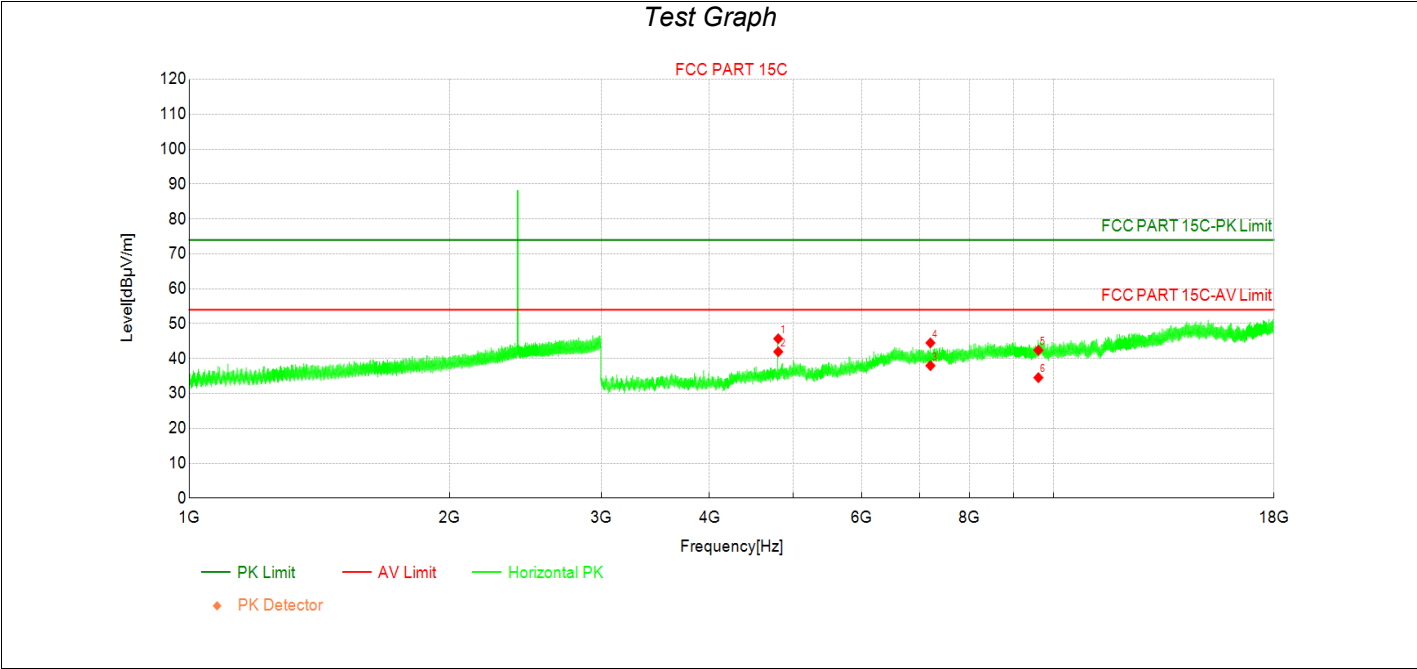
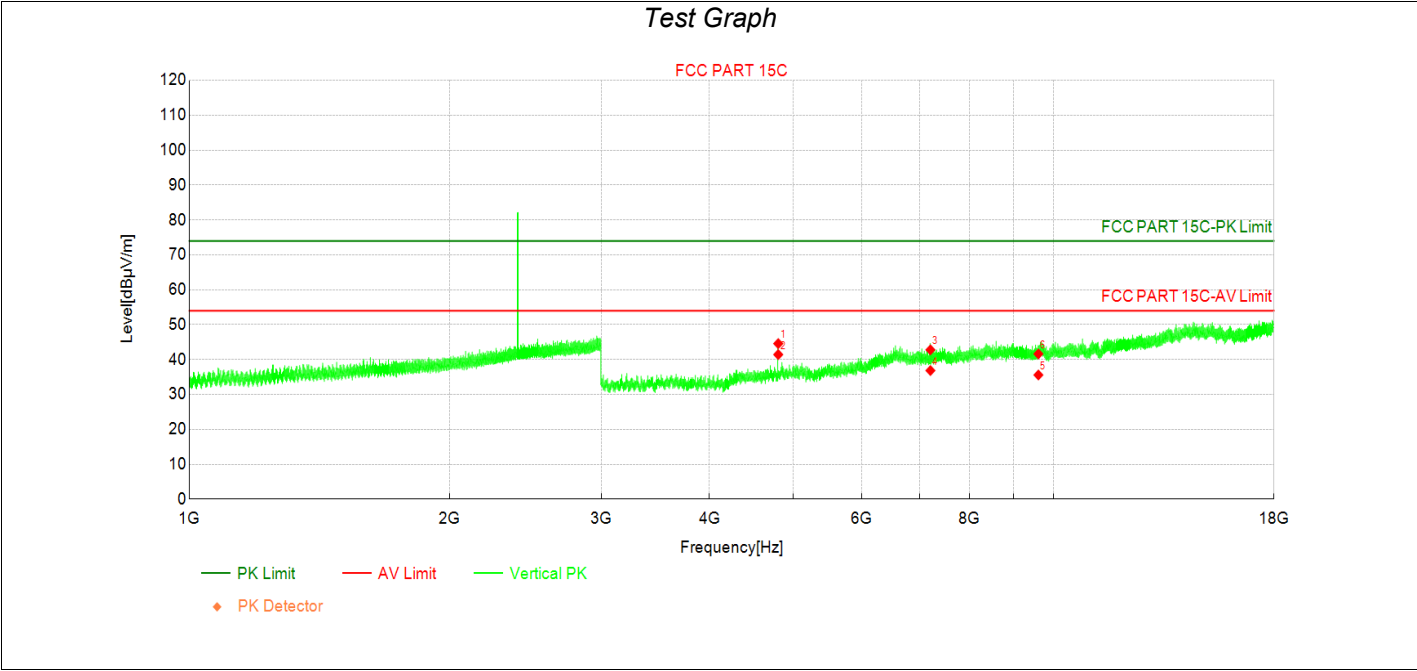


Appendix G: Emissions in Restricted Bands
Transmit at 2402MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	50.37	45.68	-4.69	74.00	28.32	PK	Horizo	PASS
2	4804.00	46.64	41.95	-4.69	54.00	12.05	AV	Horizo	PASS
3	7206.00	34.62	37.97	3.35	54.00	16.03	AV	Horizo	PASS
4	7206.00	41.14	44.49	3.35	74.00	29.51	PK	Horizo	PASS
5	9608.00	35.56	42.38	6.82	74.00	31.62	PK	Horizo	PASS
6	9608.00	27.71	34.53	6.82	54.00	19.47	AV	Horizo	PASS

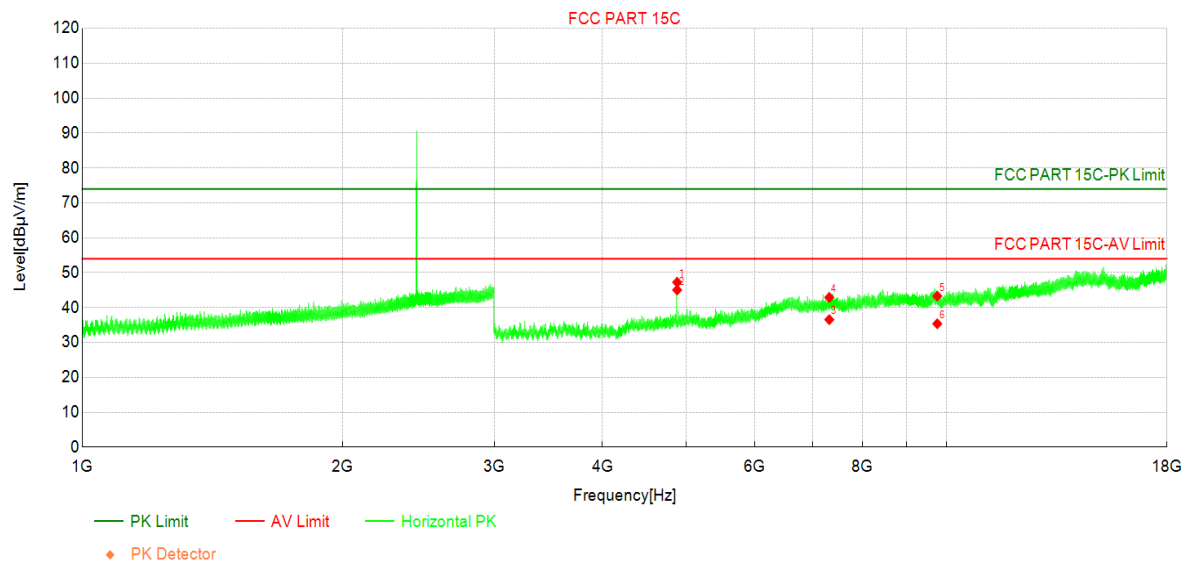
Transmit at 2402MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.26	44.57	-4.69	74.00	29.43	PK	Vertic	PASS
2	4804.00	46.11	41.42	-4.69	54.00	12.58	AV	Vertic	PASS
3	7206.00	39.45	42.80	3.35	74.00	31.20	PK	Vertic	PASS
4	7206.00	33.50	36.85	3.35	54.00	17.15	AV	Vertic	PASS
5	9608.00	28.76	35.58	6.82	54.00	18.42	AV	Vertic	PASS
6	9608.00	34.79	41.61	6.82	74.00	32.39	PK	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

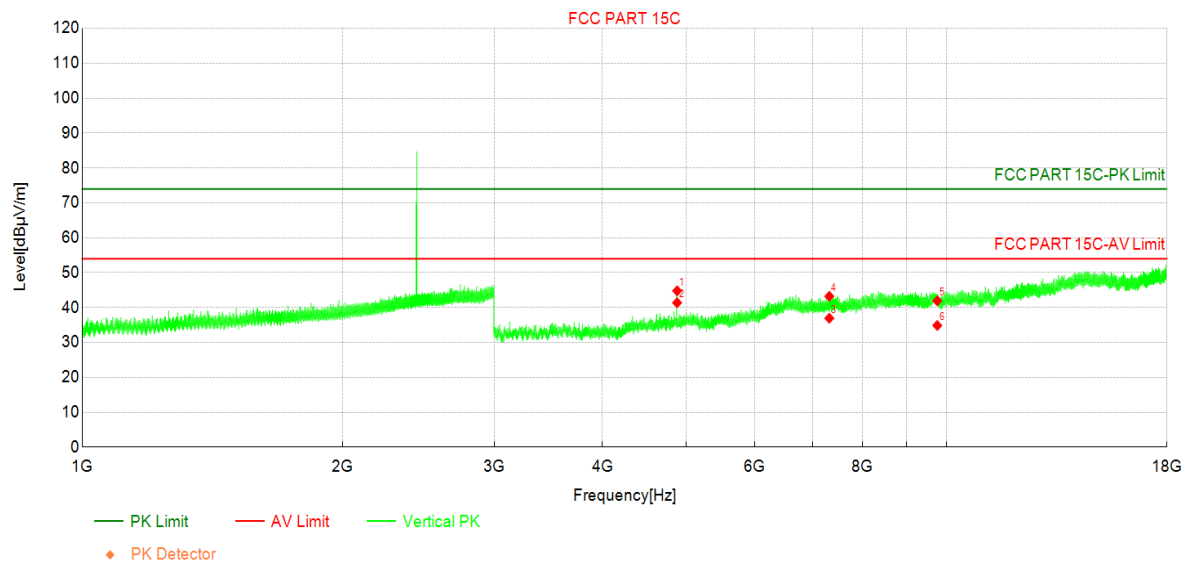


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	52.05	47.25	-4.80	74.00	26.75	PK	Horizo	PASS
2	4880.00	49.84	45.04	-4.80	54.00	8.96	AV	Horizo	PASS
3	7320.00	33.17	36.54	3.37	54.00	17.46	AV	Horizo	PASS
4	7320.00	39.53	42.90	3.37	74.00	31.10	PK	Horizo	PASS
5	9760.00	35.95	43.27	7.32	74.00	30.73	PK	Horizo	PASS
6	9760.00	28.04	35.36	7.32	54.00	18.64	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

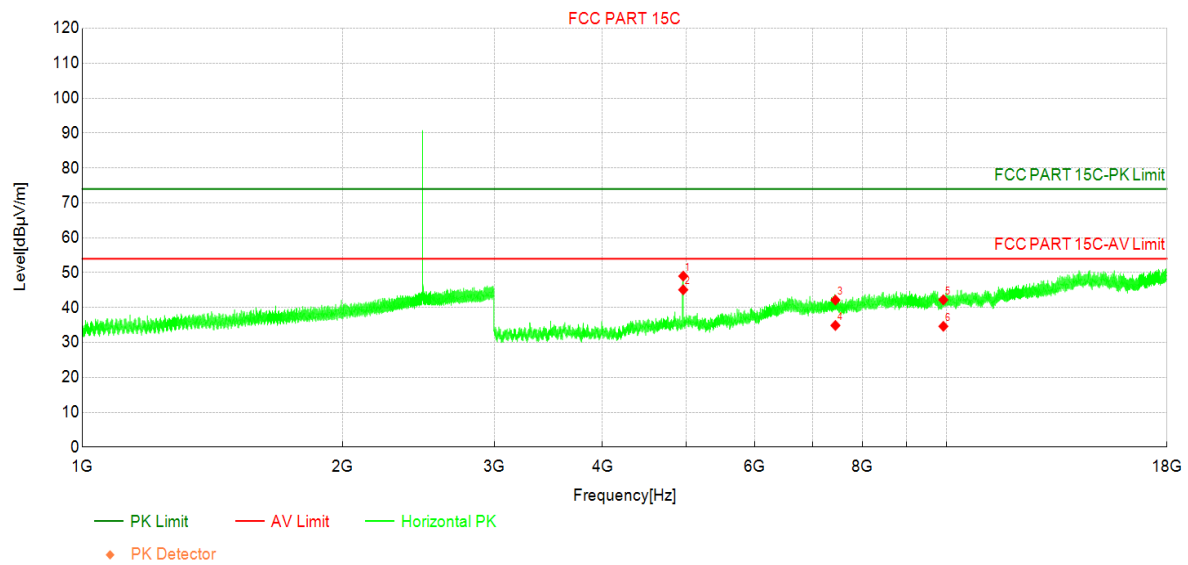


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	49.59	44.79	-4.80	74.00	29.21	PK	Vertic	PASS
2	4880.00	46.18	41.38	-4.80	54.00	12.62	AV	Vertic	PASS
3	7320.00	33.57	36.94	3.37	54.00	17.06	AV	Vertic	PASS
4	7320.00	39.86	43.23	3.37	74.00	30.77	PK	Vertic	PASS
5	9760.00	34.62	41.94	7.32	74.00	32.06	PK	Vertic	PASS
6	9760.00	27.55	34.87	7.32	54.00	19.13	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

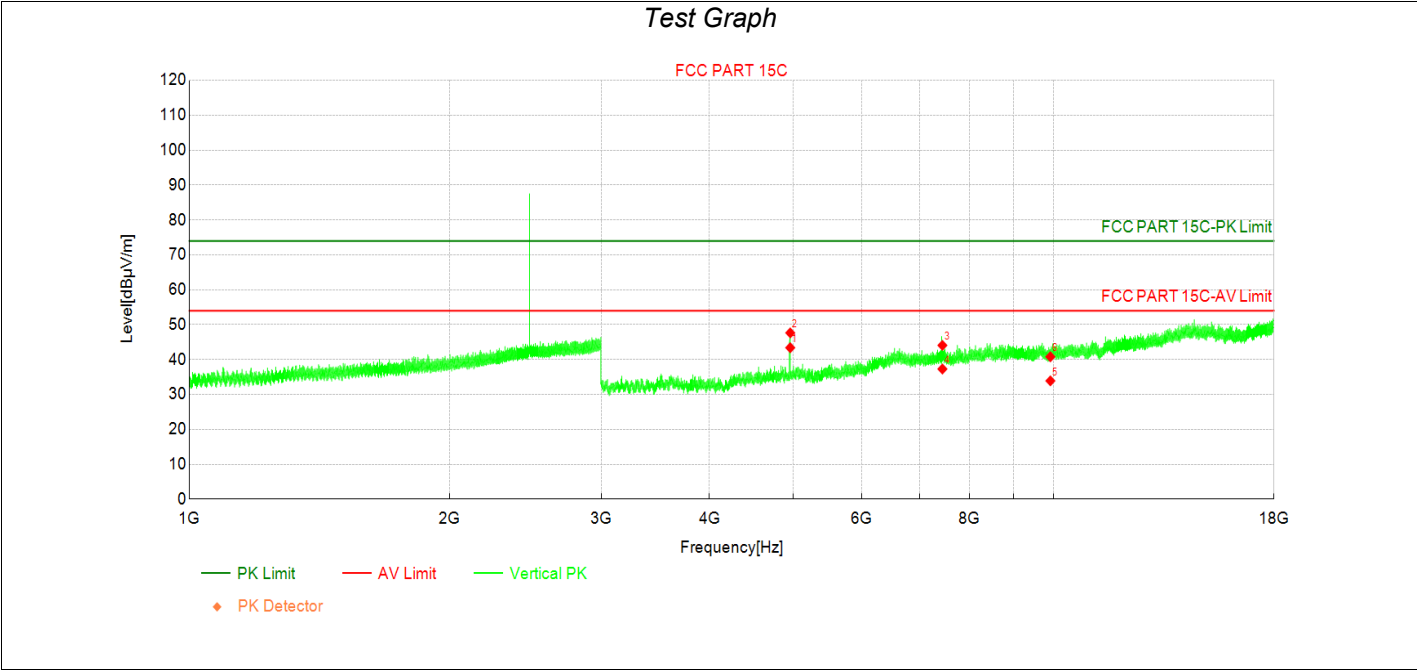
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	53.71	49.01	-4.70	74.00	24.99	PK	Horizo	PASS
2	4960.00	49.79	45.09	-4.70	54.00	8.91	AV	Horizo	PASS
3	7440.00	38.46	42.15	3.69	74.00	31.85	PK	Horizo	PASS
4	7440.00	31.19	34.88	3.69	54.00	19.12	AV	Horizo	PASS
5	9920.00	35.24	42.22	6.98	74.00	31.78	PK	Horizo	PASS
6	9920.00	27.64	34.62	6.98	54.00	19.38	AV	Horizo	PASS

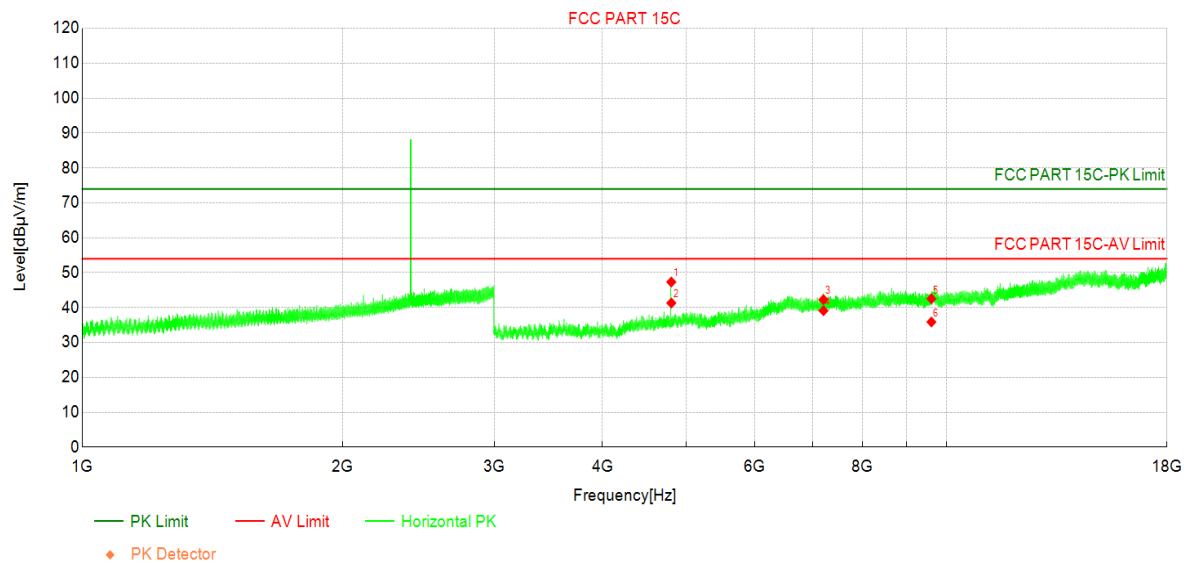
Transmit at 2480MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	48.09	43.39	-4.70	54.00	10.61	AV	Vertic	PASS
2	4960.00	52.34	47.64	-4.70	74.00	26.36	PK	Vertic	PASS
3	7440.00	40.38	44.07	3.69	74.00	29.93	PK	Vertic	PASS
4	7440.00	33.61	37.30	3.69	54.00	16.70	AV	Vertic	PASS
5	9920.00	26.92	33.90	6.98	54.00	20.10	AV	Vertic	PASS
6	9920.00	33.82	40.80	6.98	74.00	33.20	PK	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps

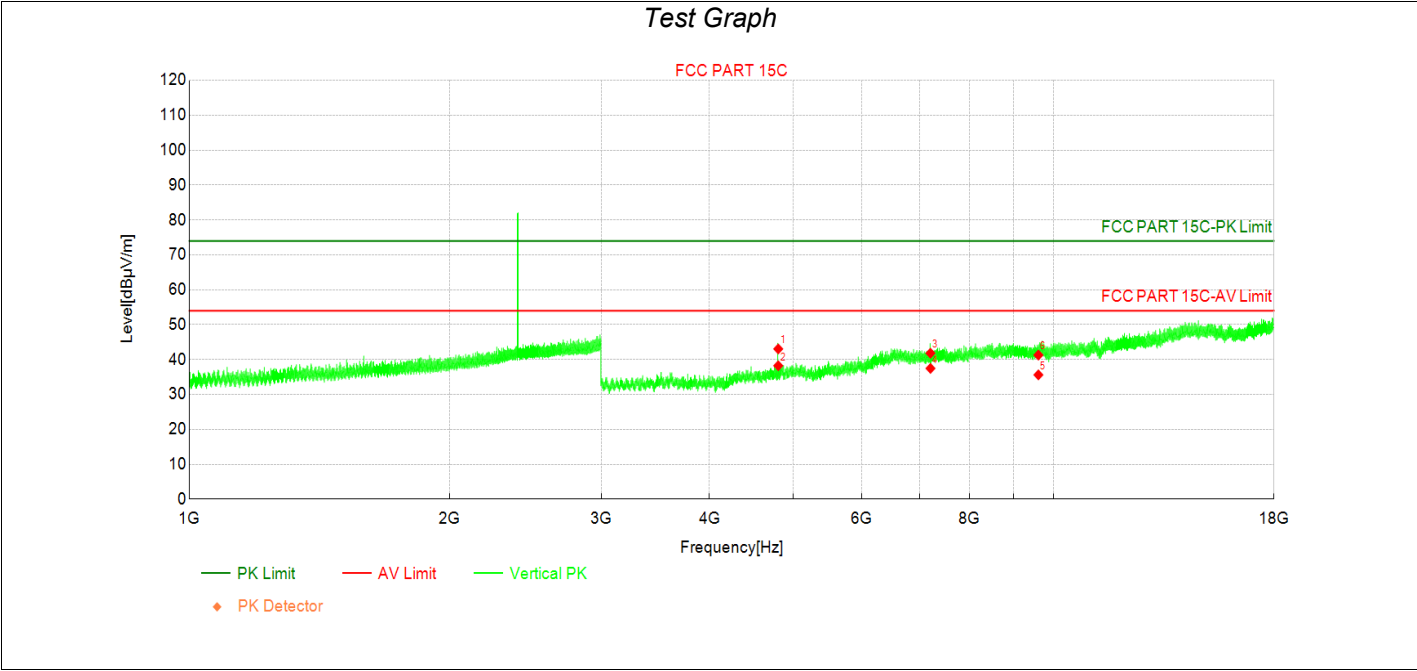
Test Graph



Data List

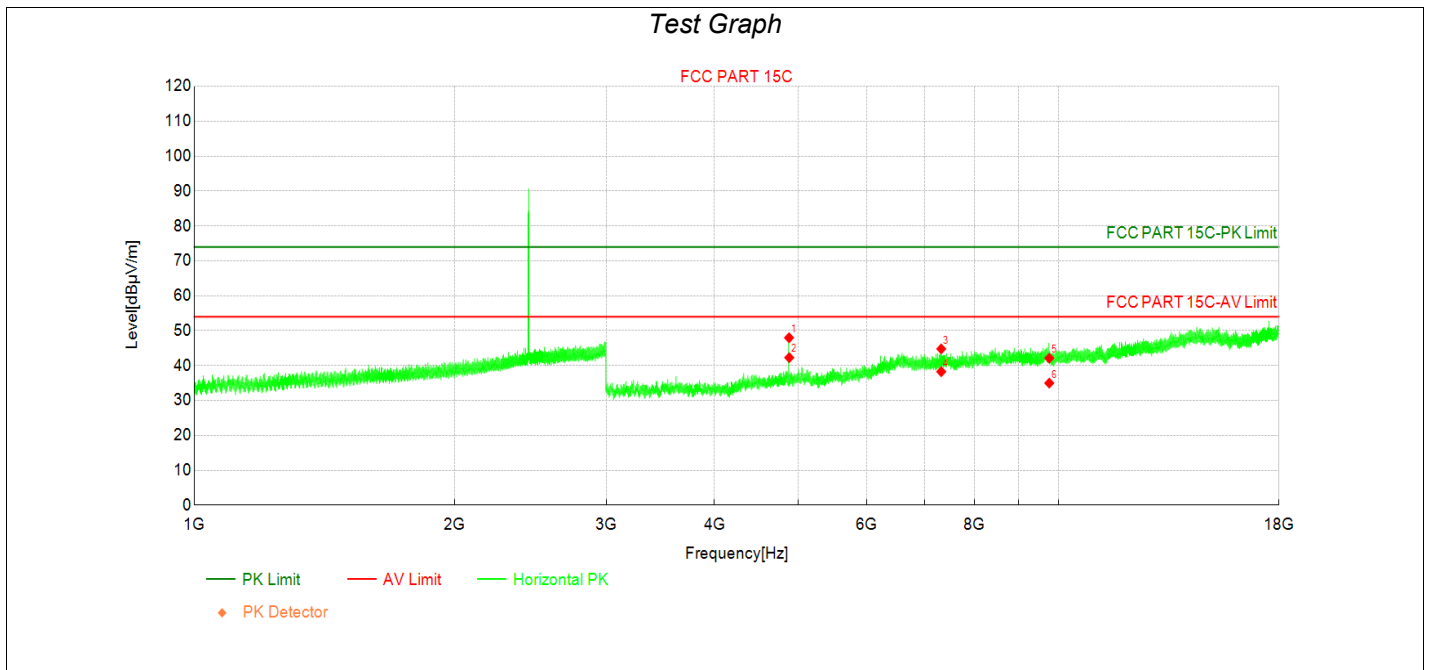
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.88	52.01	47.32	-4.69	74.00	26.68	PK	Horizo	PASS
2	4805.25	45.99	41.30	-4.69	54.00	12.70	AV	Horizo	PASS
3	7206.00	38.93	42.28	3.35	74.00	31.72	PK	Horizo	PASS
4	7207.50	35.76	39.11	3.35	54.00	14.89	AV	Horizo	PASS
5	9608.00	35.71	42.53	6.82	74.00	31.47	PK	Horizo	PASS
6	9608.00	29.05	35.87	6.82	54.00	18.13	AV	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	47.73	43.04	-4.69	74.00	30.96	PK	Vertic	PASS
2	4804.00	42.93	38.24	-4.69	54.00	15.76	AV	Vertic	PASS
3	7206.00	38.47	41.82	3.35	74.00	32.18	PK	Vertic	PASS
4	7207.13	34.12	37.47	3.35	54.00	16.53	AV	Vertic	PASS
5	9608.00	28.79	35.61	6.82	54.00	18.39	AV	Vertic	PASS
6	9608.00	34.47	41.29	6.82	74.00	32.71	PK	Vertic	PASS

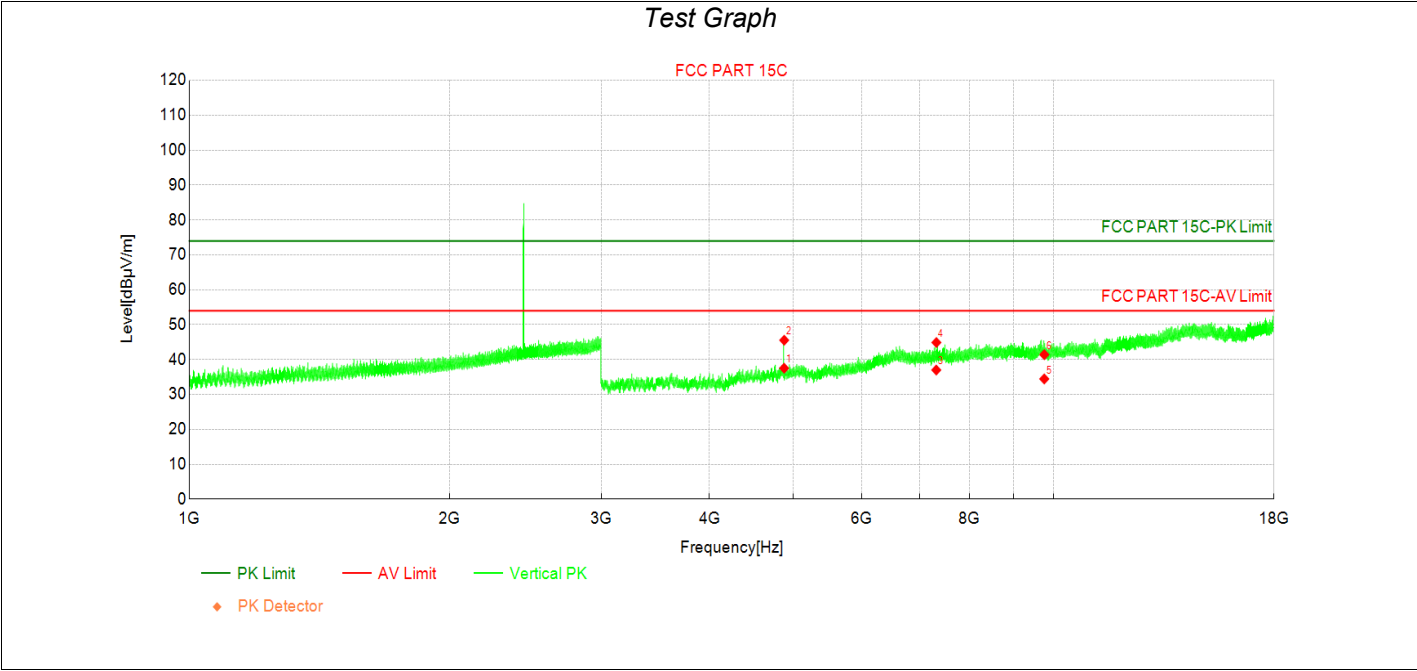
Transmit at 2440MHz by LE_2Mbps



Data List

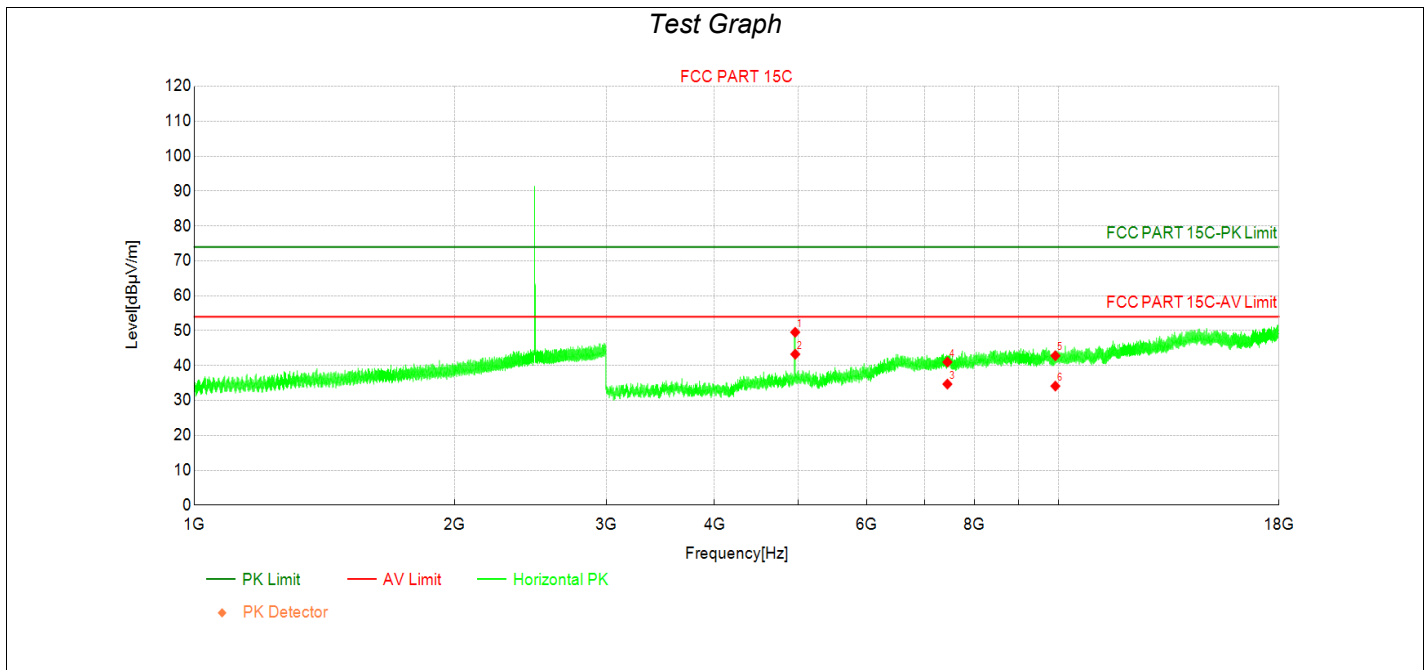
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4878.75	52.76	47.96	-4.80	74.00	26.04	PK	Horizo	PASS
2	4881.38	47.09	42.28	-4.81	54.00	11.72	AV	Horizo	PASS
3	7318.50	41.41	44.77	3.36	74.00	29.23	PK	Horizo	PASS
4	7318.88	34.89	38.25	3.36	54.00	15.75	AV	Horizo	PASS
5	9760.00	34.79	42.11	7.32	74.00	31.89	PK	Horizo	PASS
6	9760.00	27.65	34.97	7.32	54.00	19.03	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps



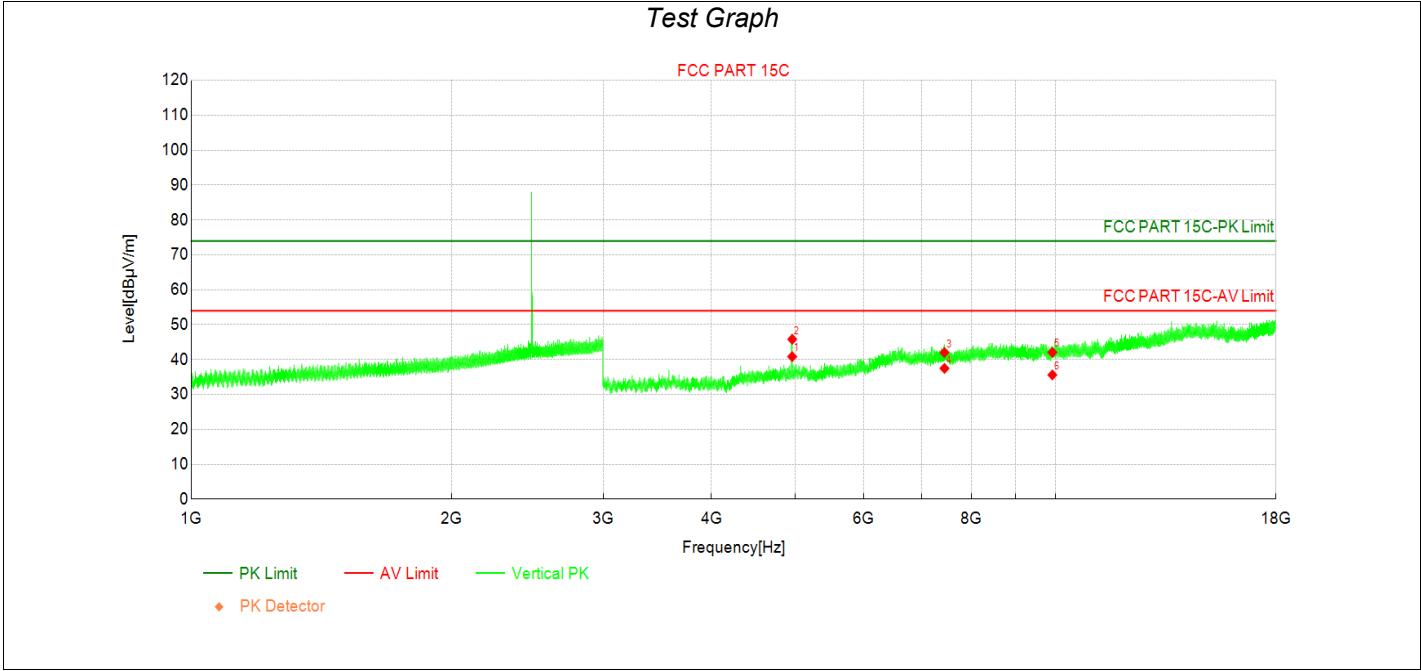
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	42.32	37.52	-4.80	54.00	16.48	AV	Vertic	PASS
2	4881.00	50.36	45.55	-4.81	74.00	28.45	PK	Vertic	PASS
3	7318.88	33.64	37.00	3.36	54.00	17.00	AV	Vertic	PASS
4	7321.50	41.51	44.88	3.37	74.00	29.12	PK	Vertic	PASS
5	9760.00	27.13	34.45	7.32	54.00	19.55	AV	Vertic	PASS
6	9760.00	34.09	41.41	7.32	74.00	32.59	PK	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps



Data List									
NO	Frequenc y [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdi ct
1	4959.00	54.24	49.54	-4.70	74.00	24.46	PK	Horizo	PASS
2	4960.00	47.95	43.25	-4.70	54.00	10.75	AV	Horizo	PASS
3	7440.00	31.00	34.69	3.69	54.00	19.31	AV	Horizo	PASS
4	7440.00	37.31	41.00	3.69	74.00	33.00	PK	Horizo	PASS
5	9920.00	35.83	42.81	6.98	74.00	31.19	PK	Horizo	PASS
6	9920.00	27.14	34.12	6.98	54.00	19.88	AV	Horizo	PASS

Transmit at 2480MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4959.38	45.54	40.84	-4.70	54.00	13.16	AV	Vertic	PASS
2	4960.00	50.50	45.80	-4.70	74.00	28.20	PK	Vertic	PASS
3	7440.00	38.33	42.02	3.69	74.00	31.98	PK	Vertic	PASS
4	7441.50	33.77	37.47	3.70	54.00	16.53	AV	Vertic	PASS
5	9920.00	35.07	42.05	6.98	74.00	31.95	PK	Vertic	PASS
6	9920.00	28.61	35.59	6.98	54.00	18.41	AV	Vertic	PASS

Note:

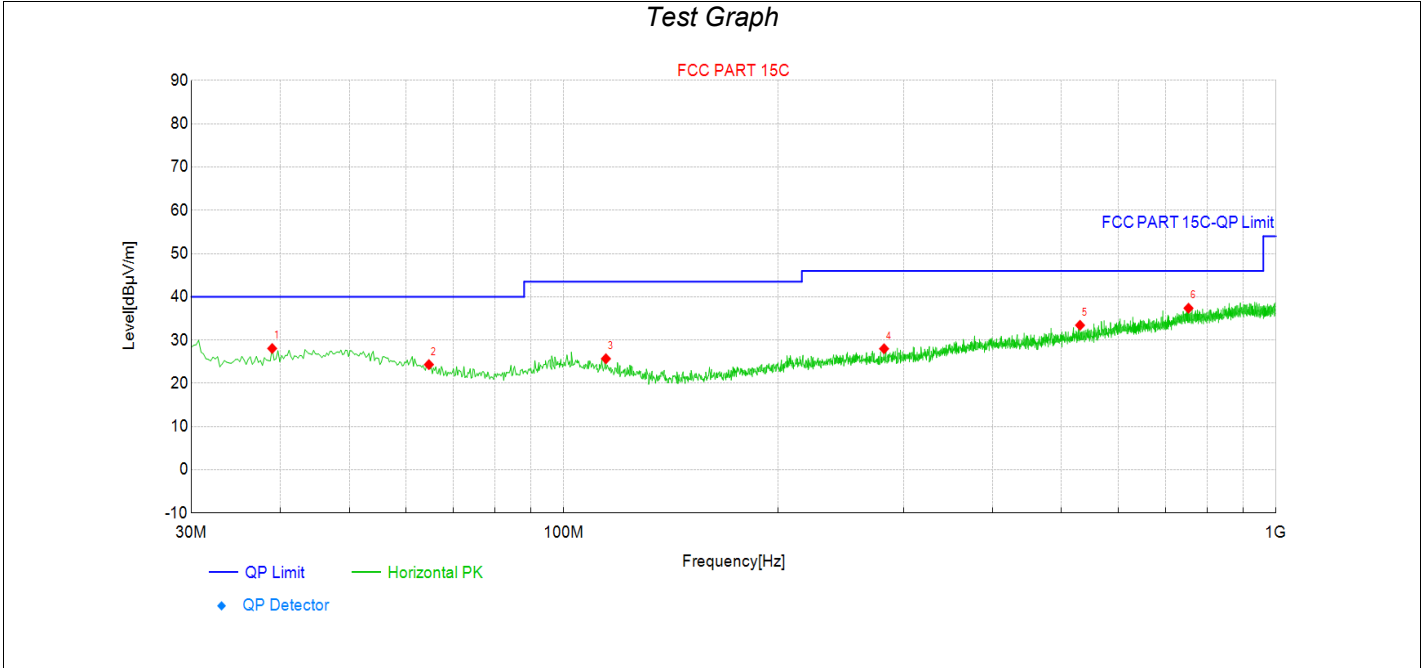
1.Level=Reading+Factor .

2. Margin=Limit-Level.

3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

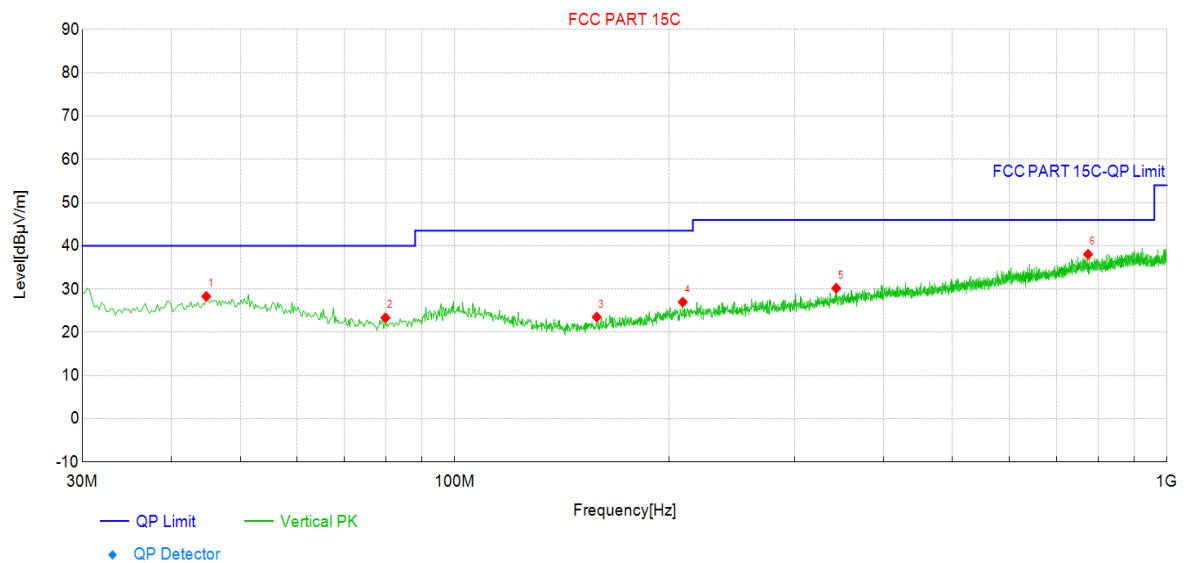
The worst case of Radiated Emission below 1GHz :
Transmit at 2402MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	38.97	14.3	28.05	13.750	40.00	11.95	PK	Horizo	PASS
2	64.68	12.7	24.33	11.620	40.00	15.67	PK	Horizo	PASS
3	114.63	14.1	25.68	11.630	43.50	17.82	PK	Horizo	PASS
4	281.72	14.2	27.99	13.800	46.00	18.01	PK	Horizo	PASS
5	530.76	15.3	33.43	18.150	46.00	12.57	PK	Horizo	PASS
6	753.62	15.8	37.36	21.590	46.00	8.64	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph



Data List

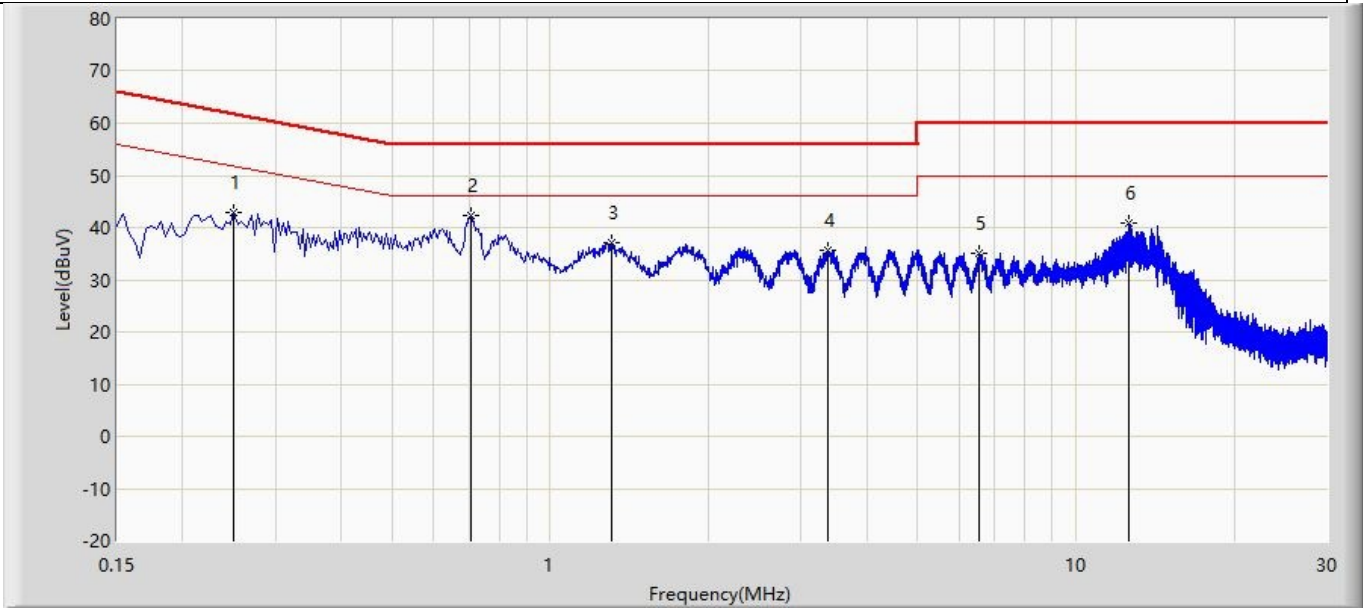
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	44.79	13.8	28.30	14.500	40.00	11.70	PK	Vertic	PASS
2	79.96	13.6	23.36	9.810	40.00	16.64	PK	Vertic	PASS
3	158.28	14.0	23.53	9.500	43.50	19.97	PK	Vertic	PASS
4	208.97	14.8	26.99	12.180	43.50	16.51	PK	Vertic	PASS
5	343.31	14.9	30.19	15.290	46.00	15.81	PK	Vertic	PASS
6	774.72	16.4	38.03	21.630	46.00	7.97	PK	Vertic	PASS

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Level=Reading+Factor.

Appendix H: AC Power Line Conducted Emission

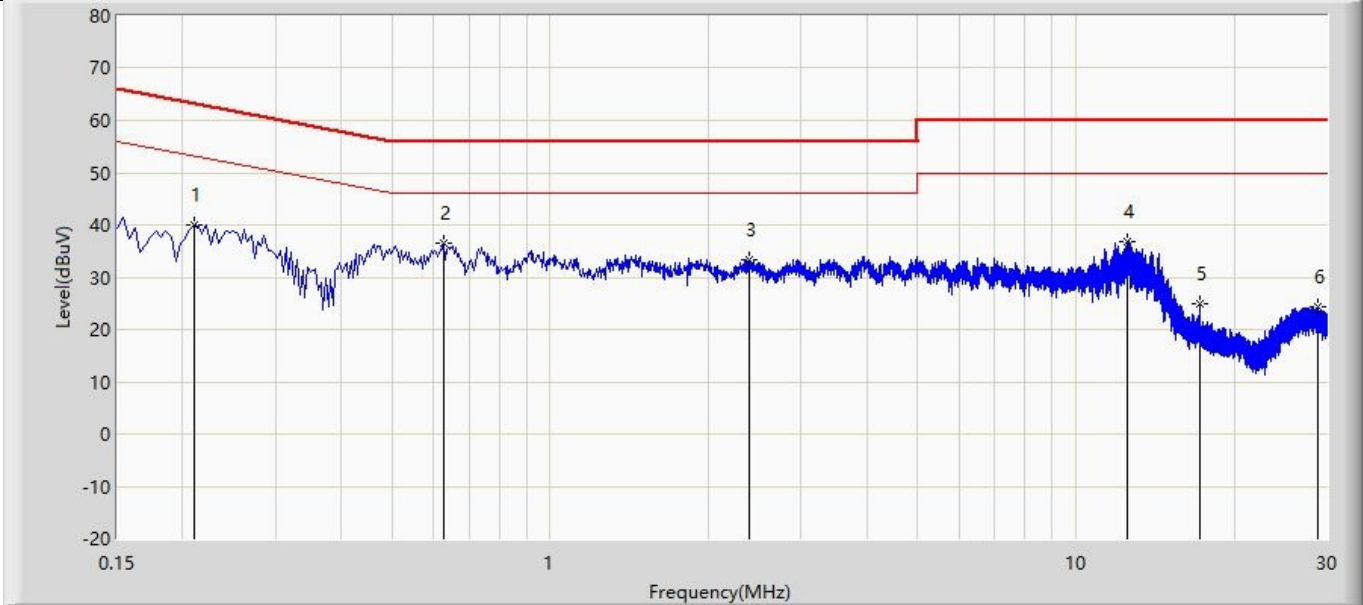
Profile: 2580412R	Page No.: 1
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 19:23
Limit: FCC_Part 15.107_CE_AC Power_Class B	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: SC296-WBD4	Power: AC 120V
Note: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.250	42.840	33.178	-18.917	61.757	9.662	QP
2	*	0.706	42.364	32.703	-13.636	56.000	9.661	QP
3		1.310	37.059	27.339	-18.941	56.000	9.720	QP
4		3.378	35.677	25.878	-20.323	56.000	9.799	QP
5		6.554	35.128	25.274	-24.872	60.000	9.854	QP
6		12.562	40.899	30.924	-19.101	60.000	9.975	QP



Profile: 2580412R	Page No.: 2
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/10 - 19:26
Limit: FCC_Part 15.107_CE_AC Power_Class B	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: SC296-WBD4	Power: AC 120V
Note: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.210	40.110	30.465	-23.096	63.205	9.645	QP
2	*	0.626	36.486	26.857	-19.514	56.000	9.630	QP
3		2.394	33.425	23.710	-22.575	56.000	9.715	QP
4		12.550	36.941	26.931	-23.059	60.000	10.010	QP
5		17.202	24.825	14.539	-35.175	60.000	10.285	QP
6		28.810	24.257	13.470	-35.743	60.000	10.787	QP

The End