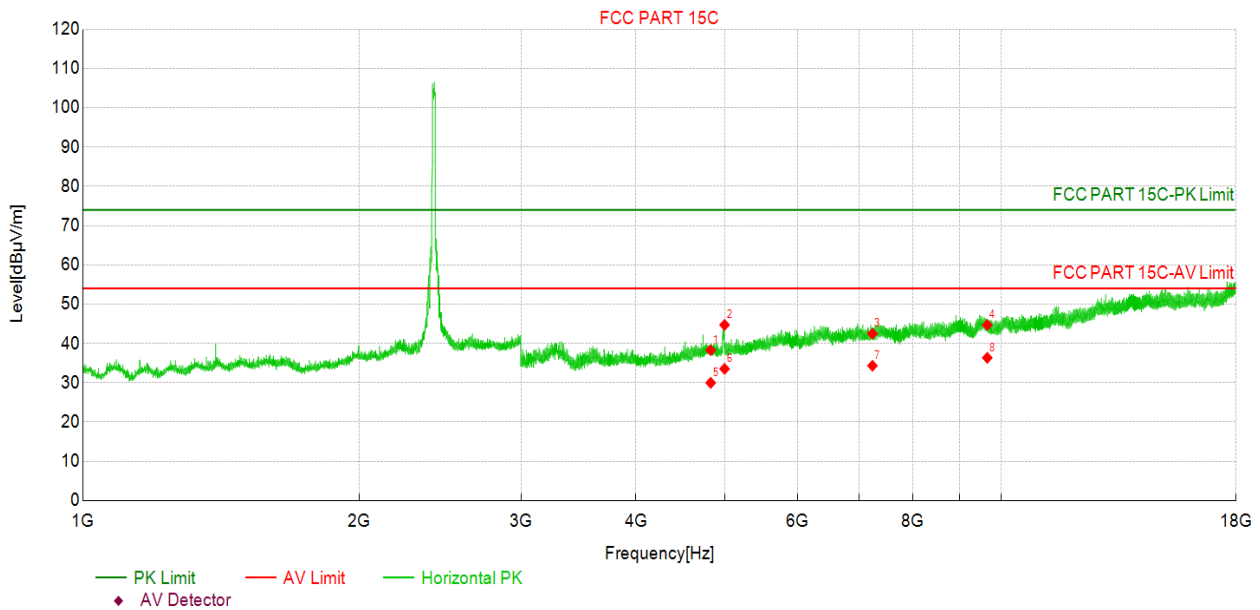


Transmit at 2412MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

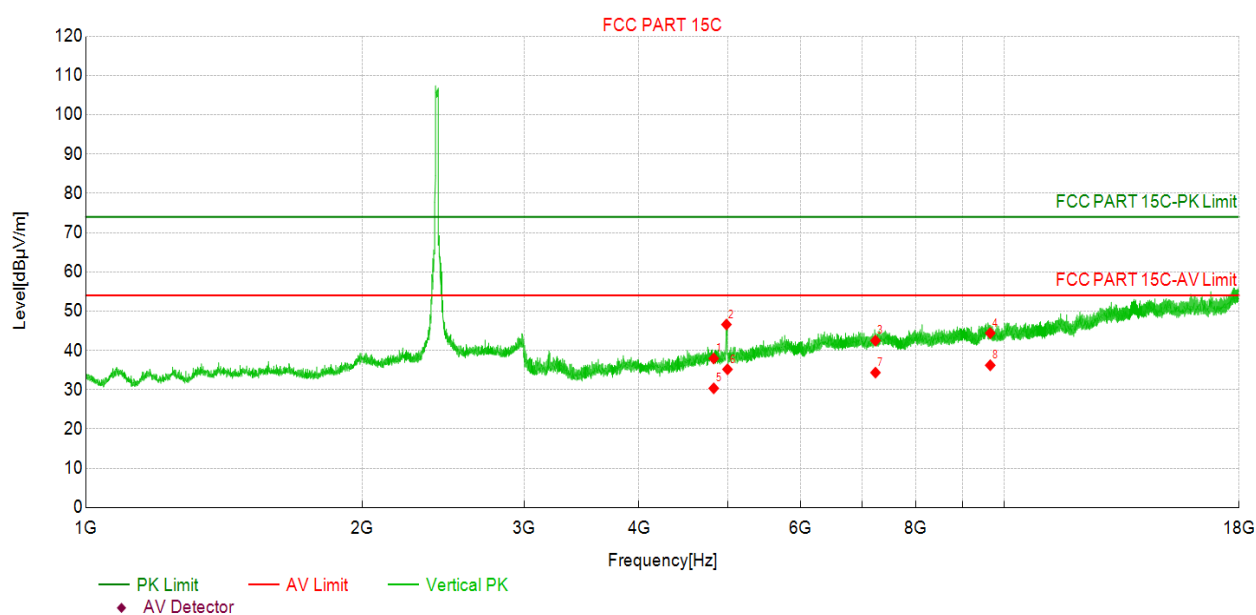


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	45.35	38.29	-7.060	74.00	35.71	PK	Horizo	PASS
2	4994.00	51.18	44.72	-6.460	74.00	29.28	PK	Horizo	PASS
3	7236.00	42.67	42.49	-0.180	74.00	31.51	PK	Horizo	PASS
4	9648.00	42.32	44.70	2.380	74.00	29.30	PK	Horizo	PASS
5	4824.00	37.03	29.97	-7.060	54.00	24.03	AV	Horizo	PASS
6	4994.50	39.99	33.53	-6.460	54.00	20.47	AV	Horizo	PASS
7	7236.00	34.51	34.33	-0.180	54.00	19.67	AV	Horizo	PASS
8	9648.00	33.97	36.35	2.380	54.00	17.65	AV	Horizo	PASS

Transmit at 2412MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

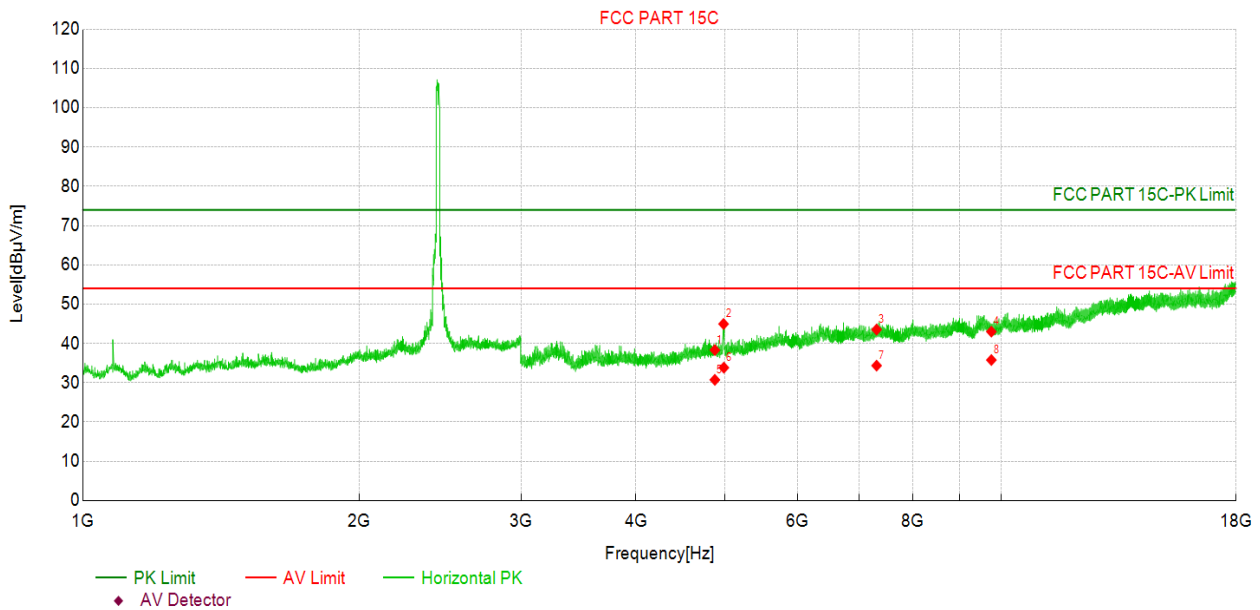


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	45.02	37.96	-7.060	74.00	36.04	PK	Vertic	PASS
2	4980.00	53.16	46.61	-6.550	74.00	27.39	PK	Vertic	PASS
3	7236.00	42.69	42.51	-0.180	74.00	31.49	PK	Vertic	PASS
4	9648.00	42.04	44.42	2.380	74.00	29.58	PK	Vertic	PASS
5	4824.00	37.42	30.36	-7.060	54.00	23.64	AV	Vertic	PASS
6	4993.00	41.67	35.20	-6.470	54.00	18.80	AV	Vertic	PASS
7	7236.00	34.53	34.35	-0.180	54.00	19.65	AV	Vertic	PASS
8	9648.00	33.84	36.22	2.380	54.00	17.78	AV	Vertic	PASS

Transmit at 2437MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

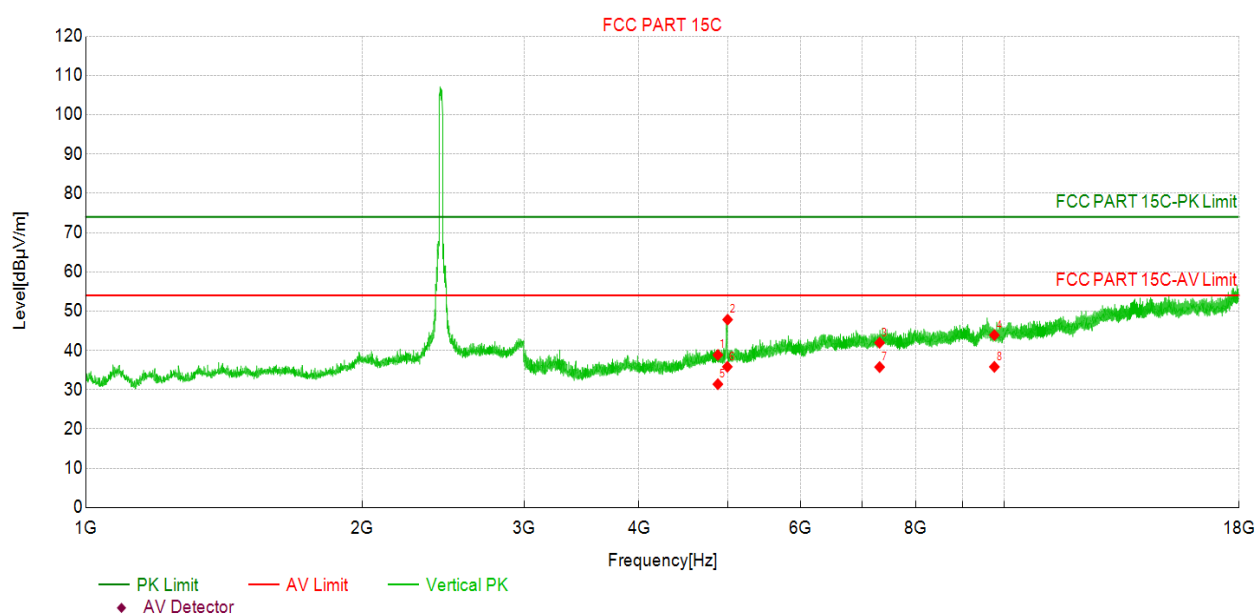


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.36	38.32	-7.040	74.00	35.68	PK	Horizo	PASS
2	4981.50	51.49	44.96	-6.530	74.00	29.04	PK	Horizo	PASS
3	7311.00	43.72	43.53	-0.190	74.00	30.47	PK	Horizo	PASS
4	9748.00	40.66	43.00	2.340	74.00	31.00	PK	Horizo	PASS
5	4874.00	37.78	30.74	-7.040	54.00	23.26	AV	Horizo	PASS
6	4985.50	40.36	33.84	-6.520	54.00	20.16	AV	Horizo	PASS
7	7311.00	34.55	34.36	-0.190	54.00	19.64	AV	Horizo	PASS
8	9748.00	33.44	35.78	2.340	54.00	18.22	AV	Horizo	PASS

Transmit at 2437MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

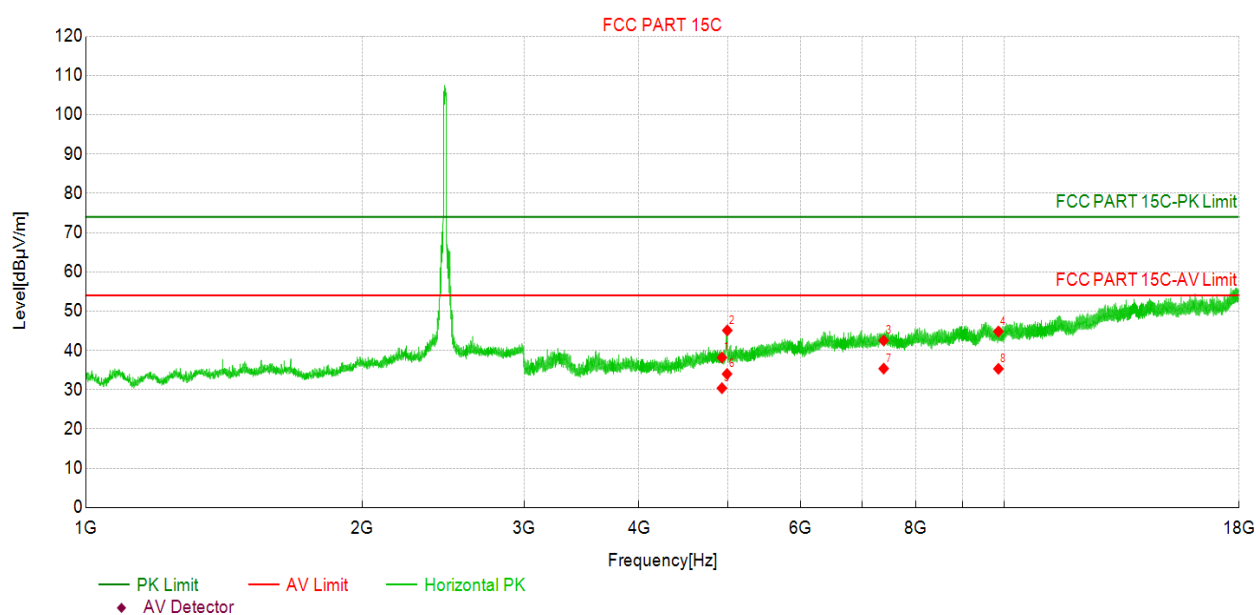


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.89	38.85	-7.040	74.00	35.15	PK	Vertic	PASS
2	4995.00	54.31	47.85	-6.460	74.00	26.15	PK	Vertic	PASS
3	7311.00	42.15	41.96	-0.190	74.00	32.04	PK	Vertic	PASS
4	9748.00	41.58	43.92	2.340	74.00	30.08	PK	Vertic	PASS
5	4874.00	38.45	31.41	-7.040	54.00	22.59	AV	Vertic	PASS
6	4991.50	42.33	35.85	-6.480	54.00	18.15	AV	Vertic	PASS
7	7311.00	35.95	35.76	-0.190	54.00	18.24	AV	Vertic	PASS
8	9748.00	33.49	35.83	2.340	54.00	18.17	AV	Vertic	PASS

Transmit at 2462MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

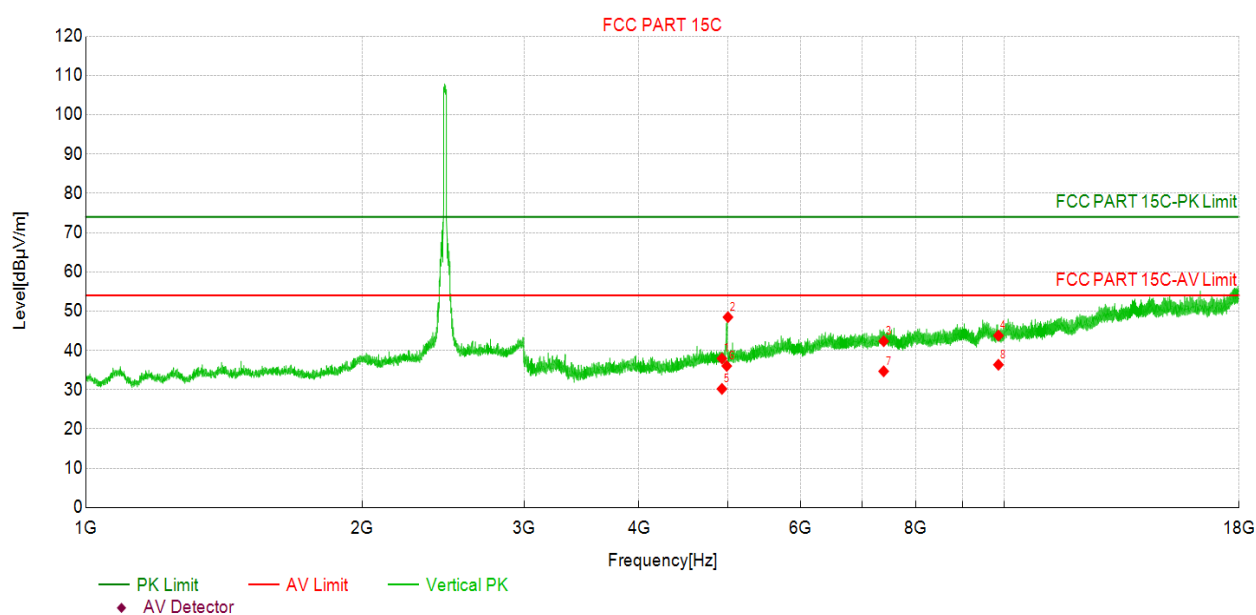


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	45.08	38.20	-6.880	74.00	35.80	PK	Horizo	PASS
2	4990.50	51.59	45.10	-6.490	74.00	28.90	PK	Horizo	PASS
3	7386.00	42.60	42.53	-0.070	74.00	31.47	PK	Horizo	PASS
4	9848.00	42.24	44.83	2.590	74.00	29.17	PK	Horizo	PASS
5	4924.00	37.28	30.40	-6.880	54.00	23.60	AV	Horizo	PASS
6	4987.50	40.51	34.01	-6.500	54.00	19.99	AV	Horizo	PASS
7	7386.00	35.45	35.38	-0.070	54.00	18.62	AV	Horizo	PASS
8	9848.00	32.74	35.33	2.590	54.00	18.67	AV	Horizo	PASS

Transmit at 2462MHz by 802.11ac(20Mhz) with Ant MAIN+AUX

Test Graph

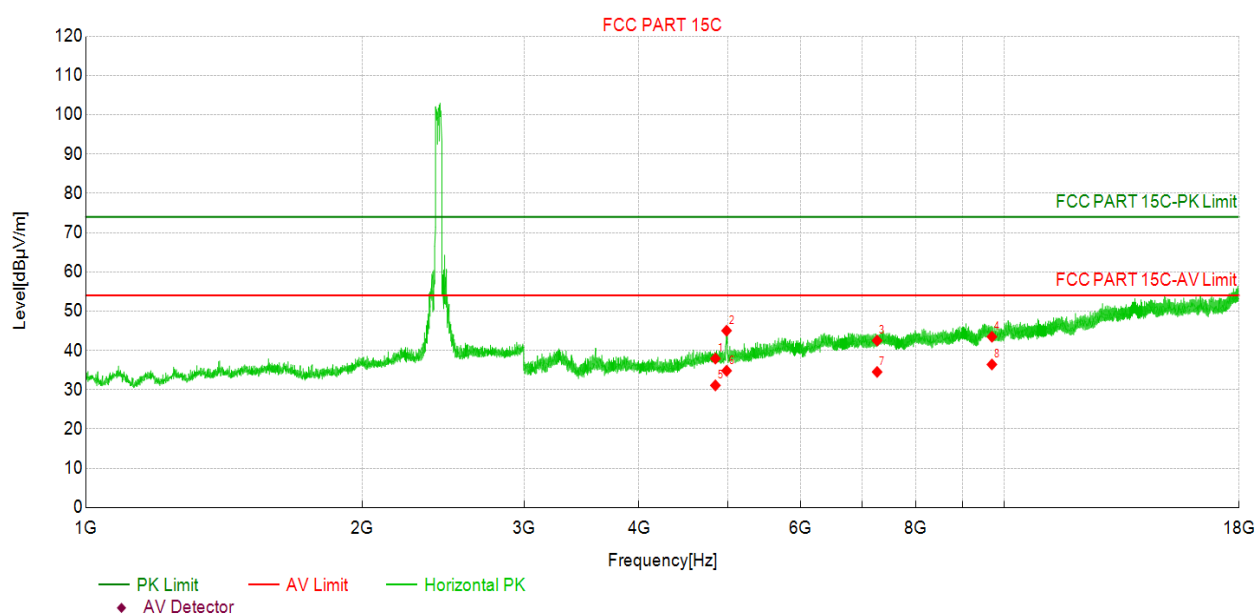


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	44.83	37.95	-6.880	74.00	36.05	PK	Vertic	PASS
2	4999.00	54.90	48.47	-6.430	74.00	25.53	PK	Vertic	PASS
3	7386.00	42.42	42.35	-0.070	74.00	31.65	PK	Vertic	PASS
4	9848.00	41.20	43.79	2.590	74.00	30.21	PK	Vertic	PASS
5	4924.00	37.09	30.21	-6.880	54.00	23.79	AV	Vertic	PASS
6	4983.50	42.58	36.05	-6.530	54.00	17.95	AV	Vertic	PASS
7	7386.00	34.76	34.69	-0.070	54.00	19.31	AV	Vertic	PASS
8	9848.00	33.77	36.36	2.590	54.00	17.64	AV	Vertic	PASS

Transmit at 2422MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

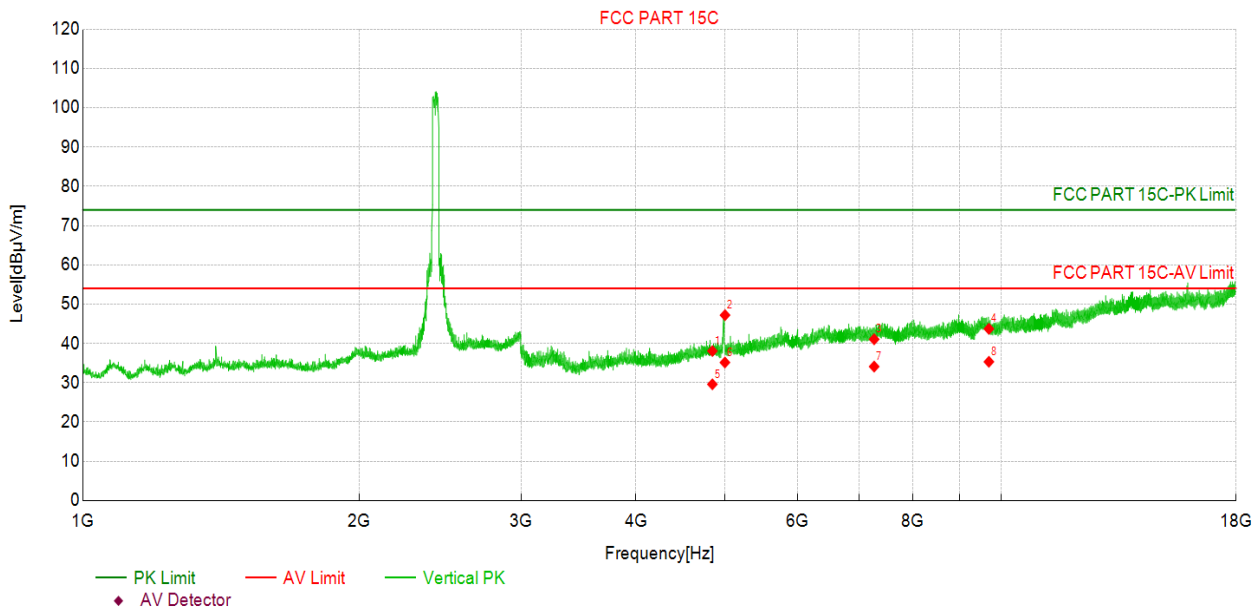


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	44.98	37.93	-7.050	74.00	36.07	PK	Horizo	PASS
2	4981.50	51.56	45.03	-6.530	74.00	28.97	PK	Horizo	PASS
3	7266.00	42.69	42.51	-0.180	74.00	31.49	PK	Horizo	PASS
4	9688.00	41.32	43.48	2.160	74.00	30.52	PK	Horizo	PASS
5	4844.00	38.16	31.11	-7.050	54.00	22.89	AV	Horizo	PASS
6	4982.00	41.35	34.82	-6.530	54.00	19.18	AV	Horizo	PASS
7	7266.00	34.71	34.53	-0.180	54.00	19.47	AV	Horizo	PASS
8	9688.00	34.27	36.43	2.160	54.00	17.57	AV	Horizo	PASS

Transmit at 2422MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

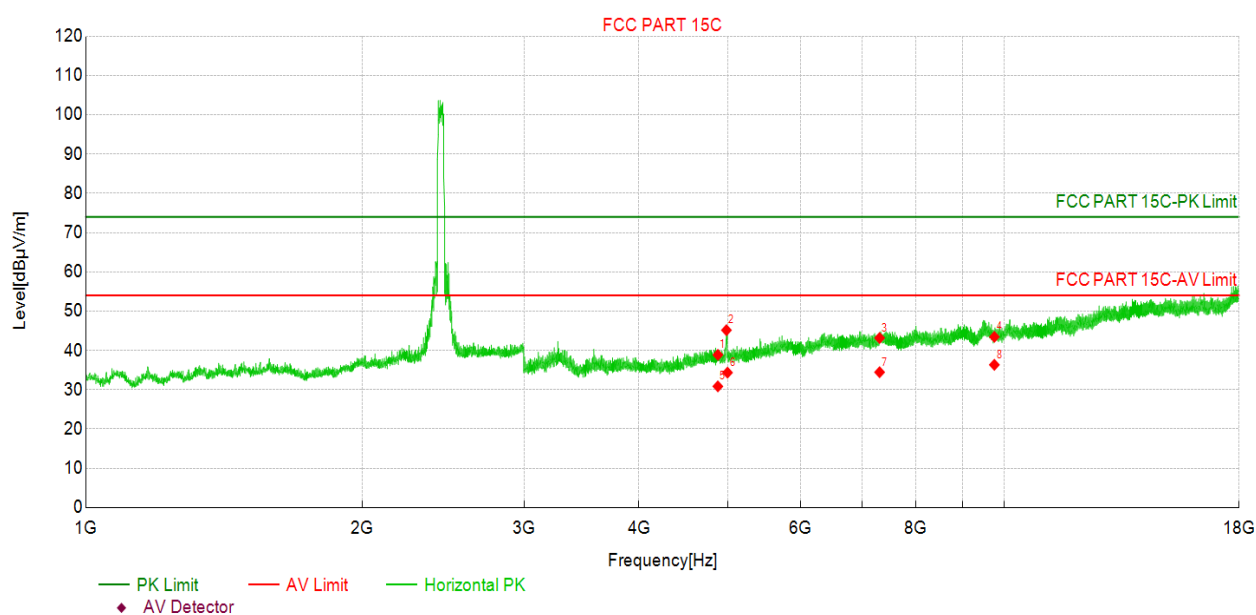


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	45.12	38.07	-7.050	74.00	35.93	PK	Vertic	PASS
2	5000.00	53.63	47.20	-6.430	74.00	26.80	PK	Vertic	PASS
3	7266.00	41.25	41.07	-0.180	74.00	32.93	PK	Vertic	PASS
4	9688.00	41.56	43.72	2.160	74.00	30.28	PK	Vertic	PASS
5	4844.00	36.66	29.61	-7.050	54.00	24.39	AV	Vertic	PASS
6	4998.50	41.59	35.15	-6.440	54.00	18.85	AV	Vertic	PASS
7	7266.00	34.30	34.12	-0.180	54.00	19.88	AV	Vertic	PASS
8	9688.00	33.18	35.34	2.160	54.00	18.66	AV	Vertic	PASS

Transmit at 2437MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

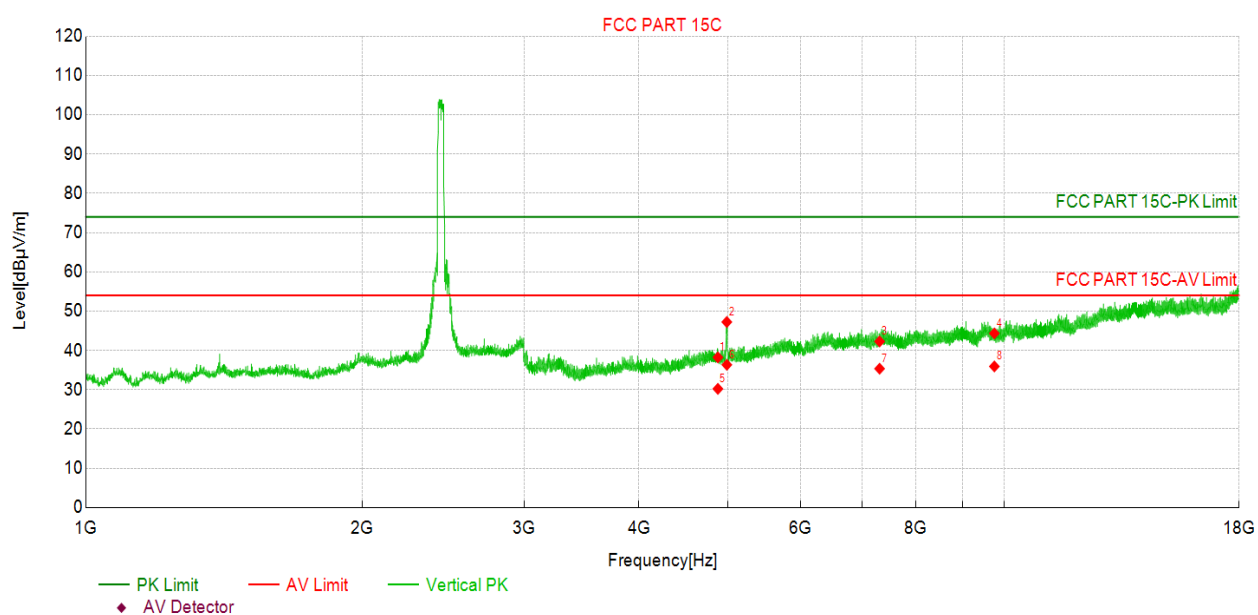


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.92	38.88	-7.040	74.00	35.12	PK	Horizo	PASS
2	4980.00	51.71	45.16	-6.550	74.00	28.84	PK	Horizo	PASS
3	7311.00	43.36	43.17	-0.190	74.00	30.83	PK	Horizo	PASS
4	9748.00	41.12	43.46	2.340	74.00	30.54	PK	Horizo	PASS
5	4874.00	37.90	30.86	-7.040	54.00	23.14	AV	Horizo	PASS
6	4993.50	40.82	34.35	-6.470	54.00	19.65	AV	Horizo	PASS
7	7311.00	34.65	34.46	-0.190	54.00	19.54	AV	Horizo	PASS
8	9748.00	34.01	36.35	2.340	54.00	17.65	AV	Horizo	PASS

Transmit at 2437MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

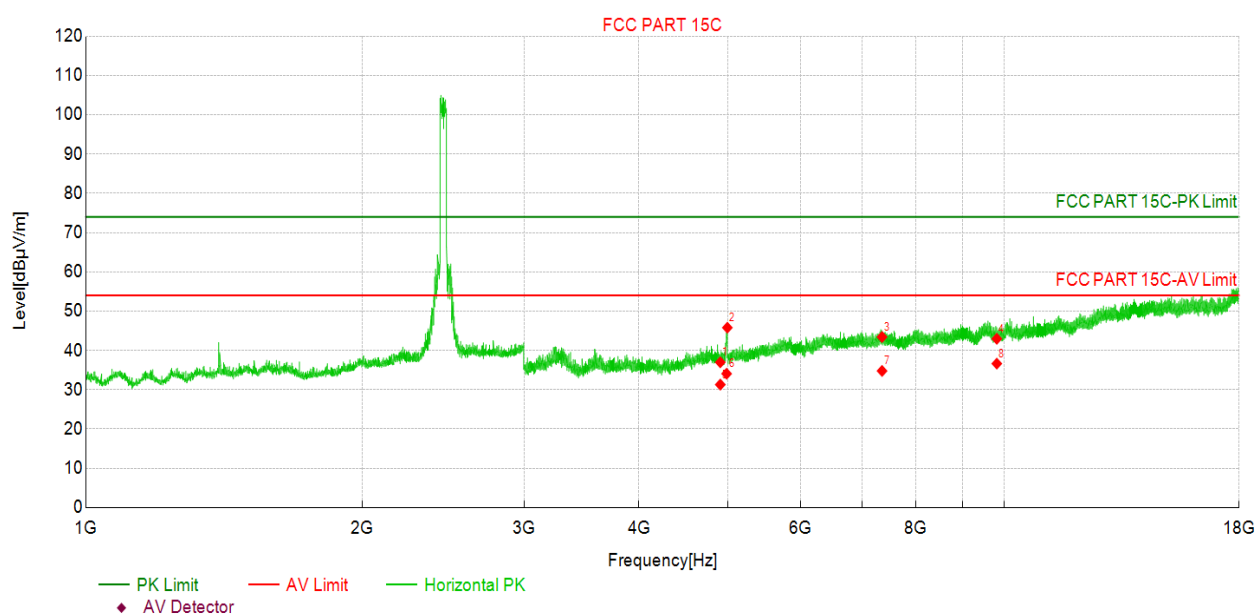


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.28	38.24	-7.040	74.00	35.76	PK	Vertic	PASS
2	4985.00	53.76	47.24	-6.520	74.00	26.76	PK	Vertic	PASS
3	7311.00	42.48	42.29	-0.190	74.00	31.71	PK	Vertic	PASS
4	9748.00	42.00	44.34	2.340	74.00	29.66	PK	Vertic	PASS
5	4874.00	37.27	30.23	-7.040	54.00	23.77	AV	Vertic	PASS
6	4985.50	42.87	36.35	-6.520	54.00	17.65	AV	Vertic	PASS
7	7311.00	35.55	35.36	-0.190	54.00	18.64	AV	Vertic	PASS
8	9748.00	33.60	35.94	2.340	54.00	18.06	AV	Vertic	PASS

Transmit at 2452MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

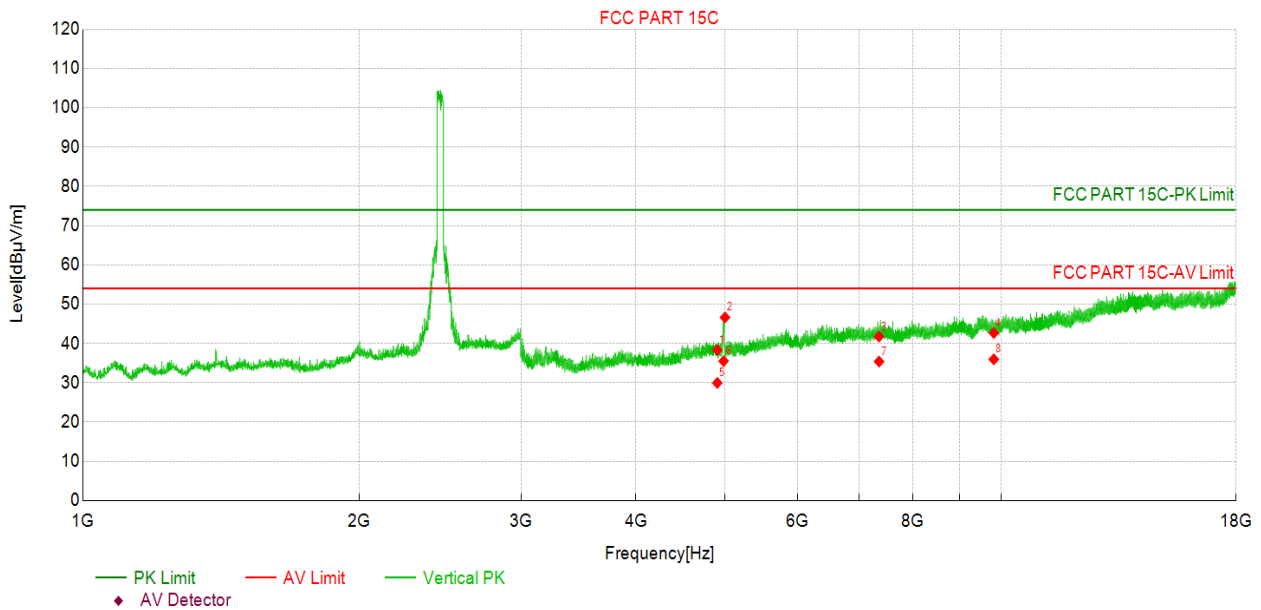


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	43.99	36.99	-7.000	74.00	37.01	PK	Horizo	PASS
2	4991.50	52.28	45.80	-6.480	74.00	28.20	PK	Horizo	PASS
3	7356.00	43.54	43.43	-0.110	74.00	30.57	PK	Horizo	PASS
4	9808.00	40.37	42.97	2.600	74.00	31.03	PK	Horizo	PASS
5	4904.00	38.30	31.30	-7.000	54.00	22.70	AV	Horizo	PASS
6	4982.50	40.60	34.07	-6.530	54.00	19.93	AV	Horizo	PASS
7	7356.00	34.90	34.79	-0.110	54.00	19.21	AV	Horizo	PASS
8	9808.00	34.04	36.64	2.600	54.00	17.36	AV	Horizo	PASS

Transmit at 2452MHz by 802.11ac(40Mhz) with Ant MAIN+AUX

Test Graph

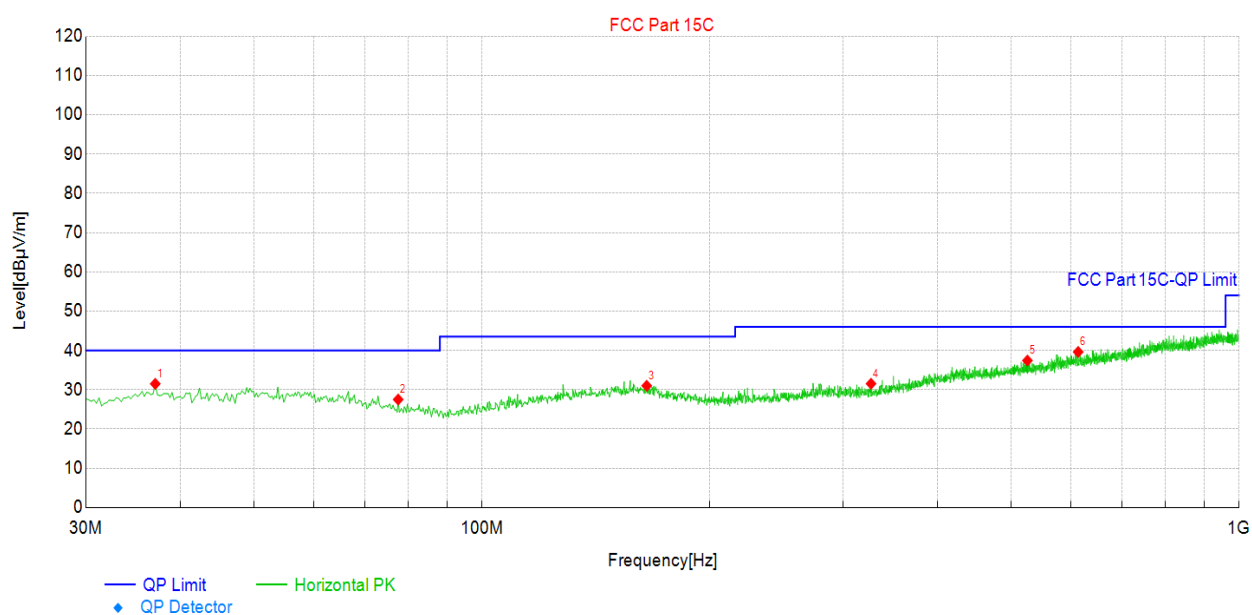


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	45.33	38.33	-7.000	74.00	35.67	PK	Vertic	PASS
2	5000.00	53.05	46.62	-6.430	74.00	27.38	PK	Vertic	PASS
3	7356.00	41.87	41.76	-0.110	74.00	32.24	PK	Vertic	PASS
4	9808.00	40.07	42.67	2.600	74.00	31.33	PK	Vertic	PASS
5	4904.00	36.95	29.95	-7.000	54.00	24.05	AV	Vertic	PASS
6	4982.50	42.05	35.52	-6.530	54.00	18.48	AV	Vertic	PASS
7	7356.00	35.51	35.40	-0.110	54.00	18.60	AV	Vertic	PASS
8	9808.00	33.37	35.97	2.600	54.00	18.03	AV	Vertic	PASS

Transmit at 2412MHz by 802.11b with Ant MAIN+AUX

Test Graph

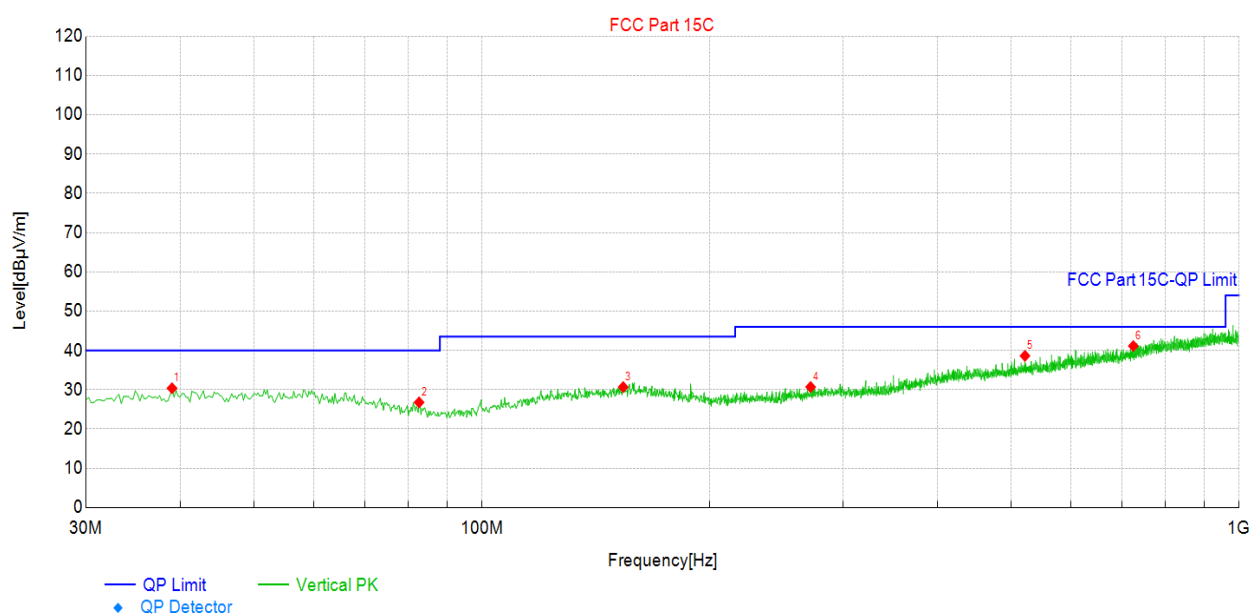


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	37.03	17.23	31.51	14.280	40.00	8.49	PK	Horizo	PASS
2	77.53	16.25	27.51	11.260	40.00	12.49	PK	Horizo	PASS
3	165.07	15.87	31.01	15.140	43.50	12.49	PK	Horizo	PASS
4	326.58	14.74	31.53	16.790	46.00	14.47	PK	Horizo	PASS
5	525.43	15.78	37.43	21.650	46.00	8.57	PK	Horizo	PASS
6	613.21	15.65	39.62	23.970	46.00	6.38	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant MAIN+AUX

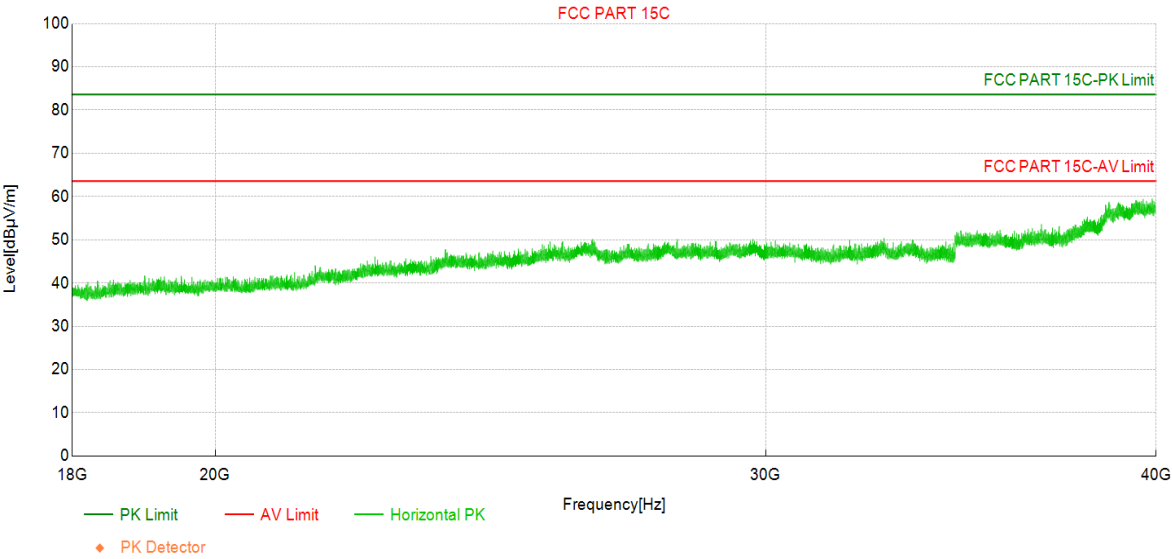
Test Graph



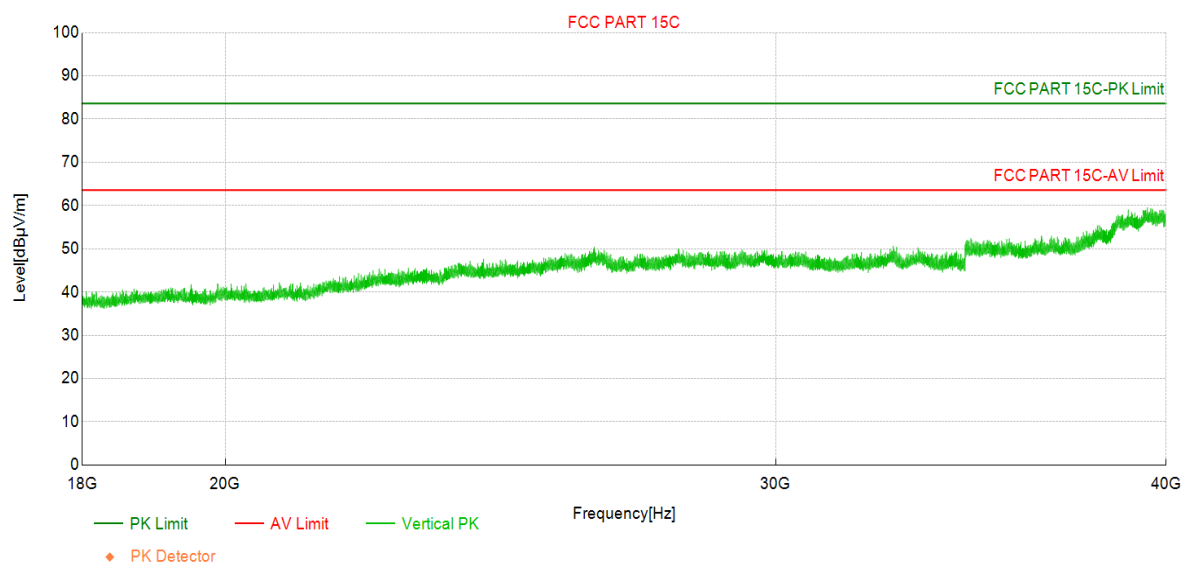
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	38.97	15.84	30.38	14.540	40.00	9.62	PK	Vertic	PASS
2	82.62	16.54	26.79	10.250	40.00	13.21	PK	Vertic	PASS
3	153.68	15.38	30.67	15.290	43.50	12.83	PK	Vertic	PASS
4	271.77	15.72	30.70	14.980	46.00	15.30	PK	Vertic	PASS
5	521.55	17.00	38.63	21.630	46.00	7.37	PK	Vertic	PASS
6	725.01	15.31	41.13	25.820	46.00	4.87	PK	Vertic	PASS

Test Graph



Test Graph



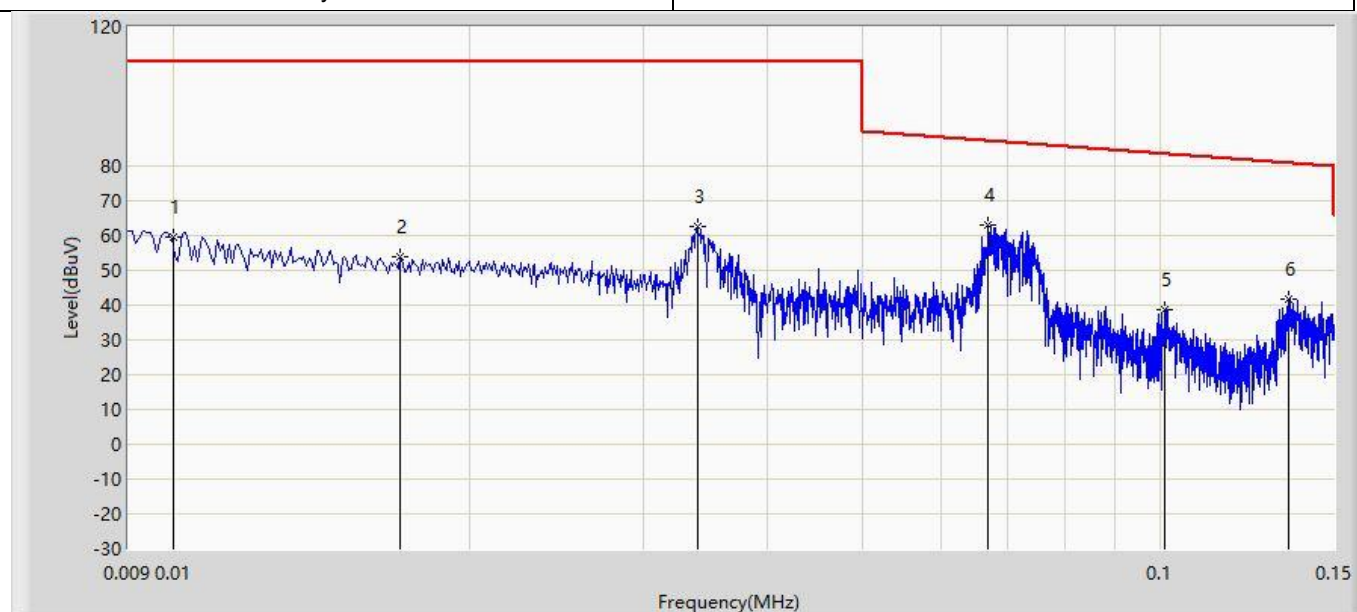
Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

Note: In the report, for the sections below 1G and 18~40G, verification tests were only performed on the worst channel in the worst mode of the 1~18G range.

Note: All test data above 18GHz are noise base, so no data shown in this report.

AC Power Line Conducted Emission

Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
Note: Transmit at 2412MHz by 802.11b	Power: AC 120V/60Hz



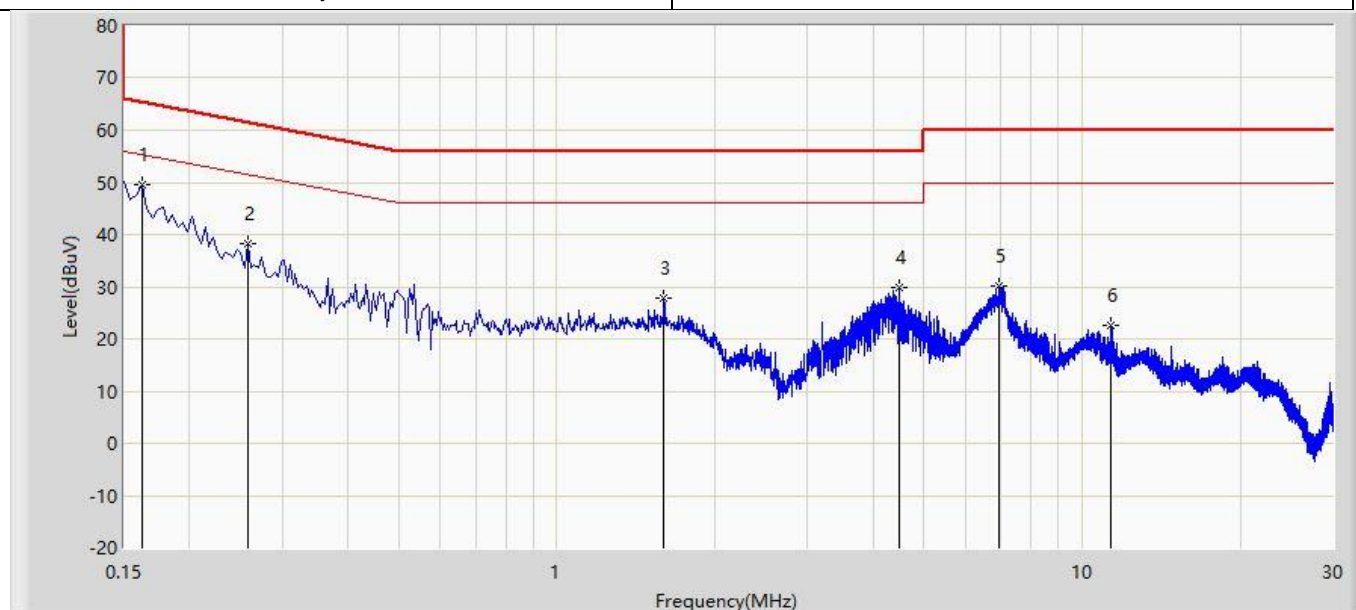
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.010	59.712	49.363	-50.288	110.000	10.349	QP
2		0.017	54.072	43.869	-55.928	110.000	10.203	QP
3		0.034	62.421	52.574	-47.579	110.000	9.847	QP
4	*	0.067	63.235	53.523	-24.101	87.336	9.712	QP
5		0.101	38.662	28.972	-44.938	83.600	9.690	QP
6		0.135	41.525	31.848	-39.434	80.959	9.677	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Line

Note: Transmit at 2412MHz by 802.11b

Power: AC 120V/60Hz



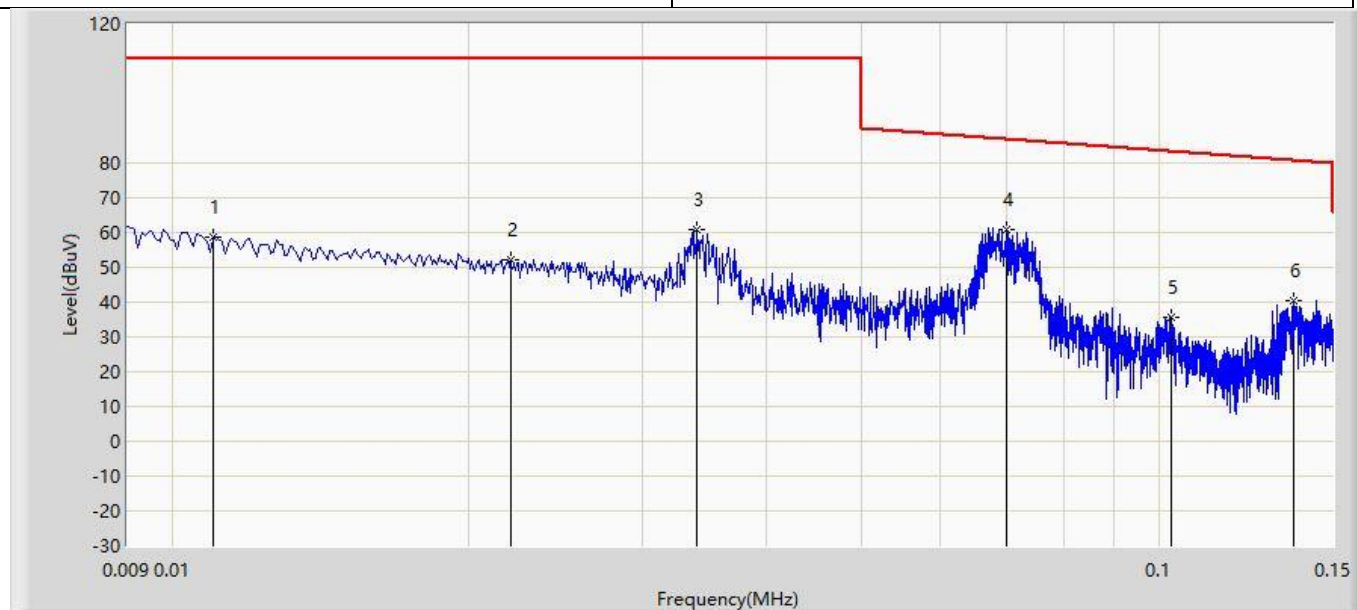
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.162	49.561	39.894	-15.800	65.361	9.667	QP
2		0.258	38.244	28.581	-23.251	61.496	9.663	QP
3		1.598	27.731	17.992	-28.269	56.000	9.739	QP
4		4.482	29.755	19.948	-26.245	56.000	9.807	QP
5		6.954	30.026	20.160	-29.974	60.000	9.866	QP
6		11.362	22.660	12.678	-37.340	60.000	9.982	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2412MHz by 802.11b

Power: AC 120V/60Hz



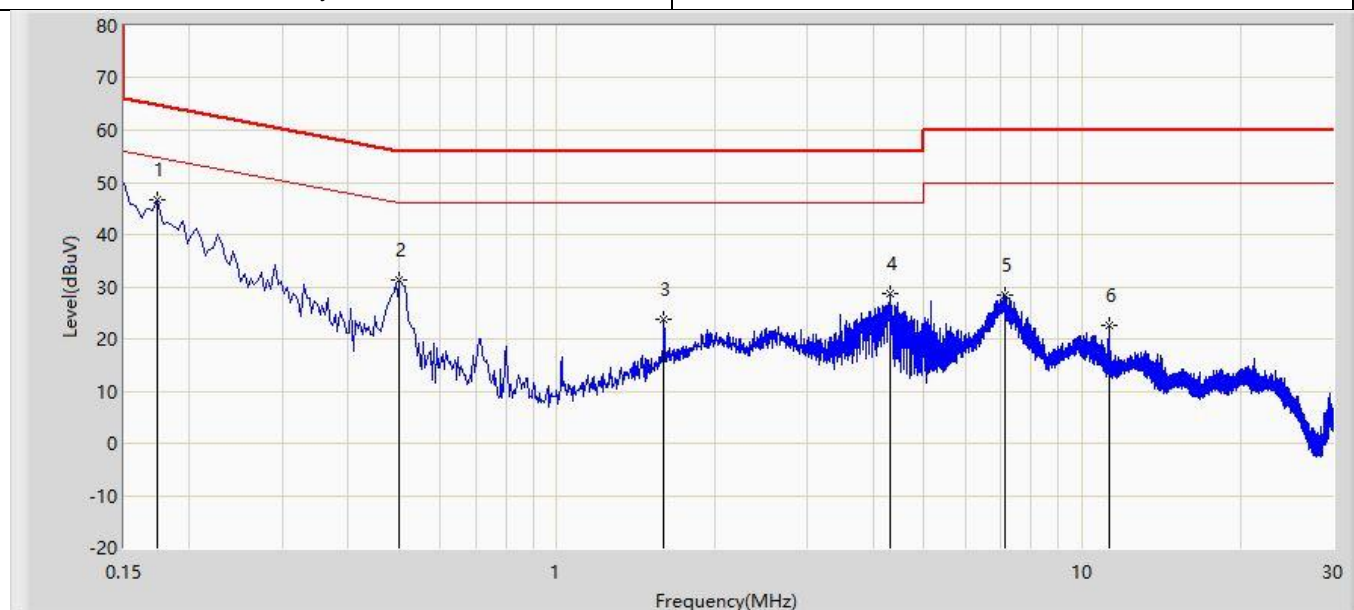
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.011	58.756	48.390	-51.244	110.000	10.366	QP
2		0.022	52.219	42.096	-57.781	110.000	10.123	QP
3		0.034	60.658	50.799	-49.342	110.000	9.859	QP
4	*	0.070	60.661	50.962	-26.276	86.937	9.699	QP
5		0.103	35.744	26.088	-47.678	83.422	9.656	QP
6		0.137	40.270	30.587	-40.555	80.825	9.683	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2412MHz by 802.11b

Power: AC 120V/60Hz



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.174	46.587	36.914	-18.180	64.767	9.673	QP
2		0.502	31.307	21.710	-24.693	56.000	9.596	QP
3		1.598	23.665	13.976	-32.335	56.000	9.689	QP
4		4.298	28.693	18.912	-27.307	56.000	9.781	QP
5		7.126	28.342	18.432	-31.658	60.000	9.910	QP
6		11.226	22.629	12.619	-37.371	60.000	10.010	QP

Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

The End
