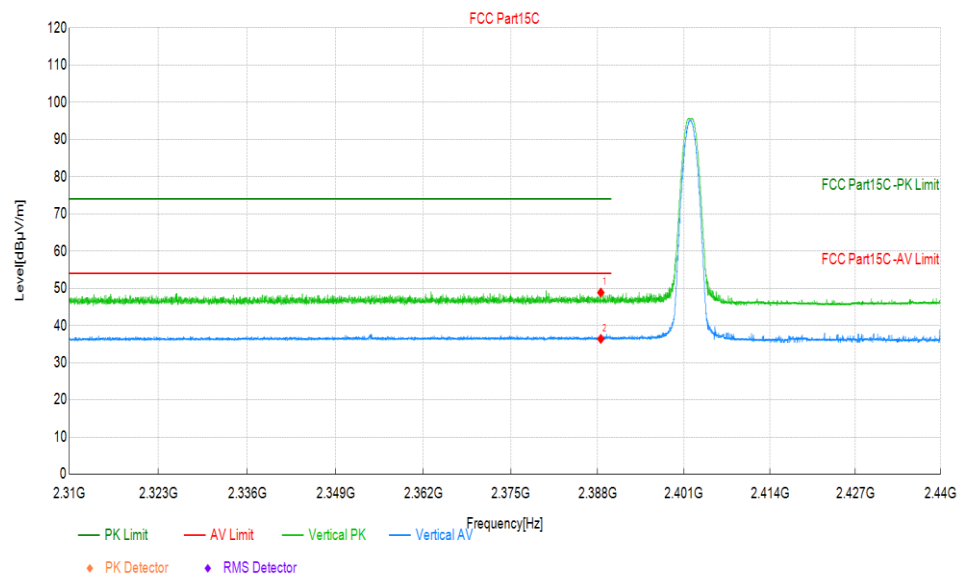
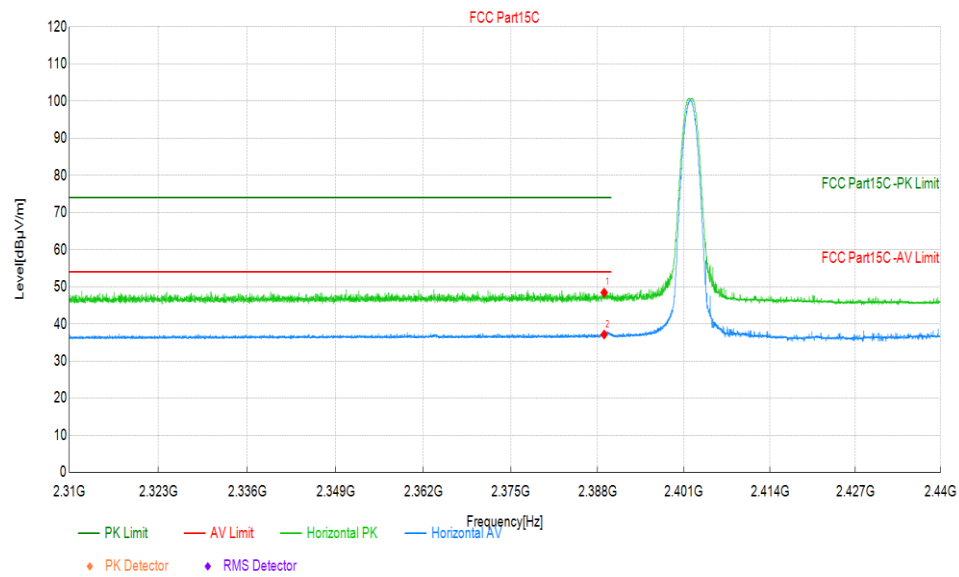


Result :



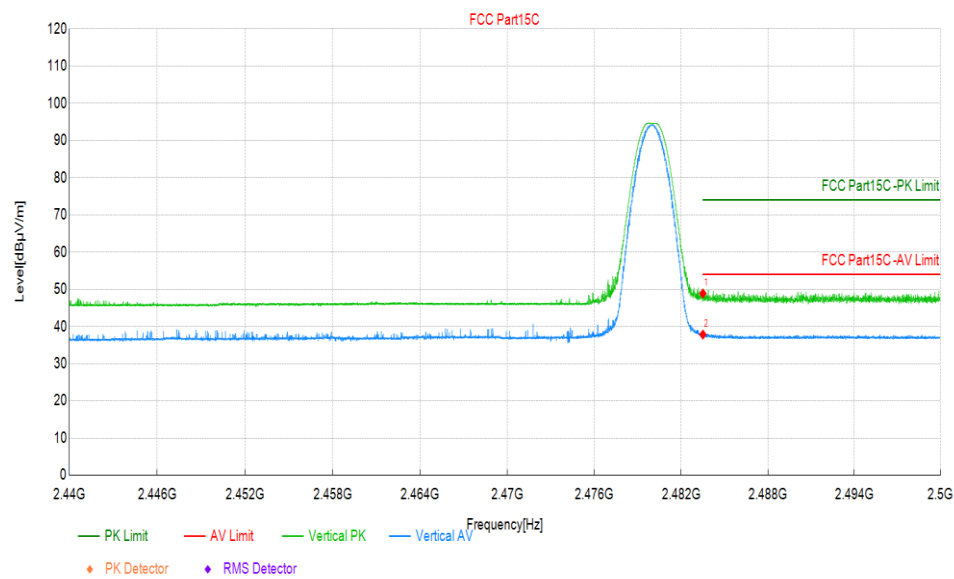
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 3	2402	V	2388.49	43.5	48.84	5.330	74.00	25.16	PK
		V	2388.49	31.1	36.39	5.330	54.00	17.61	AV

Results :



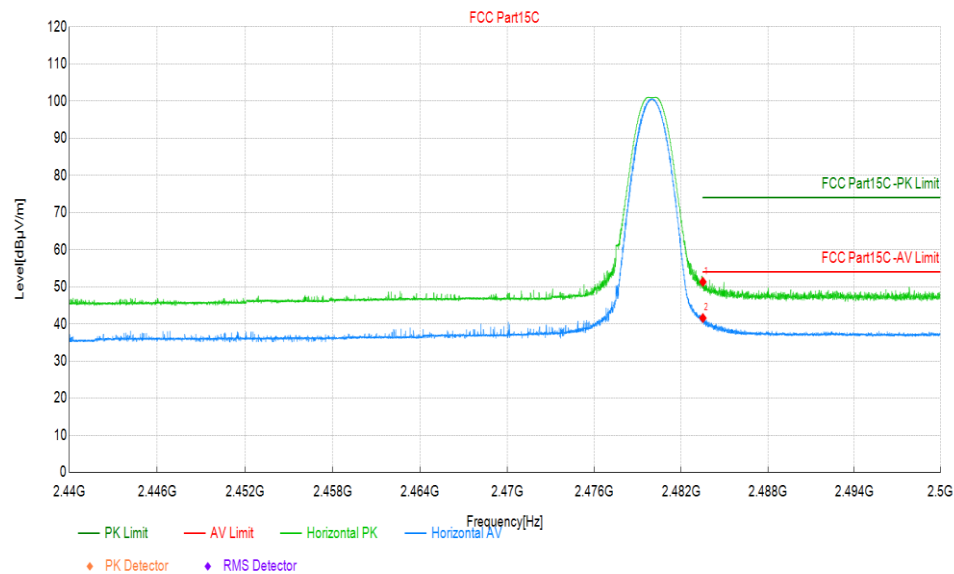
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 3	2402	H	2388.99	43.1	48.42	5.330	74.00	25.58	PK
		H	2388.99	31.8	37.14	5.330	54.00	16.86	AV

Results :



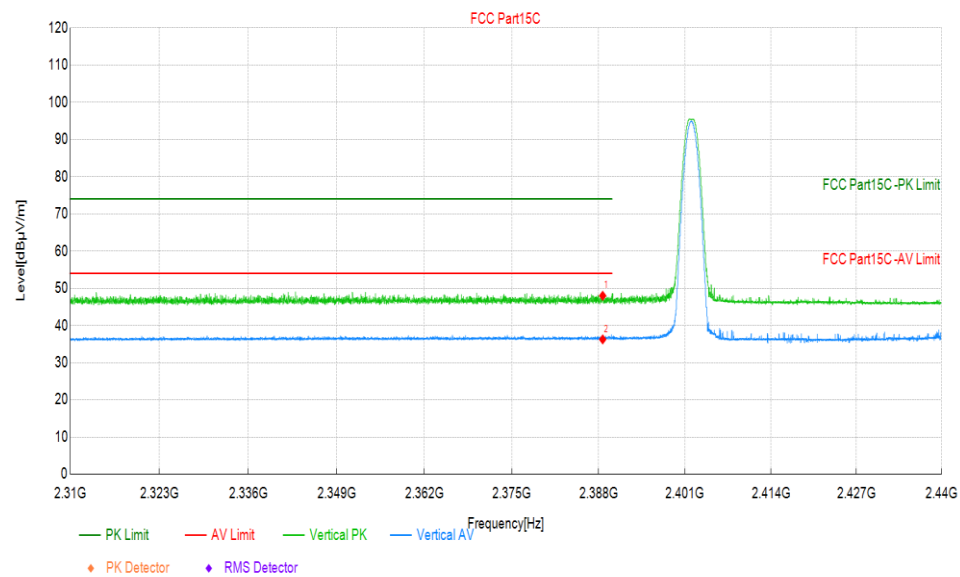
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 3	2480	V	2483.50	43.1	48.87	5.740	74.00	25.13	PK
		V	2483.50	32.1	37.83	5.740	54.00	16.17	AV

Results :



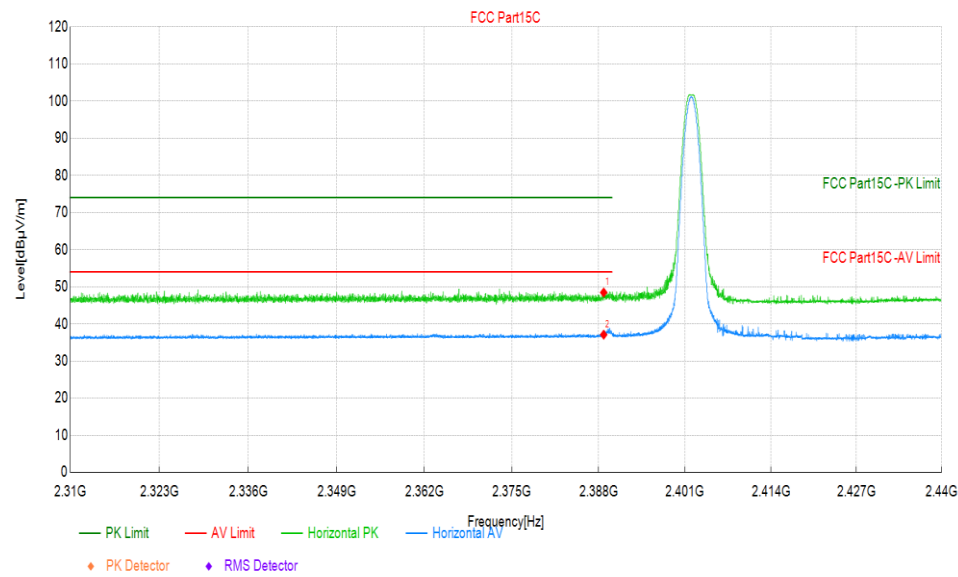
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 3	2480	H	2483.50	45.6	51.31	5.740	74.00	22.69	PK
		H	2483.50	35.8	41.58	5.740	54.00	12.42	AV

Result :



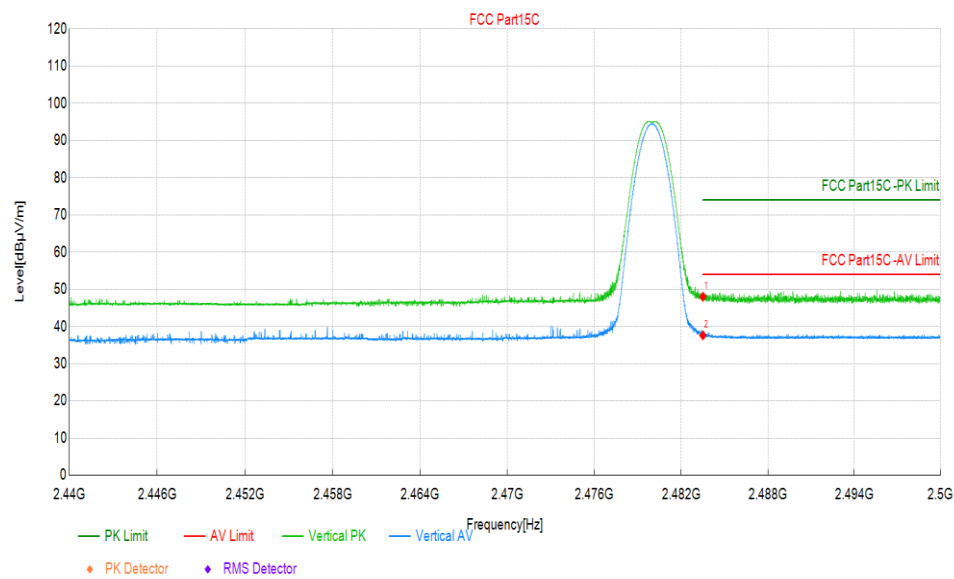
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2402	V	2388.62	42.7	47.98	5.330	74.00	26.02	PK
		V	2388.62	30.9	36.26	5.330	54.00	17.74	AV

Results :



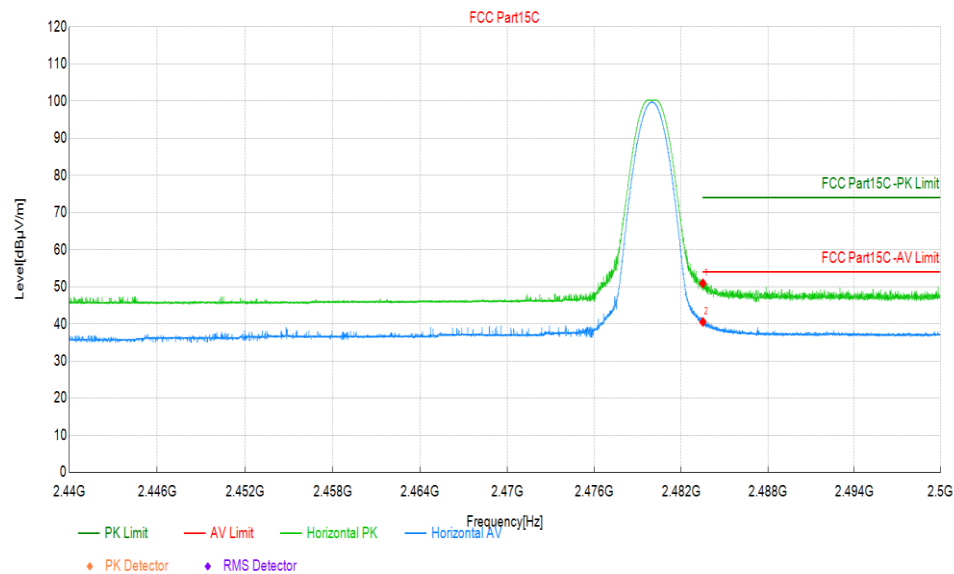
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2402	H	2388.76	43.1	48.47	5.330	74.00	25.53	PK
		H	2388.76	31.8	37.10	5.330	54.00	16.90	AV

Results :



Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2480	V	2483.50	42.3	48.00	5.740	74.00	26.00	PK
		V	2483.50	31.9	37.61	5.740	54.00	16.39	AV

Results :



Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2480	H	2483.50	45.2	50.94	5.740	74.00	23.06	PK
		H	2483.50	34.8	40.54	5.740	54.00	13.46	AV

5.3 Emissions in restricted bands**VERDICT: PASS**

Standard

FCC Part 15.247(d), FCC Part 15.209, FCC Part 15.205
RSS-Gen Issue 5 Amendment 2 Clause 8.9, Clause 8.10

Limits:

Radiated emissions which fall in the restricted bands, as defined in FCC Part 15.205(a), must also comply with the radiated emission limits specified in FCC Part 15.209(a):

FCC Part 15.209(a):

For any intentional radiator, the field strength of emissions appearing within these frequency bands shall not exceed the values given in the next table:

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	48.5-13.8	300
0.490-1.705	24000/F(kHz)	33.8-23	30
1.705-30.0	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

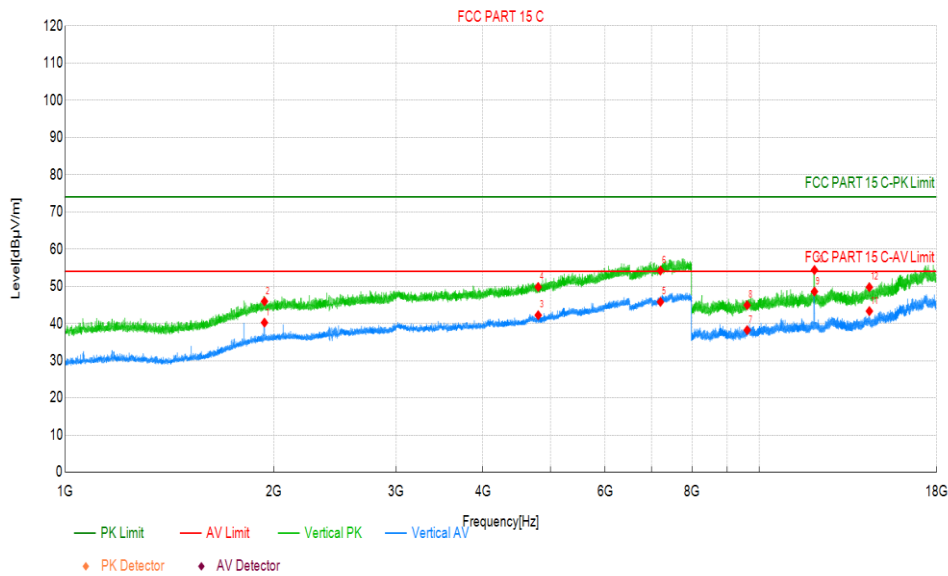
RSS-Gen Issue 5 Amendment 2 Clause 8.9, Clause 8.10

Frequency (MHz)	Field strength	Field strength (dBμV/m)	Measurement distance (meters)
0.009-0.490	6.37/F(kHz) μA/m	48.5 – 13.8	300
0.490-1.705	63.7/F(kHz) μA/m	33.8 - 23	30
1.705-30.0	30 μV/m	29.5	30
30-88	100 μV/m	40	3
88-216	150 μV/m	43.5	3
216-960	200 μV/m	46	3
Above 960	500 μV/m	54	3

Performed measurements

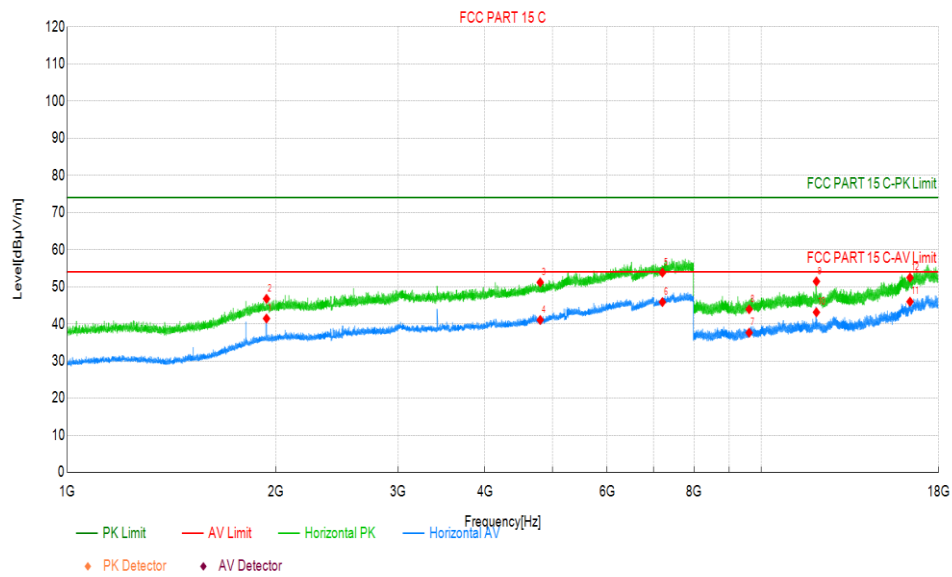
Test method applied	☐	Section 3.1 Conducted measurement
	☒	Section 3.2 Radiated measurement
Test setup	Refer to Appendix test setup photo(s).	
Operating mode(s) used	Mode 1, 2, 3, 4	
Remark	For emissions up to 1 GHz, pre-scan has been conducted to determine the worst-case mode from all possible combinations with different modes and modulation schemes. Only the worst case was shown in the report.	
	The EUT was evaluated in X-axis, Y-axis and Z-axis orientations. The worst-case orientation was found to be the Z-axis ; therefore, this orientation was used for the final measurements.	
	The frequency range from 18 GHz to 26 GHz was investigated. No emissions above the noise floor were observed, and the measured peak levels were below the applicable average limit. Therefore, no emissions were considered reportable in this frequency range, and no data are presented in this report.	

Results :



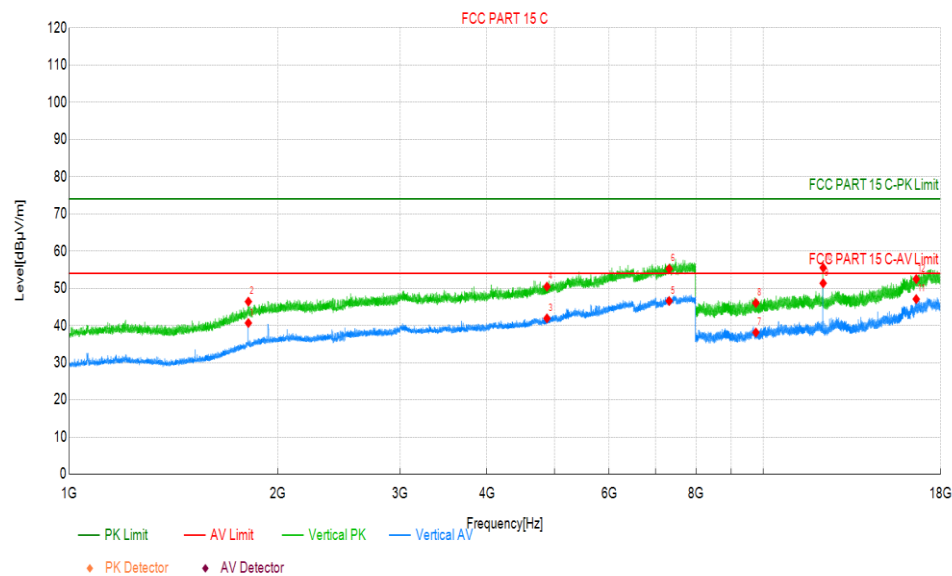
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 1	2402	V	1937.50	33.8	40.23	6.470	54.00	13.77	AV
		V	1937.50	39.5	45.94	6.470	74.00	28.06	PK
		V	4804.00	30.5	42.23	11.740	54.00	11.77	AV
		V	4804.00	38.1	49.81	11.740	74.00	24.19	PK
		V	7206.00	26.3	43.80	17.510	54.00	10.20	AV
		V	7206.00	36.7	54.22	17.510	74.00	19.78	PK
		V	9608.00	31.1	38.21	7.100	54.00	15.79	AV
		V	9608.00	37.8	44.92	7.100	74.00	29.08	PK

Results :



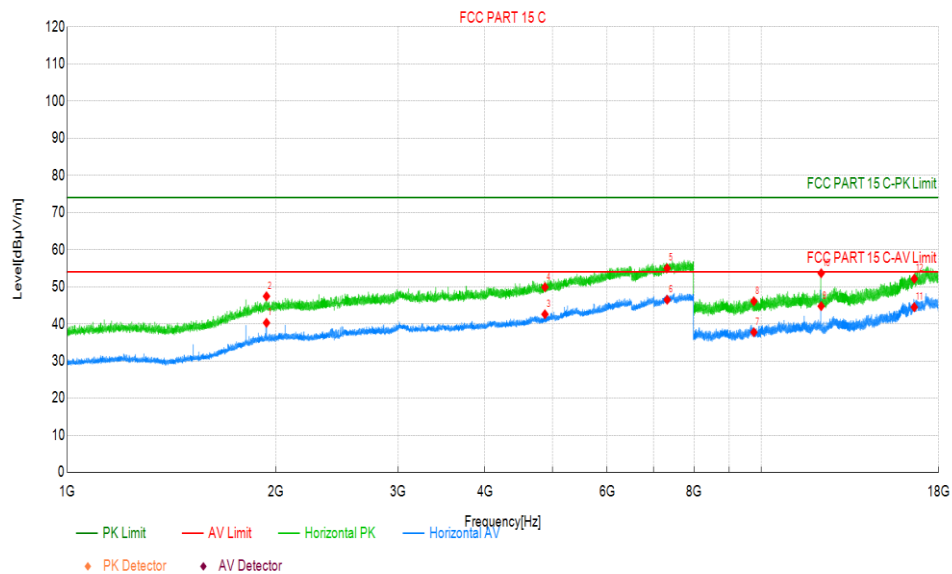
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 1	2402	H	1937.75	35.0	41.45	6.480	54.00	12.55	AV
		H	1937.75	40.3	46.76	6.480	74.00	27.24	PK
		H	4804.00	39.4	51.18	11.740	74.00	22.82	PK
		H	4804.00	29.3	41.06	11.740	54.00	12.94	AV
		H	7206.00	36.3	53.83	17.510	74.00	20.17	PK
		H	7206.00	26.4	43.88	17.510	54.00	10.12	AV
		H	9608.00	30.5	37.63	7.100	54.00	16.37	AV
		H	9608.00	36.8	43.94	7.100	74.00	30.06	PK

Results :



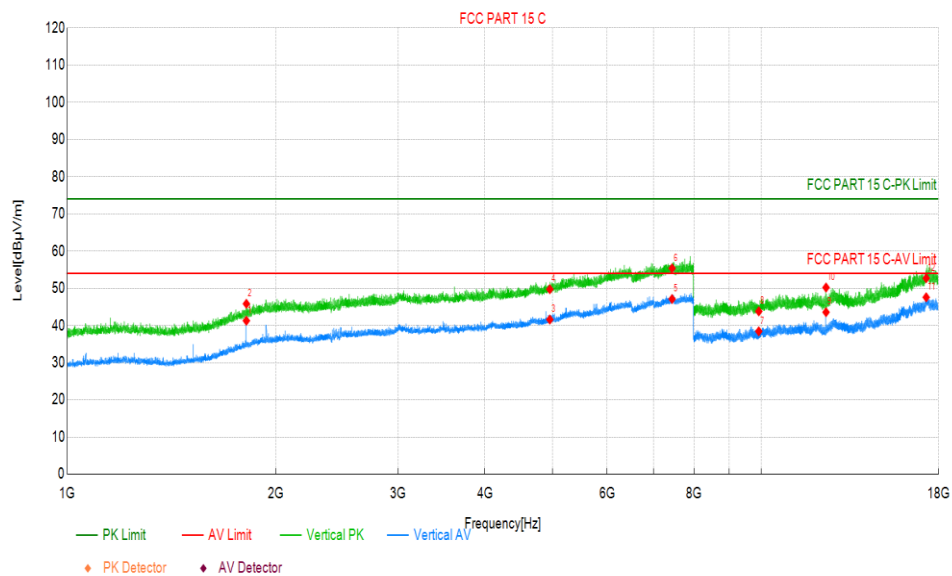
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 1	2440	V	1812.50	35.5	40.66	5.150	54.00	13.34	AV
		V	1812.50	41.3	46.41	5.150	74.00	27.59	PK
		V	4880.00	30.0	41.91	11.890	54.00	12.09	AV
		V	4880.00	38.6	50.44	11.890	74.00	23.56	PK
		V	7320.00	25.9	43.58	17.710	54.00	10.42	AV
		V	7320.00	37.5	55.23	17.710	74.00	18.77	PK
		V	9760.00	30.6	38.13	7.520	54.00	15.87	AV
		V	9760.00	38.5	46.02	7.520	74.00	27.98	PK

Results :



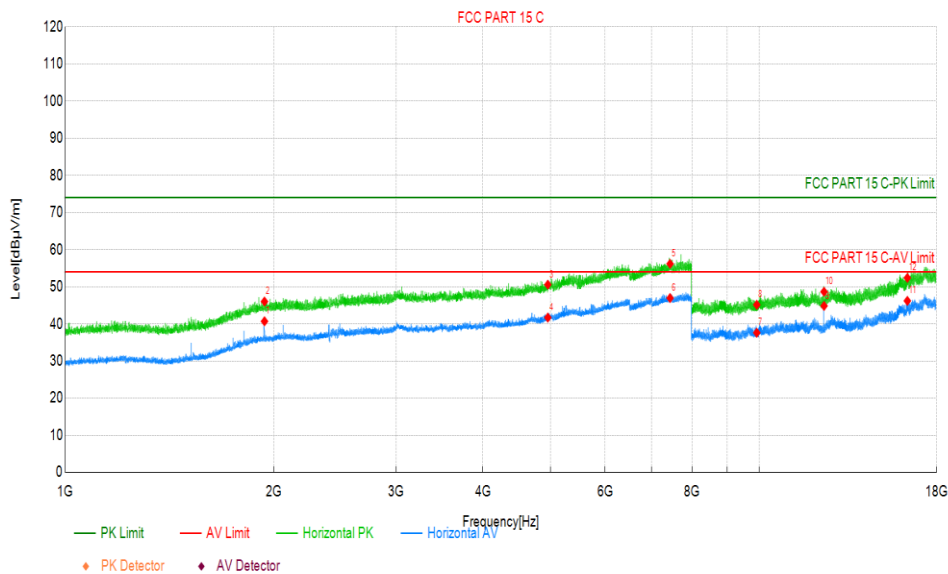
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 1	2440	H	1937.50	33.8	40.30	6.470	54.00	13.70	AV
		H	1937.50	41.0	47.45	6.470	74.00	26.55	PK
		H	4880.00	30.7	42.60	11.890	54.00	11.40	AV
		H	4880.00	38.0	49.89	11.890	74.00	24.11	PK
		H	7320.00	37.3	54.99	17.710	74.00	19.01	PK
		H	7320.00	25.8	43.50	17.710	54.00	10.50	AV
		H	9760.00	30.3	37.77	7.520	54.00	16.23	AV
		H	9760.00	38.6	46.10	7.520	74.00	27.90	PK

Results :



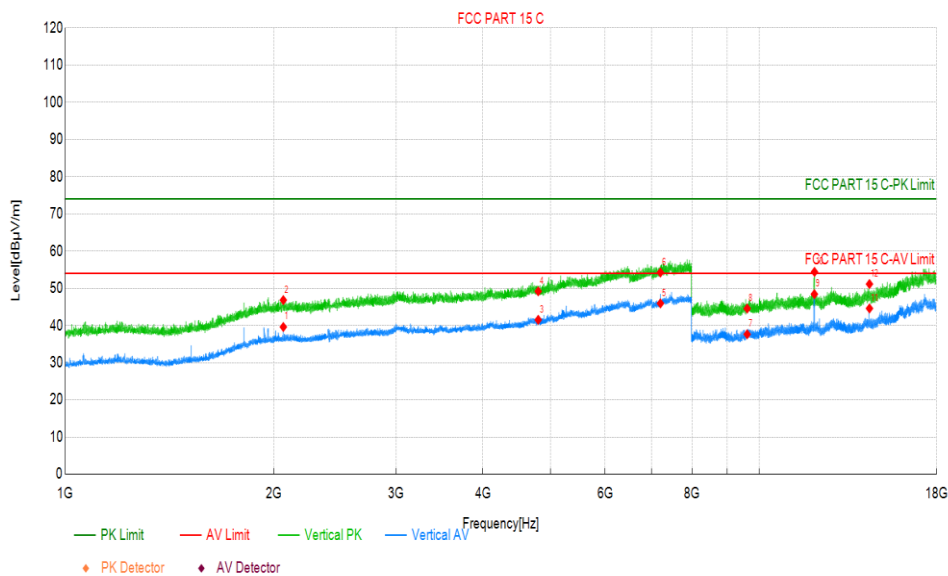
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 1	2480	V	1812.50	36.1	41.28	5.150	54.00	12.72	AV
		V	1812.50	40.7	45.83	5.150	74.00	28.17	PK
		V	4960.00	29.2	41.60	12.450	54.00	12.40	AV
		V	4960.00	37.3	49.74	12.450	74.00	24.26	PK
		V	7440.00	25.2	43.10	17.950	54.00	10.90	AV
		V	7440.00	37.4	55.36	17.950	74.00	18.64	PK
		V	9920.00	31.2	38.43	7.260	54.00	15.57	AV
		V	9920.00	36.5	43.80	7.260	74.00	30.20	PK
		V	12399.33	34.4	43.56	9.160	54.00	10.44	AV
		V	12399.33	41.0	50.20	9.160	74.00	23.80	PK

Results :



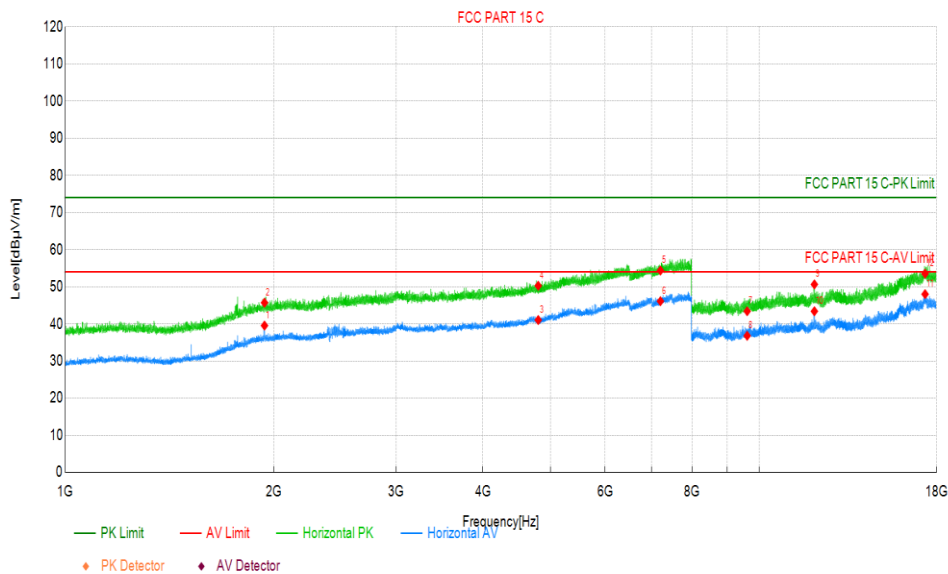
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 1	2480	H	1937.50	34.2	40.71	6.470	54.00	13.29	AV
		H	1937.50	39.6	46.03	6.470	74.00	27.97	PK
		H	4960.00	38.1	50.57	12.450	74.00	23.43	PK
		H	4960.00	29.3	41.71	12.450	54.00	12.29	AV
		H	7440.00	38.2	56.17	17.950	74.00	17.83	PK
		H	7440.00	26.0	43.96	17.950	54.00	10.04	AV
		H	9920.00	30.4	37.63	7.260	54.00	16.37	AV
		H	9920.00	37.9	45.15	7.260	74.00	28.85	PK

Results :



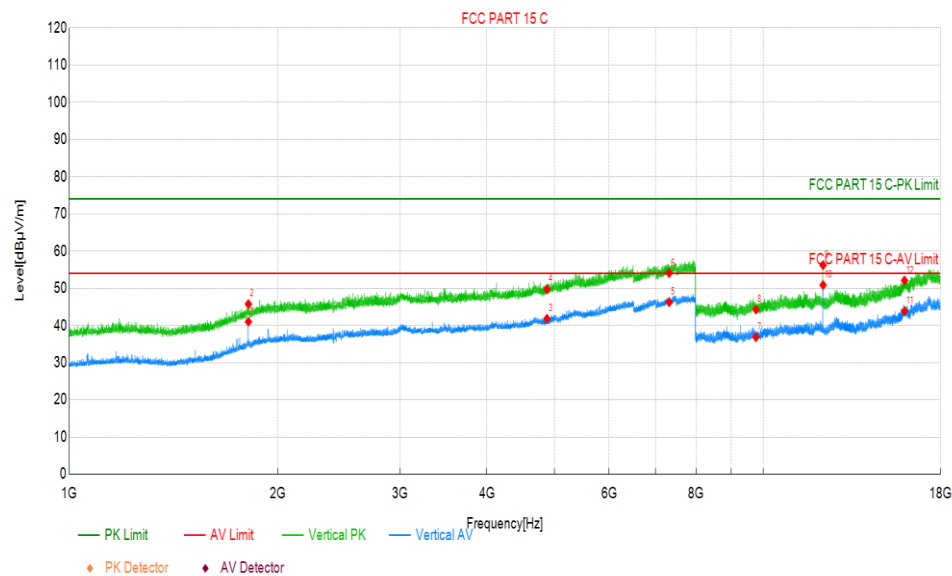
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 2	2402	V	2062.50	32.6	39.59	7.020	54.00	14.41	AV
		V	2062.50	39.8	46.82	7.020	74.00	27.18	PK
		V	4804.00	29.8	41.53	11.740	54.00	12.47	AV
		V	4804.00	37.4	49.18	11.740	74.00	24.82	PK
		V	7206.00	26.4	43.94	17.510	54.00	10.06	AV
		V	7206.00	36.7	54.23	17.510	74.00	19.77	PK
		V	9608.00	30.6	37.65	7.100	54.00	16.35	AV
		V	9608.00	37.5	44.56	7.100	74.00	29.44	PK

Results :



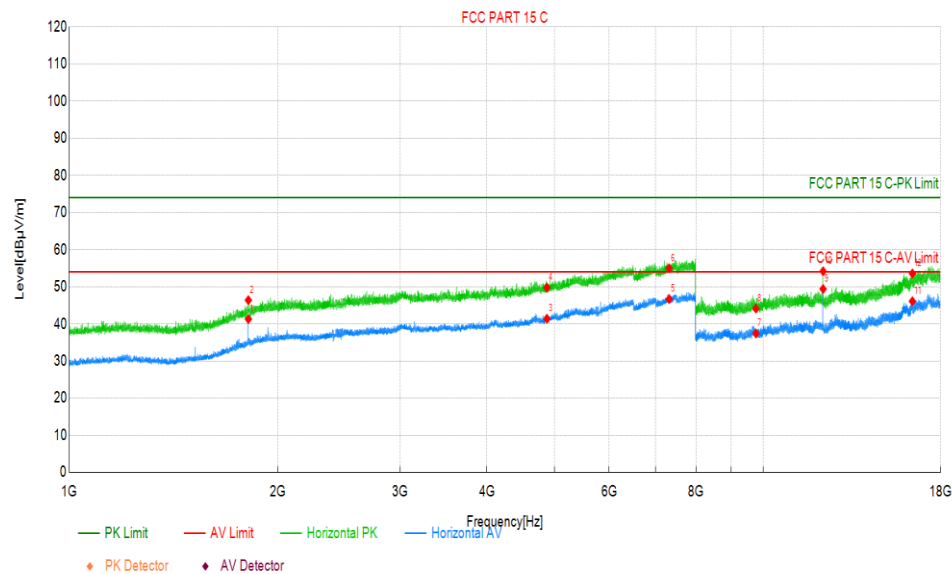
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 2	2402	H	1937.50	33.1	39.55	6.470	54.00	14.45	AV
		H	1937.50	39.2	45.71	6.470	74.00	28.29	PK
		H	4804.00	29.3	41.05	11.740	54.00	12.95	AV
		H	4804.00	38.5	50.28	11.740	74.00	23.72	PK
		H	7206.00	36.9	54.37	17.510	74.00	19.63	PK
		H	7206.00	25.6	43.12	17.510	54.00	10.88	AV
		H	9608.00	36.3	43.42	7.100	74.00	30.58	PK
		H	9608.00	29.7	36.80	7.100	54.00	17.20	AV

Results :



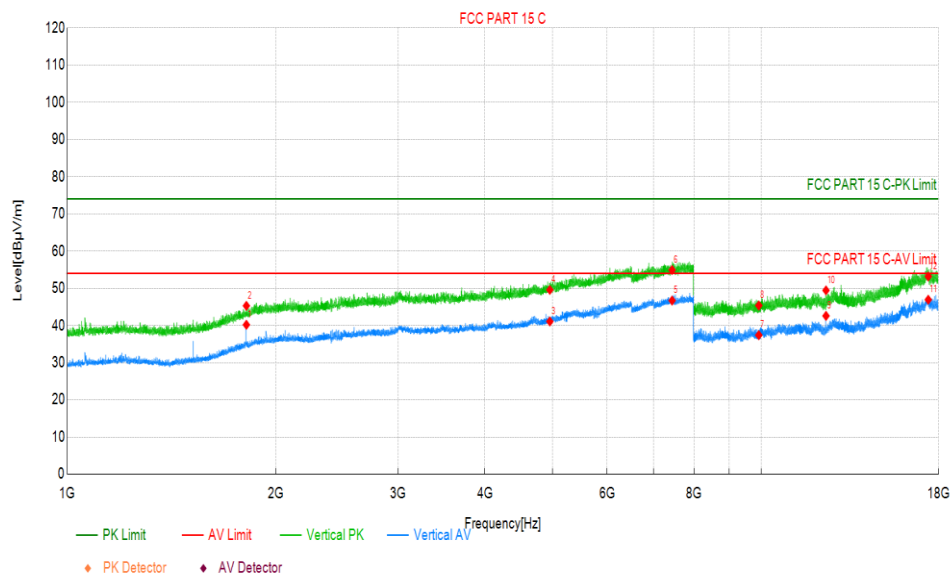
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 2	2440	V	1812.75	35.9	41.01	5.160	54.00	12.99	AV
		V	1812.75	40.6	45.75	5.160	74.00	28.25	PK
		V	4880.00	29.9	41.81	11.890	54.00	12.19	AV
		V	4880.00	37.8	49.73	11.890	74.00	24.27	PK
		V	7320.00	25.6	43.26	17.710	54.00	10.74	AV
		V	7320.00	36.4	54.08	17.710	74.00	19.92	PK
		V	9760.00	29.3	36.85	7.520	54.00	17.15	AV
		V	9760.00	36.8	44.28	7.520	74.00	29.72	PK

Results :



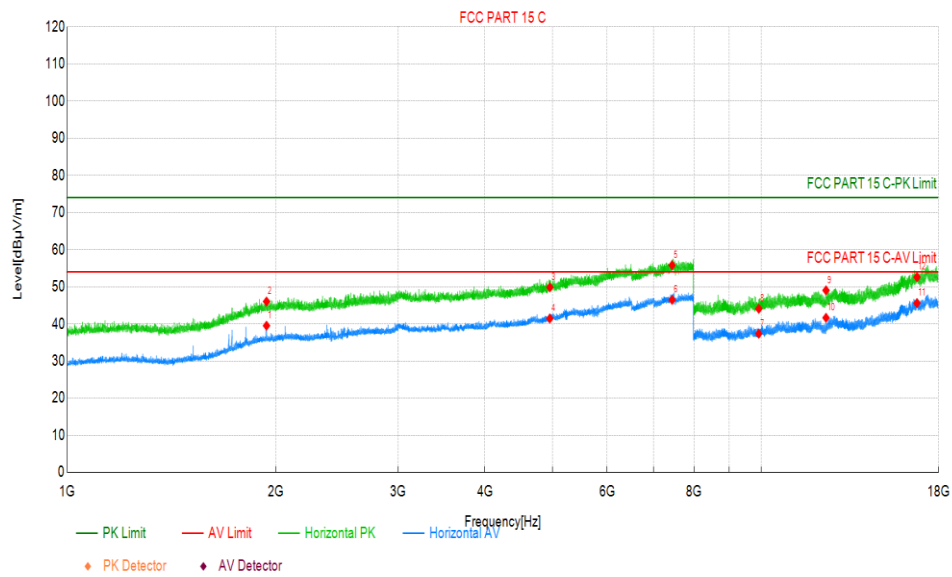
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 2	2440	H	1812.50	36.2	41.30	5.150	54.00	12.70	AV
		H	1812.50	41.3	46.40	5.150	74.00	27.60	PK
		H	4880.00	29.5	41.41	11.890	54.00	12.59	AV
		H	4880.00	37.9	49.80	11.890	74.00	24.20	PK
		H	7320.00	26.0	43.70	17.710	54.00	10.30	AV
		H	7320.00	37.3	54.96	17.710	74.00	19.04	PK
		H	9760.00	29.9	37.45	7.520	54.00	16.55	AV
		H	9760.00	36.6	44.14	7.520	74.00	29.86	PK

Results :



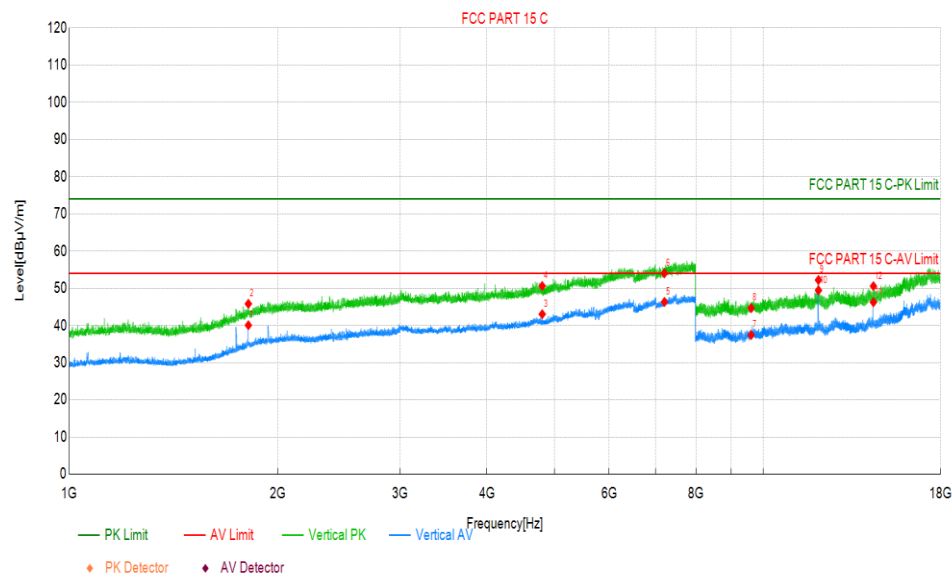
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 2	2480	V	1812.50	35.0	40.19	5.150	54.00	13.81	AV
		V	1812.50	40.1	45.28	5.150	74.00	28.72	PK
		V	4960.00	28.6	41.08	12.450	54.00	12.92	AV
		V	4960.00	37.1	49.56	12.450	74.00	24.44	PK
		V	7440.00	25.8	43.70	17.950	54.00	10.30	AV
		V	7440.00	37.0	54.91	17.950	74.00	19.09	PK
		V	9920.00	30.1	37.39	7.260	54.00	16.61	AV
		V	9920.00	38.1	45.37	7.260	74.00	28.63	PK

Results :



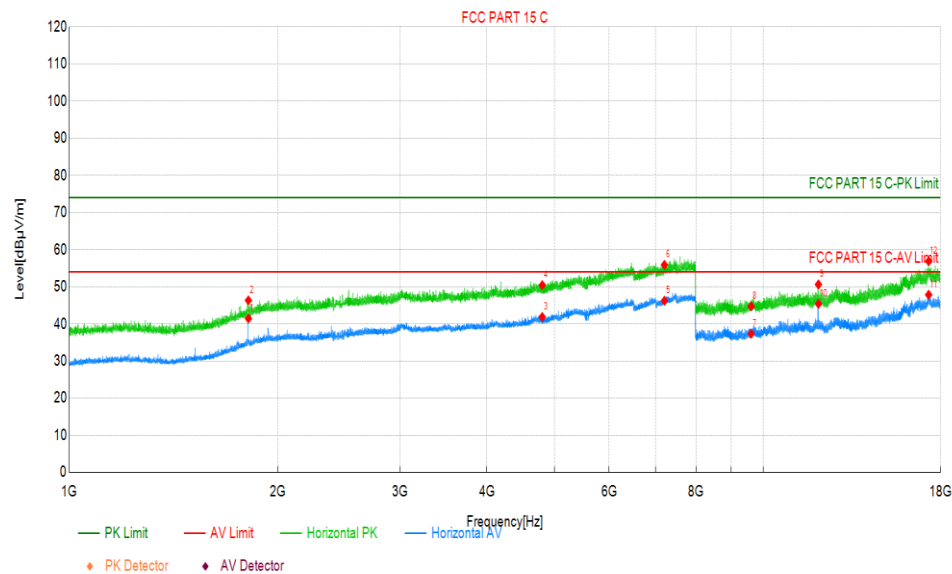
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 2	2480	H	1937.75	33.0	39.52	6.480	54.00	14.48	AV
		H	1937.75	39.6	46.03	6.480	74.00	27.97	PK
		H	4960.00	37.4	49.85	12.450	74.00	24.15	PK
		H	4960.00	29.0	41.47	12.450	54.00	12.53	AV
		H	7440.00	37.9	55.81	17.950	74.00	18.19	PK
		H	7440.00	25.5	43.48	17.950	54.00	10.52	AV
		H	9920.00	30.1	37.36	7.260	54.00	16.64	AV
		H	9920.00	36.8	44.07	7.260	74.00	29.93	PK

Results :



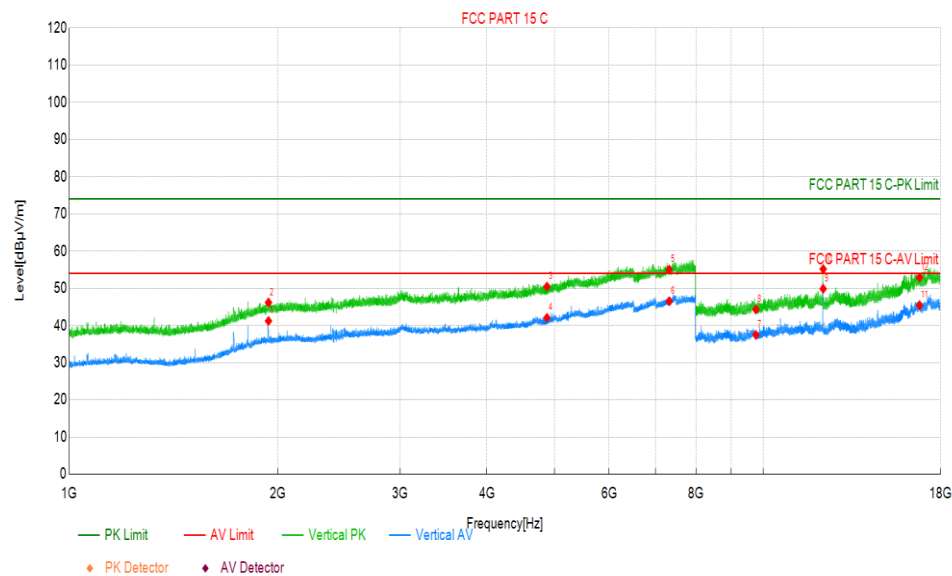
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 3	2402	V	1812.50	34.9	40.06	5.150	54.00	13.94	AV
		V	1812.50	40.7	45.82	5.150	74.00	28.18	PK
		V	4804.00	31.3	43.04	11.740	54.00	10.96	AV
		V	4804.00	38.9	50.61	11.740	74.00	23.39	PK
		V	7206.00	25.8	43.32	17.510	54.00	10.68	AV
		V	7206.00	36.5	54.03	17.510	74.00	19.97	PK
		V	9608.00	30.3	37.42	7.100	54.00	16.58	AV
		V	9608.00	37.6	44.66	7.100	74.00	29.34	PK

Results :



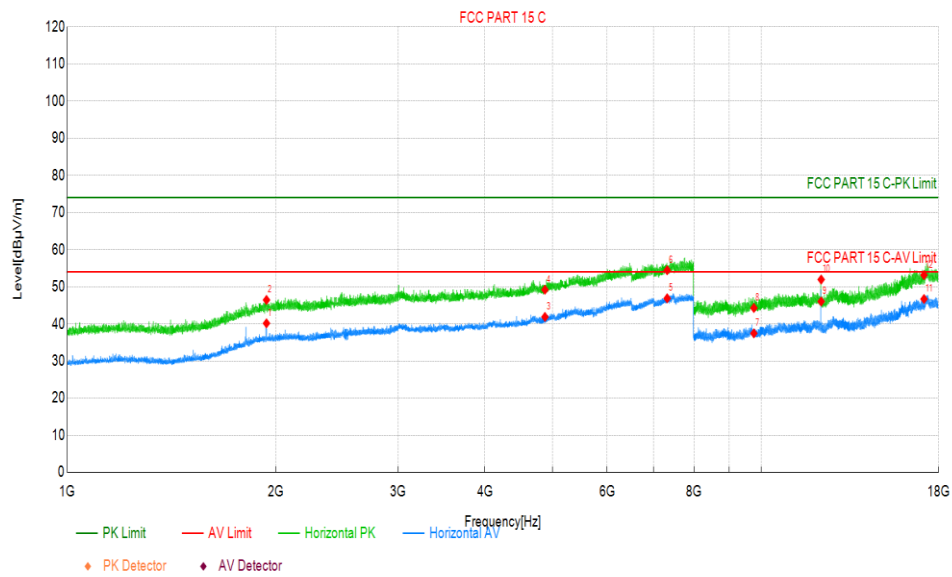
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 3	2402	H	1812.75	36.3	41.46	5.160	54.00	12.54	AV
		H	1812.75	41.2	46.34	5.160	74.00	27.66	PK
		H	4804.00	30.1	41.85	11.740	54.00	12.15	AV
		H	4804.00	38.7	50.43	11.740	74.00	23.57	PK
		H	7206.00	25.7	43.24	17.510	54.00	10.76	AV
		H	7206.00	38.4	55.89	17.510	74.00	18.11	PK
		H	9608.00	30.2	37.34	7.100	54.00	16.66	AV
		H	9608.00	37.6	44.71	7.100	74.00	29.29	PK

Results :



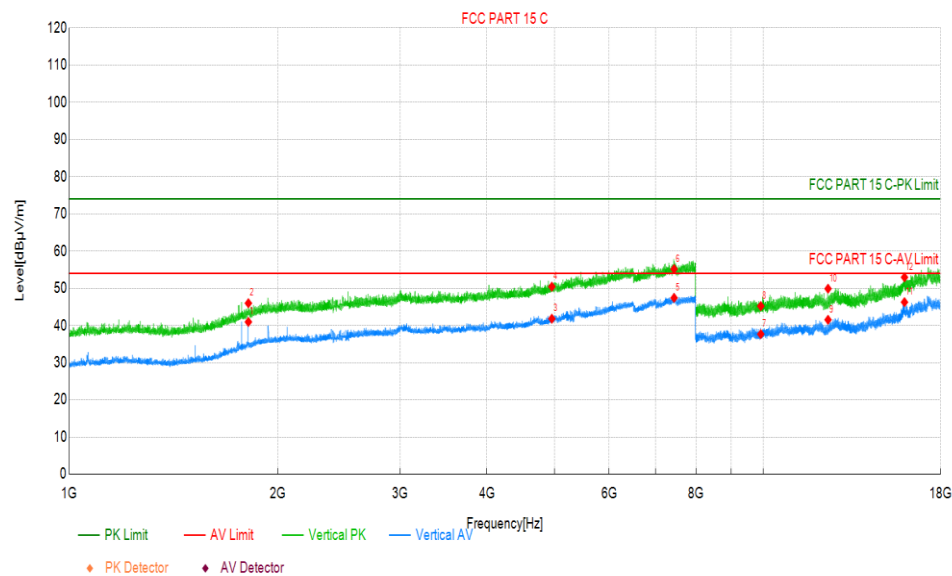
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 3	2440	V	1937.50	34.7	41.21	6.470	54.00	12.79	AV
		V	1937.50	39.7	46.18	6.470	74.00	27.82	PK
		V	4880.00	38.6	50.46	11.890	74.00	23.54	PK
		V	4880.00	30.2	42.06	11.890	54.00	11.94	AV
		V	7320.00	37.3	55.03	17.710	74.00	18.97	PK
		V	7320.00	25.8	43.51	17.710	54.00	10.49	AV
		V	9760.00	30.0	37.47	7.520	54.00	16.53	AV
		V	9760.00	36.8	44.29	7.520	74.00	29.71	PK

Results :



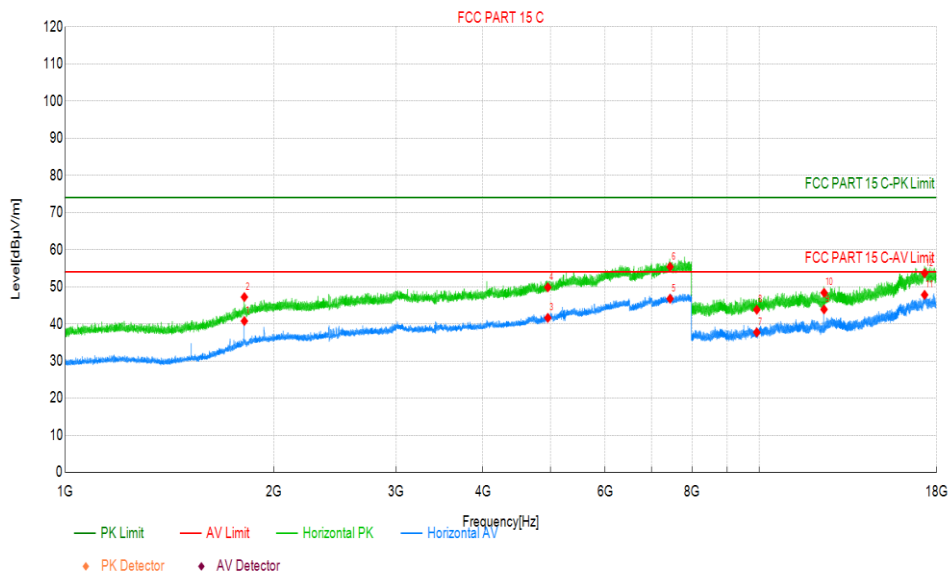
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 3	2440	H	1937.50	33.7	40.17	6.470	54.00	13.83	AV
		H	1937.50	40.0	46.45	6.470	74.00	27.55	PK
		H	4880.00	30.0	41.88	11.890	54.00	12.12	AV
		H	4880.00	37.3	49.21	11.890	74.00	24.79	PK
		H	7320.00	26.2	43.89	17.710	54.00	10.11	AV
		H	7320.00	36.8	54.46	17.710	74.00	19.54	PK
		H	9760.00	29.9	37.46	7.520	54.00	16.54	AV
		H	9760.00	36.8	44.30	7.520	74.00	29.70	PK

Results :



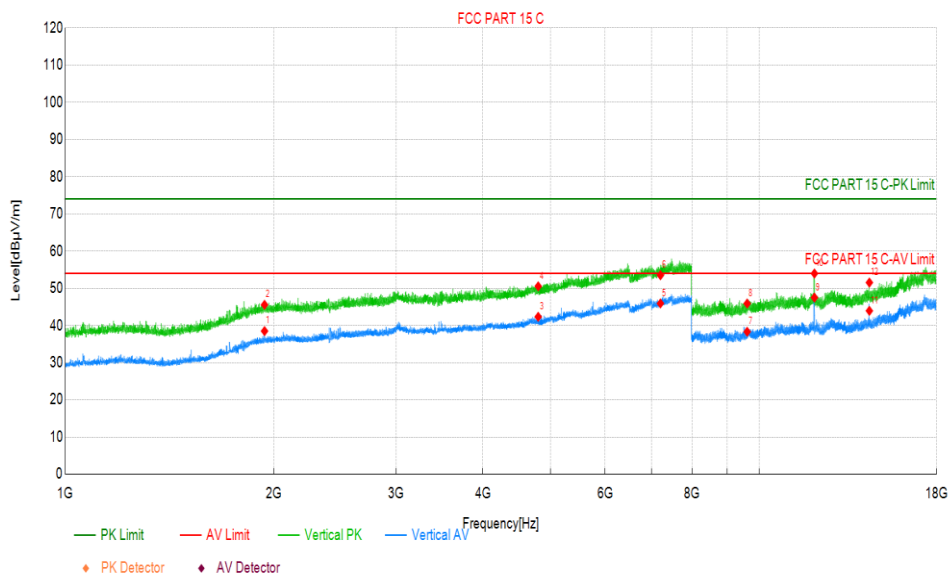
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 3	2480	V	1812.50	35.8	40.96	5.150	54.00	13.04	AV
		V	1812.50	40.8	45.99	5.150	74.00	28.01	PK
		V	4960.00	29.4	41.82	12.450	54.00	12.18	AV
		V	4960.00	38.0	50.43	12.450	74.00	23.57	PK
		V	7440.00	25.5	43.42	17.950	54.00	10.58	AV
		V	7440.00	37.2	55.17	17.950	74.00	18.83	PK
		V	9920.00	30.4	37.68	7.260	54.00	16.32	AV
		V	9920.00	37.9	45.20	7.260	74.00	28.80	PK

Results :



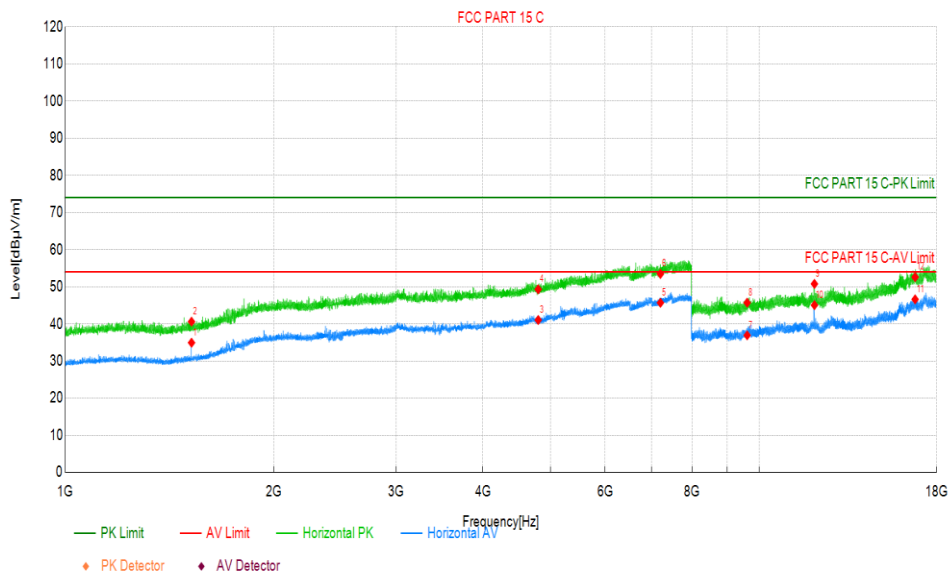
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 3	2480	H	1812.50	35.6	40.78	5.150	54.00	13.22	AV
		H	1812.50	42.1	47.23	5.150	74.00	26.77	PK
		H	4960.00	29.2	41.63	12.450	54.00	12.37	PK
		H	4960.00	37.4	49.84	12.450	74.00	24.16	AV
		H	7440.00	25.8	43.78	17.950	54.00	10.22	AV
		H	7440.00	37.4	55.38	17.950	74.00	18.62	PK
		H	9920.00	30.5	37.74	7.260	54.00	16.26	AV
		H	9920.00	36.6	43.83	7.260	74.00	30.17	PK

Results :



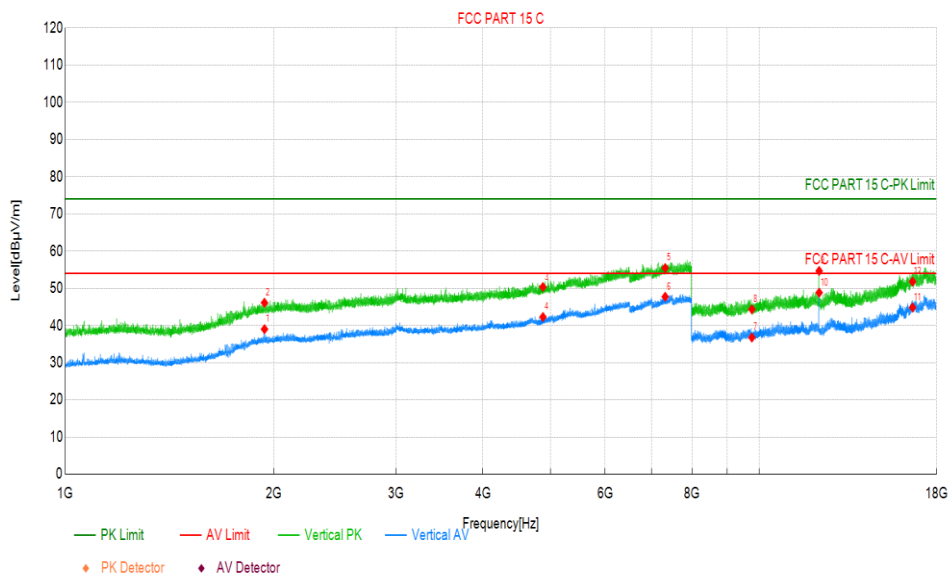
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2402	V	1937.75	32.0	38.49	6.480	54.00	15.51	AV
		V	1937.75	39.1	45.56	6.480	74.00	28.44	PK
		V	4804.00	30.6	42.33	11.740	54.00	11.67	AV
		V	4804.00	38.8	50.53	11.740	74.00	23.47	PK
		V	7206.00	26.4	43.92	17.510	54.00	10.08	AV
		V	7206.00	36.0	53.50	17.510	74.00	20.50	PK
		V	9608.00	31.2	38.32	7.100	54.00	15.68	AV
		V	9608.00	38.8	45.90	7.100	74.00	28.10	PK

Results :



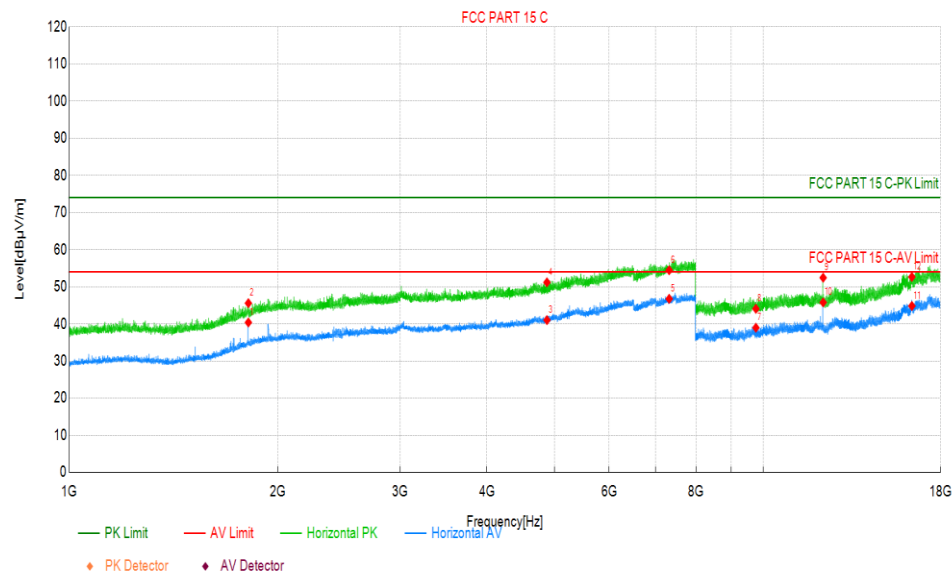
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 4	2402	H	1521.00	34.0	34.94	0.980	54.00	19.06	AV
		H	1521.00	39.6	40.60	0.980	74.00	33.40	PK
		H	4804.00	29.3	41.06	11.740	54.00	12.94	AV
		H	4804.00	37.6	49.31	11.740	74.00	24.69	PK
		H	7206.00	26.2	43.69	17.510	54.00	10.31	AV
		H	7206.00	36.0	53.46	17.510	74.00	20.54	PK
		H	9608.00	29.8	36.93	7.100	54.00	17.07	AV
		H	9608.00	38.6	45.71	7.100	74.00	28.29	PK

Results :



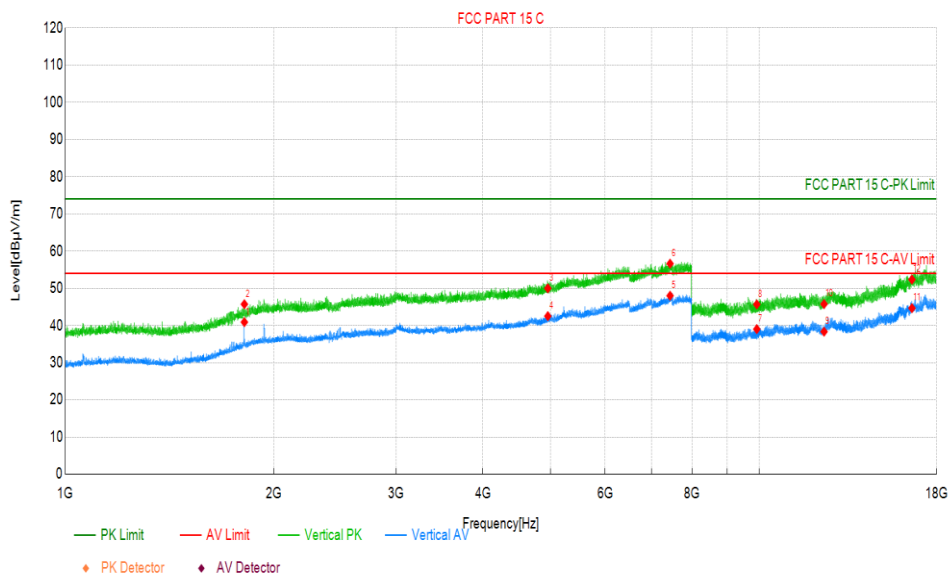
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 4	2440	V	1937.50	32.5	39.00	6.470	54.00	15.00	AV
		V	1937.50	39.6	46.11	6.470	74.00	27.89	PK
		V	4880.00	38.5	50.35	11.890	74.00	23.65	PK
		V	4880.00	30.4	42.28	11.890	54.00	11.72	AV
		V	7320.00	37.7	55.45	17.710	74.00	18.55	PK
		V	7320.00	26.0	43.71	17.710	54.00	10.29	AV
		V	9760.00	29.2	36.76	7.520	54.00	17.24	AV
		V	9760.00	36.8	44.35	7.520	74.00	29.65	PK

Results :



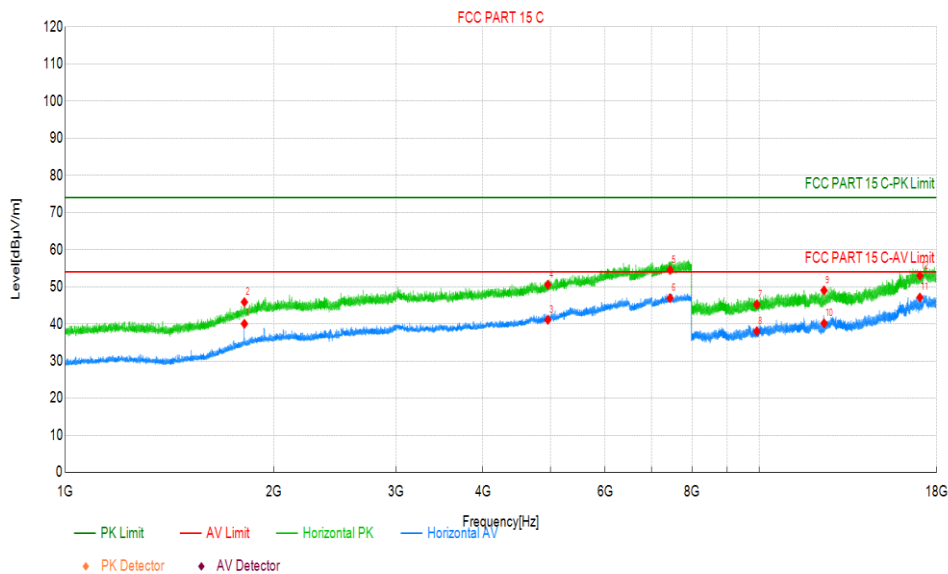
Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 4	2440	H	1812.50	35.2	40.39	5.150	54.00	13.61	AV
		H	1812.50	40.4	45.58	5.150	74.00	28.42	PK
		H	4880.00	29.1	41.03	11.890	54.00	12.97	AV
		H	4880.00	39.3	51.19	11.890	74.00	22.81	PK
		H	7320.00	26.0	43.75	17.710	54.00	10.25	AV
		H	7320.00	36.8	54.46	17.710	74.00	19.54	PK
		H	9760.00	31.5	38.97	7.520	54.00	15.03	AV
		H	9760.00	36.6	44.07	7.520	74.00	29.93	PK

Results :



Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBμV/m)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Type
Mode 4	2480	V	1812.50	35.8	40.90	5.150	54.00	13.10	AV
		V	1812.50	40.6	45.71	5.150	74.00	28.29	PK
		V	4960.00	37.5	49.99	12.450	74.00	24.01	PK
		V	4960.00	30.1	42.51	12.450	54.00	11.49	AV
		V	7440.00	26.1	44.00	17.950	54.00	10.00	AV
		V	7440.00	38.7	56.61	17.950	74.00	17.39	PK
		V	9920.00	31.8	39.02	7.260	54.00	14.98	AV
		V	9920.00	38.4	45.67	7.260	74.00	28.33	PK

Results :



Operating Mode	Channel (MHz)	Polarity	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Type
Mode 4	2480	H	1812.75	34.9	40.03	5.160	54.00	13.97	AV
		H	1812.75	40.7	45.88	5.160	74.00	28.12	PK
		H	4960.00	28.7	41.11	12.450	54.00	12.89	AV
		H	4960.00	38.1	50.58	12.450	74.00	23.42	PK
		H	7440.00	36.6	54.53	17.950	74.00	19.47	PK
		H	7440.00	26.0	43.93	17.950	54.00	10.07	AV
		H	9920.00	38.0	45.23	7.260	74.00	28.77	PK
		H	9920.00	30.8	38.02	7.260	54.00	15.98	AV

5.4	AC Power Line Conducted Emission	VERDICT: PASS
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Standard	FCC Part 15.207, RSS-Gen Issue 5 Amendment 2 Clause 8.8
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Limits

Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾	Limit: AV [dB(μV) ¹⁾	IF BW	Detector(s)
0.15 - 0.50	66 - 56 ²⁾	56 - 46 ²⁾	9 kHz	QP, CAV
0.50 - 5.0	56	46	9 kHz	QP, CAV
5.0 - 30	60	50	9 kHz	QP, CAV

¹⁾ At the transition frequency, the lower limit applies.

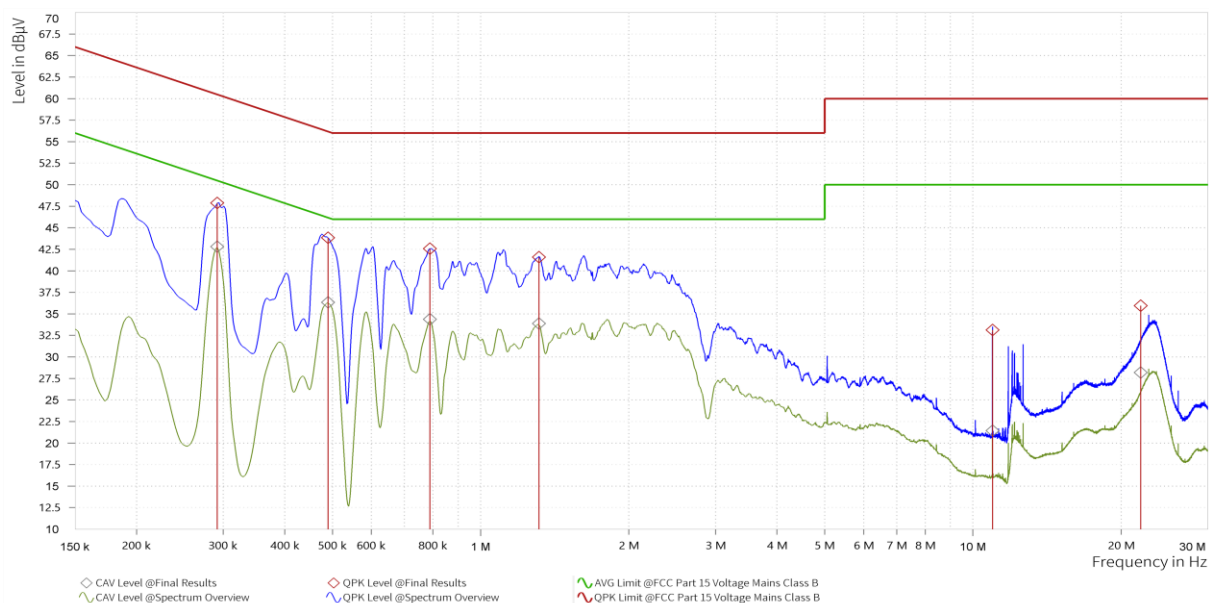
²⁾ The limit decreases linearly with the logarithm of the frequency.

Performed measurements

Port under test		Terminal							
☒	AC mains input power	☒	N	☒	L1	☐	L2	☐	L3
☐	DC input power	☐	Positive (+)			☐	Negative (-)		
Voltage – Mains [V]		120 Vac							
Frequency – Mains [Hz]		60 Hz							
Test method applied	☒	Section 3.3 AC power line conducted emission measurement							
Test setup	☒	Table-top. Equipment on a table of 80 cm height. 40 cm distance to VGP.							
	☐	Table-top. Equipment on a table of 40 cm height. 40 cm distance to HGP.							
	☐	Floor-standing. Equipment on the floor (insulated from ground plane).							
	☐	Artificial hand applied.							
	☐	Other:							
		Refer to Appendix test setup photo(s).							
Operating mode(s) used	Mode 2								
Remark	Pre-scan was performed under all available transmitting modes. Mode 2 was found to produce the highest emission level and was selected for final measurement.								

See next page.

Measurement data	☒	Line	☐	Neutral
Operating mode / voltage / frequency used during the test		Mode 2 / 120 Vac / 60 Hz		
Port under test		AC mains input port		
Model: 9290044386				

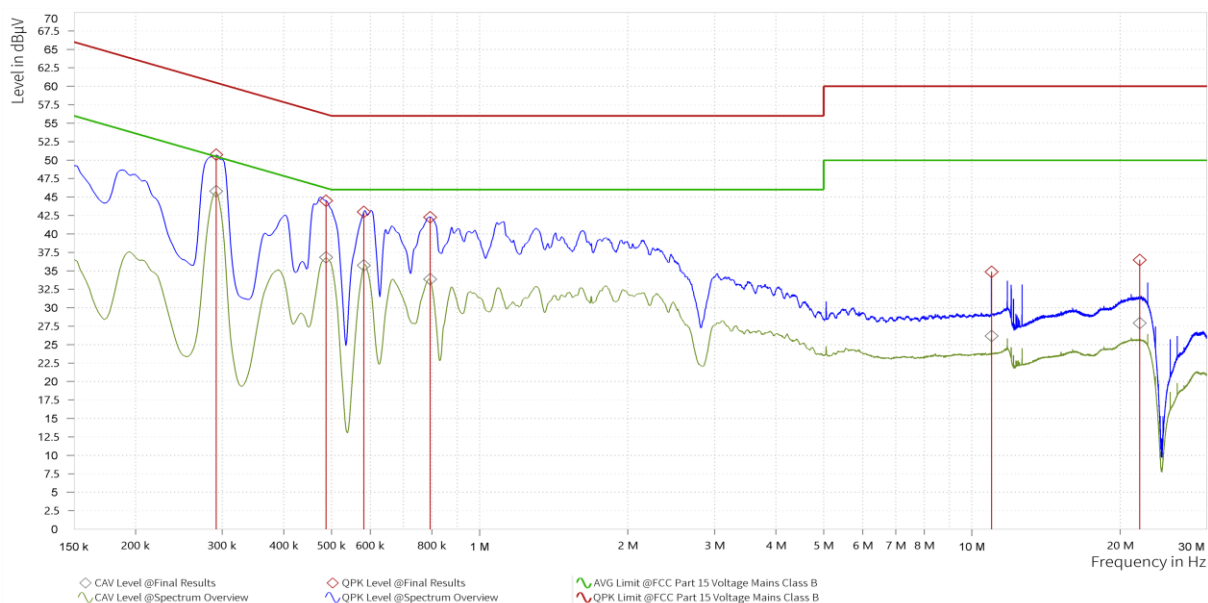


Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	Correction [dB]
0.292	47.89	60.47	12.59	42.80	50.47	7.68	9.77
0.490	43.85	56.17	12.32	36.34	46.17	9.83	9.78
0.789	42.57	56.00	13.43	34.37	46.00	11.63	9.80
1.313	41.60	56.00	14.40	33.88	46.00	12.12	9.82
10.959	33.12	60.00	26.88	21.44	50.00	28.56	10.66
21.919	35.96	60.00	24.04	28.19	50.00	21.81	11.69

Supplementary information:

The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

Measurement data	☐	Line	☒	Neutral
Operating mode / voltage / frequency used during the test		Mode 2 / 120 Vac / 60 Hz		
Port under test		AC mains input port		
Model: 9290044386				



Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	Correction [dB]
0.292	50.73	60.47	9.74	45.78	50.47	4.70	9.78
0.488	44.48	56.21	11.73	36.83	46.21	9.38	9.80
0.582	42.98	56.00	13.02	35.75	46.00	10.25	9.80
0.794	42.27	56.00	13.73	33.88	46.00	12.12	9.82
10.959	34.87	60.00	25.13	26.18	50.00	23.82	10.70
21.919	36.46	60.00	23.54	27.92	50.00	22.08	11.61

Supplementary information:

The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

6 ANNEX 1 – MEASUREMENT UNCERTAINTIES

The table(s) below show(s) measurement uncertainties of the RF test set-ups. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Test Item	Uncertainty	
AC Power Line Conducted Emission	2.6 dB	
Radio frequency & Bandwidth	2 ppm	
RF power, conducted	0.216 dB	
Dwell Time	2.016 ms	
Spurious emissions, radiated	(9 kHz~30 MHz)	2.26 dB
	(30 MHz~1 GHz)	Horizontal: 3.992 dB
		Vertical: 3.986 dB
	(1 GHz~8 GHz)	Horizontal: 4.382 dB
		Vertical: 4.140 dB
	(8 GHz~12.75 GHz)	Horizontal: 4.266 dB
		Vertical: 4.186 dB
	(12.75 GHz~18 GHz)	Horizontal: 4.694 dB
		Vertical: 4.034 dB
	(18 GHz~40 GHz)	Horizontal: 4.010 dB
		Vertical: 4.024 dB
Humidity	1.4 %	
Temperature	0.5 °C	

7 ANNEX 2 – USED EQUIPMENT

The calibration of measurement equipment is valid for one year period.

For section 3.1, Conducted measurement					
Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal. due date
Wireless Connectivity Tester	R&S	CMW270	102651	2026/02/10	2027/02/09
Vector signal generator	R&S	SMM100A	101780	2025/10/27	2026/10/26
Open switch and control platform	R&S	OSP150	100856	2025/10/27	2026/10/26
Signal and Spectrum analyzer	R&S	FSV3044	101287	2025/10/27	2026/10/26
Signal Generator	R&S	SMB100A	183222	2025/10/27	2026/10/26
AC power supply	apc	KDF-11005GS	F322120041	2026/01/05	2027/01/04
DC power supply	apc	ADC-800100-15	D222120022	2026/01/05	2027/01/04
Temperature & Humidity Chamber	HESON	HS-225B	CDW230301-01	2025/10/27	2026/10/26
Software	MWRFtest	MTS 8310	2.0.0.0	N/A	N/A
For section 3.2, Radiated measurement					
Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal. due date
Wideband radio communication tester	R&S	CMW500	171082	2026/02/10	2027/02/09
Signal and Spectrum analyzer	R&S	FSV3044	101286	2025/10/27	2026/10/26
Filterbank	R&S	N/A	100778	N/A	N/A
Open switch and control unit	R&S	OSP220	102454	N/A	N/A
System controller interface	R&S	SCI-200	520020123	N/A	N/A
Trilog broadband antenna	Schwarzbeck	VULB9163	01514	2025/11/05	2026/11/04
Wave guide antenna	Schwarzbeck	3117	00240298	2025/11/12	2026/11/11
Horn Antenna	Schwarzbeck	QMS-00208	27745	2025/11/12	2026/11/11
Horn Antenna	Schwarzbeck	QMS-00880	27646	2025/11/12	2026/11/11
Pre-amplifier	R&S	SCU08F1	101136	2025/11/01	2026/10/30
Pre-amplifier	R&S	SCU18F	100971	2025/10/25	2026/10/24
Pre-amplifier	R&S	SCU18F	100970	2025/10/25	2026/10/24
Pre-amplifier	R&S	SCU40F1	100631	2025/10/25	2026/10/24
Software	R&S	ELEKTRA	4.52.1	N/A	N/A
Software	Tonscend	TS+	5.0.0	N/A	N/A
For section 3.3, AC power line conducted emission measurement					
Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal. due date
EMI test receiver	R&S	ESR3	102958	2025/10/27	2026/10/26
Artificial Mains Network	R&S	ENV216	102772	2025/10/28	2026/10/27
Software	R&S	ELEKTRA	4.32.0	N/A	N/A

8 IDENTIFICATION OF THE EQUIPMENT UNDER TEST

The photographs show the tested device.

Refer to Appendix External Photographs

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