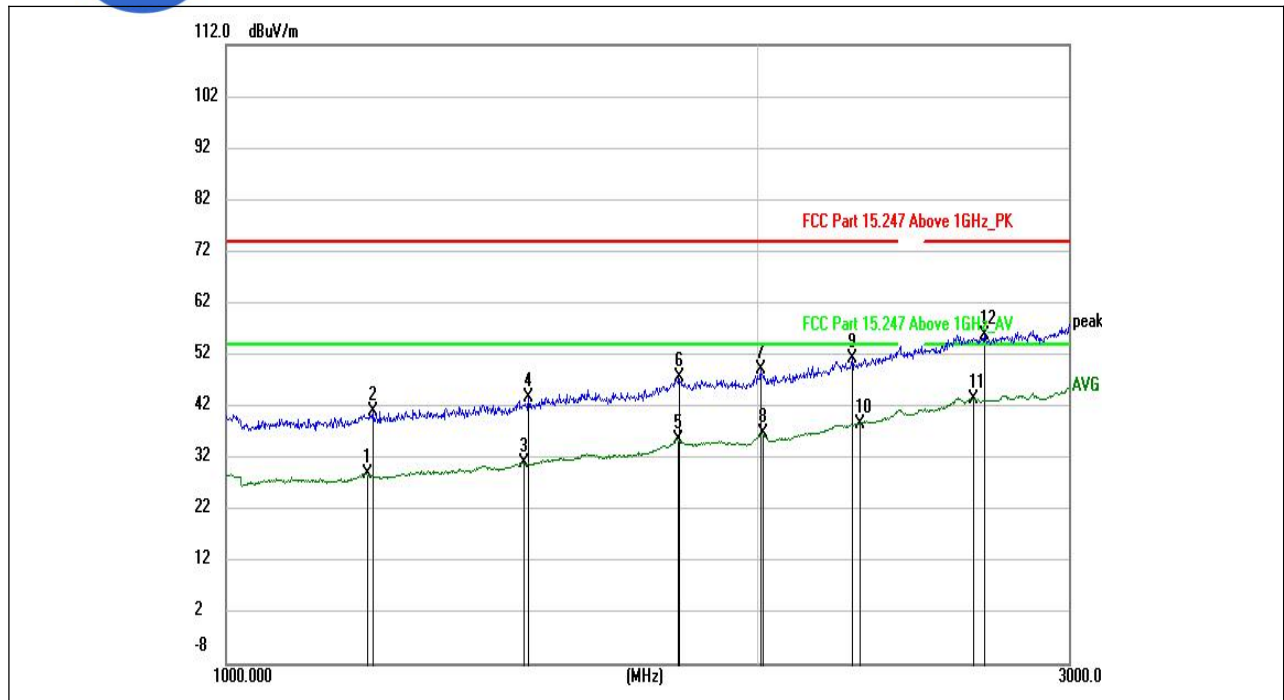
(LE Code _2402MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
4215.000	42.27	---	74.00	31.73	H	-4.09
4215.000	---	30.22	54.00	23.78	H	-4.09
6930.000	43.39	---	74.00	30.61	H	-0.67
6930.000	---	31.68	54.00	22.32	H	-0.67
9750.000	---	31.61	54.00	22.39	H	1.98
9780.000	44.83	---	74.00	29.17	H	1.72
12105.000	---	32.04	54.00	21.96	H	3.91
12240.000	44.13	---	74.00	29.87	H	4.04
14415.000	46.52	---	74.00	27.48	H	9.30
14415.000	---	34.96	54.00	19.04	H	9.30
16320.000	---	36.58	54.00	17.42	H	11.74
16335.000	48.62	---	74.00	25.38	H	11.70



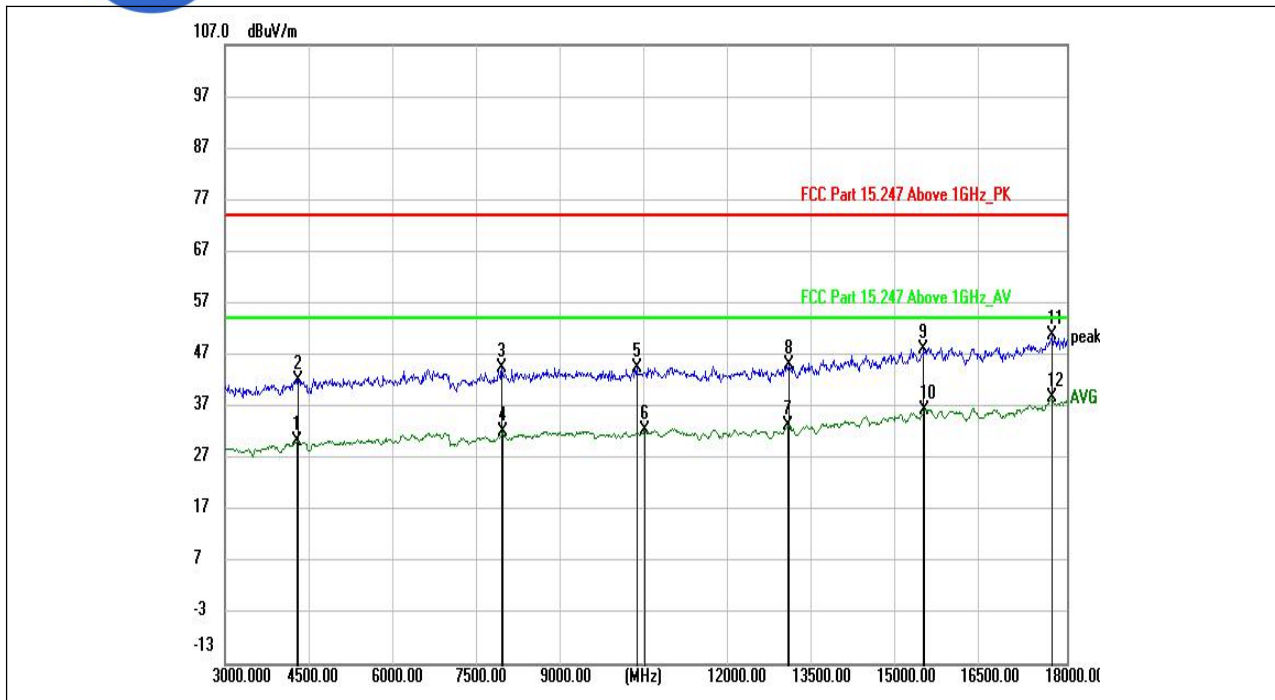
(LE Code _2402MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.4238	31.24	40.00	8.76	V	13.14
39.0245	26.17	40.00	13.83	V	14.23
72.0843	28.29	40.00	11.71	V	10.55
169.0054	19.22	43.50	24.28	V	12.23
383.9318	21.53	46.00	24.47	V	18.74
668.1423	26.32	46.00	19.68	V	24.44



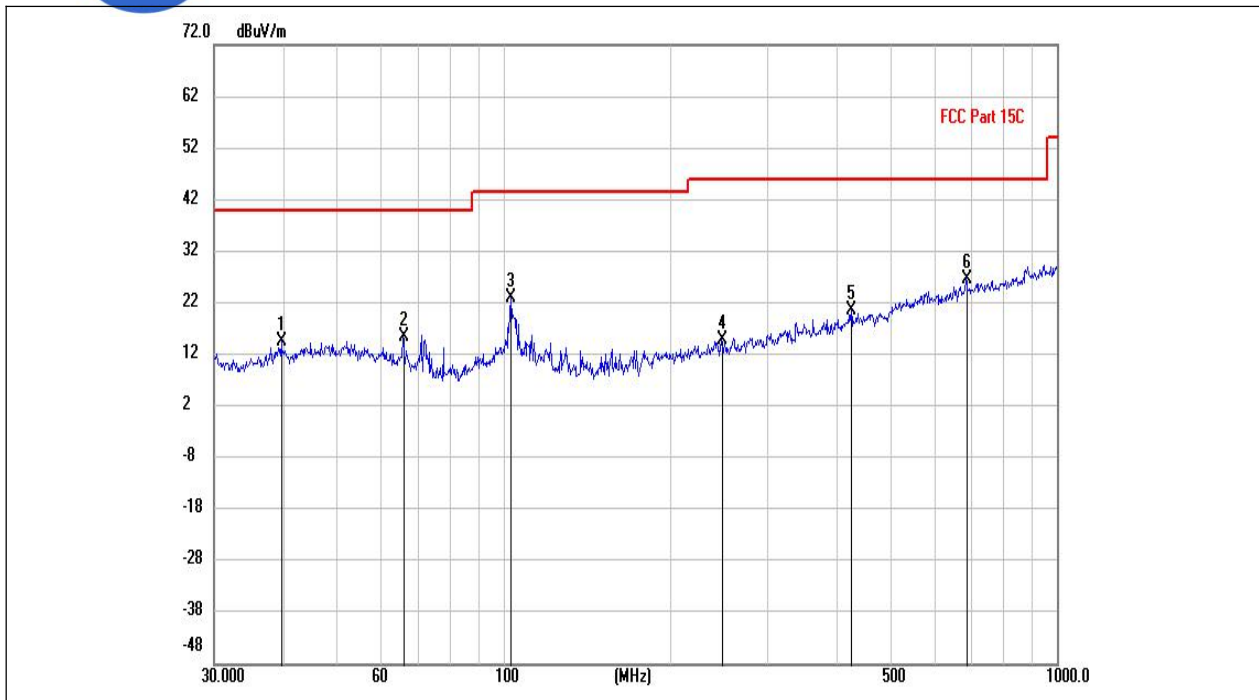
(LE Code_2402MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1201.377	---	28.88	54.00	25.12	V	30.63
1211.982	40.94	---	74.00	33.06	V	30.15
1472.132	---	31.03	54.00	22.97	V	32.43
1483.496	43.77	---	74.00	30.23	V	32.34
1799.948	---	35.68	54.00	18.32	V	36.78
1803.907	47.73	---	74.00	26.27	V	36.52
2006.757	49.11	---	74.00	24.89	V	37.23
2011.172	---	36.69	54.00	17.31	V	36.99
2262.044	51.30	---	74.00	22.70	V	39.16
2282.013	---	38.69	54.00	15.31	V	39.37
2649.760	---	43.47	54.00	10.53	V	43.32
2687.875	55.73	---	74.00	18.27	V	43.08



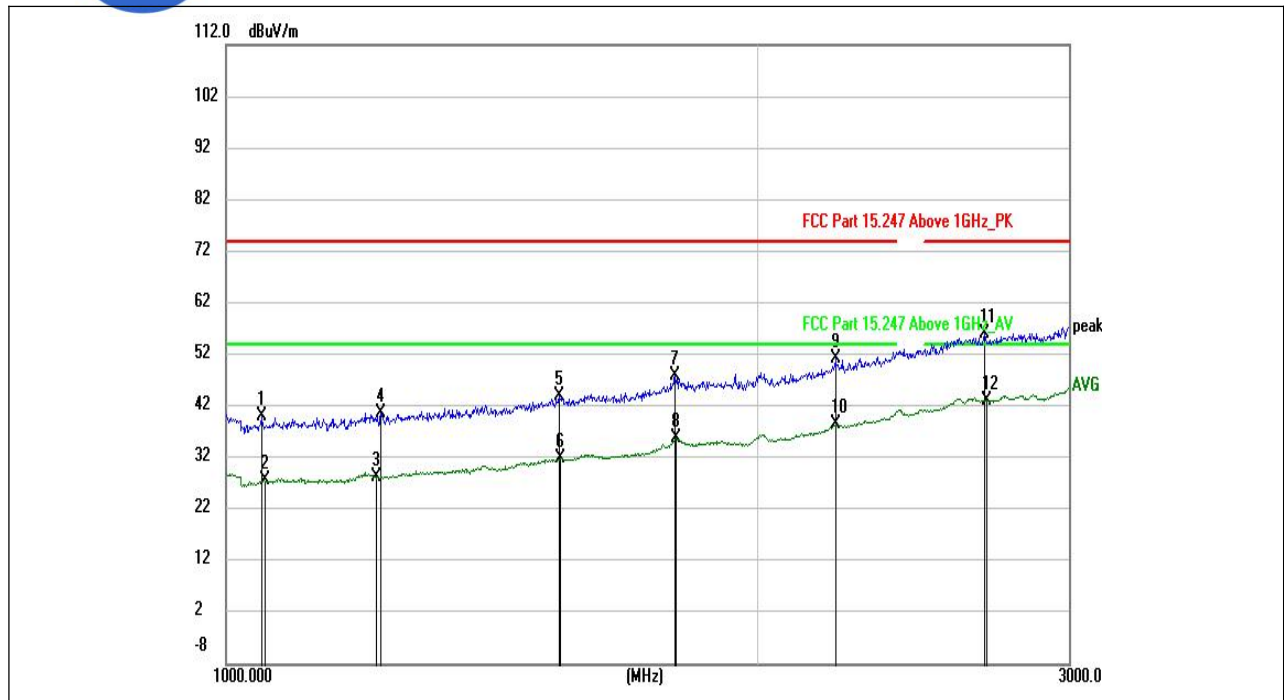
(LE Code_2402MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
4290.000	---	30.29	54.00	23.71	V	-3.37
4305.000	42.09	---	74.00	31.91	V	-3.37
7935.000	44.55	---	74.00	29.45	V	1.14
7950.000	---	31.97	54.00	22.03	V	1.44
10335.000	44.43	---	74.00	29.57	V	2.03
10485.000	---	32.37	54.00	21.63	V	3.37
13020.000	---	33.38	54.00	20.62	V	5.97
13050.000	45.09	---	74.00	28.91	V	6.40
15450.000	48.11	---	74.00	25.89	V	10.46
15465.000	---	36.40	54.00	17.60	V	10.42
17745.000	50.62	---	74.00	23.38	V	15.24
17745.000	---	38.71	54.00	15.29	V	15.24



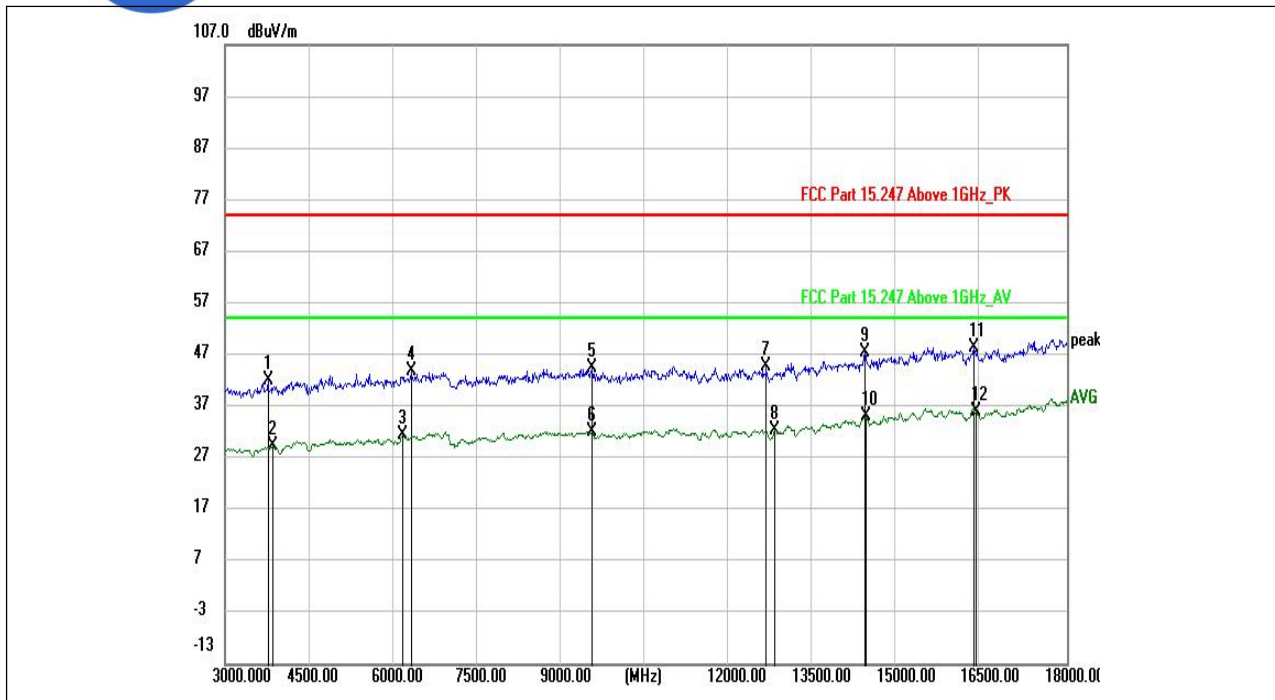
(LE Code_2440MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
39.7147	14.60	40.00	25.40	H	15.27
65.8031	15.55	40.00	24.45	H	13.16
103.0800	22.94	43.50	20.56	H	14.43
247.6819	14.87	46.00	31.13	H	14.86
425.0280	20.50	46.00	25.50	H	19.65
684.7454	26.58	46.00	19.42	H	24.68



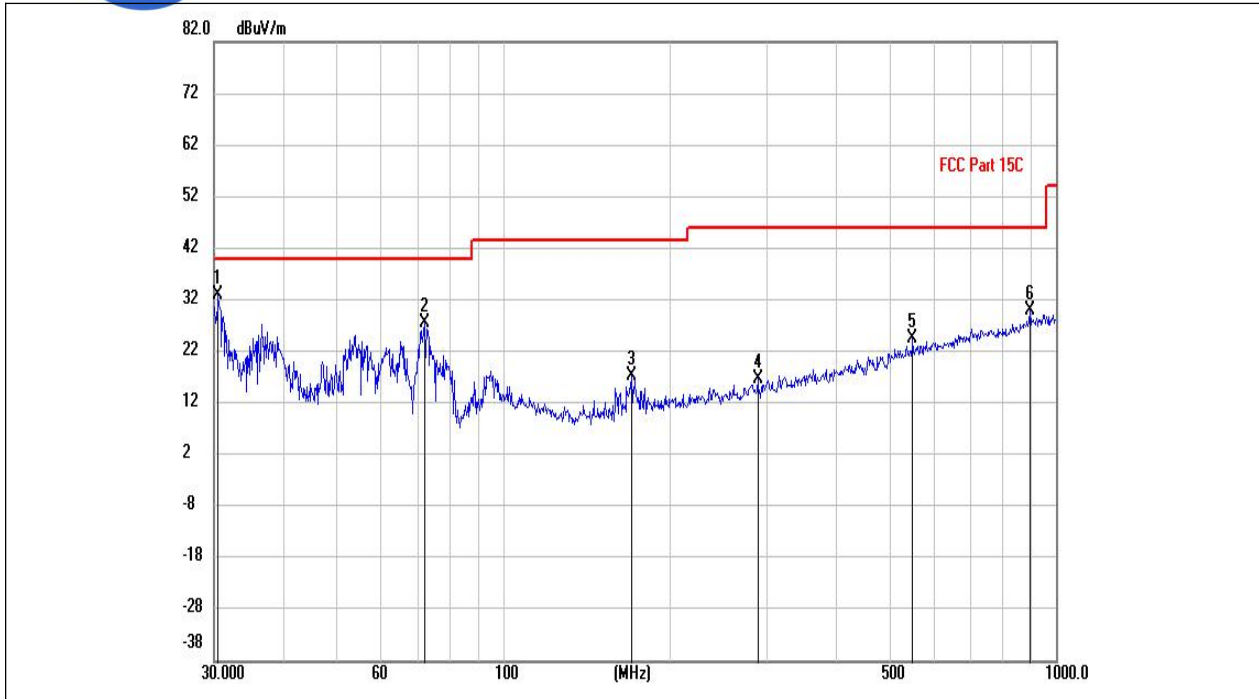
(LE Code _2440MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1047.223	40.03	---	74.00	33.97	H	28.63
1050.680	---	27.65	54.00	26.35	H	28.73
1215.983	---	28.43	54.00	25.57	H	29.98
1224.025	40.80	---	74.00	33.20	H	29.84
1543.345	44.14	---	74.00	29.86	H	33.24
1546.739	---	31.82	54.00	22.18	H	33.30
1795.997	47.81	---	74.00	26.19	H	36.48
1797.971	---	35.81	54.00	18.19	H	36.63
2212.884	51.34	---	74.00	22.66	H	39.15
2215.316	---	38.55	54.00	15.45	H	39.16
2687.875	55.96	---	74.00	18.04	H	43.08
2693.788	---	43.17	54.00	10.83	H	43.09



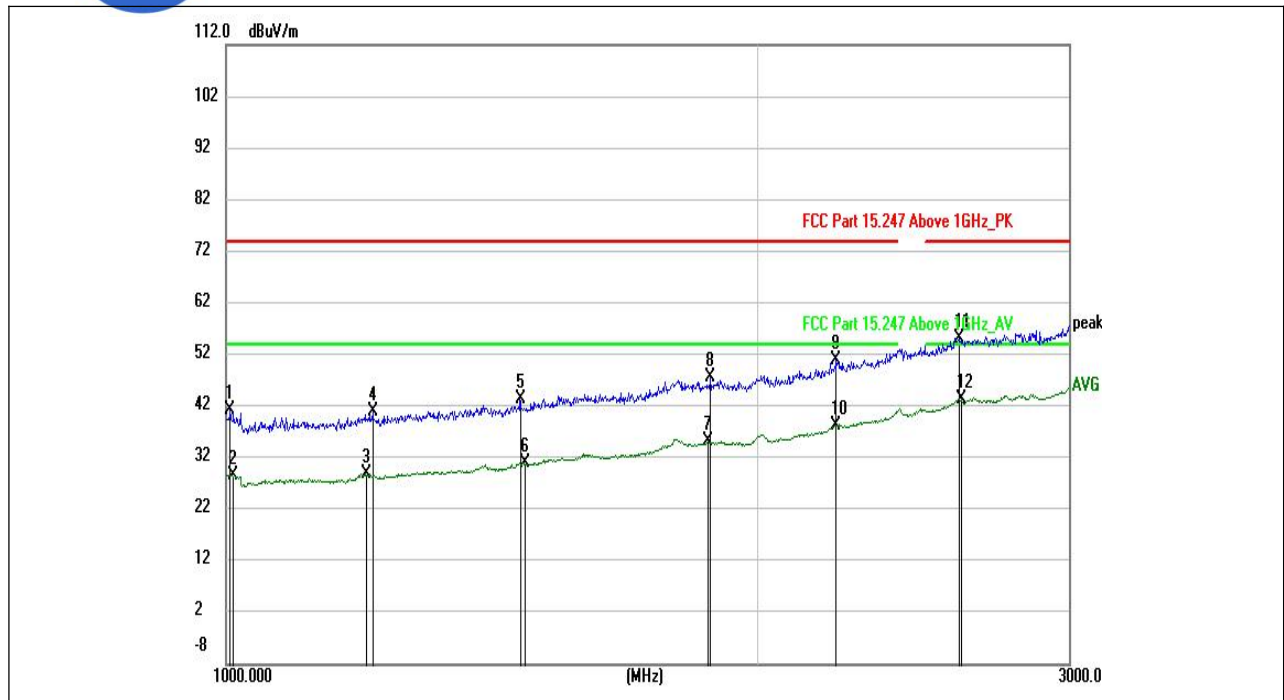
(LE Code _2440MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
3765.000	41.88	---	74.00	32.12	H	-5.00
3855.000	---	29.30	54.00	24.70	H	-4.69
6165.000	---	31.49	54.00	22.51	H	-1.69
6315.000	43.94	---	74.00	30.06	H	-1.46
9540.000	44.45	---	74.00	29.55	H	2.11
9540.000	---	31.97	54.00	22.03	H	2.11
12645.000	44.65	---	74.00	29.35	H	4.90
12795.000	---	32.37	54.00	21.63	H	4.95
14400.000	47.49	---	74.00	26.51	H	9.41
14415.000	---	35.06	54.00	18.94	H	9.30
16335.000	48.36	---	74.00	25.64	H	11.70
16380.000	---	35.92	54.00	18.08	H	11.14



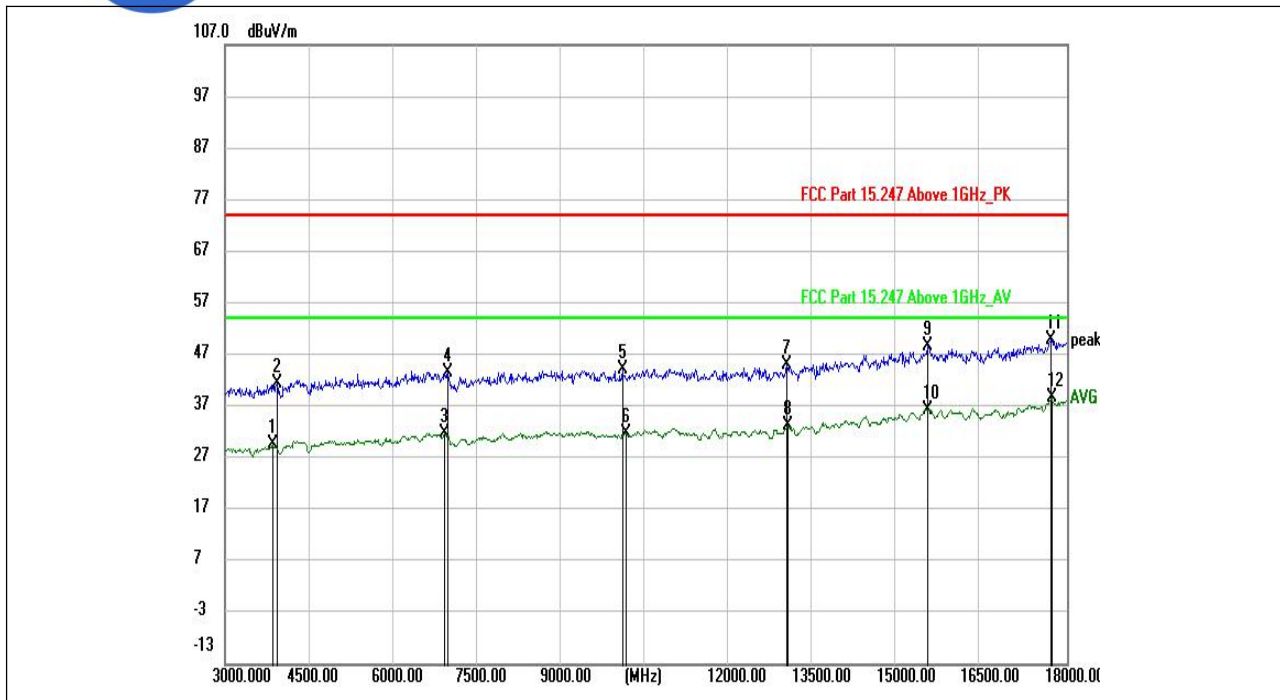
(LE Code _2440MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.5306	32.94	40	7.06	V	12.95
72.0843	27.72	40	12.28	V	10.55
170.7926	17.26	43.5	26.24	V	12.28
289.0021	16.6	46	29.4	V	15.75
550.9480	24.51	46	21.49	V	22.61
896.9965	29.93	46	16.07	V	27.99



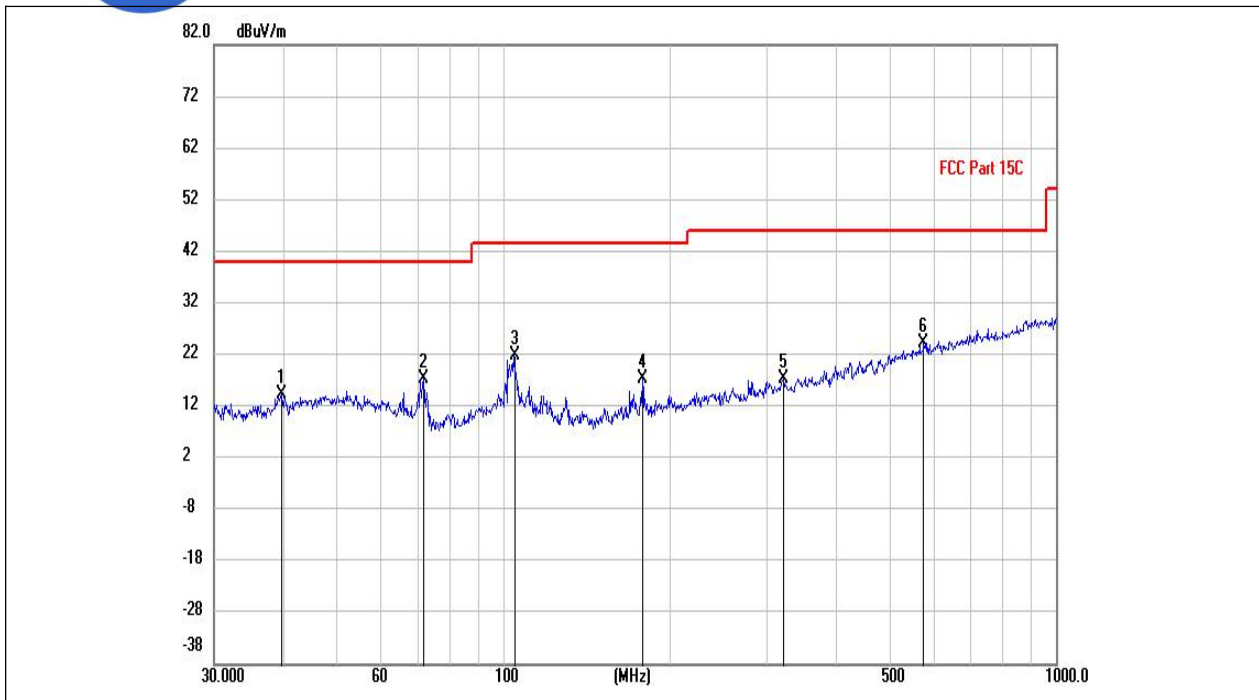
(LE Code _2440MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1005.508	41.16	---	74.00	32.84	V	28.49
1007.720	---	28.56	54.00	25.44	V	28.42
1200.058	---	28.81	54.00	25.19	V	30.70
1210.651	41.08	---	74.00	32.92	V	30.20
1467.288	43.30	---	74.00	30.70	V	32.31
1475.370	---	30.99	54.00	23.01	V	32.40
1874.620	---	35.13	54.00	18.87	V	35.88
1880.809	47.55	---	74.00	26.45	V	35.88
2215.316	51.08	---	74.00	22.92	V	39.16
2215.316	---	38.34	54.00	15.66	V	39.16
2600.731	55.22	---	74.00	18.78	V	43.66
2606.452	---	43.49	54.00	10.51	V	43.34



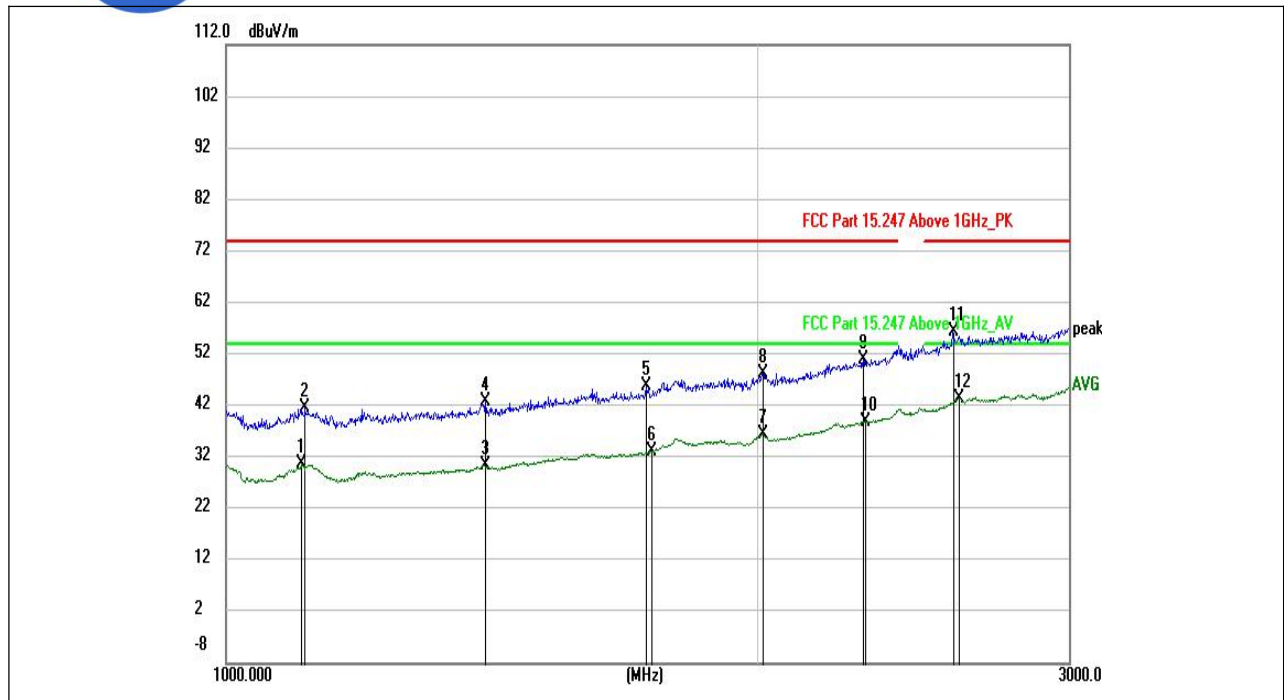
(LE Code _2440MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
3855.000	---	29.52	54.00	24.48	V	-4.69
3930.000	41.46	---	74.00	32.54	V	-5.06
6915.000	---	31.69	54.00	22.31	V	-0.77
6975.000	43.42	---	74.00	30.58	V	-0.62
10080.000	44.25	---	74.00	29.75	V	2.67
10140.000	---	31.81	54.00	22.19	V	2.31
13005.000	44.96	---	74.00	29.04	V	5.75
13035.000	---	33.17	54.00	20.83	V	6.18
15510.000	48.78	---	74.00	25.22	V	10.47
15525.000	---	36.31	54.00	17.69	V	10.50
17715.000	49.91	---	74.00	24.09	V	14.60
17730.000	38.65	38.65	54.00	15.35	V	14.93



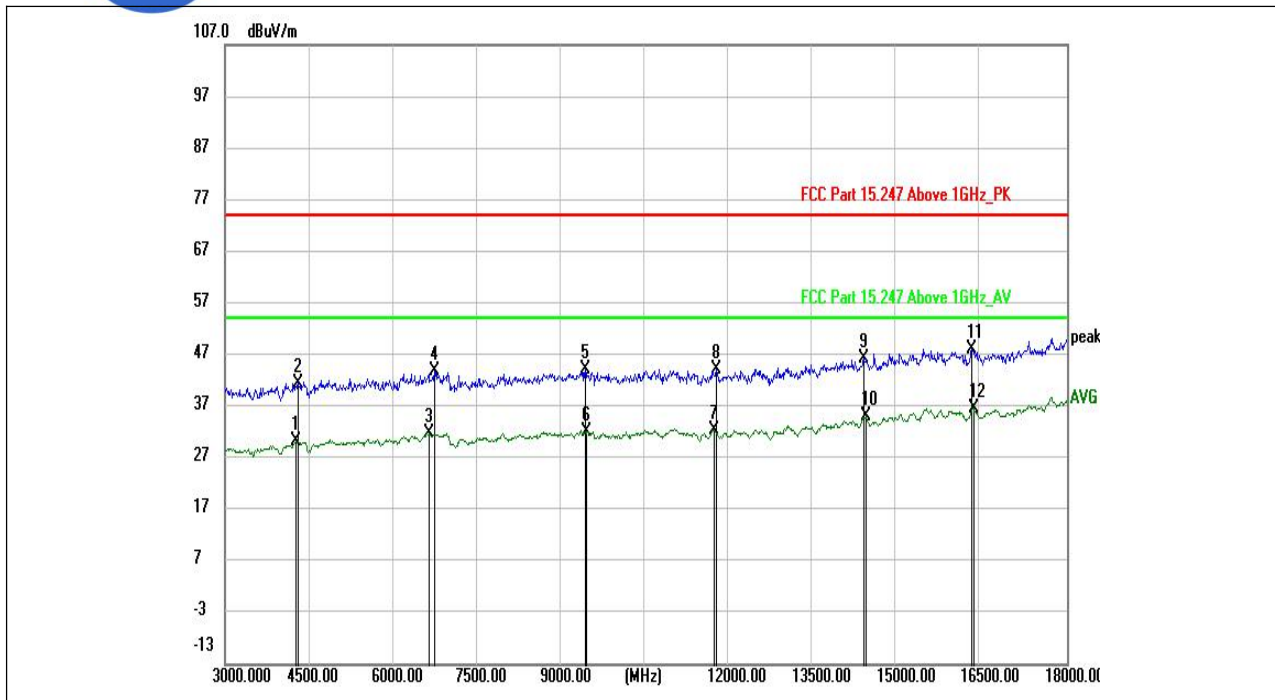
(LE Code _2480MHz, Antenna Horizontal, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
39.7147	14.18	40.00	25.82	H	15.27
71.8320	17.33	40.00	22.67	H	10.69
104.5361	21.86	43.50	21.64	H	14.22
178.7584	17.37	43.50	26.13	H	12.45
322.1886	17.19	46.00	28.81	H	17.81
576.6443	24.23	46.00	21.77	H	23.03



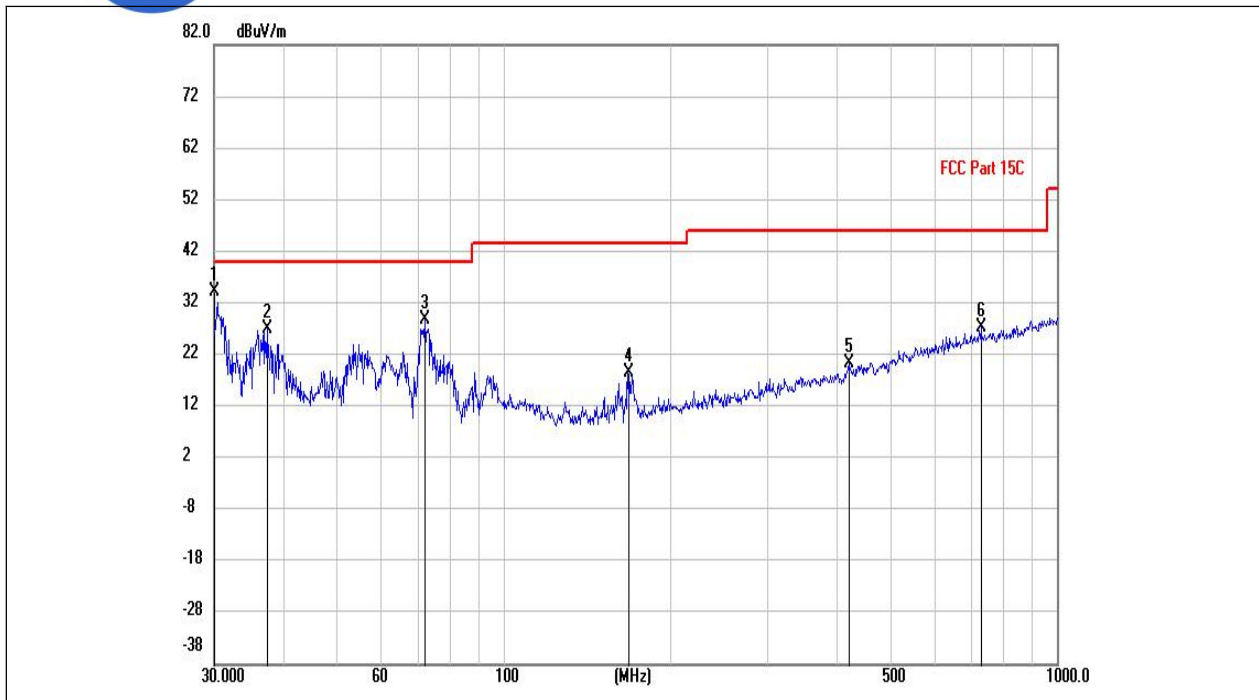
(LE Code _2480MHz, Antenna Horizontal, 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1102.716	---	30.63	54.00	23.37	H	29.05
1108.790	41.53	---	74.00	32.47	H	29.00
1401.123	---	30.51	54.00	23.49	H	31.96
1402.663	42.68	---	74.00	31.32	H	31.90
1730.149	45.71	---	74.00	28.29	H	34.26
1741.591	---	33.21	54.00	20.79	H	34.49
2011.172	---	36.43	54.00	17.57	H	36.99
2013.382	48.32	---	74.00	25.68	H	36.87
2294.582	51.01	---	74.00	22.99	H	39.66
2299.630	---	39.02	54.00	14.98	H	39.77
2577.974	56.25	---	74.00	17.75	H	42.40
2597.876	---	43.47	54.00	10.53	H	43.56



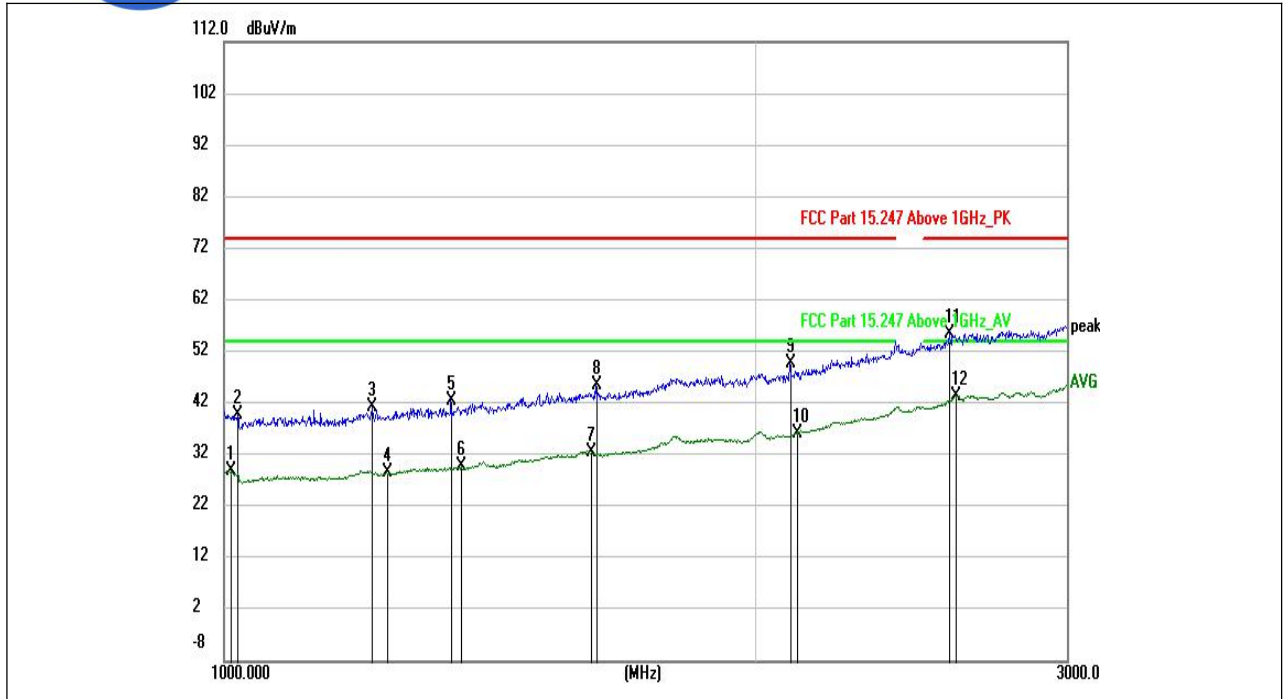
(LE Code _2480MHz, Antenna Horizontal, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
4260.000	---	30.16	54.00	23.84	H	-3.57
4305.000	41.52	---	74.00	32.48	H	-3.37
6630.000	---	31.74	54.00	22.26	H	-0.60
6735.000	43.88	---	74.00	30.12	H	-1.07
9420.000	44.08	---	74.00	29.92	H	2.00
9450.000	---	32.06	54.00	21.94	H	1.88
11715.000	---	32.44	54.00	21.56	H	3.99
11760.000	44.25	---	74.00	29.75	H	3.83
14385.000	46.22	---	74.00	27.78	H	9.38
14415.000	---	34.98	54.00	19.02	H	9.30
16305.000	48.02	---	74.00	25.98	H	11.53
16335.000	---	36.63	54.00	17.37	H	11.70



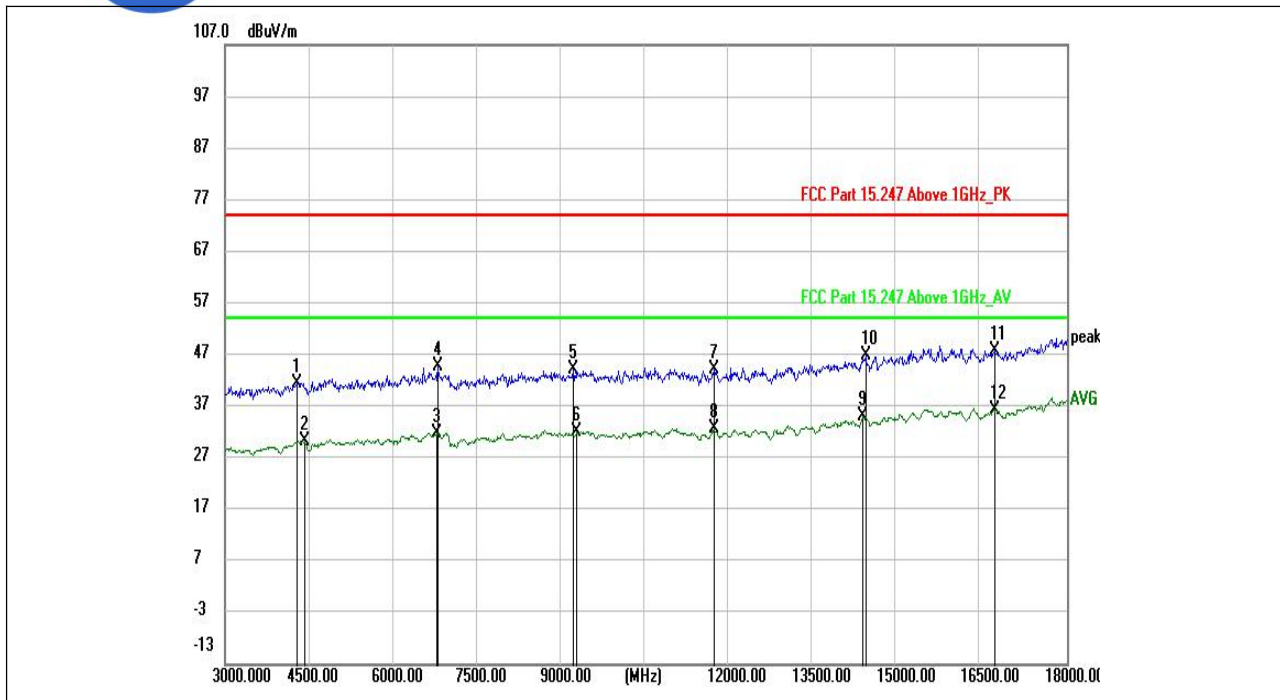
(LE Code _2480MHz, Antenna Vertical, 30MHz to 1GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
30.0000	34.21	40.00	5.79	V	13.90
37.4165	26.86	40.00	13.14	V	13.78
72.0843	28.74	40.00	11.26	V	10.55
167.8243	18.68	43.50	24.82	V	11.88
420.5803	20.39	46.00	25.61	V	20.22
729.3583	27.24	46.00	18.76	V	25.36



(LE Code _2480MHz, Antenna Vertical , 1GHz to 3GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
1008.828	---	28.79	54.00	25.21	V	28.39
1017.733	39.69	---	74.00	34.31	V	27.89
1213.314	41.37	---	74.00	32.63	V	30.09
1236.188	---	28.64	54.00	25.36	V	29.96
1343.834	42.54	---	74.00	31.46	V	30.97
1363.164	---	29.76	54.00	24.24	V	31.04
1614.451	---	32.63	54.00	21.37	V	33.74
1623.344	45.37	---	74.00	28.63	V	33.56
2090.010	49.82	---	74.00	24.18	V	36.77
2110.778	---	36.30	54.00	17.70	V	37.37
2575.143	55.34	---	74.00	18.66	V	42.40
1008.828	---	43.38	54.00	10.62	V	43.36



(LE Code _2480MHz, Antenna Vertical, 3GHz to 18GHz)

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
4275.000	41.54	---	74.00	32.46	V	-3.39
4425.000	---	30.25	54.00	23.75	V	-3.68
6780.000	---	31.68	54.00	22.32	V	-1.16
6795.000	44.88	---	74.00	29.12	V	-1.09
9210.000	44.20	---	74.00	29.80	V	1.57
9270.000	---	32.09	54.00	21.91	V	2.36
11715.000	44.04	---	74.00	29.96	V	3.99
11715.000	---	32.65	54.00	21.35	V	3.99
14370.000	---	35.05	54.00	18.95	V	9.35
14415.000	46.89	---	74.00	27.11	V	9.48
16710.000	47.79	---	74.00	26.21	V	11.78
16710.000	---	36.40	54.00	17.60	V	11.78



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
Peak Output Power	$\pm 2.22\text{dB}$
Power spectral density (PSD)	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Conducted Spurious Emission	$\pm 2.77\text{ dB}$
Restricted Frequency Bands	$\pm 5\%$
Radiated Emission	$\pm 3.1\text{dB}$
Conducted Emission	$\pm 1.8\text{dB}$

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:	Kehu-Morlab Test Laboratory
Laboratory Address:	Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian) P.R. China
Telephone:	+86 592 5612050
Facsimile:	+86 592 5612095

2. Identification of the Responsible Testing Location

Name:	Kehu-Morlab Test Laboratory
Address:	Unit 101, No.1732 Gangzhong Road, Xiamen Area, Pilot Free Trade Zone (Fujian) P.R. China

3. Accreditation Certificate

Accredited Testing Laboratory:	The FCC designation number is CN1249. (Kehu-Morlab Test Laboratory)
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4. Test Equipments Utilized

4.1 Conducted Test Equipments

No.	Equipment Name	Serial No.	Model No.	Manufacturer	Cal.Date	Cal.Due Date
1	MXA Signal Analyzer	MY53421 845	N9020A	Keysight	2019.01.05	2020.01.04
2	RF cable (30MHz-26.5GHz)	RF01	N/A	Morlab	2019.01.05	2020.01.04
3	Coaxial cable	RF02	N/A	Morlab	2019.01.05	2020.01.04
4	SMA connector	RF03	N/A	Xingbo	2019.01.05	2020.01.04
Software Version: MW 2.0.0.0						

**4.2 Conducted Emission Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	101799	ESR7	R&S	2019.01.08	2020.01.07
LISN	101338	ENV432	R&S	2019.01.14	2020.01.13
Pulse Limiter (10dB)	317	VTSD 9561 F	Schwarzbeck	2019.01.14	2020.01.13

4.3 Auxiliary Test Equipment

Equipment Name	Model No.	Brand Name	Manufacturer	Cal. Date	Cal. Due
Computer	E75	Think Pad	Lenovo	N/A	N/A

4.4 List of Software Used

Description	Manufacturer	Software Version
Test system	CAICT	Eagle 2.0
EMC32	R&S	V10.00.00

4.5 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Anechoic Chamber	N/A	9m*6m*6m	ETS-Lindgren	2017.07.21	2020.07.20
Signal Analyzer	101294	FSV40	R&S	2019.01.04	2020.01.03
Active Ring Antenna	FMZB 1513 #269	FMZB 1513	Schwarzbeck	2019.01.12	2020.01.11
Linear Log Periodic Broad Band Antenna	949	VULB 9163	Schwarzbeck	2018.09.25	2021.09.24
Ultra-Wideband Horn Antenna	102615	HF907	R&S	2019.01.19	2020.01.18
Steatite Antennas	17868	QSH-SL-18-2 6-S-20	Seibersdorf	2019.01.12	2020.01.11
Ultra-Wideband Horn Antenna	17989	QSH-26-40	Schwarzbeck	2019.01.12	2020.01.11
RF Switch and	N/A	RSC	CDSI	N/A	N/A



Control Platform					
Coaxial cable (N male) (9kHz -3GHz)	EMC02	N/A	Morlab	2019.01.04	2020.01.03
Coaxial cable (N male) (9kHz -3GHz)	EMC03	N/A	Morlab	2019.01.04	2020.01.03
Coaxial cable (N male) (1GHz-26.5GHz)	EMC04	N/A	Morlab	2019.01.04	2020.01.03
Coaxial cable (N male) (1GHz-26.5GHz)	EMC05	N/A	Morlab	2019.01.04	2020.01.03
Pre-amplifier (1GHz-18GHz)	8810011	PAP-1G18	CDSI	2019.01.04	2020.01.03
Pre-amplifier (18GHz-40GHz)	17021-17024	PAP-1840	CDSI	2019.07.05	2020.07.04
High Pass Filter	EMC21	HFP-1.0/18G -60	CDSI	2019.01.04	2020.01.03
High Pass Filter	EMC22	HFP-3.0/18G -60	CDSI	2019.01.04	2020.01.03
NOTE: Coaxial cable and Filter, annual internal calibration.					

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