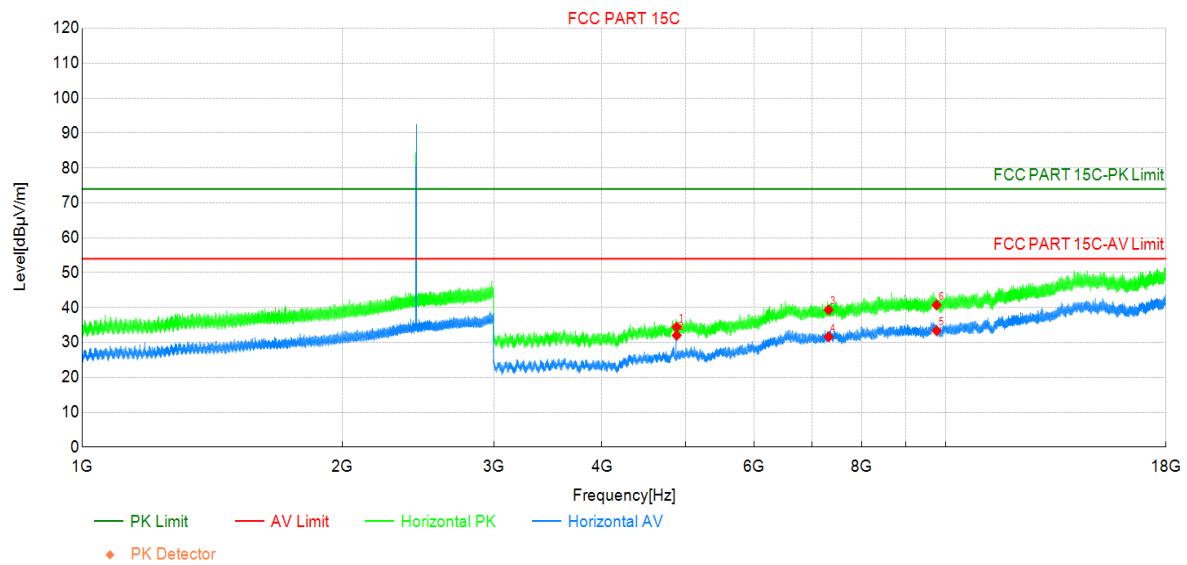


Transmit at 2440MHz by LE_2Mbps

Test Graph

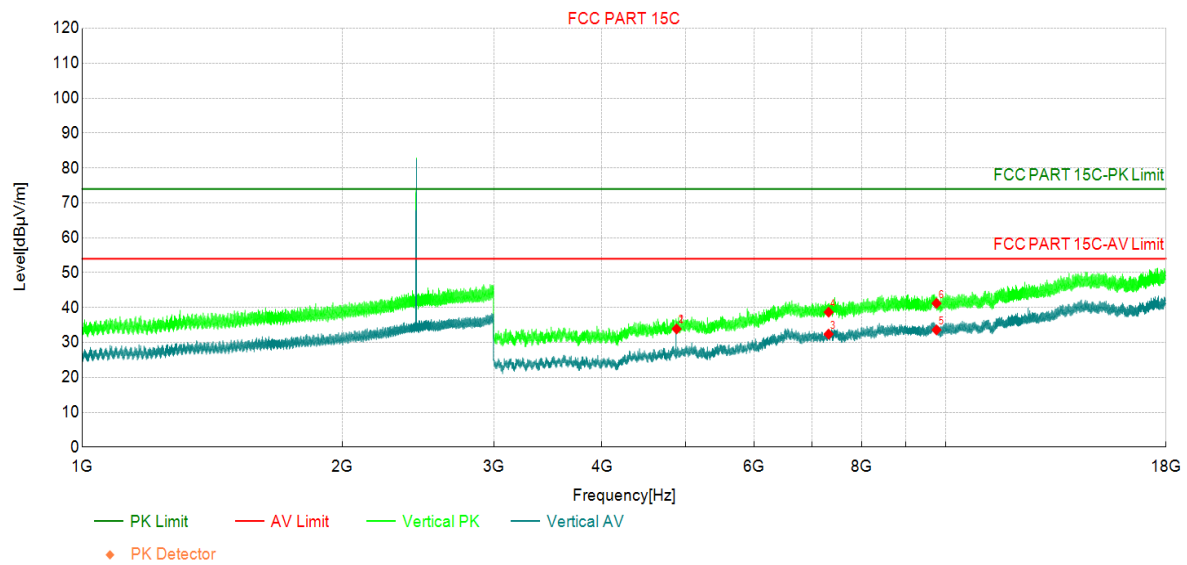


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	39.22	34.42	-4.80	74.00	39.58	PK	Horizo	PASS
2	4881.38	36.84	32.03	-4.81	54.00	21.97	AV	Horizo	PASS
3	7320.00	35.96	39.33	3.37	74.00	34.67	PK	Horizo	PASS
4	7320.00	28.26	31.63	3.37	54.00	22.37	AV	Horizo	PASS
5	9760.00	26.04	33.36	7.32	54.00	20.64	AV	Horizo	PASS
6	9760.00	33.40	40.72	7.32	74.00	33.28	PK	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

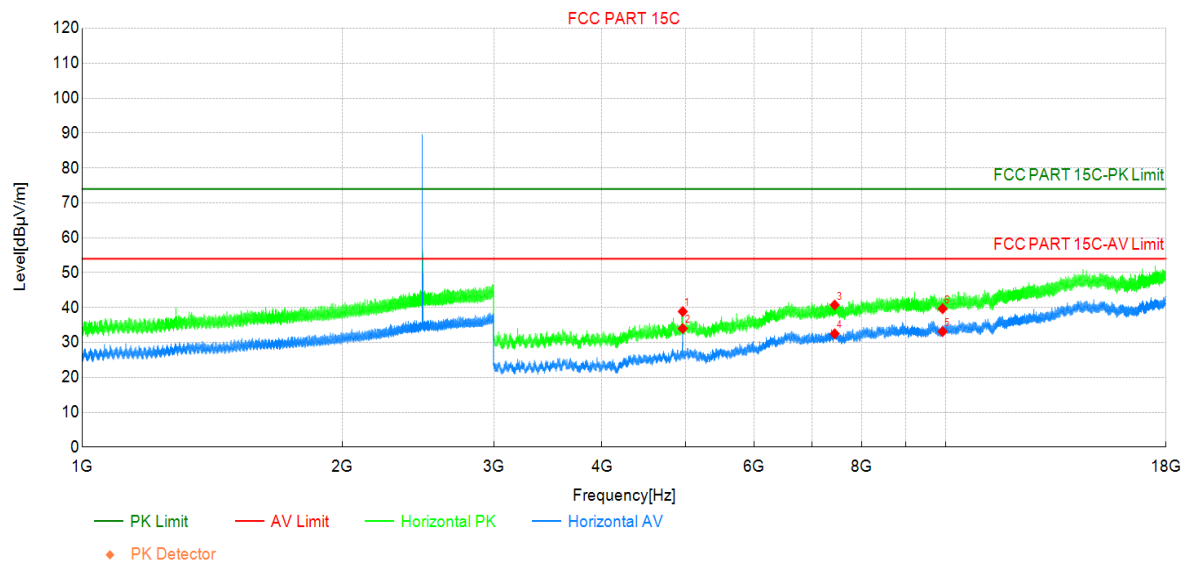


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	38.67	33.87	-4.80	74.00	40.13	PK	Vertic	PASS
2	4881.38	38.83	34.02	-4.81	54.00	19.98	AV	Vertic	PASS
3	7320.00	29.02	32.39	3.37	54.00	21.61	AV	Vertic	PASS
4	7320.00	35.31	38.68	3.37	74.00	35.32	PK	Vertic	PASS
5	9760.00	26.27	33.59	7.32	54.00	20.41	AV	Vertic	PASS
6	9760.00	33.89	41.21	7.32	74.00	32.79	PK	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph

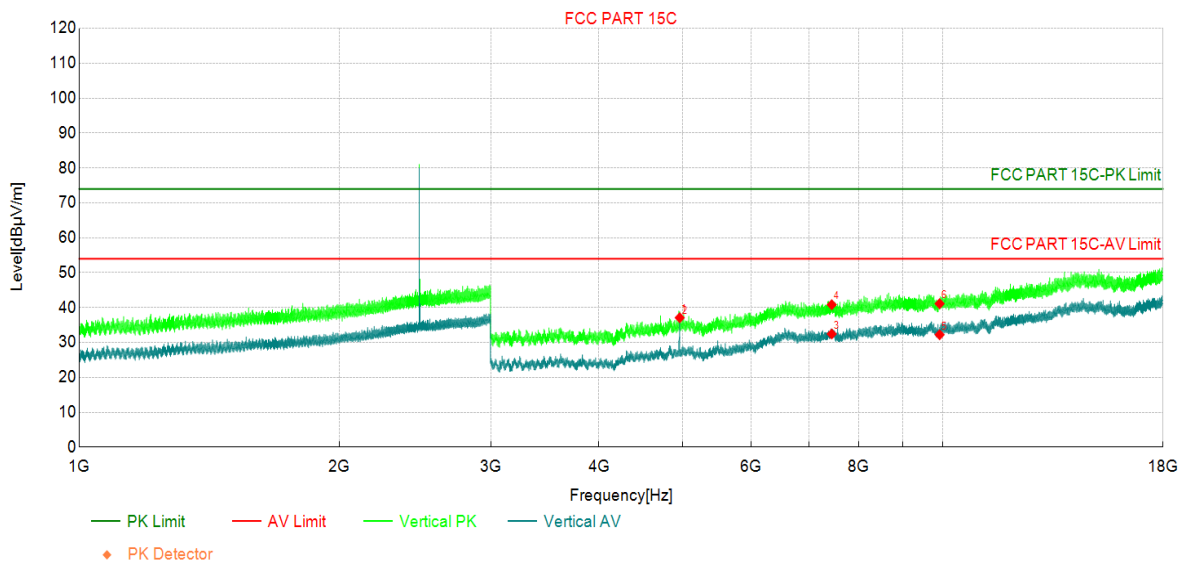


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.88	43.56	38.86	-4.70	74.00	35.14	PK	Horizo	PASS
2	4961.25	38.69	33.99	-4.70	54.00	20.01	AV	Horizo	PASS
3	7440.00	37.05	40.74	3.69	74.00	33.26	PK	Horizo	PASS
4	7440.00	28.80	32.49	3.69	54.00	21.51	AV	Horizo	PASS
5	9920.00	26.14	33.12	6.98	54.00	20.88	AV	Horizo	PASS
6	9920.00	32.69	39.67	6.98	74.00	34.33	PK	Horizo	PASS

Transmit at 2480MHz 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	4960.00	41.79	37.09	-4.70	74.00	36.91	PK	Vertic	PASS
2	4961.25	41.30	36.60	-4.70	54.00	17.40	AV	Vertic	PASS
3	7440.00	28.74	32.43	3.69	54.00	21.57	AV	Vertic	PASS
4	7440.00	37.12	40.81	3.69	74.00	33.19	PK	Vertic	PASS
5	9920.00	25.23	32.21	6.98	54.00	21.79	AV	Vertic	PASS
6	9920.00	34.13	41.11	6.98	74.00	32.89	PK	Vertic	PASS

Note:

1. Level = Reading + Factor .

2. Margin = Limit - Level.

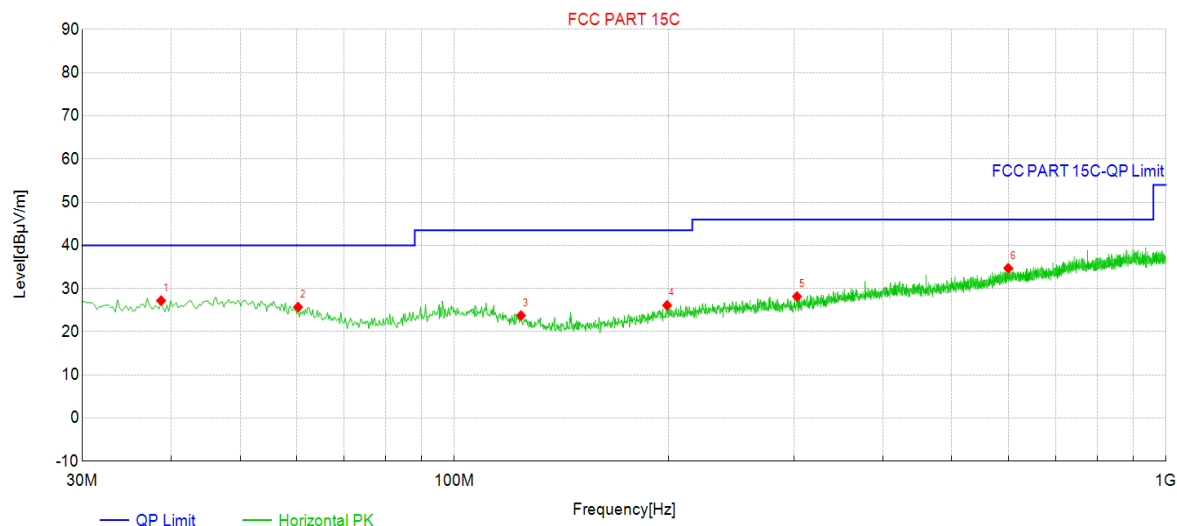
3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

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

Test Graph

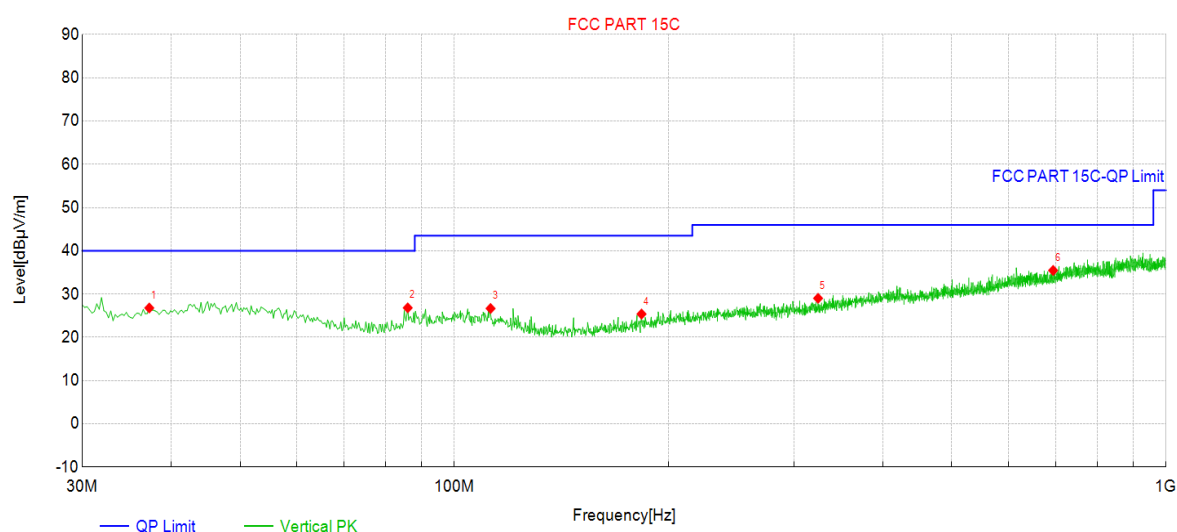


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	38.73	13.5	27.20	13.700	40.00	12.80	PK	Horizo	PASS
2	60.31	13.0	25.70	12.720	40.00	14.30	PK	Horizo	PASS
3	124.09	13.3	23.75	10.430	43.50	19.75	PK	Horizo	PASS
4	199.02	14.2	26.10	11.870	43.50	17.40	PK	Horizo	PASS
5	303.06	14.0	28.17	14.150	46.00	17.83	PK	Horizo	PASS
6	600.12	14.7	34.71	19.970	46.00	11.29	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph



Data List

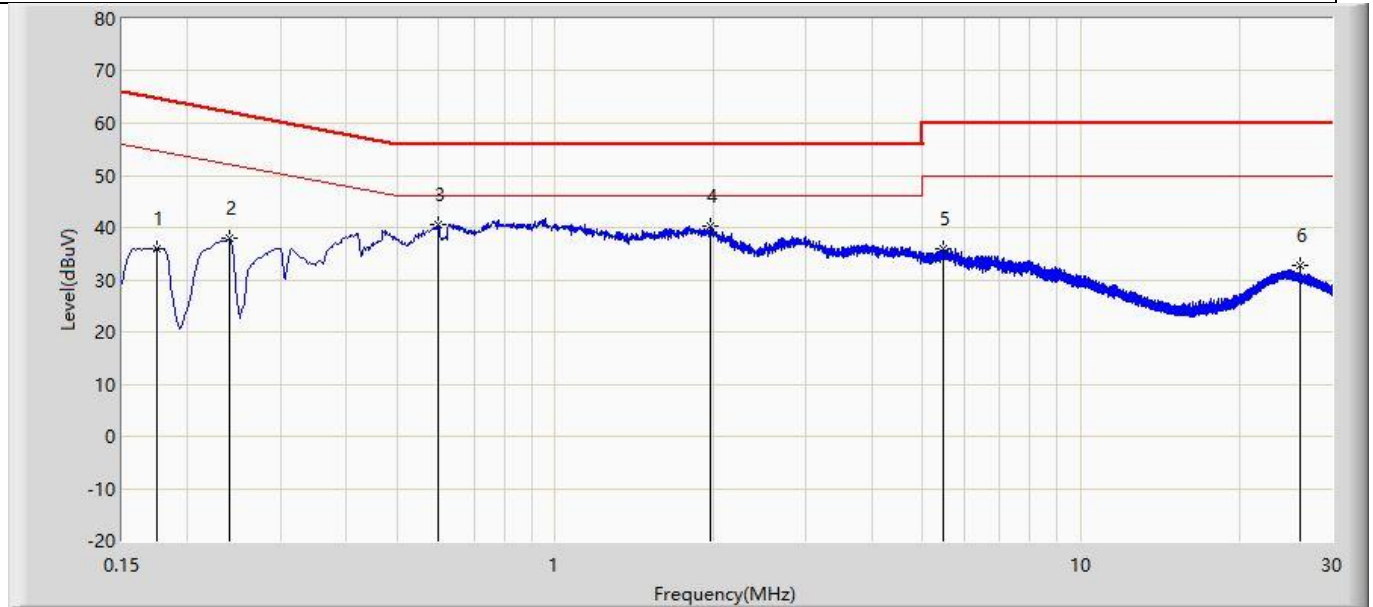
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	37.28	13.3	26.79	13.500	40.00	13.21	PK	Vertic	PASS
2	86.02	16.2	26.81	10.590	40.00	13.19	PK	Vertic	PASS
3	112.45	14.8	26.67	11.910	43.50	16.83	PK	Vertic	PASS
4	183.26	14.6	25.38	10.770	43.50	18.12	PK	Vertic	PASS
5	324.40	14.3	29.02	14.720	46.00	16.98	PK	Vertic	PASS
6	693.97	15.1	35.46	20.330	46.00	10.54	PK	Vertic	PASS

Note:

1. All Readings below 1GHz are PK, PK as an alternative to CISPR quasi-peak measurements or average measurements.
2. Level=Reading+Factor.

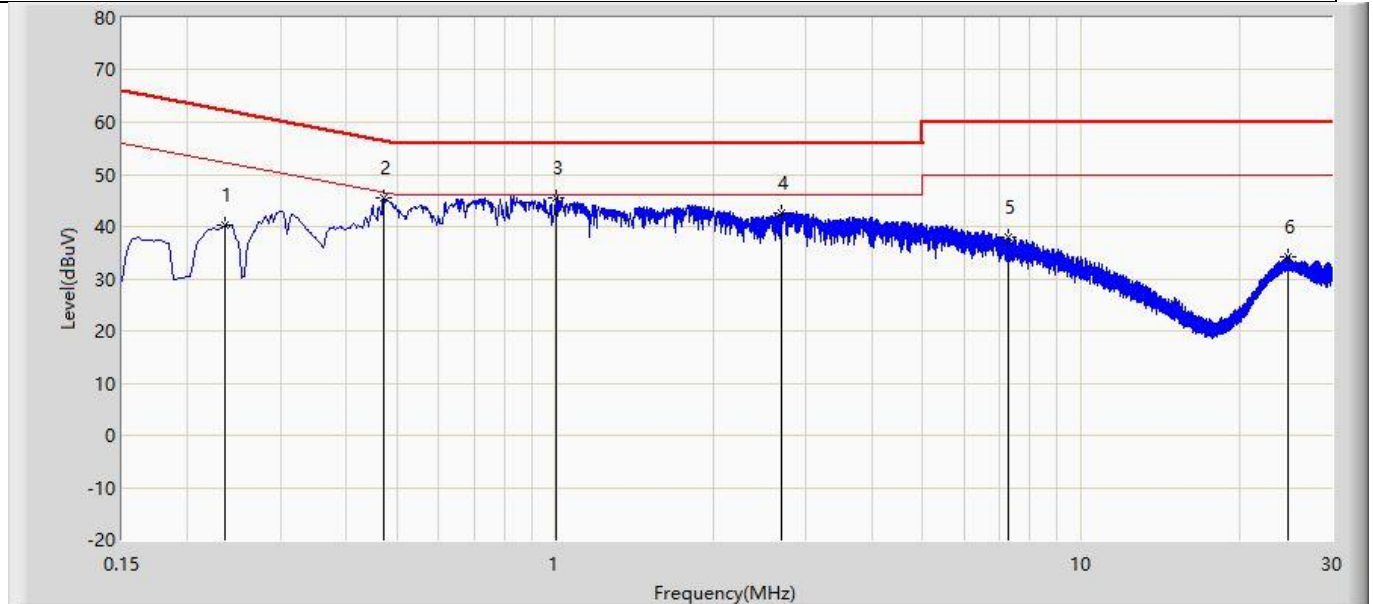
Appendix H: AC Power Line Conducted Emission

Profile: 2570578R	Page No.: 3
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/27 - 09:39
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Mobile computer	Power: AC 120V/60Hz
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		0.175	35.863	26.201	-28.857	64.720	9.663	QP
2		0.240	37.848	28.188	-24.248	62.096	9.661	QP
3	*	0.600	40.481	30.799	-15.519	56.000	9.682	QP
4		1.977	40.208	30.444	-15.792	56.000	9.765	QP
5		5.478	35.850	26.027	-24.150	60.000	9.823	QP
6		26.187	32.746	22.010	-27.254	60.000	10.736	QP

Profile: 2570578R	Page No.: 4
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/27 - 09:40
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Mobile computer	Power: AC 120V/60Hz
Note: Transmit at 2402MHz by LE_1Mbps	



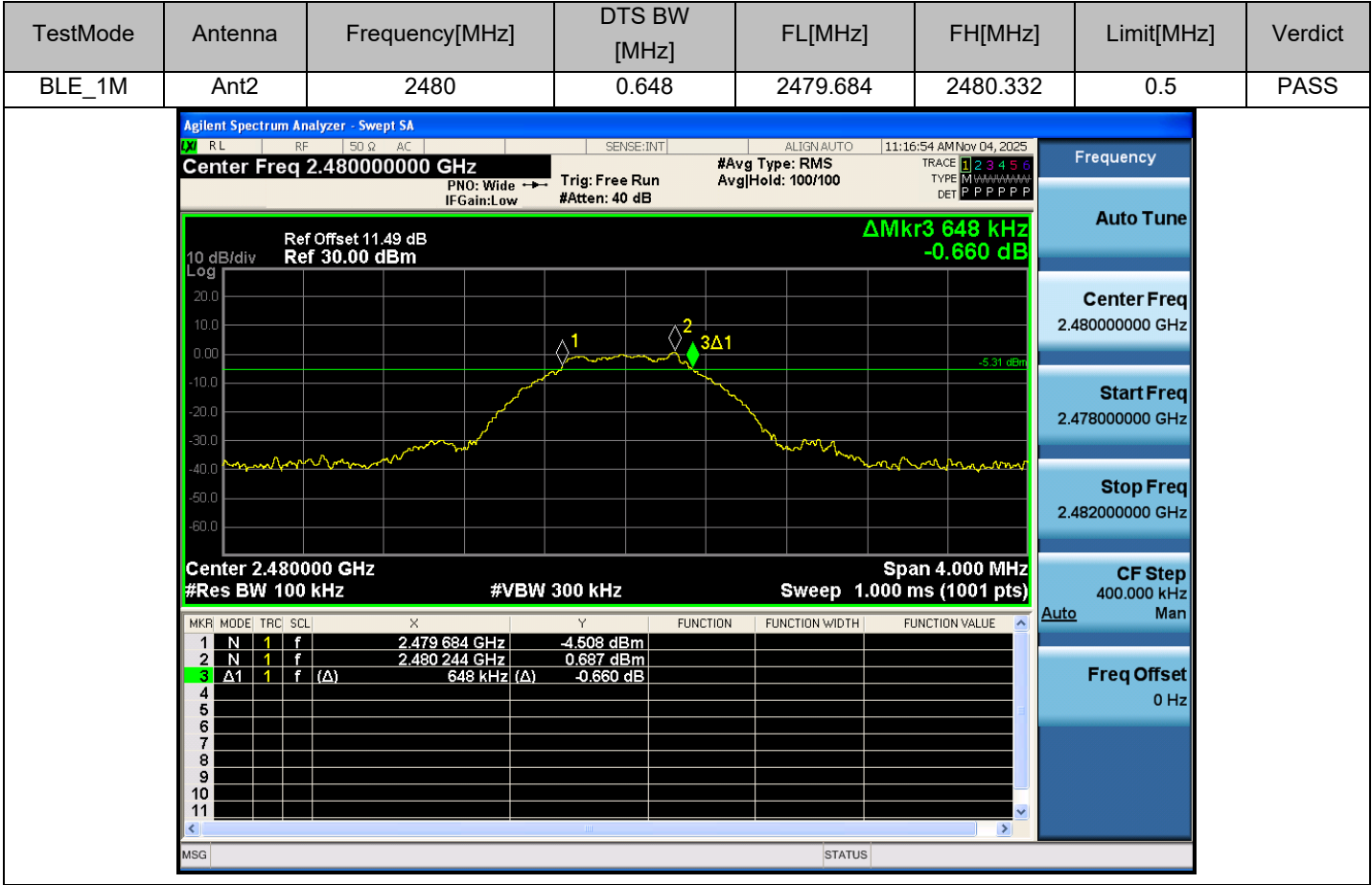
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.235	40.377	30.740	-21.894	62.271	9.638	QP
2		0.472	45.416	35.818	-11.063	56.479	9.597	QP
3	*	1.003	45.493	35.813	-10.507	56.000	9.680	QP
4		2.701	42.581	32.850	-13.419	56.000	9.732	QP
5		7.260	37.939	28.025	-22.061	60.000	9.914	QP
6		24.783	34.196	23.338	-25.804	60.000	10.858	QP

Note:

1. " * ", means this data is the worst emission level.

Appendix I: Variant spot check data

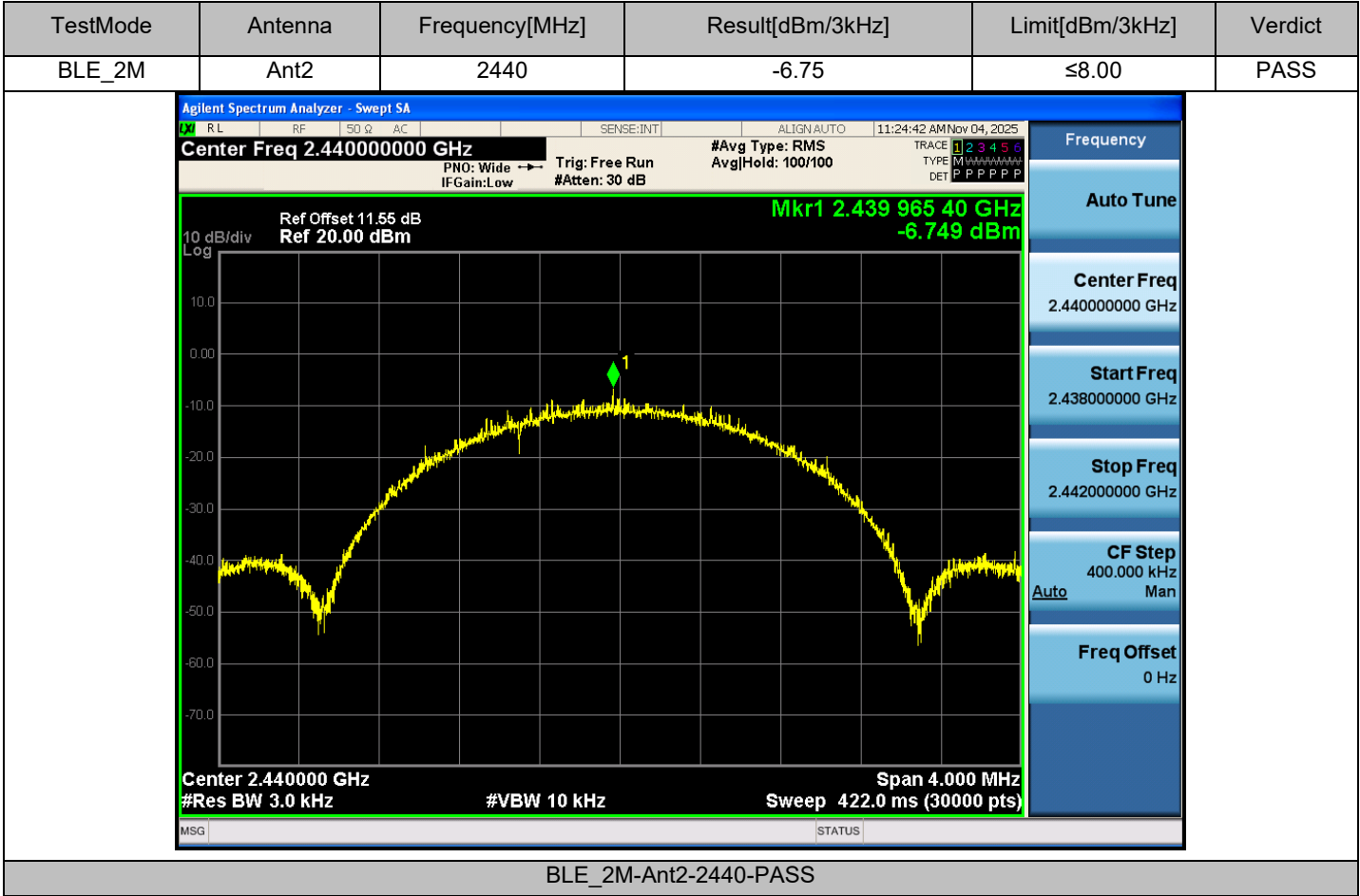
DTS Bandwidth:



Maximum conducted output power :

Test Mode	Frequency (MHz)	Measured Power (dBm)	Conducted Limit[dBm]
BLE-2M	2440	3.61	≤ 30

Maximum power spectral density :



Conducted Spurious Emission :

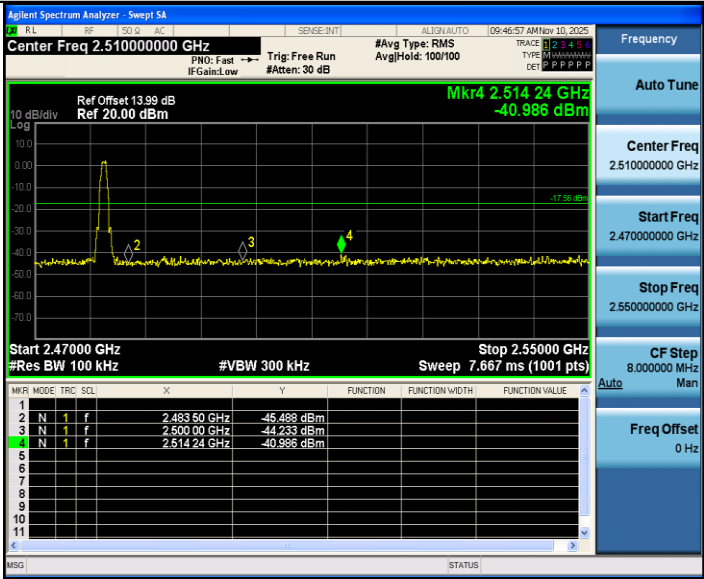
Reference level measurement

BLE_2M_Ant2_2480



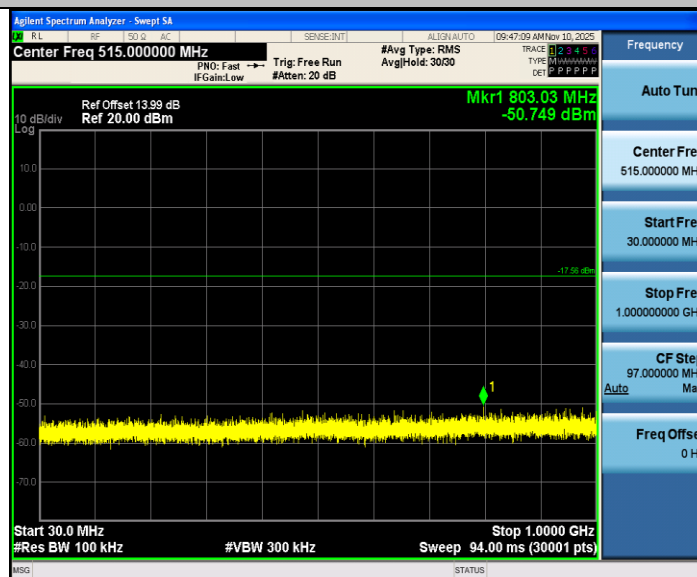
Band edge :

BLE_2M_Ant2_High_2480

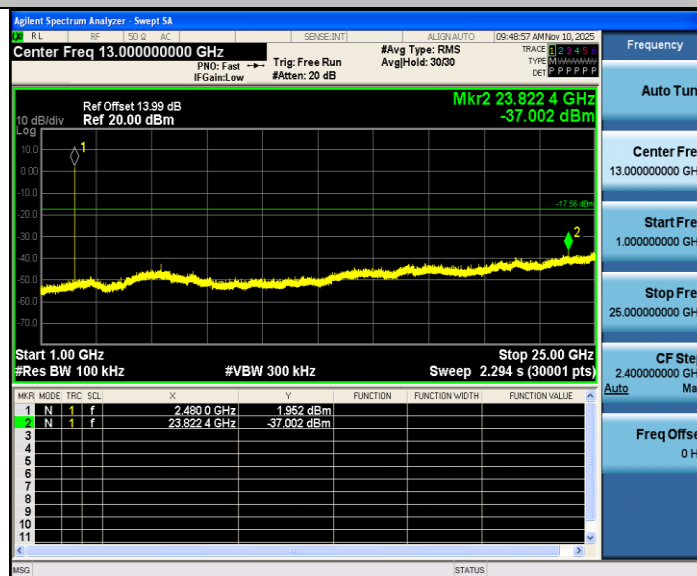


Conducted Spurious Emission :

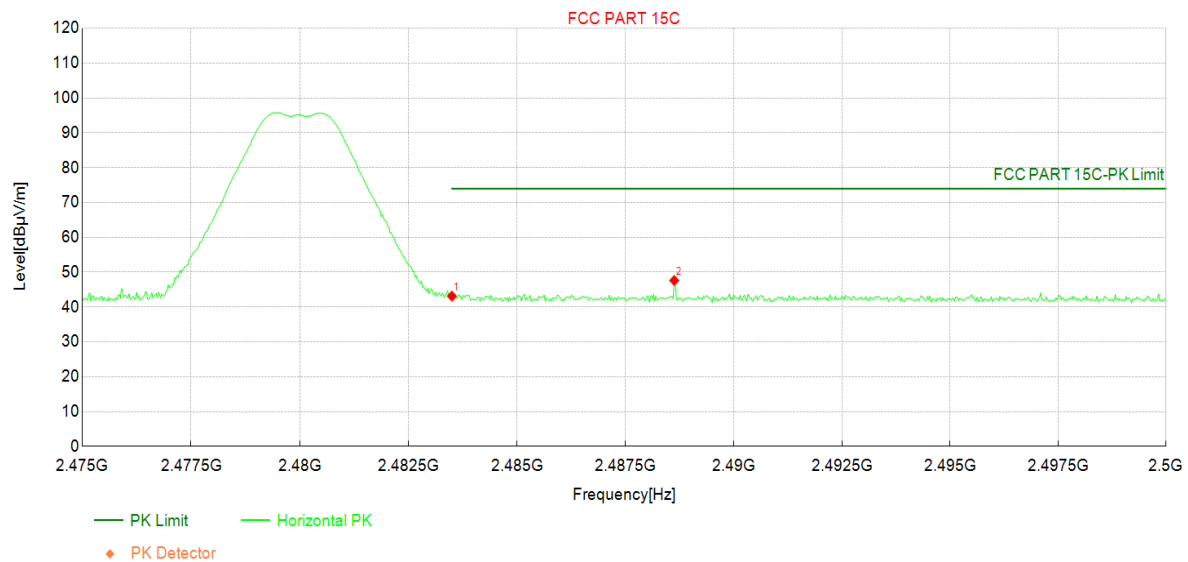
BLE_2M_Ant2_2480_30~1000



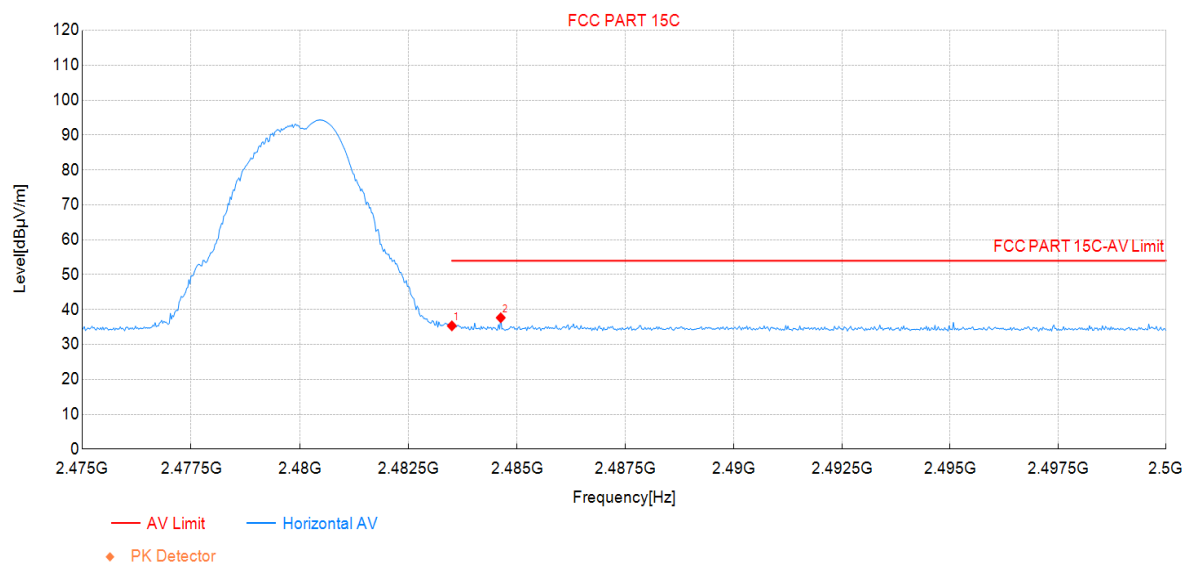
BLE_2M_Ant2_2480_1000~25000



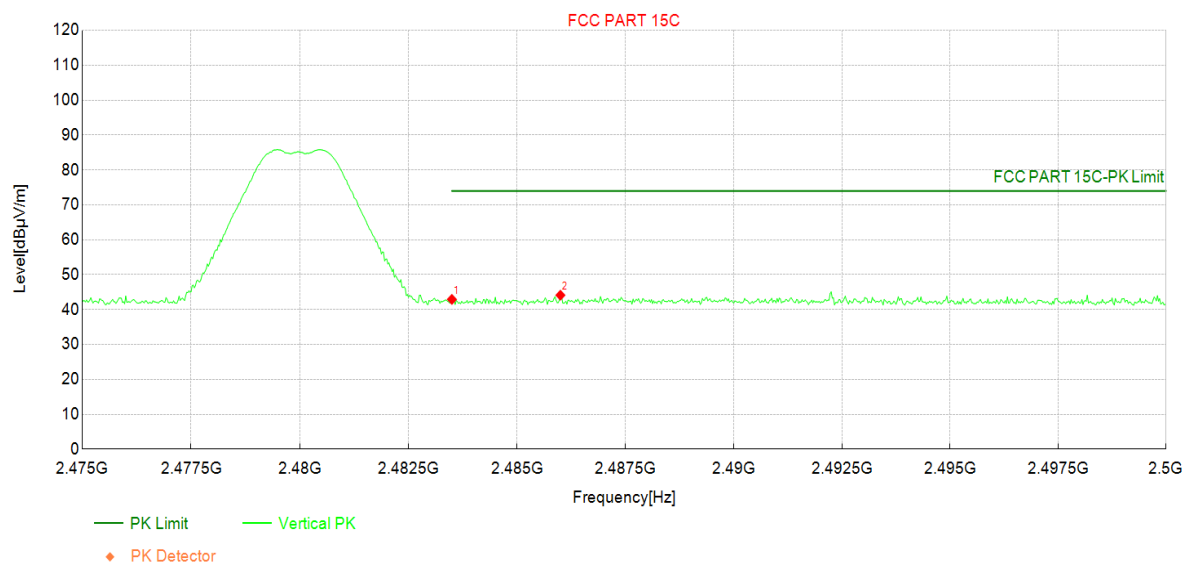
Note: The cable loss used in the test was the largest in the 30MHz-25GHz frequency band.

Band edge measurements:**Transmit at 2480MHz 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	2483.50	37.62	43.13	5.51	74.00	30.87	PK	Horizo	PASS
2	2488.63	42.10	47.63	5.53	74.00	26.37	PK	Horizo	PASS

Transmit at 2480MHz by LE_2Mbps*Test Graph***Data List**

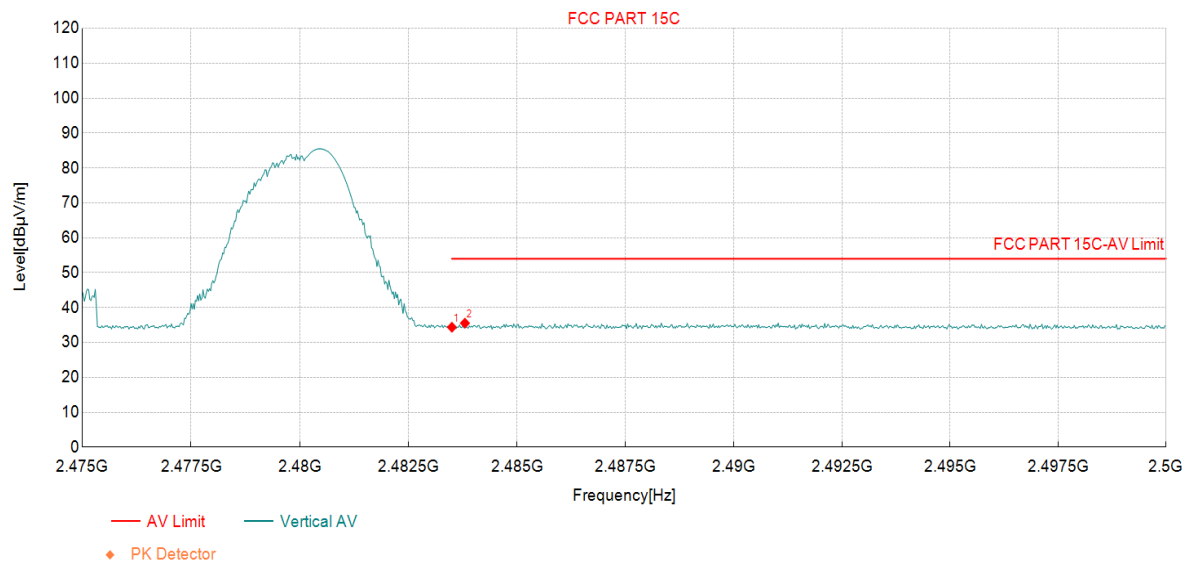
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	29.82	35.33	5.51	54.00	18.67	AV	Horizo	PASS
2	2484.63	32.12	37.65	5.53	54.00	16.35	AV	Horizo	PASS

Transmit at 2480MHz 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	2483.50	37.40	42.91	5.51	74.00	31.09	PK	Vertic	PASS
2	2486.00	38.59	44.12	5.53	74.00	29.88	PK	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph



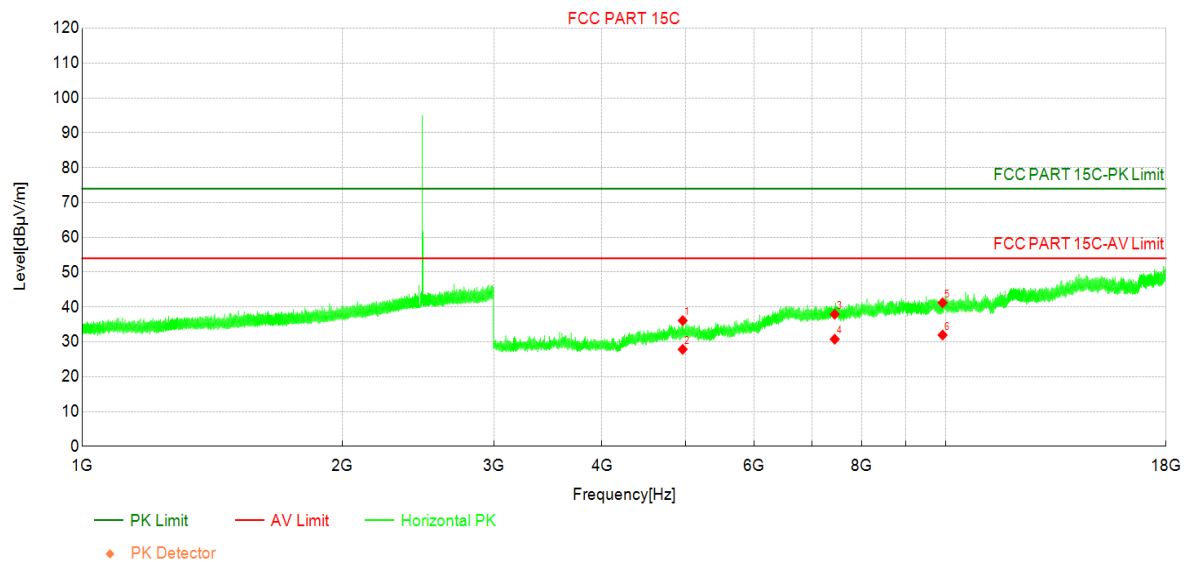
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	28.85	34.36	5.51	54.00	19.64	AV	Vertic	PASS
2	2483.80	30.02	35.53	5.51	54.00	18.47	AV	Vertic	PASS

Emissions in Restricted Band:

Transmit at 2480MHz by LE_2Mbps

Test Graph

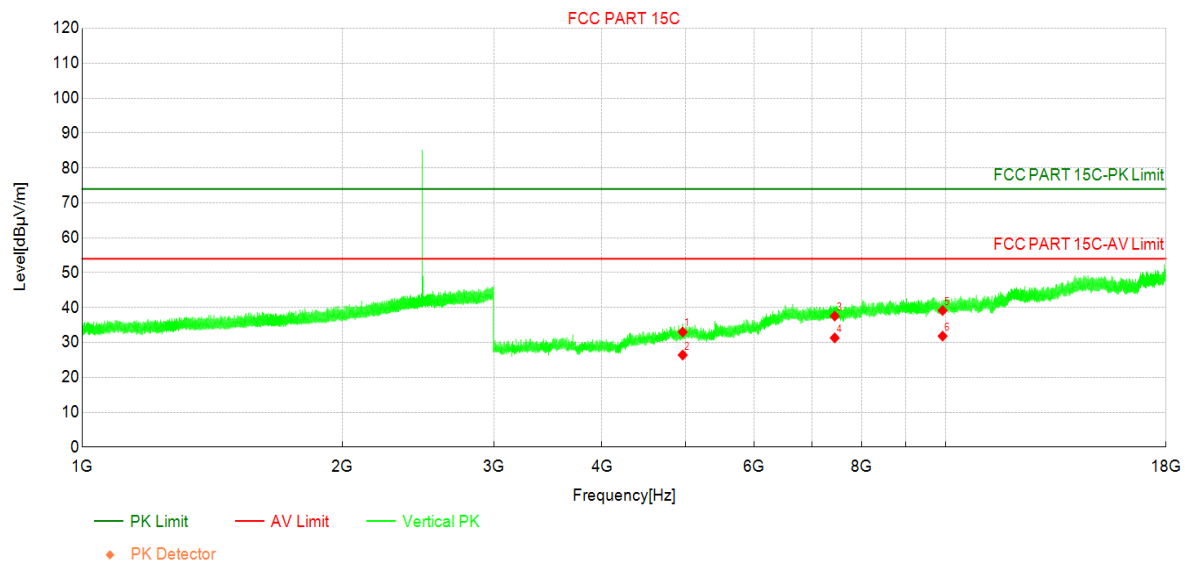


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.09	36.11	-4.98	74.00	37.89	PK	Horizo	PASS
2	4960.00	32.84	27.86	-4.98	54.00	26.14	AV	Horizo	PASS
3	7440.00	34.46	37.91	3.45	74.00	36.09	PK	Horizo	PASS
4	7440.00	27.31	30.76	3.45	54.00	23.24	AV	Horizo	PASS
5	9920.00	34.56	41.23	6.67	74.00	32.77	PK	Horizo	PASS
6	9920.00	25.29	31.96	6.67	54.00	22.04	AV	Horizo	PASS

Transmit at 2480MHz 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	4960.00	37.98	33.00	-4.98	74.00	41.00	PK	Vertic	PASS
2	4960.00	31.38	26.40	-4.98	54.00	27.60	AV	Vertic	PASS
3	7440.00	34.11	37.56	3.45	74.00	36.44	PK	Vertic	PASS
4	7440.00	27.85	31.30	3.45	54.00	22.70	AV	Vertic	PASS
5	9920.00	32.48	39.15	6.67	74.00	34.85	PK	Vertic	PASS
6	9920.00	25.15	31.82	6.67	54.00	22.18	AV	Vertic	PASS

Cross Reference Table:

Reference Device		Variant Device				Key differences		
FCC ID: V2X-PM84P		FCC ID: V2X-PM84PW				Removed 2/3/4&GNSS components		
Rule Part	Test item	Data Referencing	Comments	VdB	RdB	Limit	ddB	ddB Limit
15.247 (b)(3)	Conducted Output Power	Y	Pointer to full test exhibit	3.69 dBm	3.61 dBm	30dBm	-0.08	≤3dB
15.247 (a)(2)	DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	Y	Pointer to full test exhibit	0.576 MHz	0.648 MHz	>500kHz	0.072	≤3dB
15.247 (e)	Power Spectral Density	Y	Pointer to full test exhibit	-0.71 dBm/3kHz	-6.75 dBm/3kHz	8dBm/3kHz	-6.04	≤3dB
15.247(d)	RF Conducted Spurious Emissions	Y	Pointer to full test exhibit	2.724 dBm/100kHz	2.436 dBm/100kHz	30dBc(Note 1)	-0.288	≤3dB
15.247(d); 15.205 15.209	Radiated Spurious Emissions	Y	Pointer to full test exhibit	36.60 (dB μV/m)	31.96 (dB μV/m)	54 (dB μV/m)	-4.64	≤3dB
15.247(d); 15.205 15.209	Restricted bands around fundamental frequency (Radiated Emission)	Y	Pointer to full test exhibit	35.94 (dB μV/m)	37.65 (dB μV/m)	54 (dB μV/m)	1.71	≤3dB
FCC 15.207	AC Power Line Conducted Emission	N	Refresh test	N/A	N/A	N/A	N/A	N/A

Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

The End