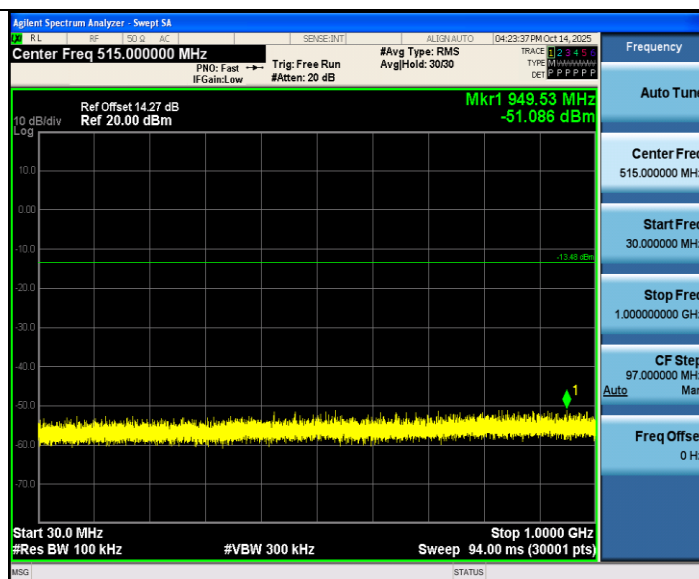
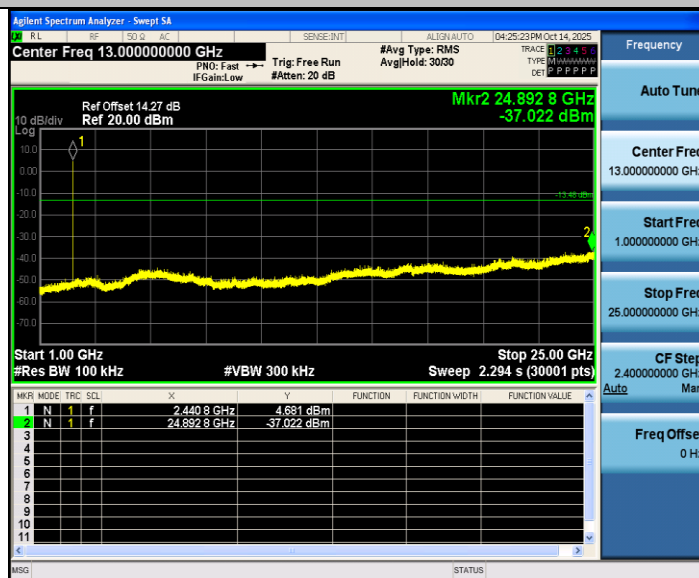
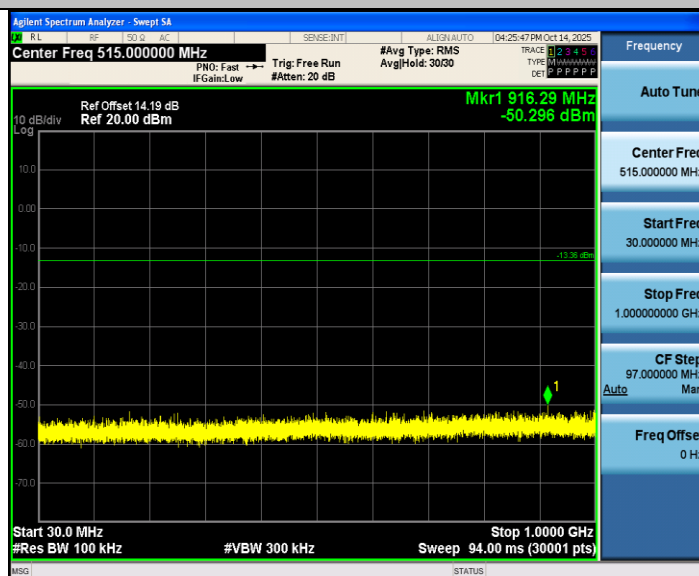




2DH5_Ant2_2441_1000~25000



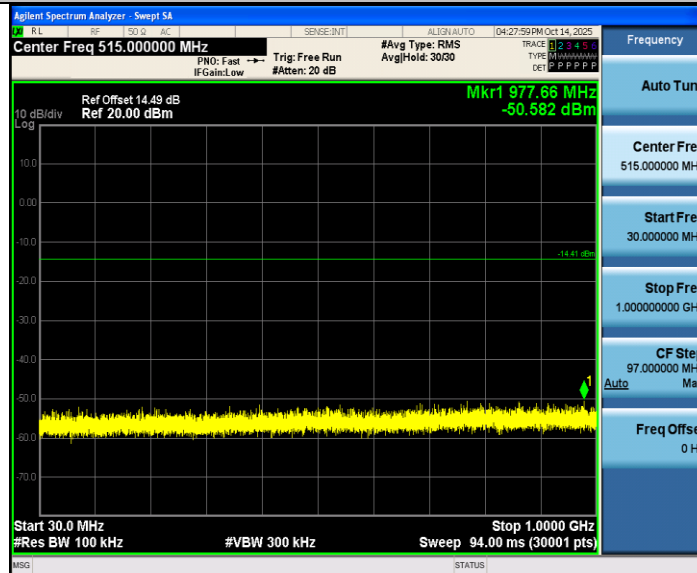
2DH5_Ant2_2480_30~1000



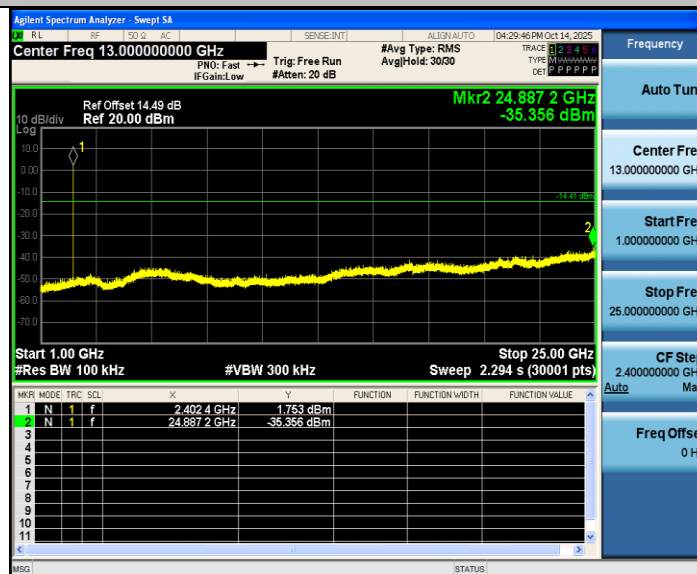
2DH5_Ant2_2480_1000~25000



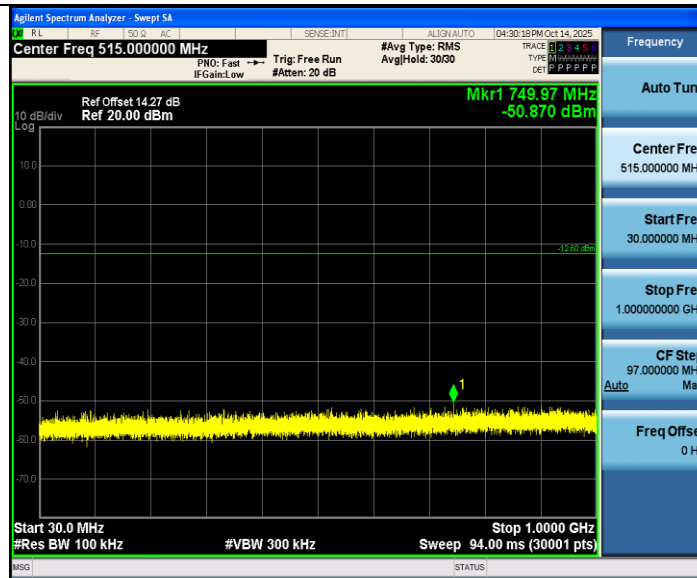
3DH5_Ant2_2402_30~1000



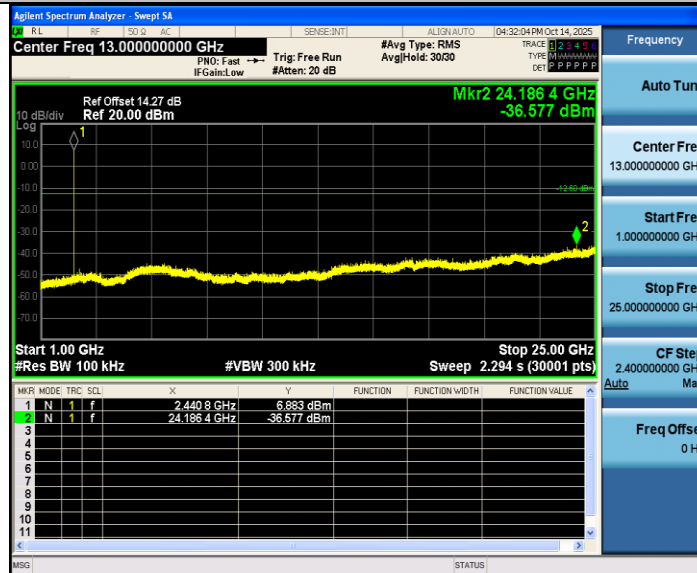
3DH5_Ant2_2402_1000~25000



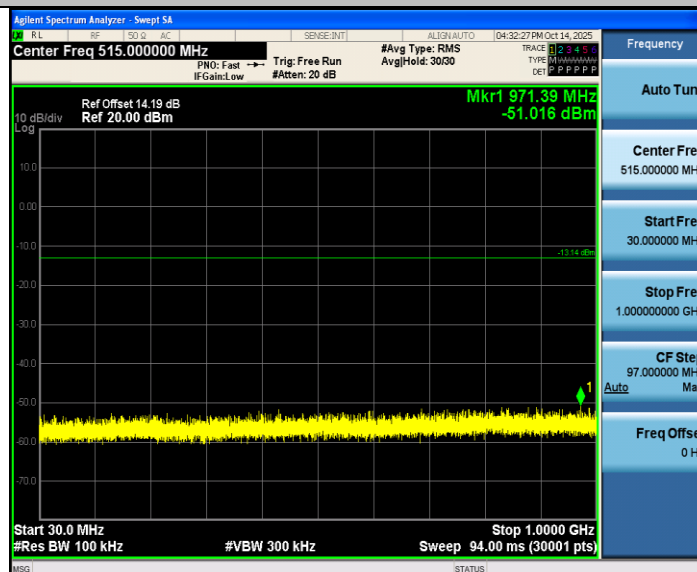
3DH5_Ant2_2441_30~1000



3DH5_Ant2_2441_1000~25000



3DH5_Ant2_2480_30~1000

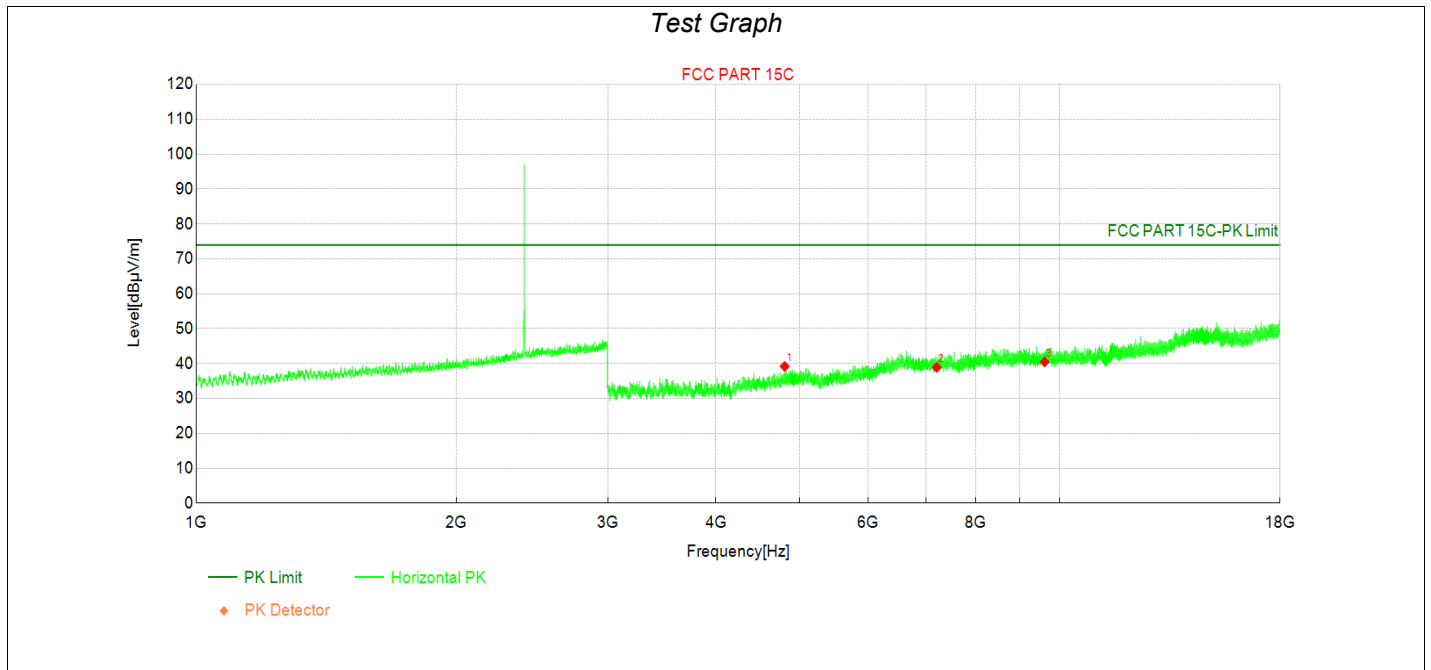


3DH5_Ant2_2480_1000~25000



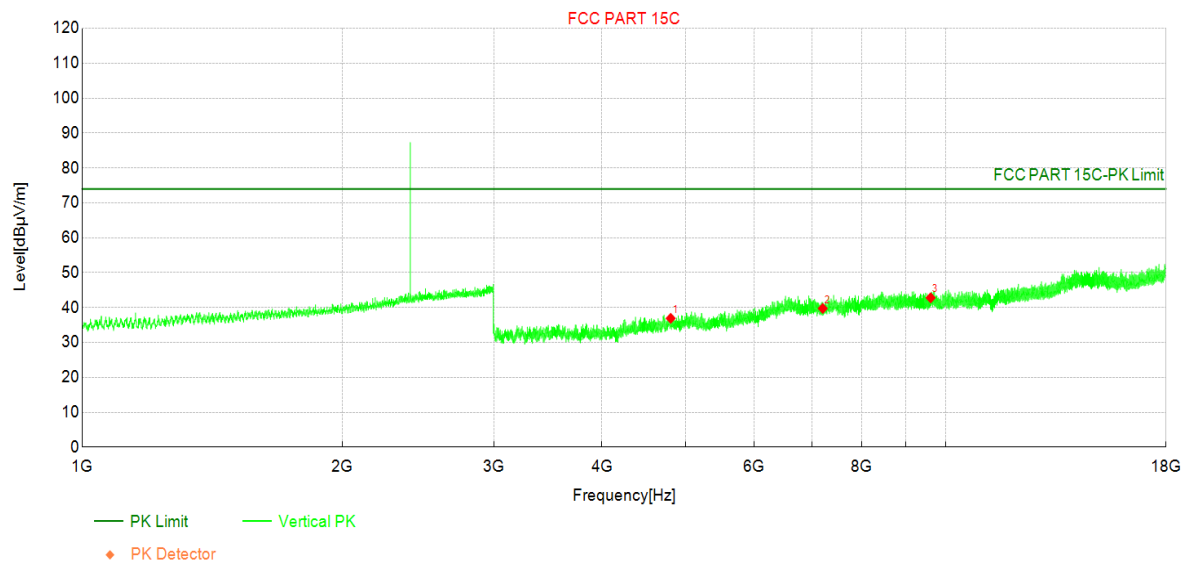
Appendix H: Emissions in Restricted Band

Transmit at 2402MHz by DH5



Data List

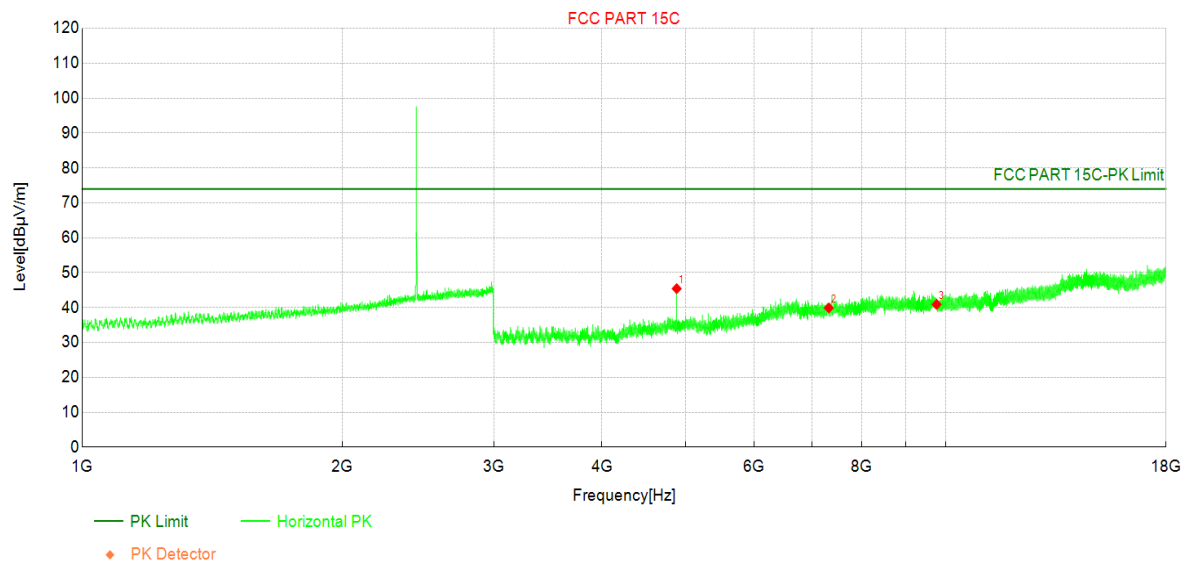
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	43.89	39.20	-4.69	74.00	34.80	PK	Horizo	PASS
	4804.00	-	14.41	-	54.00	39.59	AV	Horizo	PASS
2	7206.00	35.57	38.92	3.35	74.00	35.08	PK	Horizo	PASS
	7206.00	-	14.13	-	54.00	39.87	AV	Horizo	PASS
3	9608.00	33.66	40.48	6.82	74.00	33.52	PK	Horizo	PASS
	9608.00	-	15.69	-	54.00	38.31	AV	Horizo	PASS

Transmit at 2402MHz by DH5**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	41.61	36.92	-4.69	74.00	37.08	PK	Vertic	PASS
	4804.00	-	12.13	-	54.00	41.87	AV	Vertic	PASS
2	7206.00	36.39	39.74	3.35	74.00	34.26	PK	Vertic	PASS
	7206.00	-	14.95	-	54.00	39.05	AV	Vertic	PASS
3	9608.00	35.98	42.80	6.82	74.00	31.20	PK	Vertic	PASS
	9608.00	-	18.01	-	54.00	35.99	AV	Vertic	PASS

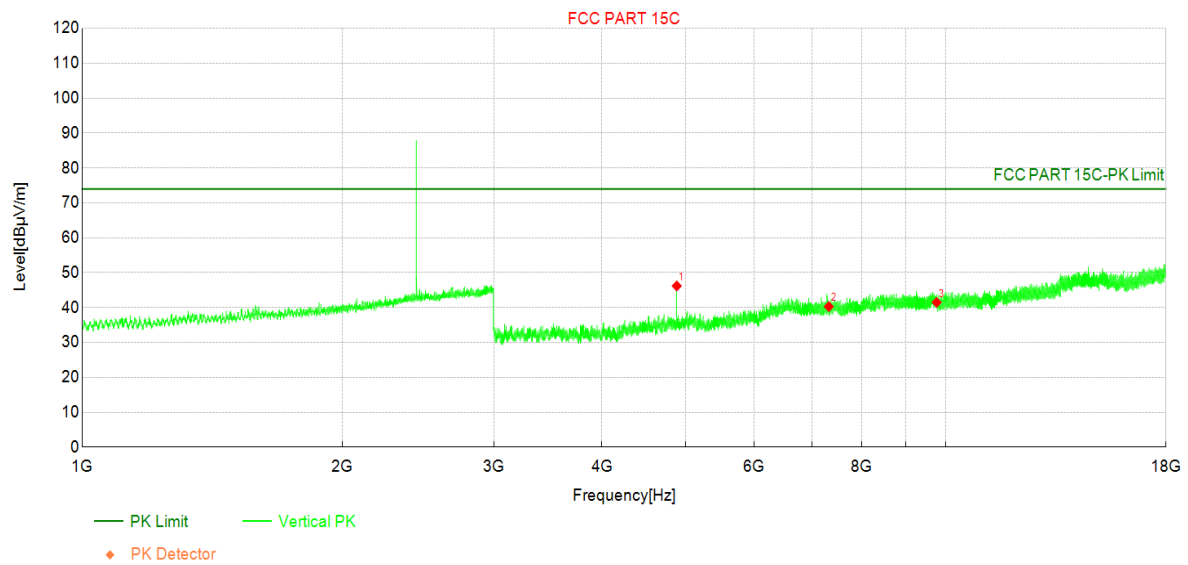
Transmit at 2441MHz by DH5

Test Graph

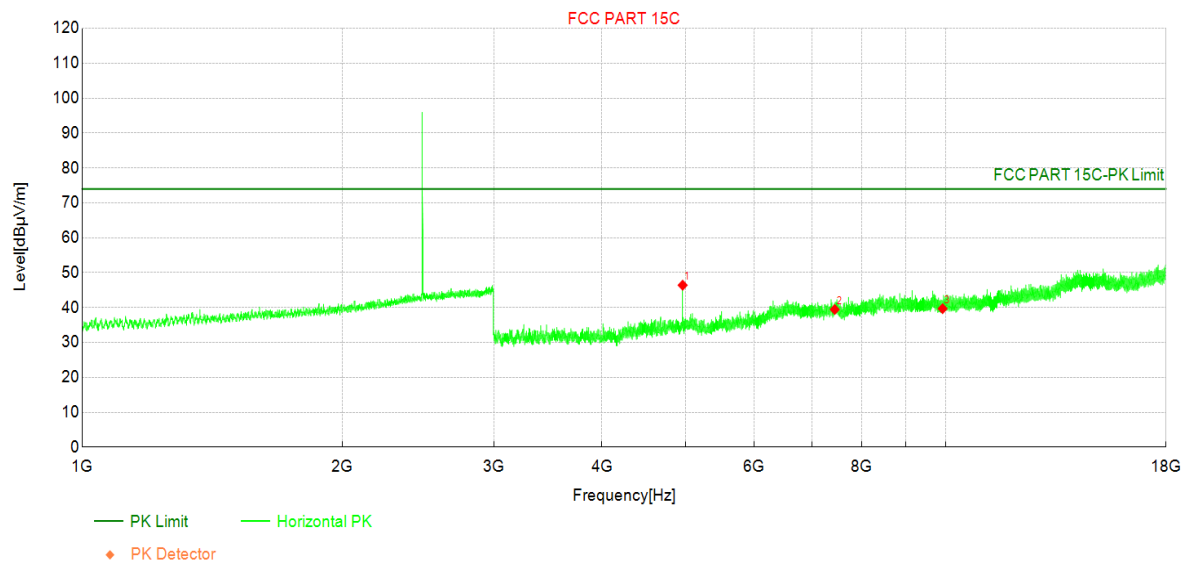


Data List

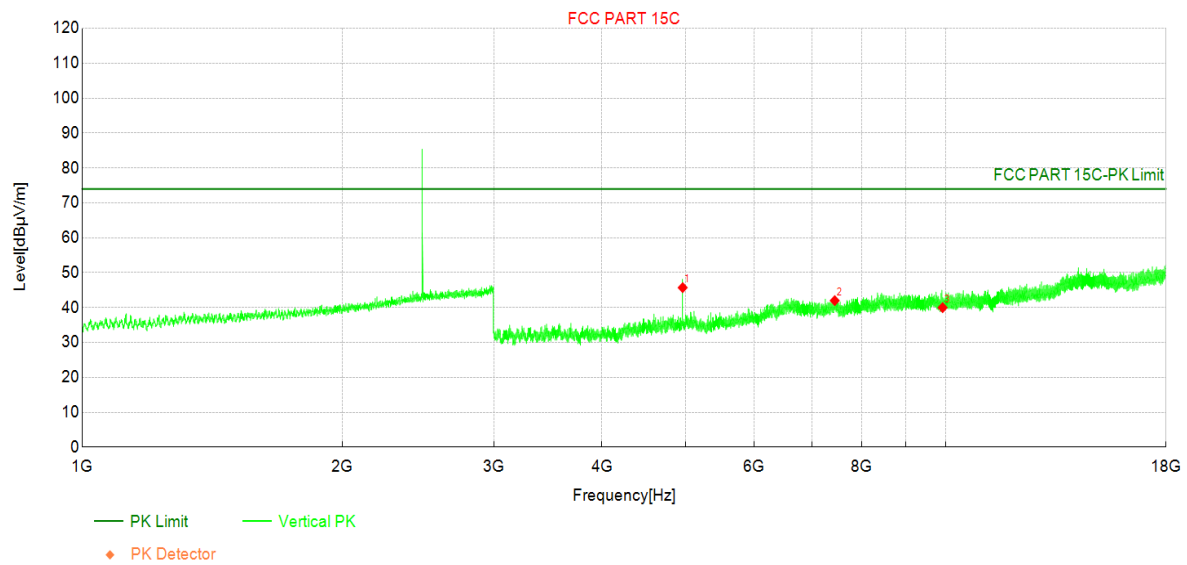
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	50.23	45.42	-4.81	74.00	28.58	PK	Horizo	PASS
	4882.00	-	20.63	-	54.00	33.37	AV	Horizo	PASS
2	7323.00	36.52	39.89	3.37	74.00	34.11	PK	Horizo	PASS
	7323.00	-	15.10	-	54.00	38.90	AV	Horizo	PASS
3	9764.00	33.63	40.91	7.28	74.00	33.09	PK	Horizo	PASS
	9764.00	-	16.12	-	54.00	37.88	AV	Horizo	PASS

Transmit at 2441MHz by DH5**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	51.00	46.19	-4.81	74.00	27.81	PK	Vertic	PASS
	4882.00	-	21.40	-	54.00	32.60	AV	Vertic	PASS
2	7323.00	36.92	40.29	3.37	74.00	33.71	PK	Vertic	PASS
	7323.00	-	15.50	-	54.00	38.50	AV	Vertic	PASS
3	9764.00	34.20	41.48	7.28	74.00	32.52	PK	Vertic	PASS
	9764.00	-	16.69	-	54.00	37.31	AV	Vertic	PASS

Transmit at 2480MHz by DH5**Test Graph****Data List**

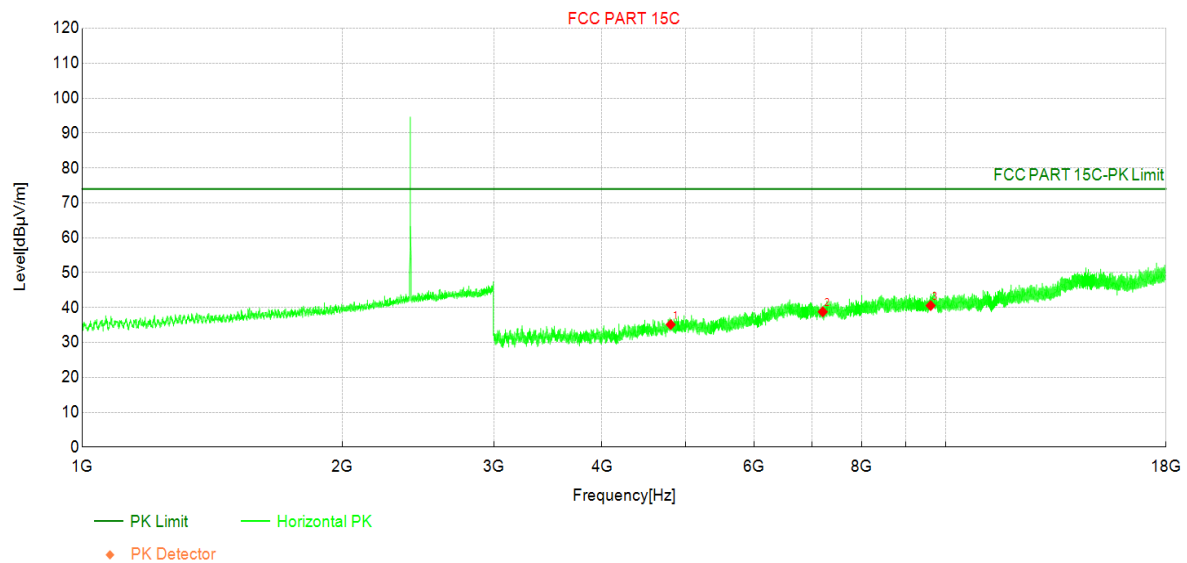
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	51.11	46.41	-4.70	74.00	27.59	PK	Horizo	PASS
	4960.00	-	21.62	-	54.00	32.38	AV	Horizo	PASS
2	7440.00	35.76	39.45	3.69	74.00	34.55	PK	Horizo	PASS
	7440.00	-	14.66	-	54.00	39.34	AV	Horizo	PASS
3	9920.00	32.72	39.69	6.97	74.00	34.31	PK	Horizo	PASS
	9920.00	-	14.90	-	54.00	39.10	AV	Horizo	PASS

Transmit at 2480MHz by DH5**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	50.41	45.71	-4.70	74.00	28.29	PK	Vertic	PASS
	4960.00	-	20.92	-	54.00	33.08	AV	Vertic	PASS
2	7440.00	38.30	41.99	3.69	74.00	32.01	PK	Vertic	PASS
	7440.00	-	17.20	-	54.00	36.80	AV	Vertic	PASS
3	9920.00	33.01	39.98	6.97	74.00	34.02	PK	Vertic	PASS
	9920.00	-	15.19	-	54.00	38.81	AV	Vertic	PASS

Transmit at 2402MHz by 2DH5

Test Graph

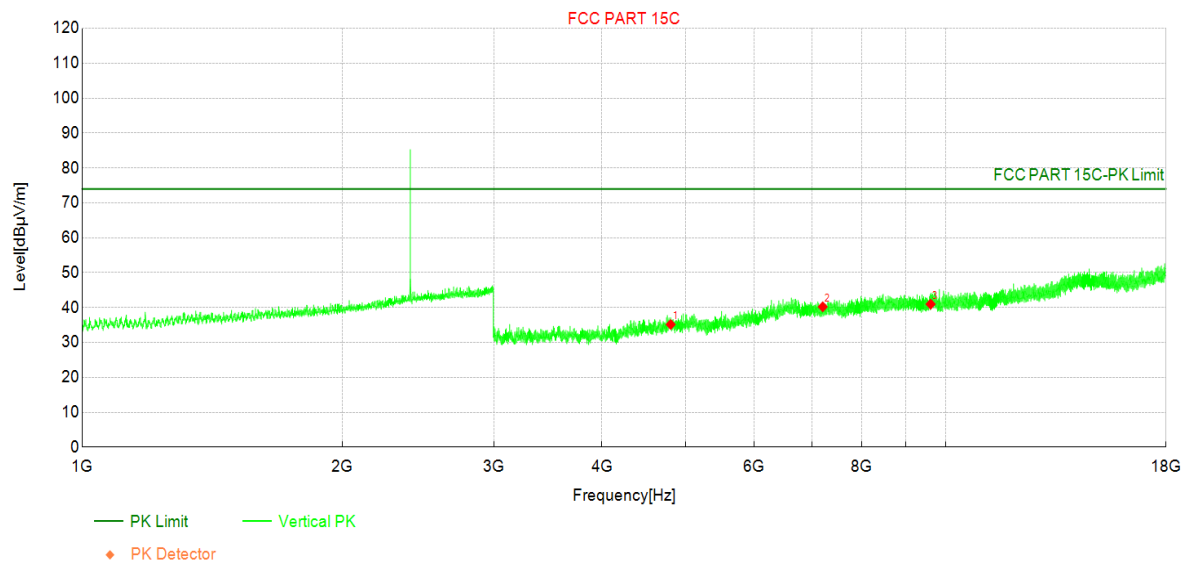


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.82	35.13	-4.69	74.00	38.87	PK	Horizo	PASS
	4804.00	-	10.34	-	54.00	43.66	AV	Horizo	PASS
2	7206.00	35.44	38.79	3.35	74.00	35.21	PK	Horizo	PASS
	7206.00	-	14.00	-	54.00	40.00	AV	Horizo	PASS
3	9608.00	33.75	40.57	6.82	74.00	33.43	PK	Horizo	PASS
	9608.00	-	15.78	-	54.00	38.22	AV	Horizo	PASS

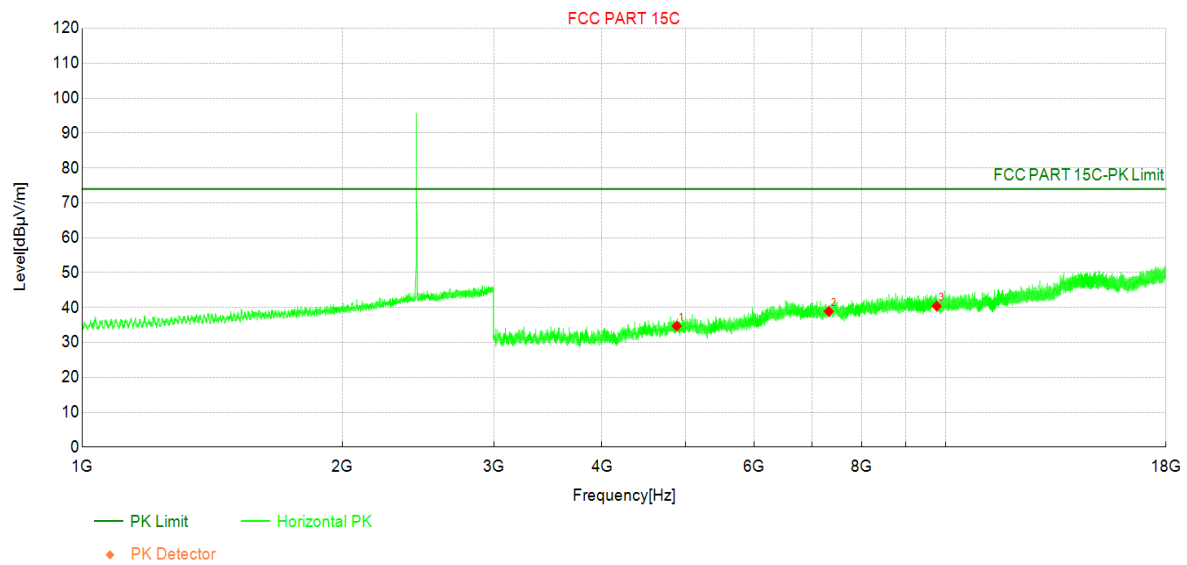
Transmit at 2402MHz by 2DH5

Test Graph



Data List

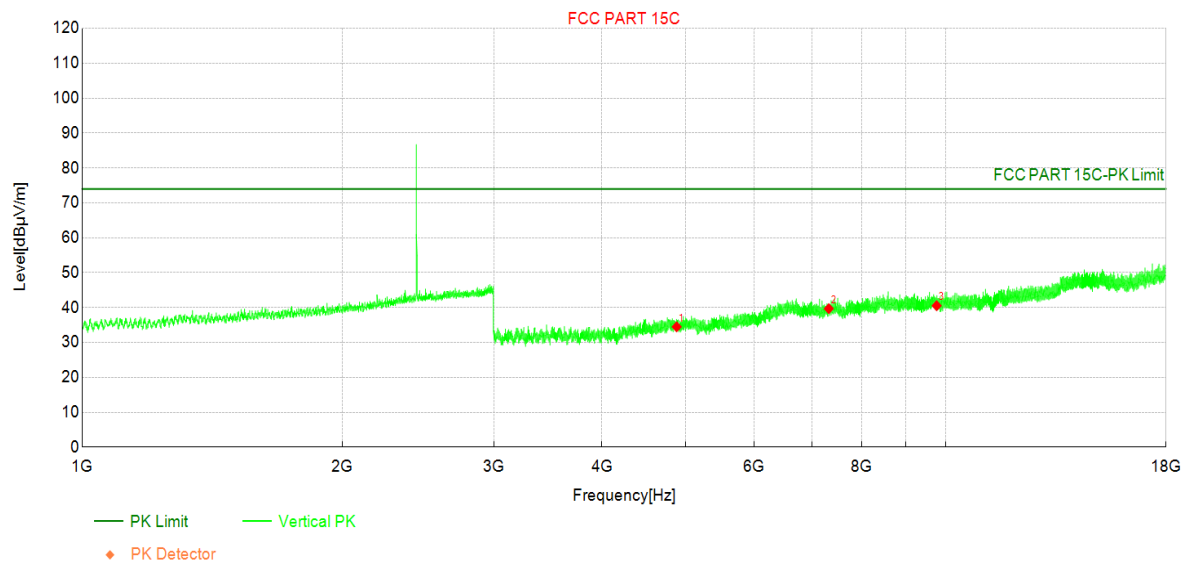
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.85	35.16	-4.69	74.00	38.84	PK	Vertic	PASS
	4804.00	-	10.37	-	54.00	43.63	AV	Vertic	PASS
2	7206.00	36.87	40.22	3.35	74.00	33.78	PK	Vertic	PASS
	7206.00	-	15.43	-	54.00	38.57	AV	Vertic	PASS
3	9608.00	34.15	40.97	6.82	74.00	33.03	PK	Vertic	PASS
	9608.00	-	16.18	-	54.00	37.82	AV	Vertic	PASS

Transmit at 2441MHz by 2DH5**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	39.50	34.69	-4.81	74.00	39.31	PK	Horizo	PASS
	4882.00	-	9.90	-	54.00	44.10	AV	Horizo	PASS
2	7323.00	35.52	38.89	3.37	74.00	35.11	PK	Horizo	PASS
	7323.00	-	14.10	-	54.00	39.90	AV	Horizo	PASS
3	9764.00	33.14	40.42	7.28	74.00	33.58	PK	Horizo	PASS
	9764.00	-	15.63	-	54.00	38.37	AV	Horizo	PASS

Transmit at 2441MHz by 2DH5

Test Graph

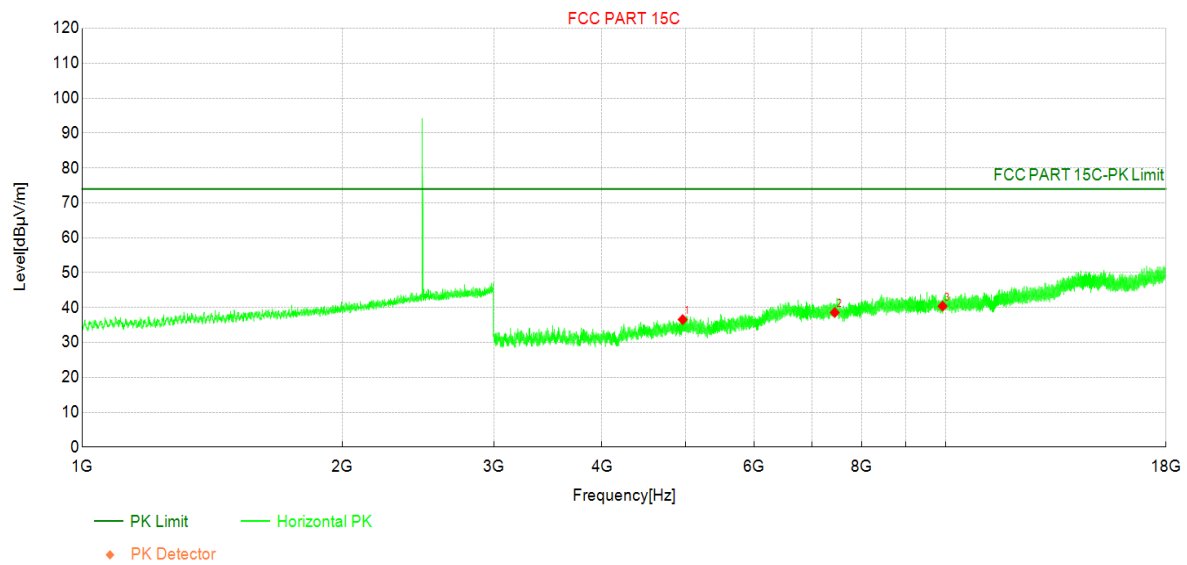


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	39.29	34.48	-4.81	74.00	39.52	PK	Vertic	PASS
	4882.00	-	9.69	-	54.00	44.31	AV	Vertic	PASS
2	7323.00	36.32	39.69	3.37	74.00	34.31	PK	Vertic	PASS
	7323.00	-	14.90	-	54.00	39.10	AV	Vertic	PASS
3	9764.00	33.25	40.53	7.28	74.00	33.47	PK	Vertic	PASS
	9764.00	-	15.74	-	54.00	38.26	AV	Vertic	PASS

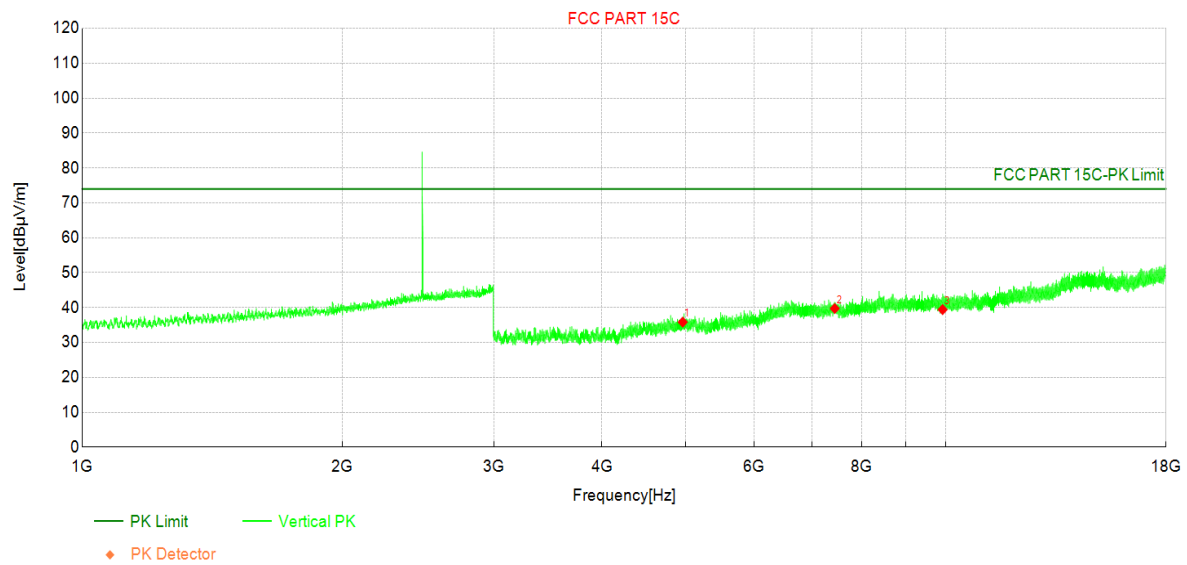
Transmit at 2480MHz by 2DH5

Test Graph



Data List

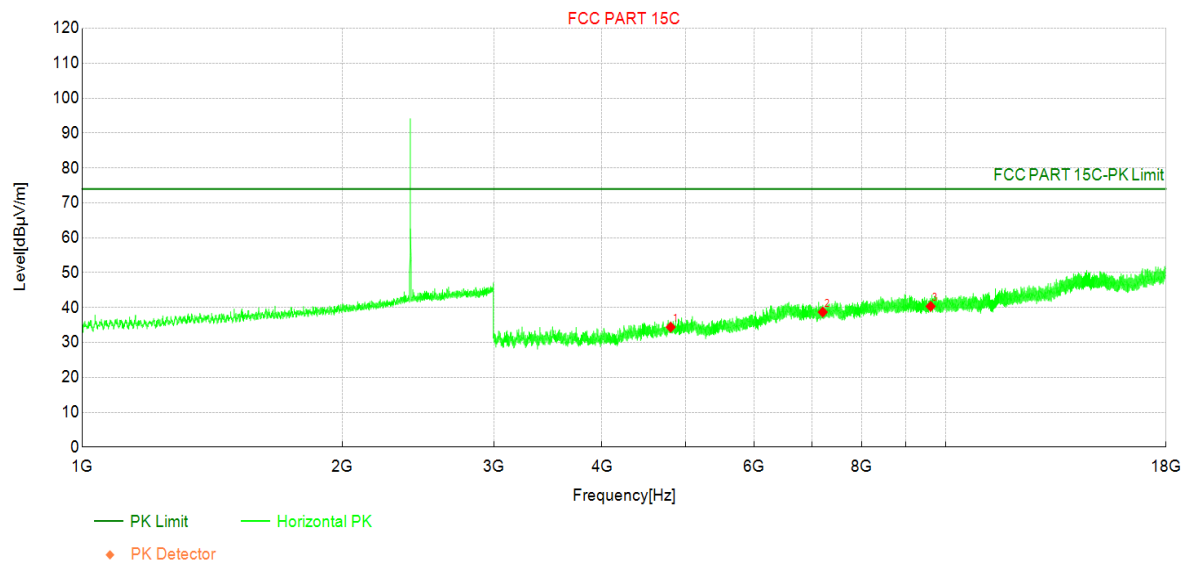
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.25	36.55	-4.70	74.00	37.45	PK	Horizo	PASS
	4960.00	-	11.76	-	54.00	42.24	AV	Horizo	PASS
2	7440.00	34.87	38.56	3.69	74.00	35.44	PK	Horizo	PASS
	7440.00	-	13.77	-	54.00	40.23	AV	Horizo	PASS
3	9920.00	33.44	40.41	6.97	74.00	33.59	PK	Horizo	PASS
	9920.00	-	15.62	-	54.00	38.38	AV	Horizo	PASS

Transmit at 2480MHz by 2DH5**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	40.53	35.83	-4.70	74.00	38.17	PK	Vertic	PASS
	4960.00	-	11.04	-	54.00	42.96	AV	Vertic	PASS
2	7440.00	36.04	39.73	3.69	74.00	34.27	PK	Vertic	PASS
	7440.00	-	14.94	-	54.00	39.06	AV	Vertic	PASS
3	9920.00	32.45	39.42	6.97	74.00	34.58	PK	Vertic	PASS
	9920.00	-	14.63	-	54.00	39.37	AV	Vertic	PASS

Transmit at 2402MHz by 3DH5

Test Graph

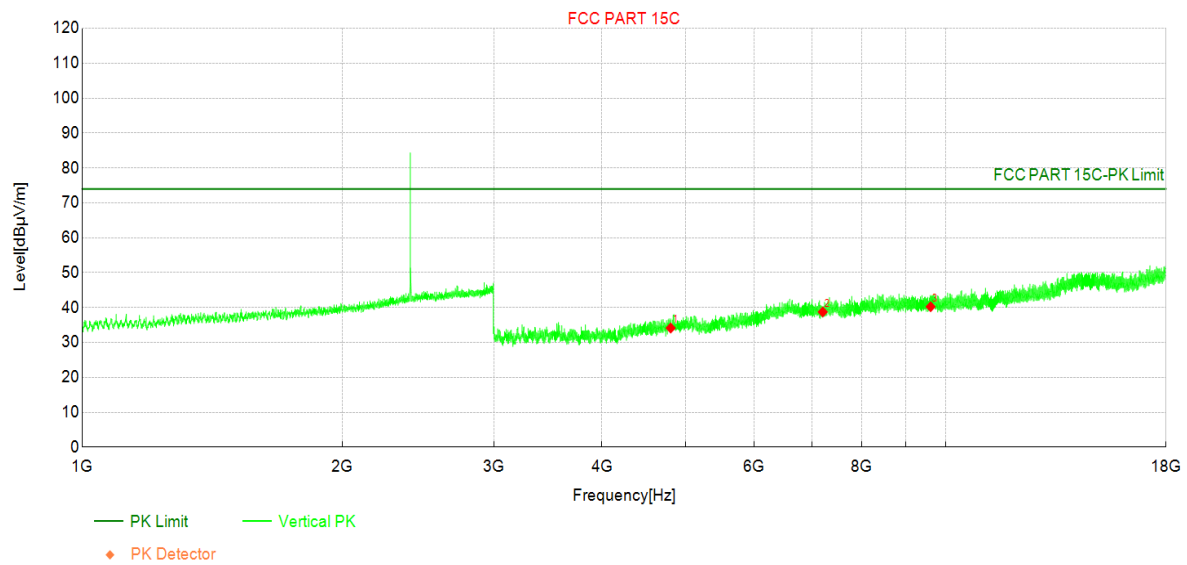


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.07	34.38	-4.69	74.00	39.62	PK	Horizo	PASS
	4804.00	-	9.59	-	54.00	44.41	AV	Horizo	PASS
2	7206.00	35.36	38.71	3.35	74.00	35.29	PK	Horizo	PASS
	7206.00	-	13.92	-	54.00	40.08	AV	Horizo	PASS
3	9608.00	33.52	40.34	6.82	74.00	33.66	PK	Horizo	PASS
	9608.00	-	15.55	-	54.00	38.45	AV	Horizo	PASS

Transmit at 2402MHz by 3DH5

Test Graph

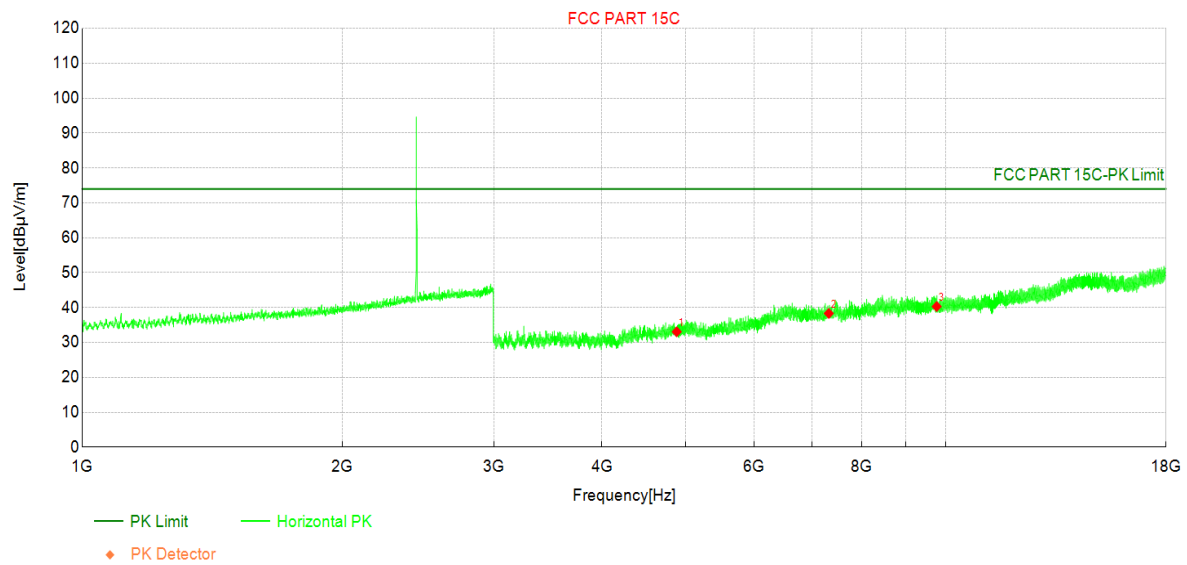


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	38.82	34.13	-4.69	74.00	39.87	PK	Vertic	PASS
	4804.00	-	9.34	-	54.00	44.66	AV	Vertic	PASS
2	7206.00	35.39	38.74	3.35	74.00	35.26	PK	Vertic	PASS
	7206.00	-	13.95	-	54.00	40.05	AV	Vertic	PASS
3	9608.00	33.42	40.24	6.82	74.00	33.76	PK	Vertic	PASS
	9608.00	-	15.45	-	54.00	38.55	AV	Vertic	PASS

Transmit at 2441MHz by 3DH5

Test Graph

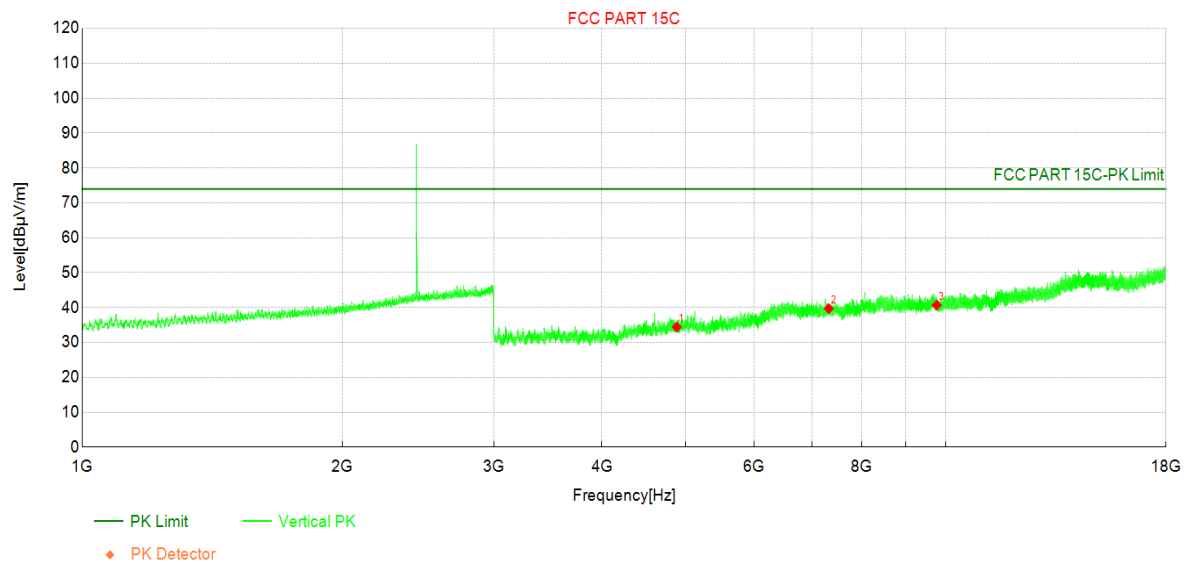


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	37.87	33.06	-4.81	74.00	40.94	PK	Horizo	PASS
	4882.00	-	8.27	-	54.00	45.73	AV	Horizo	PASS
2	7323.00	34.95	38.32	3.37	74.00	35.68	PK	Horizo	PASS
	7323.00	-	13.53	-	54.00	40.47	AV	Horizo	PASS
3	9764.00	33.02	40.30	7.28	74.00	33.70	PK	Horizo	PASS
	9764.00	-	15.51	-	54.00	38.49	AV	Horizo	PASS

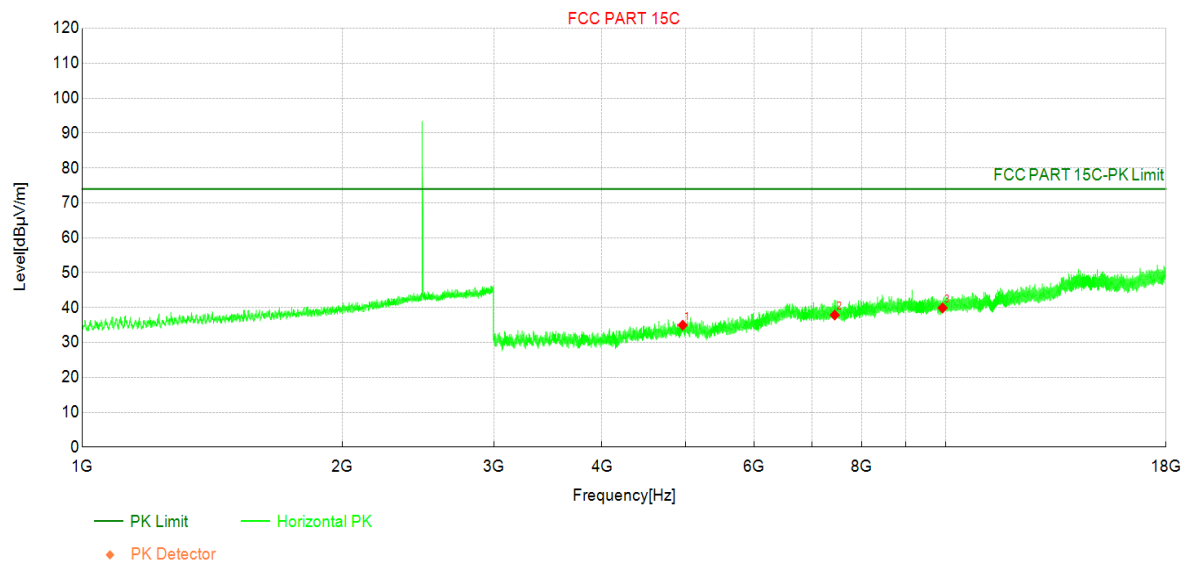
Transmit at 2441MHz by 3DH5

Test Graph



Data List

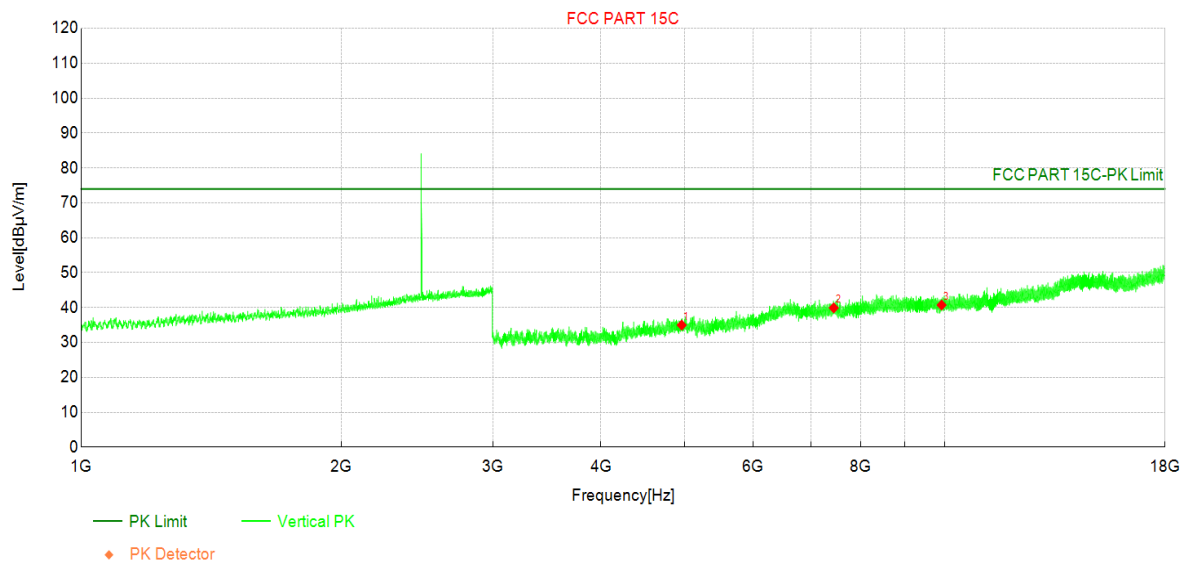
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4882.00	39.23	34.42	-4.81	74.00	39.58	PK	Vertic	PASS
	4882.00	-	9.63	-	54.00	44.37	AV	Vertic	PASS
2	7323.00	36.33	39.70	3.37	74.00	34.30	PK	Vertic	PASS
	7323.00	-	14.91	-	54.00	39.09	AV	Vertic	PASS
3	9764.00	33.40	40.68	7.28	74.00	33.32	PK	Vertic	PASS
	9764.00	-	15.89	-	54.00	38.11	AV	Vertic	PASS

Transmit at 2480MHz by 3DH5**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	39.65	34.95	-4.70	74.00	39.05	PK	Horizo	PASS
	4960.00	-	10.16	-	54.00	43.84	AV	Horizo	PASS
2	7440.00	34.16	37.85	3.69	74.00	36.15	PK	Horizo	PASS
	7440.00	-	13.06	-	54.00	40.94	AV	Horizo	PASS
3	9920.00	32.91	39.88	6.97	74.00	34.12	PK	Horizo	PASS
	9920.00	-	15.09	-	54.00	38.91	AV	Horizo	PASS

Transmit at 2480MHz by 3DH5

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	39.68	34.98	-4.70	74.00	39.02	PK	Vertic	PASS
	4960.00	-	10.19	-	54.00	43.81	AV	Vertic	PASS
2	7440.00	36.22	39.91	3.69	74.00	34.09	PK	Vertic	PASS
	7440.00	-	15.12	-	54.00	38.88	AV	Vertic	PASS
3	9920.00	33.75	40.72	6.97	74.00	33.28	PK	Vertic	PASS
	9920.00	-	15.93	-	54.00	38.07	AV	Vertic	PASS

Note:

1. Level = Reading + Factor

2. Margin = Limit - Level, AV Level = PK Level + Duty Cycle Factor.

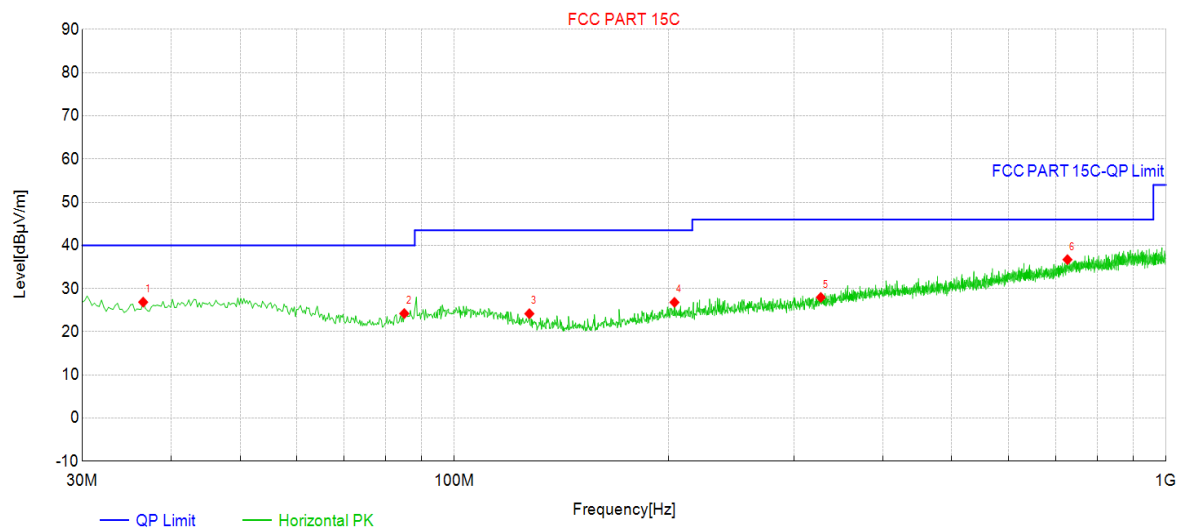
3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

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 DH5

Test Graph

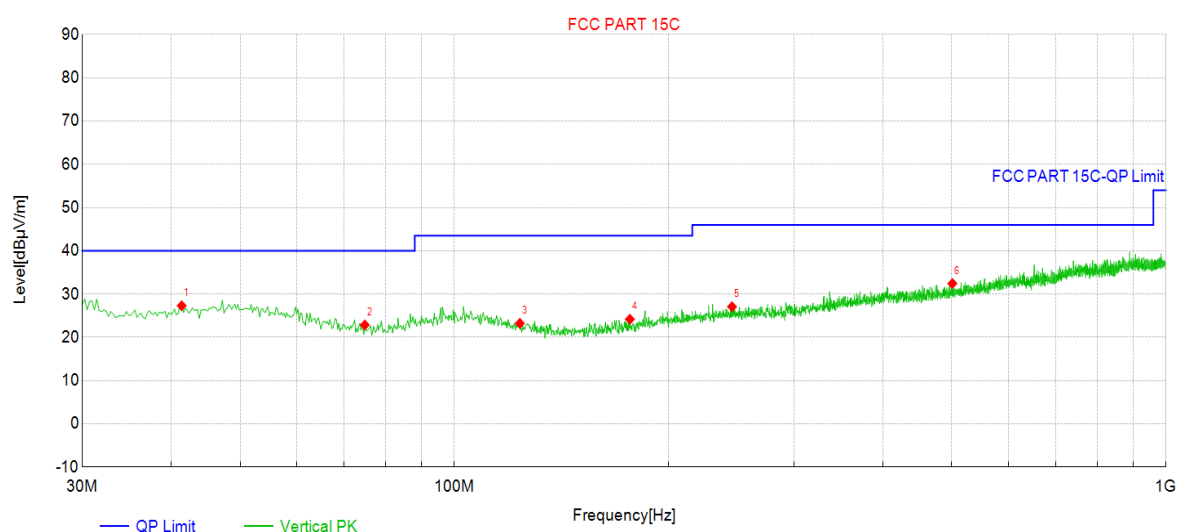


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	36.55	13.5	26.86	13.400	40.00	13.14	PK	Horizo	PASS
2	85.05	13.8	24.21	10.460	40.00	15.79	PK	Horizo	PASS
3	127.49	14.2	24.17	10.020	43.50	19.33	PK	Horizo	PASS
4	203.87	14.8	26.81	12.050	43.50	16.69	PK	Horizo	PASS
5	327.31	13.1	27.95	14.830	46.00	18.05	PK	Horizo	PASS
6	726.95	15.5	36.70	21.170	46.00	9.30	PK	Horizo	PASS

Transmit at 2402MHz by DH5

Test Graph



Data List

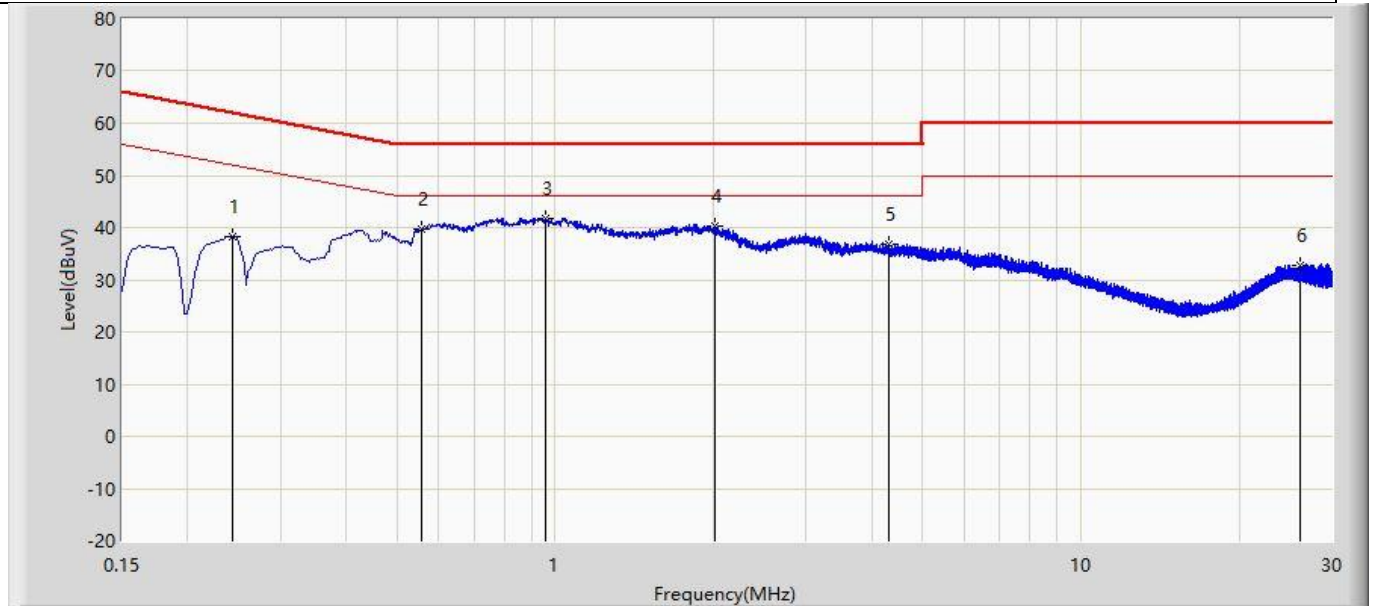
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	41.40	13.2	27.29	14.070	40.00	12.71	PK	Vertic	PASS
2	74.86	12.8	22.85	10.050	40.00	17.15	PK	Vertic	PASS
3	123.61	12.7	23.23	10.490	43.50	20.27	PK	Vertic	PASS
4	176.47	13.8	24.17	10.370	43.50	19.33	PK	Vertic	PASS
5	245.58	13.9	27.07	13.210	46.00	18.93	PK	Vertic	PASS
6	500.94	14.7	32.44	17.700	46.00	13.56	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.

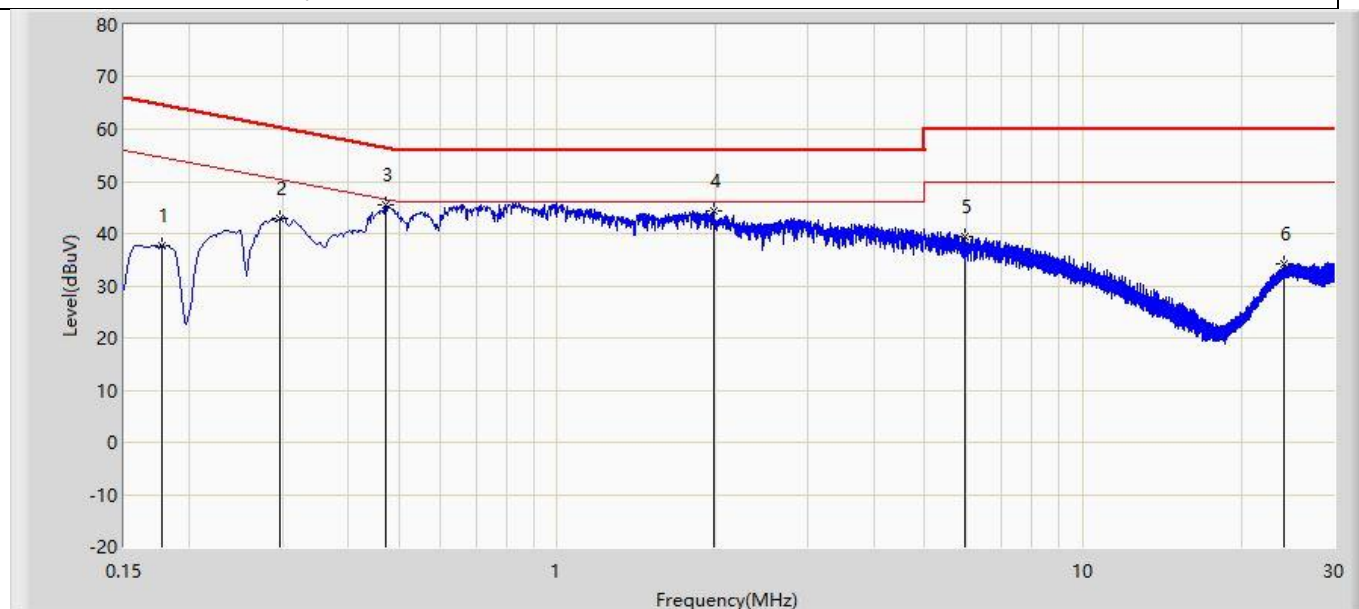
Appendix I: AC Power Line Conducted Emission

Profile: 2570578R	Page No.: 1
Engineer: Yu Liu	
Site: TR1	Time: 2025/09/27 - 09:34
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 DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.244	38.318	28.657	-23.641	61.959	9.661	QP
2		0.555	39.638	29.946	-16.362	56.000	9.691	QP
3	*	0.958	41.712	32.017	-14.288	56.000	9.695	QP
4		2.006	40.294	30.528	-15.706	56.000	9.766	QP
5		4.315	36.696	26.891	-19.304	56.000	9.805	QP
6		26.187	32.746	22.010	-27.254	60.000	10.736	QP

Profile: 2570578R	Page No.: 2
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: Neutral
EUT: Mobile computer	Power: AC 120V/60Hz
Note: Transmit at 2402MHz by DH5	



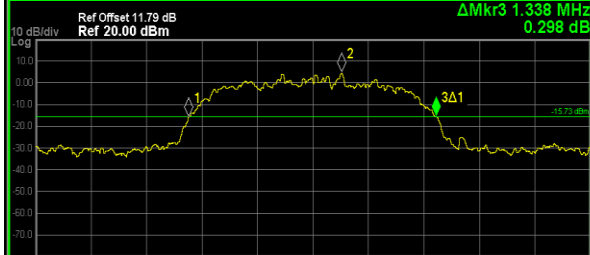
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.177	37.611	27.941	-27.014	64.625	9.670	QP
2		0.296	42.897	33.270	-17.457	60.354	9.628	QP
3	*	0.472	45.438	35.840	-11.041	56.479	9.597	QP
4		1.986	44.210	34.515	-11.790	56.000	9.695	QP
5		5.957	39.485	29.634	-20.515	60.000	9.851	QP
6		24.122	34.228	23.436	-25.772	60.000	10.792	QP

Note:

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

Appendix J : Variant spot check data

20dB Emission Bandwidth :

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict																																																																																																												
2DH5	Ant2	2402	1.338	2401.328	2402.666	---	---																																																																																																												
2DH5_Ant2_2402																																																																																																																			
Agilent Spectrum Analyzer - Swept SA Center Freq 2.402000000 GHz Ref Offset 11.79 dB Ref 20.00 dBm 10 dB/div Log  Center Freq 2.402000 GHz #Res BW 30 kHz #VBW 100 kHz Span 3.000 MHz Sweep 3.200 ms (1001 pts) <table><tr><th>MNR</th><th>MODE</th><th>TRC</th><th>SQL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.401.328 GHz</td><td>-16.042 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.402.156 GHz</td><td>4.270 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>f (Δ)</td><td>1.338 MHz (Δ)</td><td>0.298 dB</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 2.402000000 GHz Start Freq 2.400500000 GHz Stop Freq 2.403500000 GHz CF Step 300.000 kHz Man Freq Offset 0 Hz								MNR	MODE	TRC	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.401.328 GHz	-16.042 dBm				2	N	1	f	2.402.156 GHz	4.270 dBm				3	Δ1	1	f (Δ)	1.338 MHz (Δ)	0.298 dB				4									5									6									7									8									9									10									11								
MNR	MODE	TRC	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																																																																																											
1	N	1	f	2.401.328 GHz	-16.042 dBm																																																																																																														
2	N	1	f	2.402.156 GHz	4.270 dBm																																																																																																														
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10																																																																																																																			
11																																																																																																																			

Maximum conducted output power :

Test Mode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant2	2441	9.39	≤20.97	PASS

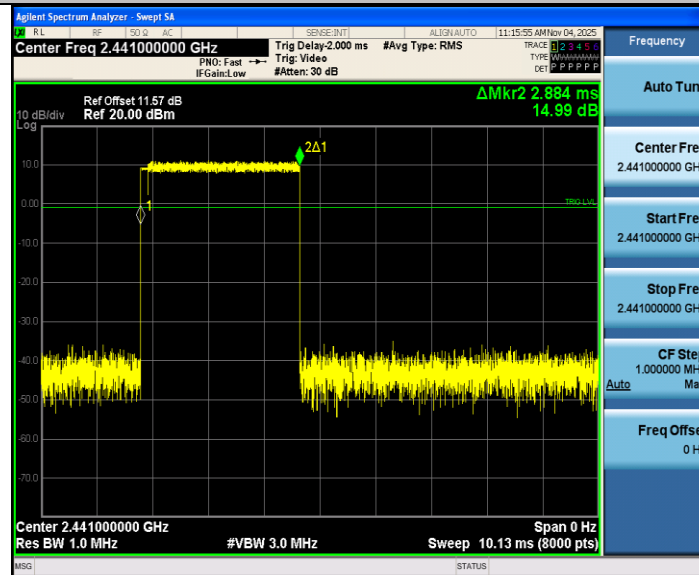
Carrier frequency separation :

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
3DH5	Ant2	Hop	1.304	≥0.025	PASS
3DH5_Ant2_Hop					
Agilent Spectrum Analyzer - Swept SA Center Freq 2.441500000 GHz Ref Offset 11.57 dB Ref 30.00 dBm 10 dB/div Log Start 2.440500 GHz Stop 2.442500 GHz #Res BW 300 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts) ΔMkr2 1.304 MHz -0.10 dB 2Δ1 Frequency Auto Tune Center Freq 2.441500000 GHz Start Freq 2.440500000 GHz Stop Freq 2.442500000 GHz CF Step 200.000 kHz Auto Man Freq Offset 0 Hz					

Time of occupancy :

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
3DH5	Ant2	Hop	2.884	106.67	0.308	≤0.4	PASS

3DH5_Ant2_Hop

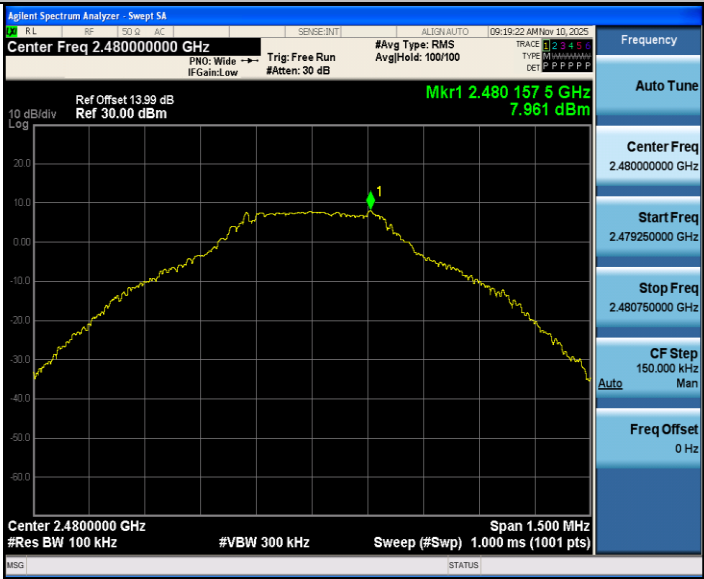


Number of hopping channels :

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
3DH5	Ant2	Hop	79	≥15	PASS
3DH5_Ant2_Hop					
Agilent Spectrum Analyzer - Swept SA Center Freq 2.441750000 GHz Ref Offset 11.8 dB Ref 20.00 dBm Start 2.400000 GHz #Res BW 300 kHz Stop 2.48350 GHz Sweep 1.133 ms (1001 pts) Frequency Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step 8.350000 MHz Auto Man Freq Offset 0 Hz					

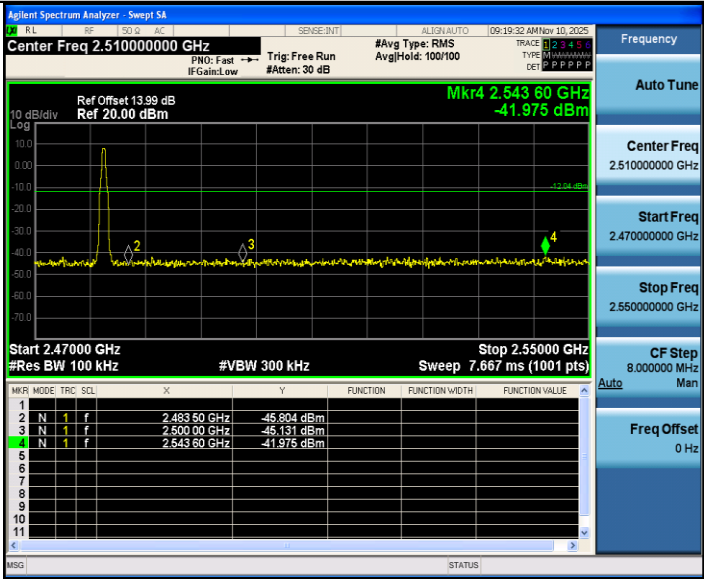
Conducted Spurious Emission :
Reference level measurement

DH5_Ant2_2480



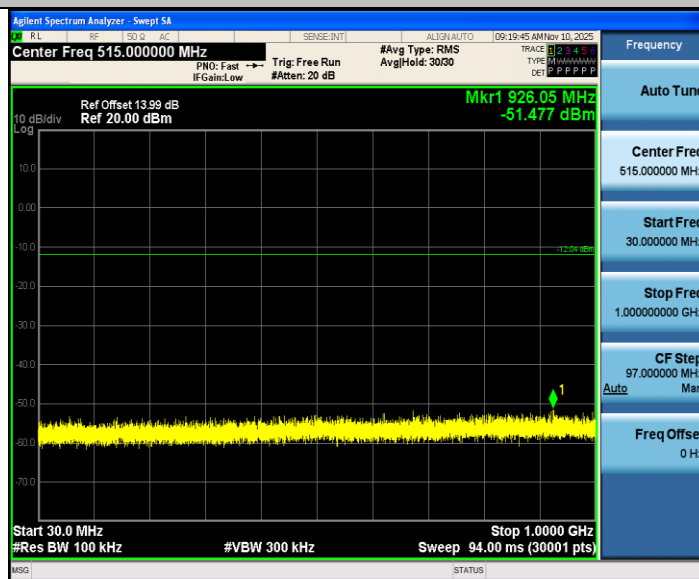
Band edge measurements :

DH5_Ant2_High_2480

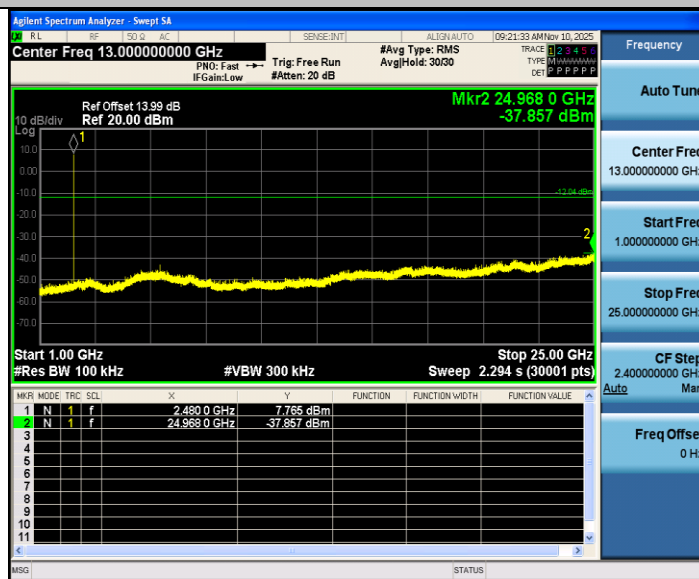


Conducted Spurious Emission :

DH5_Ant2_2480_30~1000



DH5_Ant2_2480_1000~25000

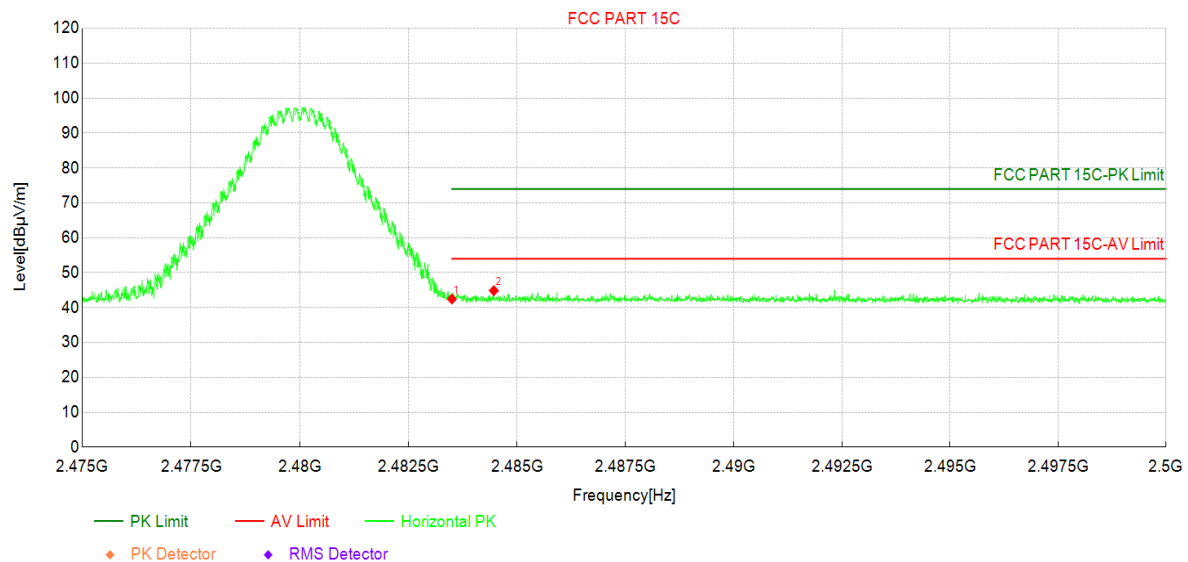


Note: The cable loss used in the test was the largest in the 30MHz-25GHz frequency band.

Band edge measurements:

Transmit at 2480MHz by 2DH5

Test Graph

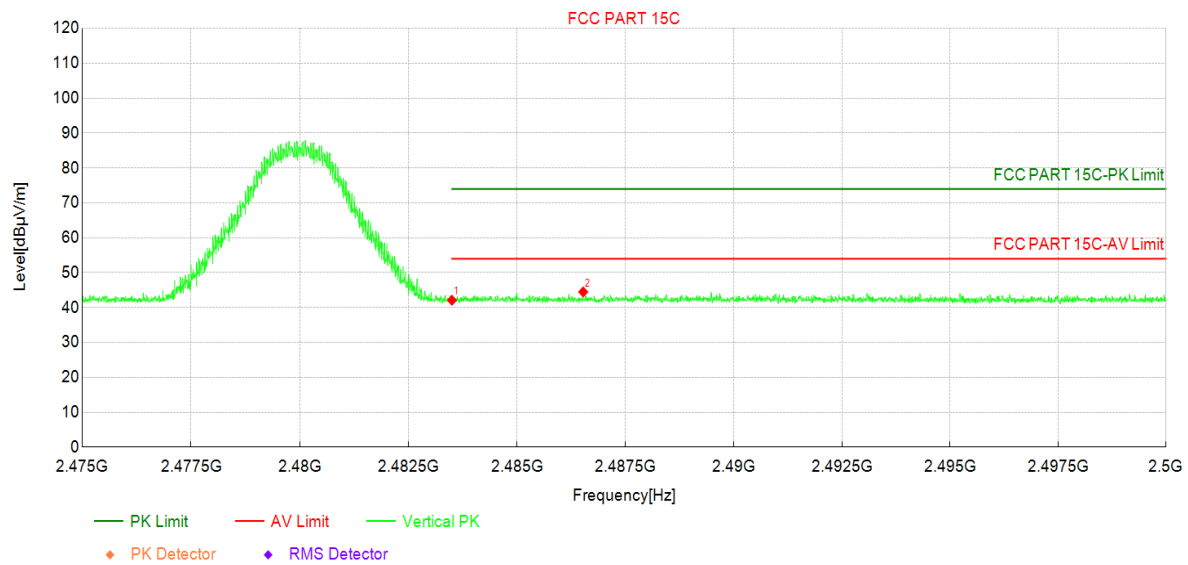


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.93	42.44	5.51	74.00	31.56	PK	Horizo	PASS
	2483.50	-	17.65	-	54.00	36.35	AV	Horizo	PASS
2	2484.47	39.33	44.86	5.53	74.00	29.14	PK	Horizo	PASS
	2484.47	-	20.07	-	54.00	33.93	AV	Horizo	PASS

Transmit at 2480MHz by 2DH5

Test Graph



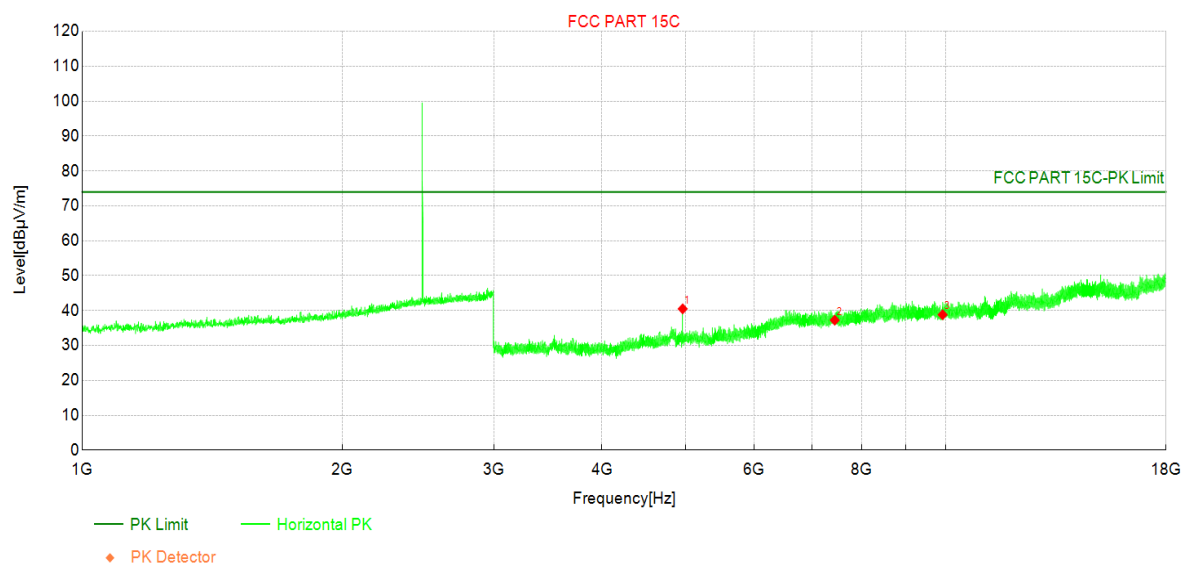
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.60	42.11	5.51	74.00	31.89	PK	Vertic	PASS
	2483.50	-	17.32	-	54.00	36.68	AV	Vertic	PASS
2	2486.53	38.96	44.49	5.53	74.00	29.51	PK	Vertic	PASS
	2486.53	-	19.70	-	54.00	34.30	AV	Vertic	PASS

Emissions in Restricted Band:

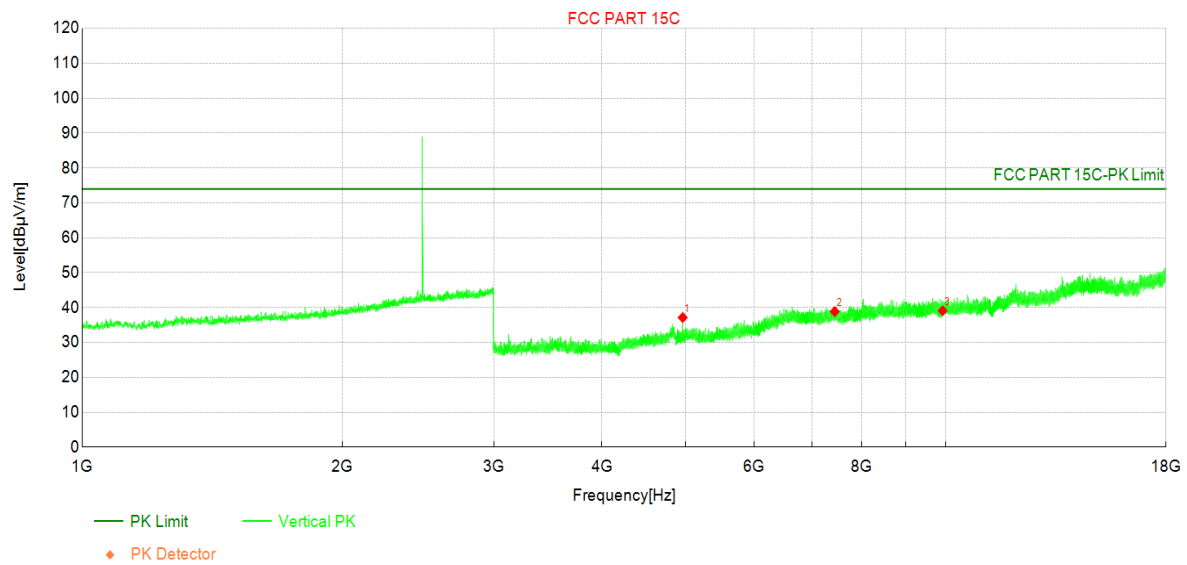
Transmit at 2480MHz by DH5

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	45.47	40.49	-4.98	74.00	33.51	PK	Horizo	PASS
	4960.00	-	15.70	-	54.00	38.30	AV	Horizo	PASS
2	7440.00	33.79	37.24	3.45	74.00	36.76	PK	Horizo	PASS
	7440.00	-	12.45	-	54.00	41.55	AV	Horizo	PASS
3	9920.00	32.14	38.80	6.66	74.00	35.20	PK	Horizo	PASS
	9920.00	-	14.01	-	54.00	39.99	AV	Horizo	PASS

Transmit at 2480MHz by DH5**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	42.11	37.13	-4.98	74.00	36.87	PK	Vertic	PASS
	4960.00	-	12.34	-	54.00	41.66	AV	Vertic	PASS
2	7440.00	35.42	38.87	3.45	74.00	35.13	PK	Vertic	PASS
	7440.00	-	14.08	-	54.00	39.92	AV	Vertic	PASS
3	9920.00	32.42	39.08	6.66	74.00	34.92	PK	Vertic	PASS
	9920.00	-	14.29	-	54.00	39.71	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
FCC 15.247(a)(1)	20dB Emission Bandwidth	Y	Pointer to full test exhibit	1.326 MHz	1.338 MHz	within frequency range	0.012	≤3dB
FCC 15.247(b)(1)	Maximum conducted output power	Y	Pointer to full test exhibit	9.53 dBm	9.39 dBm	20.97dBm	-0.14	≤3dB
FCC 15.247(a)(1)	Carrier Frequency Separation	Y	Pointer to full test exhibit	1.002 dB	1.304 dB	See Note 3	0.302	≤3dB
FCC 15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Y	Pointer to full test exhibit	0.306S	0.308S	0.4S	0.002	≤3dB
FCC 15.247(a)(1)(iii)	Number of Hopping Frequencies	Y	Pointer to full test exhibit	79	79	> 15	0	≤3dB
FCC 15.247(d)	Conducted Spurious Emission	Y	Pointer to full test exhibit	8.792 dBm/100kHz	7.961 dBm/100kHz	See Note 2	-0.831	≤3dB
FCC 15.247(d), FCC 15.209	Emissions Band edge	Y	Pointer to full test exhibit	46.41 (dB μV/m)	44.86 (dB μV/m)	74 (dB μV/m)	-1.55	≤3dB
FCC 15.247(b)(3)	Emissions in Restricted Bands	Y	Pointer to full test exhibit	46.41 (dB μV/m)	40.49 (dB μV/m)	74 (dB μV/m)	-5.92	≤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).

Note 3: Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel.

The End