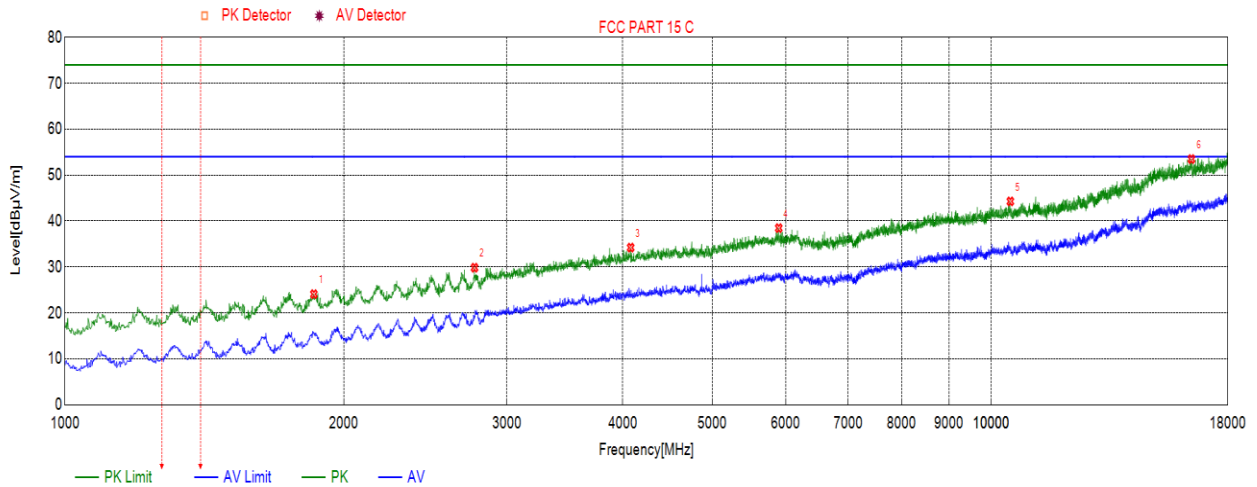


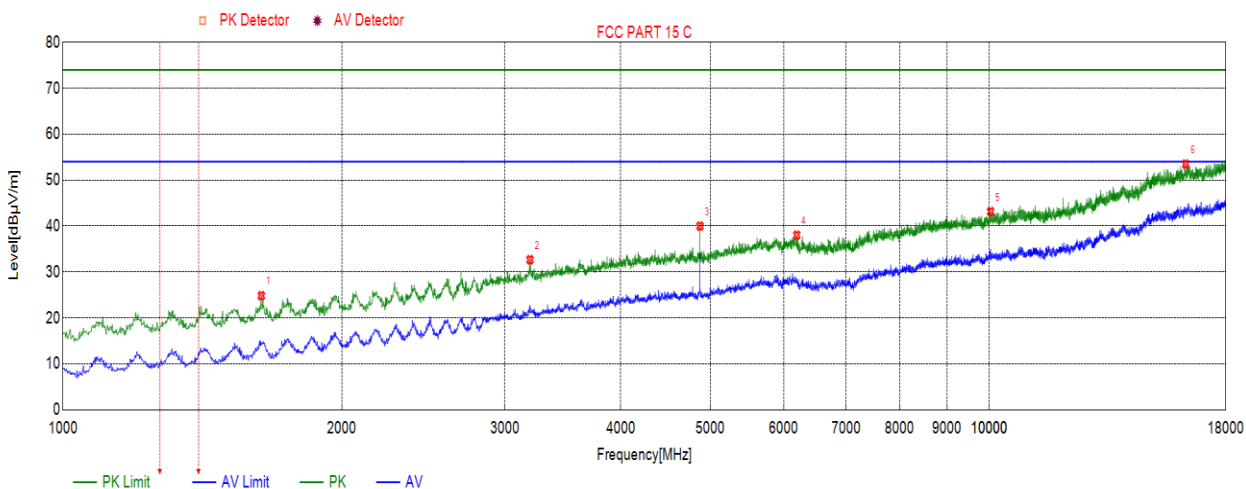
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1856.8857	24.09	74.00	-49.91	54.00	-29.91	peak
2	2768.1768	29.85	74.00	-44.15	54.00	-24.15	peak
3	4080.7081	34.22	74.00	-39.78	54.00	-19.78	peak
4	5896.4896	38.47	74.00	-35.53	54.00	-15.53	peak
5	10485.2485	44.28	74.00	-29.72	54.00	-9.72	peak
6	16446.0446	53.50	74.00	-20.50	54.00	-0.5	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

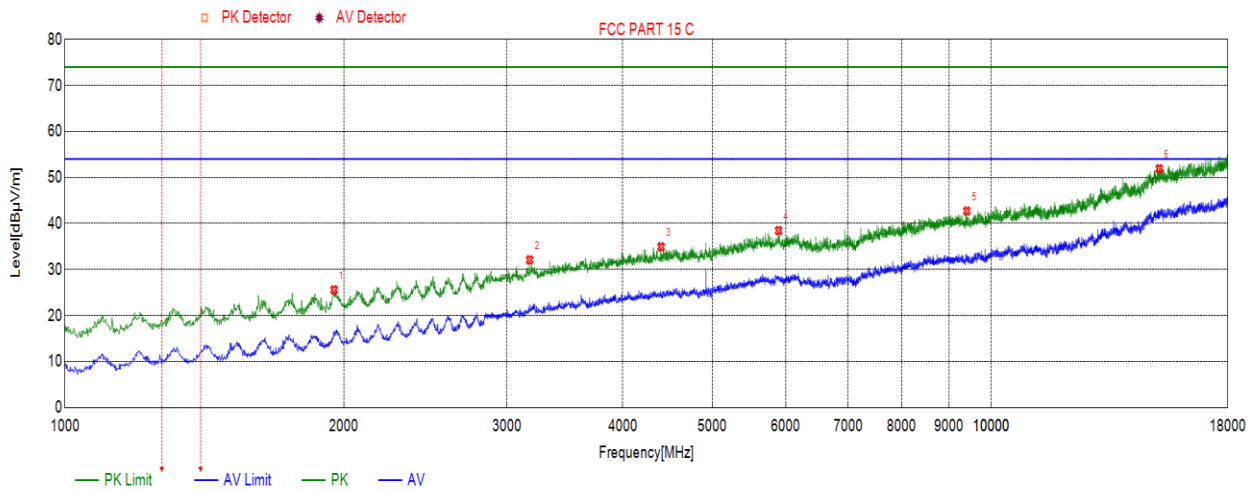
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1637.5638	24.83	74.00	-49.17	54.00	-29.17	peak
2	3193.2193	32.67	74.00	-41.33	54.00	-21.33	peak
3	4872.9873	39.99	74.00	-34.01	54.00	-14.01	peak
4	6197.4197	38.02	74.00	-35.98	54.00	-15.98	peak
5	10033.0033	43.14	74.00	-30.86	54.00	-10.86	peak
6	16291.3291	53.50	74.00	-20.50	54.00	-0.5	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

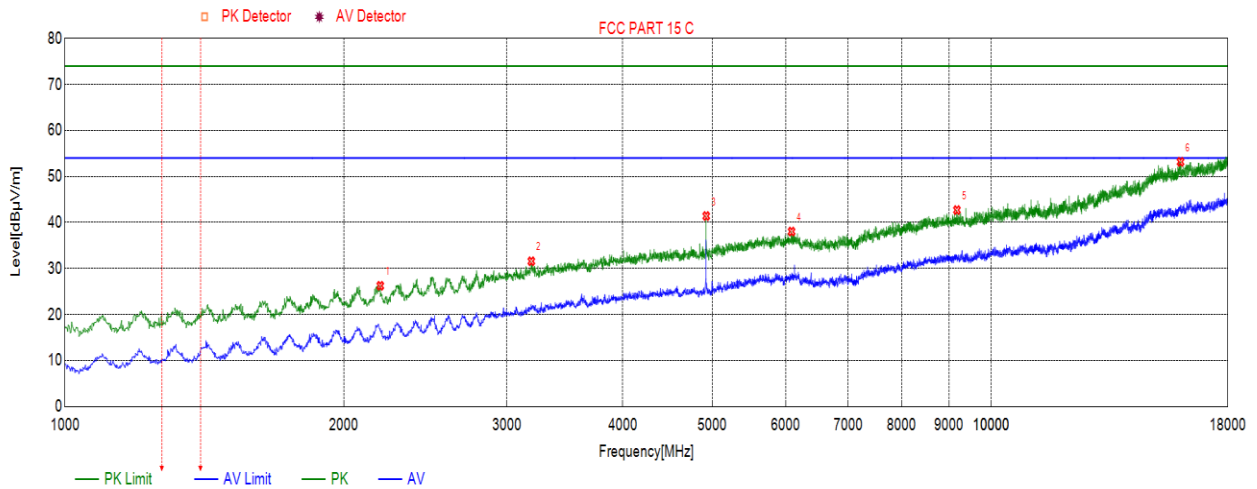
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1952.0952	25.56	74.00	-48.44	54.00	-28.44	peak
2	3174.5175	32.09	74.00	-41.91	54.00	-21.91	peak
3	4400.3400	34.94	74.00	-39.06	54.00	-19.06	peak
4	5893.0893	38.46	74.00	-35.54	54.00	-15.54	peak
5	9409.0409	42.71	74.00	-31.29	54.00	-11.29	peak
6	15177.7178	51.90	74.00	-22.10	54.00	-2.1	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS

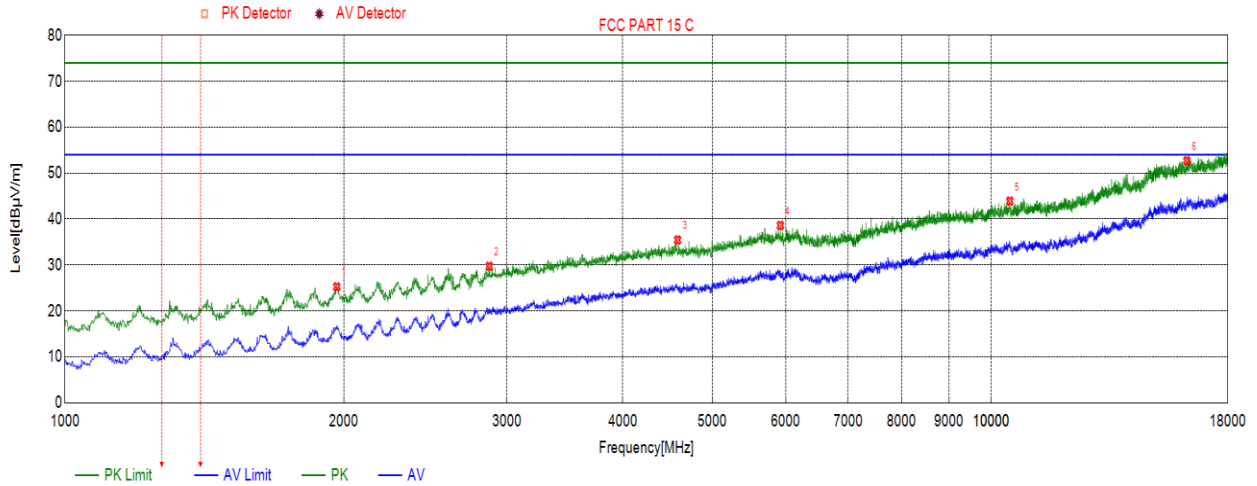


No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2190.1190	26.25	74.00	-47.75	54.00	-27.75	peak
2	3188.1188	31.58	74.00	-42.42	54.00	-22.42	peak
3	4923.9924	41.41	74.00	-32.59	54.00	-12.59	peak
4	6086.9087	38.03	74.00	-35.97	54.00	-15.97	peak
5	9181.2181	42.71	74.00	-31.29	54.00	-11.29	peak
6	16005.7006	53.18	74.00	-20.82	54.00	-0.82	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
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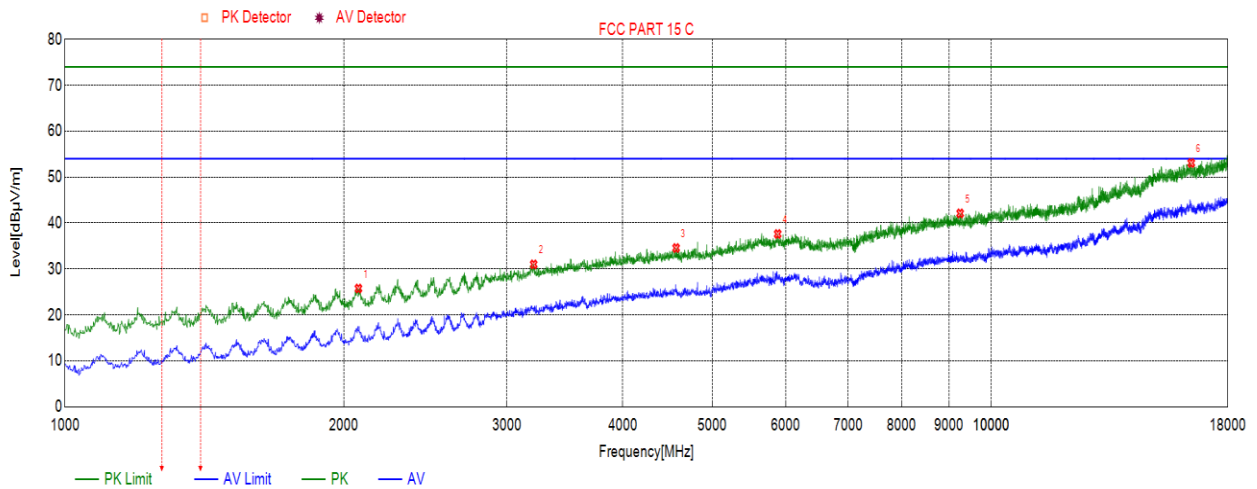
11G	LCH	Horizontal	PASS
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No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1965.6966	25.22	74.00	-48.78	54.00	-28.78	peak
2	2871.8872	29.72	74.00	-44.28	54.00	-24.28	peak
3	4585.6586	35.44	74.00	-38.56	54.00	-18.56	peak
4	5920.2920	38.61	74.00	-35.39	54.00	-15.39	peak
5	10471.6472	43.90	74.00	-30.10	54.00	-10.1	peak
6	16259.0259	52.70	74.00	-21.30	54.00	-1.3	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

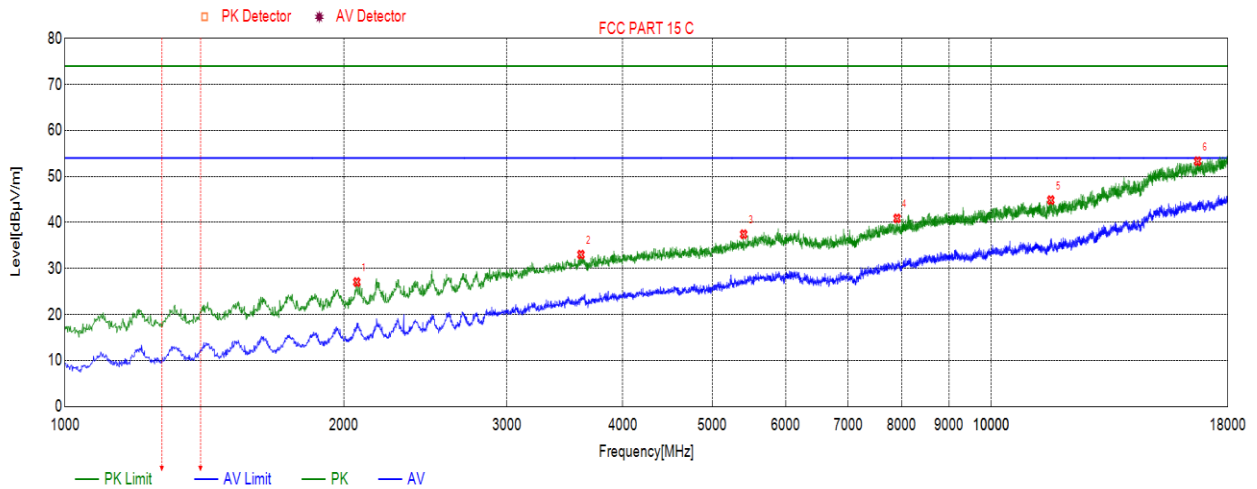
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2074.5075	25.75	74.00	-48.25	54.00	-28.25	peak
2	3206.8207	31.01	74.00	-42.99	54.00	-22.99	peak
3	4568.6569	34.57	74.00	-39.43	54.00	-19.43	peak
4	5881.1881	37.63	74.00	-36.37	54.00	-16.37	peak
5	9256.0256	42.11	74.00	-31.89	54.00	-11.89	peak
6	16437.5438	53.08	74.00	-20.92	54.00	-0.92	peak

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

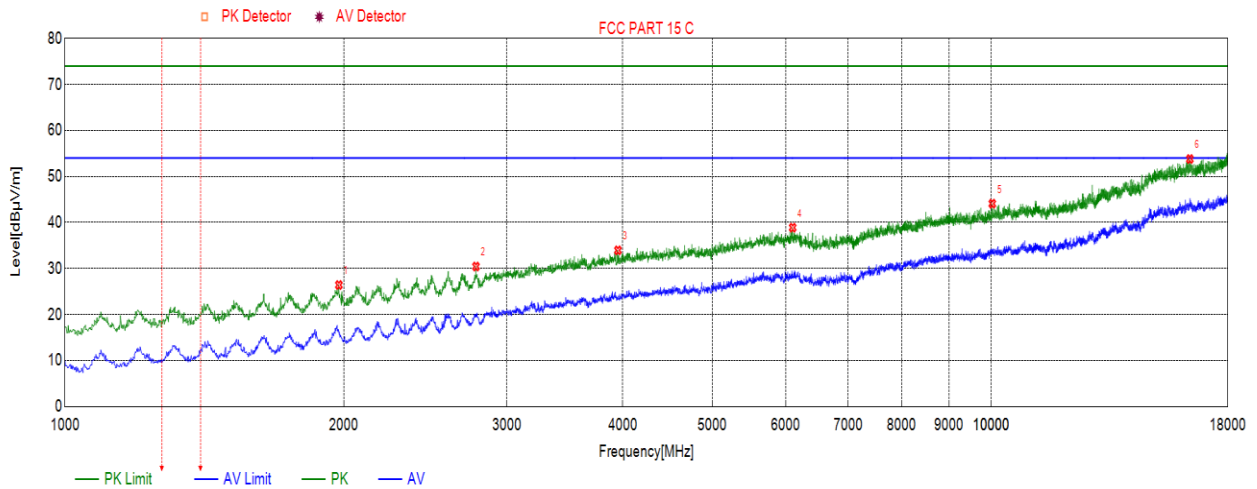
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2066.0066	27.05	74.00	-46.95	54.00	-26.95	peak
2	3606.3606	33.02	74.00	-40.98	54.00	-20.98	peak
3	5403.4403	37.45	74.00	-36.55	54.00	-16.55	peak
4	7912.8913	40.89	74.00	-33.11	54.00	-13.11	peak
5	11595.4595	44.87	74.00	-29.13	54.00	-9.13	peak
6	16702.7703	53.31	74.00	-20.69	54.00	-0.69	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

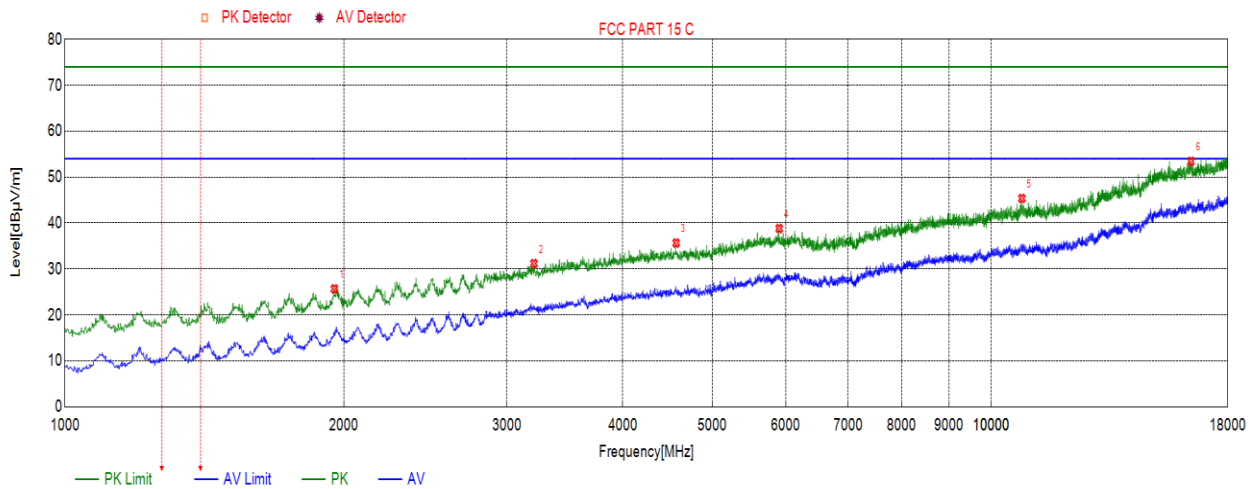
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1975.8976	26.42	74.00	-47.58	54.00	-27.58	peak
2	2778.3778	30.43	74.00	-43.57	54.00	-23.57	peak
3	3953.1953	33.96	74.00	-40.04	54.00	-20.04	peak
4	6103.9104	38.88	74.00	-35.12	54.00	-15.12	peak
5	10024.5025	44.10	74.00	-29.90	54.00	-9.9	peak
6	16381.4381	53.79	74.00	-20.21	54.00	-0.21	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

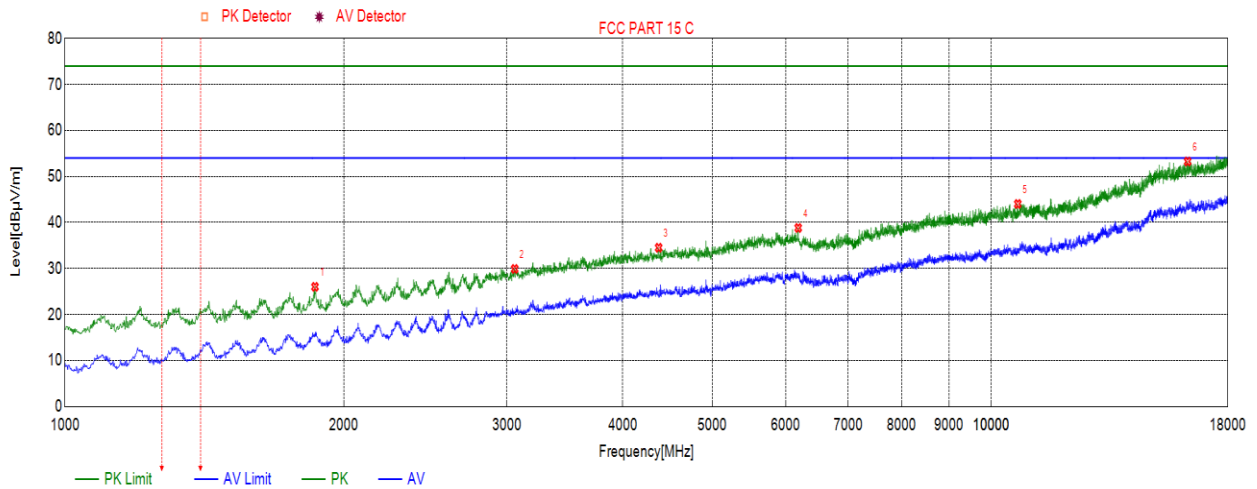
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1953.7954	25.68	74.00	-48.32	54.00	-28.32	peak
2	3208.5209	31.18	74.00	-42.82	54.00	-22.82	peak
3	4568.6569	35.65	74.00	-38.35	54.00	-18.35	peak
4	5903.2903	38.80	74.00	-35.20	54.00	-15.2	peak
5	10789.5790	45.35	74.00	-28.65	54.00	-8.65	peak
6	16425.6426	53.44	74.00	-20.56	54.00	-0.56	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

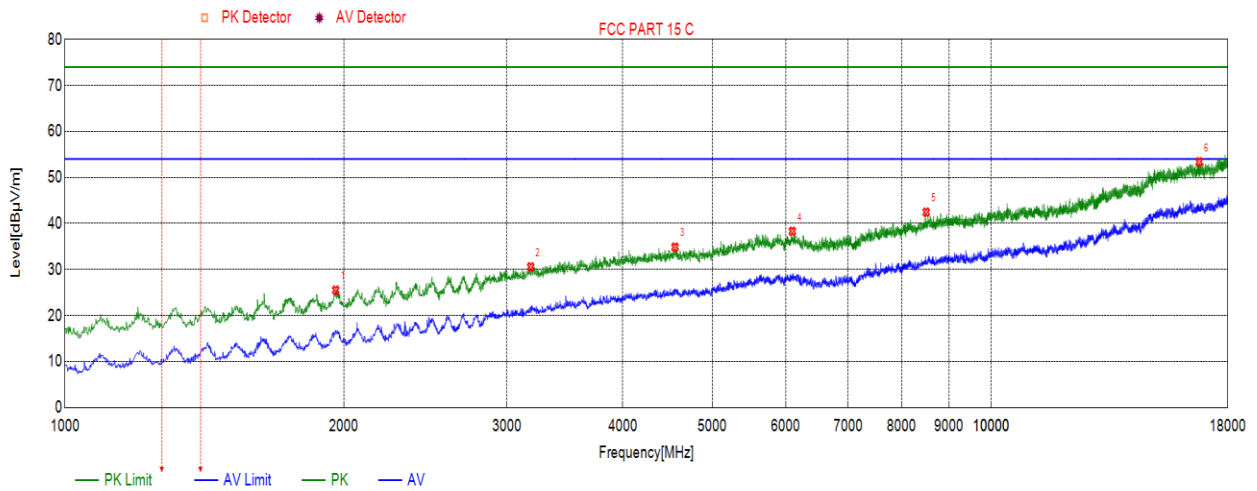
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1861.9862	26.02	74.00	-47.98	54.00	-27.98	peak
2	3058.9059	29.92	74.00	-44.08	54.00	-24.08	peak
3	4374.8375	34.53	74.00	-39.47	54.00	-19.47	peak
4	6188.9189	38.82	74.00	-35.18	54.00	-15.18	peak
5	10680.7681	44.03	74.00	-29.97	54.00	-9.97	peak
6	16291.3291	53.25	74.00	-20.75	54.00	-0.75	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

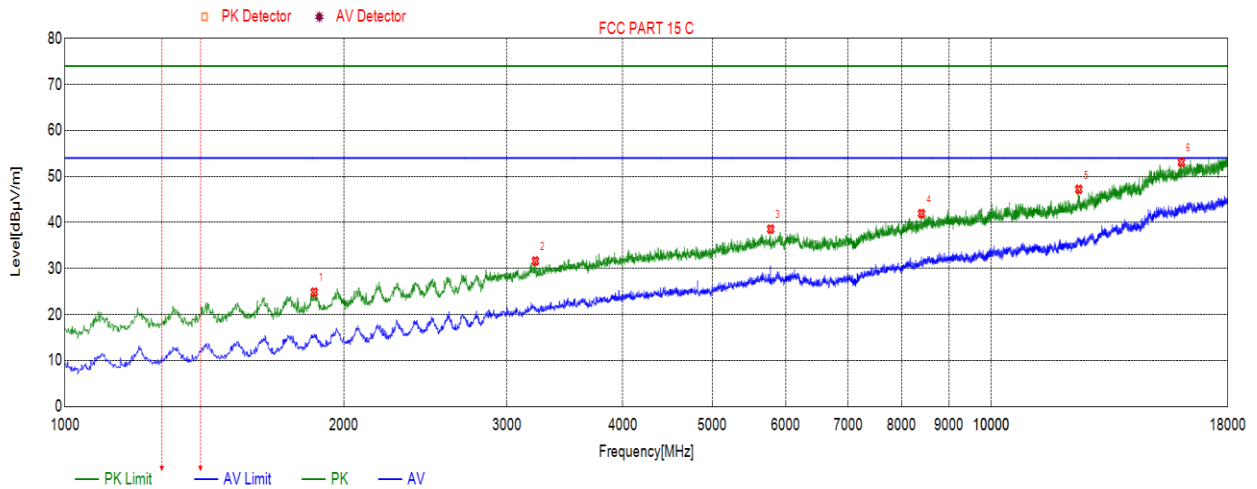
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1960.5961	25.51	74.00	-48.49	54.00	-28.49	peak
2	3183.0183	30.57	74.00	-43.43	54.00	-23.43	peak
3	4556.7557	34.86	74.00	-39.14	54.00	-19.14	peak
4	6098.8099	38.31	74.00	-35.69	54.00	-15.69	peak
5	8506.2506	42.46	74.00	-31.54	54.00	-11.54	peak
6	16763.9764	53.39	74.00	-20.61	54.00	-0.61	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

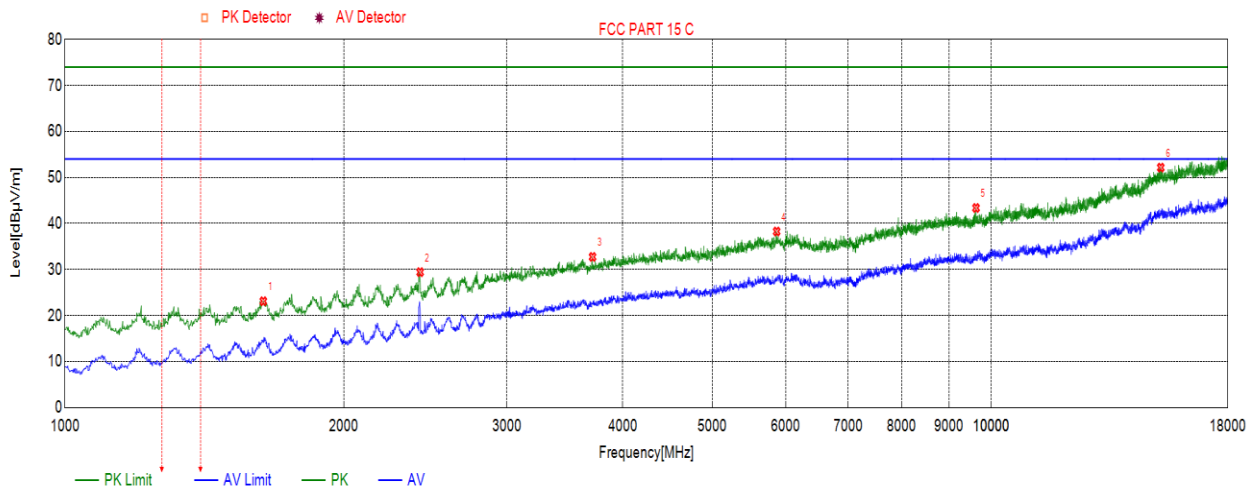
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1858.5859	24.86	74.00	-49.14	54.00	-29.14	peak
2	3220.4220	31.64	74.00	-42.36	54.00	-22.36	peak
3	5779.1779	38.56	74.00	-35.44	54.00	-15.44	peak
4	8407.6408	41.94	74.00	-32.06	54.00	-12.06	peak
5	12430.2430	47.21	74.00	-26.79	54.00	-6.79	peak
6	16039.7040	53.12	74.00	-20.88	54.00	-0.88	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

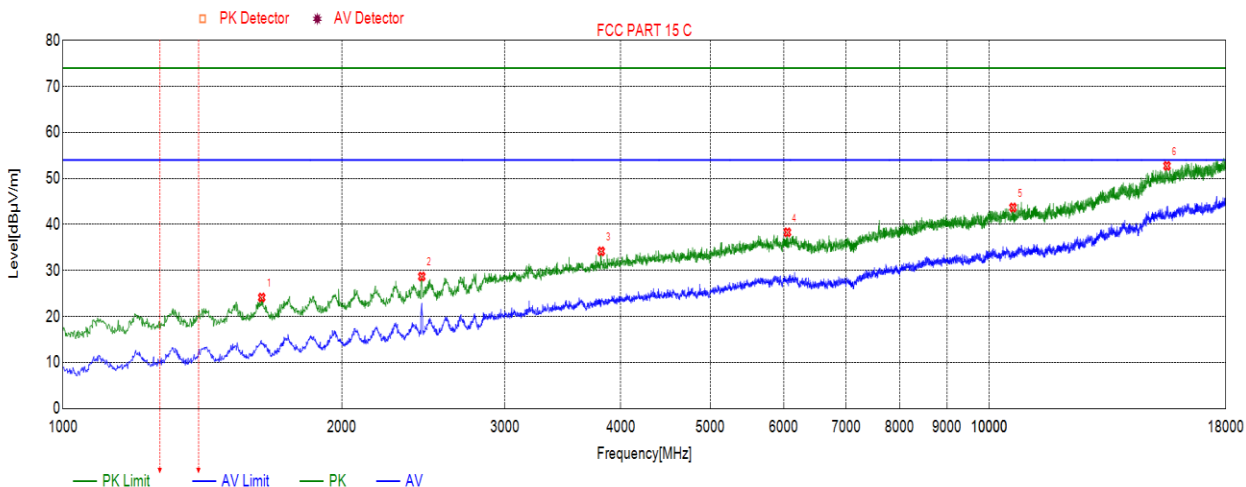
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1637.5638	23.12	74.00	-50.88	54.00	-30.88	peak
2	2417.9418	29.43	74.00	-44.57	54.00	-24.57	peak
3	3711.7712	32.74	74.00	-41.26	54.00	-21.26	peak
4	5865.8866	38.26	74.00	-35.74	54.00	-15.74	peak
5	9628.3628	43.38	74.00	-30.62	54.00	-10.62	peak
6	15237.2237	52.15	74.00	-21.85	54.00	-1.85	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

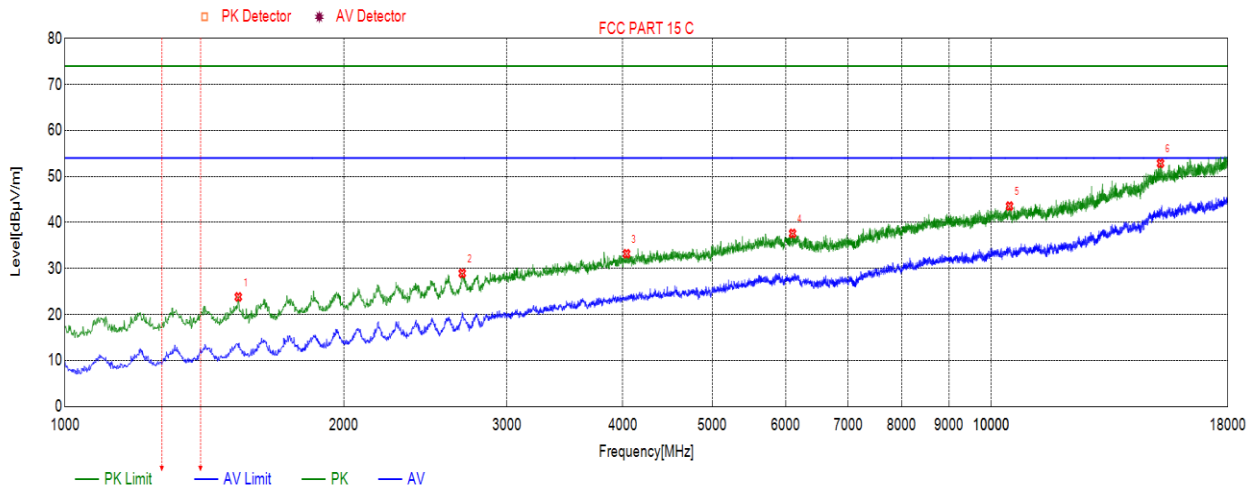
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1639.2639	24.13	74.00	-49.87	54.00	-29.87	peak
2	2440.0440	28.70	74.00	-45.30	54.00	-25.3	peak
3	3812.0812	34.17	74.00	-39.83	54.00	-19.83	peak
4	6054.6055	38.30	74.00	-35.70	54.00	-15.7	peak
5	10605.9606	43.70	74.00	-30.30	54.00	-10.3	peak
6	15555.1555	52.74	74.00	-21.26	54.00	-1.26	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

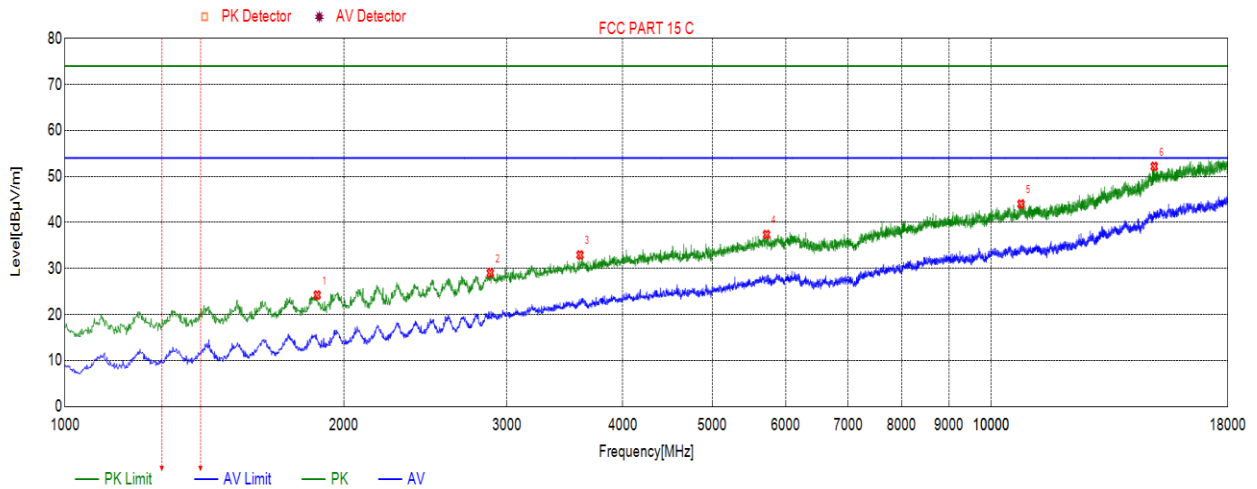
Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1538.9539	23.83	74.00	-50.17	54.00	-30.17	peak
2	2684.8685	28.95	74.00	-45.05	54.00	-25.05	peak
3	4039.9040	33.21	74.00	-40.79	54.00	-20.79	peak
4	6102.2102	37.62	74.00	-36.38	54.00	-16.38	peak
5	10463.1463	43.56	74.00	-30.44	54.00	-10.44	peak
6	15228.7229	52.87	74.00	-21.13	54.00	-1.13	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

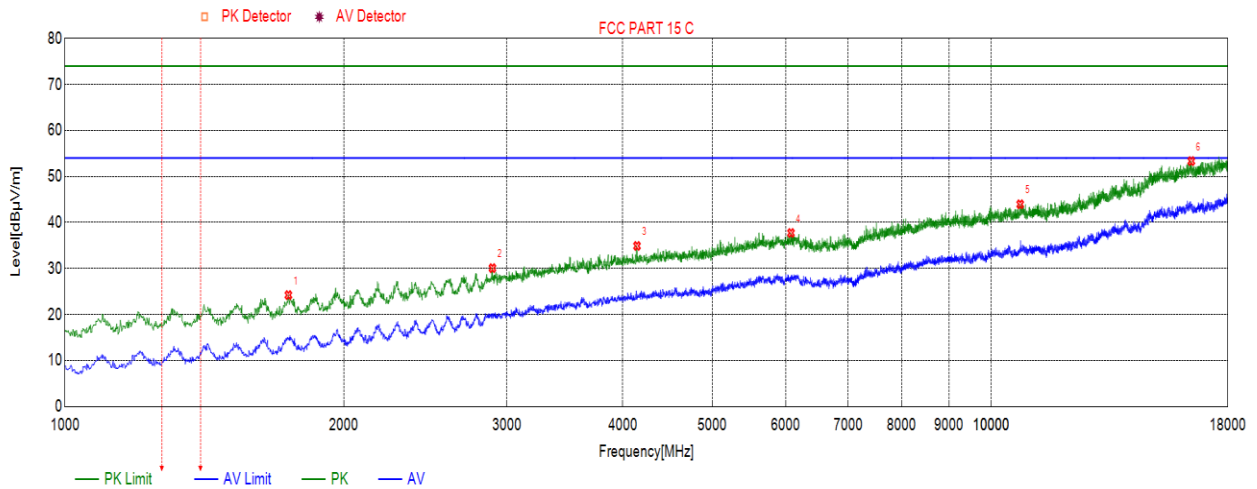
Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1872.1872	24.24	74.00	-49.76	54.00	-29.76	peak
2	2878.6879	29.02	74.00	-44.98	54.00	-24.98	peak
3	3597.8598	32.94	74.00	-41.06	54.00	-21.06	peak
4	5719.6720	37.38	74.00	-36.62	54.00	-16.62	peak
5	10765.7766	44.01	74.00	-29.99	54.00	-9.99	peak
6	14992.3992	52.18	74.00	-21.82	54.00	-1.82	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

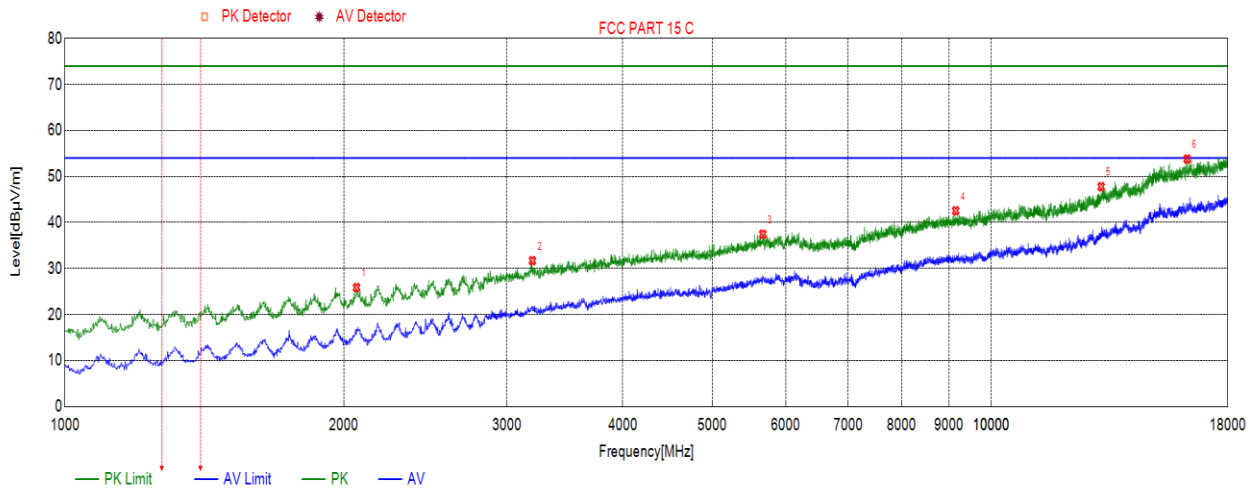
Test Mode	Channel	Polarization	Verdict
11NSISO40	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1742.9743	24.22	74.00	-49.78	54.00	-29.78	peak
2	2893.9894	30.09	74.00	-43.91	54.00	-23.91	peak
3	4145.3145	34.91	74.00	-39.09	54.00	-19.09	peak
4	6078.4078	37.73	74.00	-36.27	54.00	-16.27	peak
5	10745.3745	43.96	74.00	-30.04	54.00	-10.04	peak
6	16440.9441	53.34	74.00	-20.66	54.00	-0.66	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

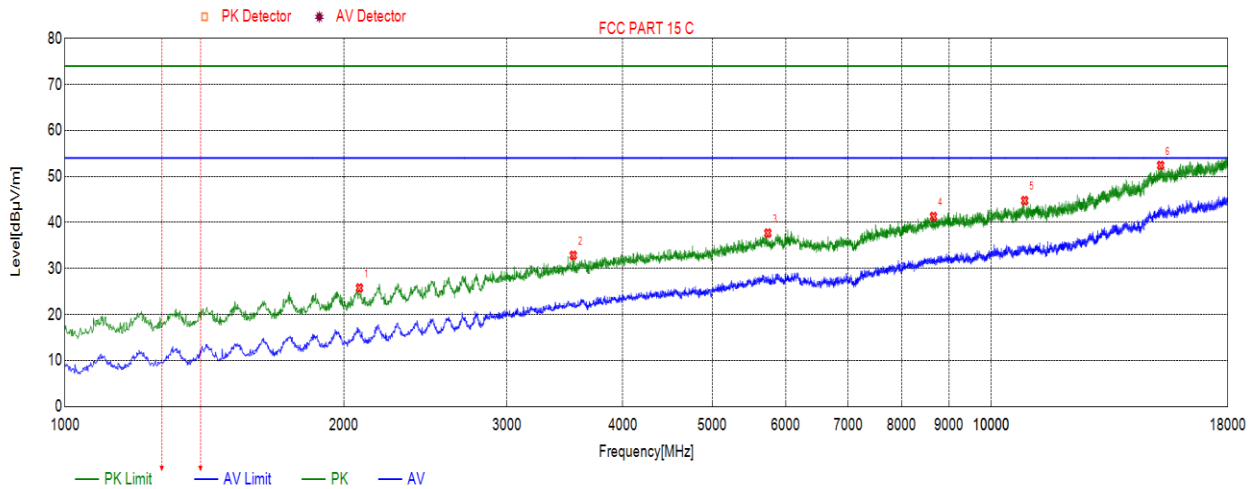
Test Mode	Channel	Polarization	Verdict
11NSISO40	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2064.3064	25.85	74.00	-48.15	54.00	-28.15	peak
2	3196.6197	31.71	74.00	-42.29	54.00	-22.29	peak
3	5666.9667	37.46	74.00	-36.54	54.00	-16.54	peak
4	9154.0154	42.55	74.00	-31.45	54.00	-11.45	peak
5	13142.6143	47.80	74.00	-26.20	54.00	-6.2	peak
6	16269.2269	53.78	74.00	-20.22	54.00	-0.22	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

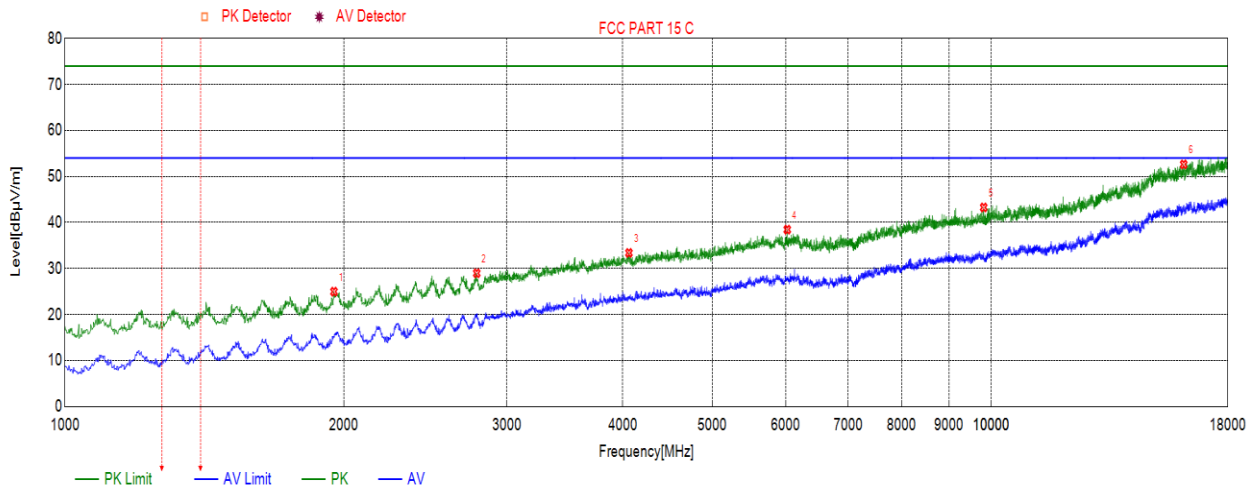
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2079.6080	25.77	74.00	-48.23	54.00	-28.23	peak
2	3538.3538	32.86	74.00	-41.14	54.00	-21.14	peak
3	5738.3738	37.69	74.00	-36.31	54.00	-16.31	peak
4	8660.9661	41.29	74.00	-32.71	54.00	-12.71	peak
5	10866.0866	44.75	74.00	-29.25	54.00	-9.25	peak
6	15233.8234	52.41	74.00	-21.59	54.00	-1.59	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

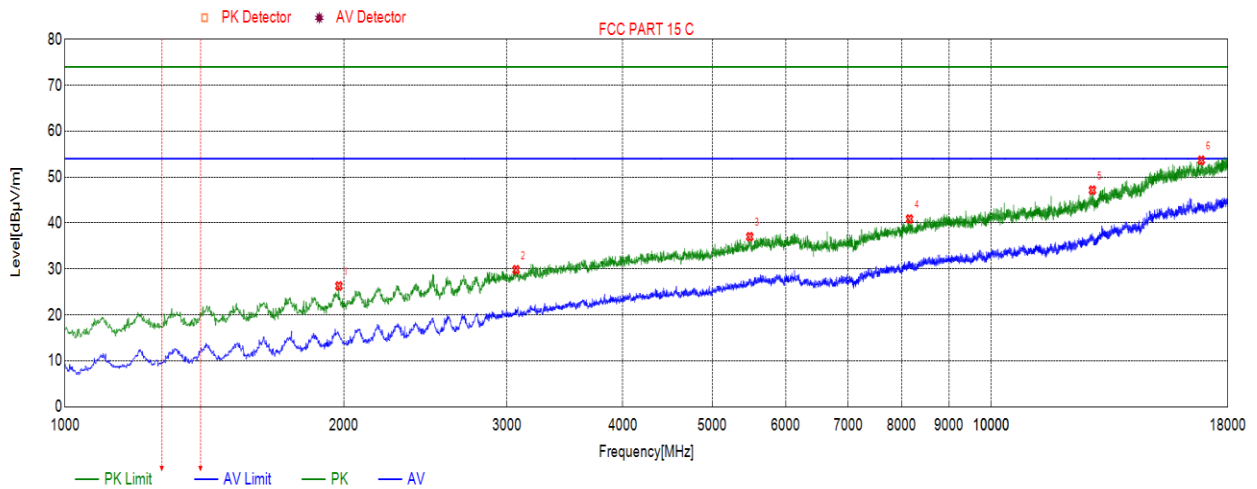
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1952.0952	24.97	74.00	-49.03	54.00	-29.03	peak
2	2783.4783	28.97	74.00	-45.03	54.00	-25.03	peak
3	4063.7064	33.40	74.00	-40.60	54.00	-20.6	peak
4	6022.3022	38.45	74.00	-35.55	54.00	-15.55	peak
5	9813.6814	43.28	74.00	-30.72	54.00	-10.72	peak
6	16131.5132	52.63	74.00	-21.37	54.00	-1.37	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

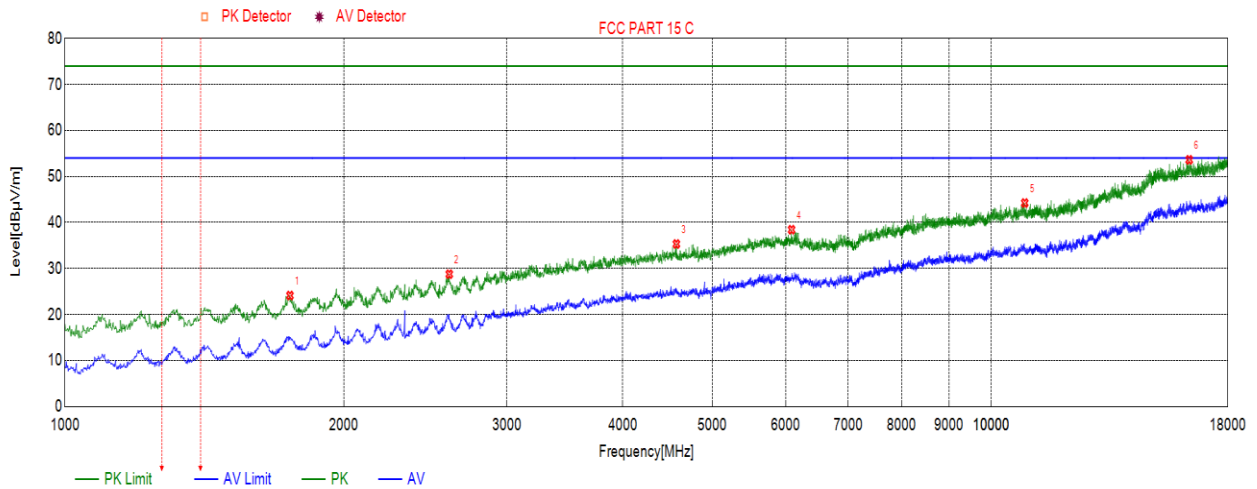
Test Mode	Channel	Polarization	Verdict
11NSISO40	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1975.8976	26.30	74.00	-47.70	54.00	-27.7	peak
2	3069.1069	29.83	74.00	-44.17	54.00	-24.17	peak
3	5486.7487	37.02	74.00	-36.98	54.00	-16.98	peak
4	8161.1161	40.88	74.00	-33.12	54.00	-13.12	peak
5	12858.6859	47.16	74.00	-26.84	54.00	-6.84	peak
6	16855.7856	53.67	74.00	-20.33	54.00	-0.33	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11NSISO40	HCH	Vertical	PASS



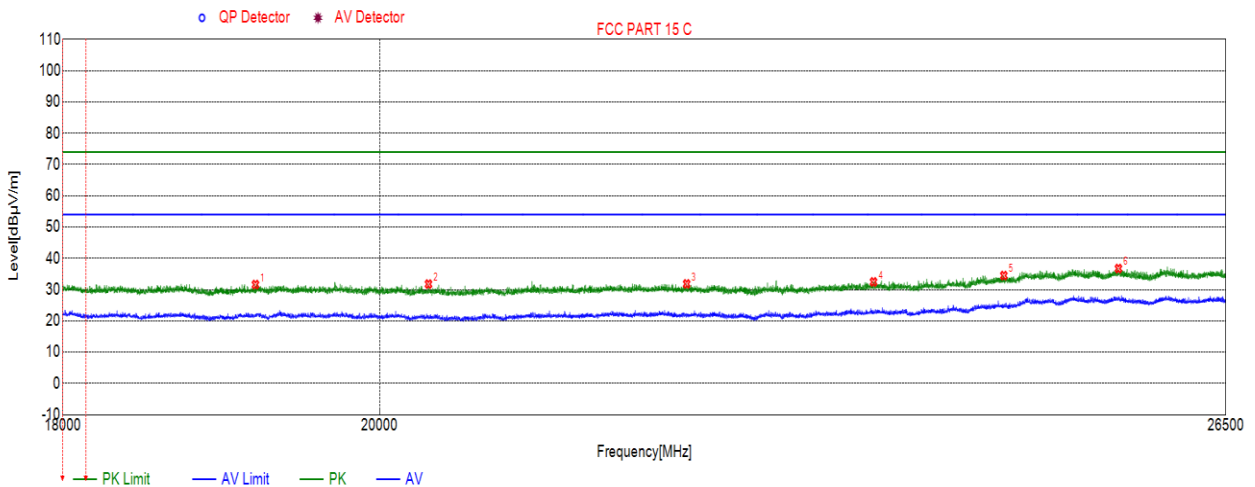
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1749.7750	24.13	74.00	-49.87	54.00	-29.87	peak
2	2599.8600	28.77	74.00	-45.23	54.00	-25.23	peak
3	4572.0572	35.33	74.00	-38.67	54.00	-18.67	peak
4	6086.9087	38.43	74.00	-35.57	54.00	-15.57	peak
5	10867.7868	44.24	74.00	-29.76	54.00	-9.76	peak
6	16354.2354	53.62	74.00	-20.38	54.00	-0.38	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

6.6.4. SPURIOUS EMISSIONS 18G ~ 26GHz

SPURIOUS EMISSIONS 18GHz TO 26GHz (WORST-CASE CONFIGURATION)

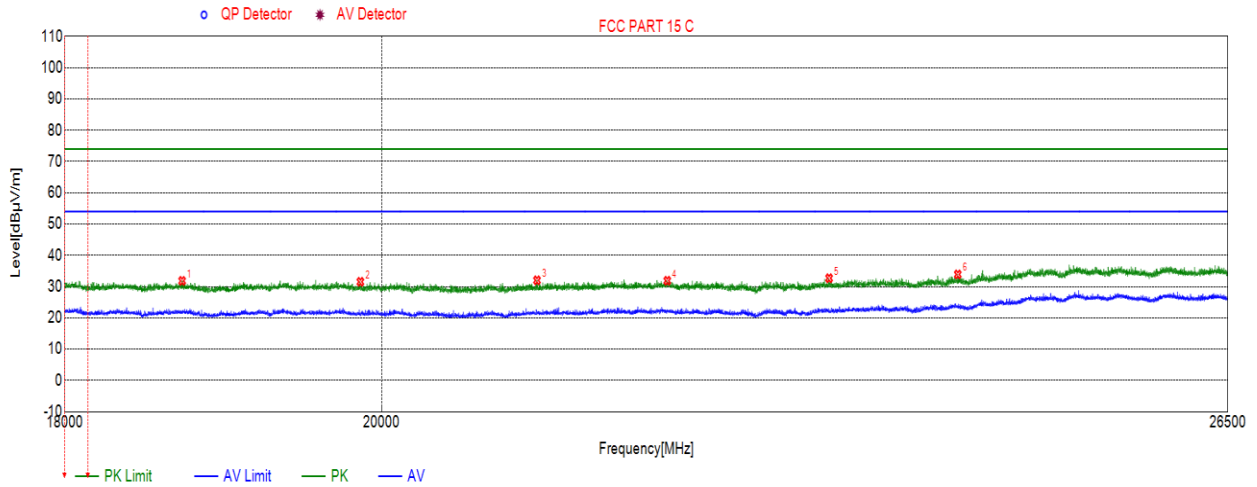
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19190.9691	31.60	74.00	-42.40	54.00	-22.4	peak
2	20327.5328	31.76	74.00	-42.24	54.00	-22.24	peak
3	22150.1150	31.82	74.00	-42.18	54.00	-22.18	peak
4	23570.6071	32.45	74.00	-41.55	54.00	-21.55	peak
5	24614.5115	34.48	74.00	-39.52	54.00	-19.52	peak
6	25570.8571	36.72	74.00	-37.28	54.00	-17.28	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

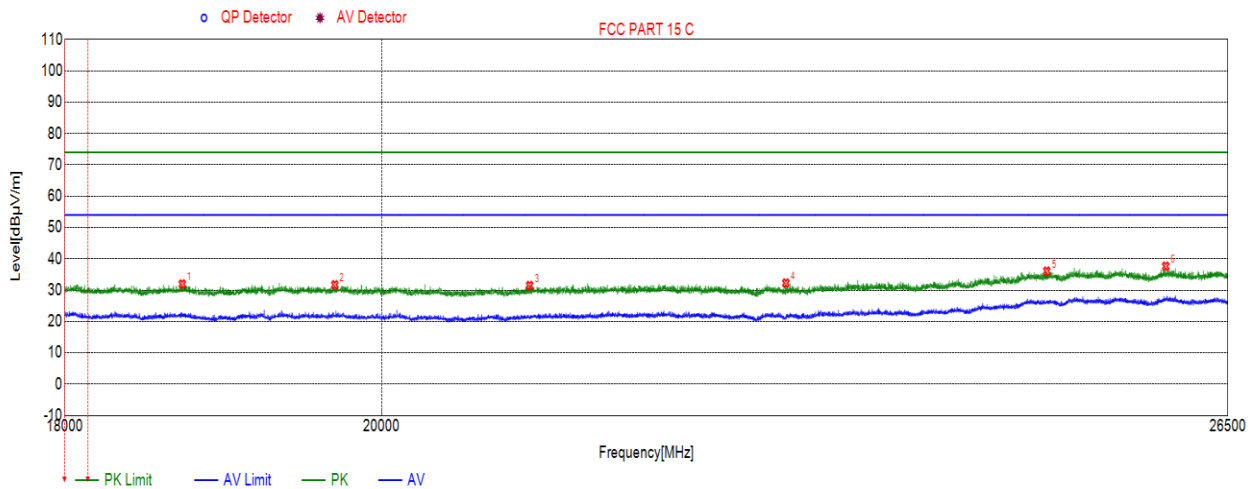
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV /m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18715.7716	31.82	74.00	-42.18	54.00	-22.18	peak
2	19859.1359	31.53	74.00	-42.47	54.00	-22.47	peak
3	21060.3060	32.00	74.00	-42.00	54.00	-22	peak
4	21992.8493	31.87	74.00	-42.13	54.00	-22.13	peak
5	23209.3209	32.68	74.00	-41.32	54.00	-21.32	peak
6	24224.3224	33.89	74.00	-40.11	54.00	-20.11	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

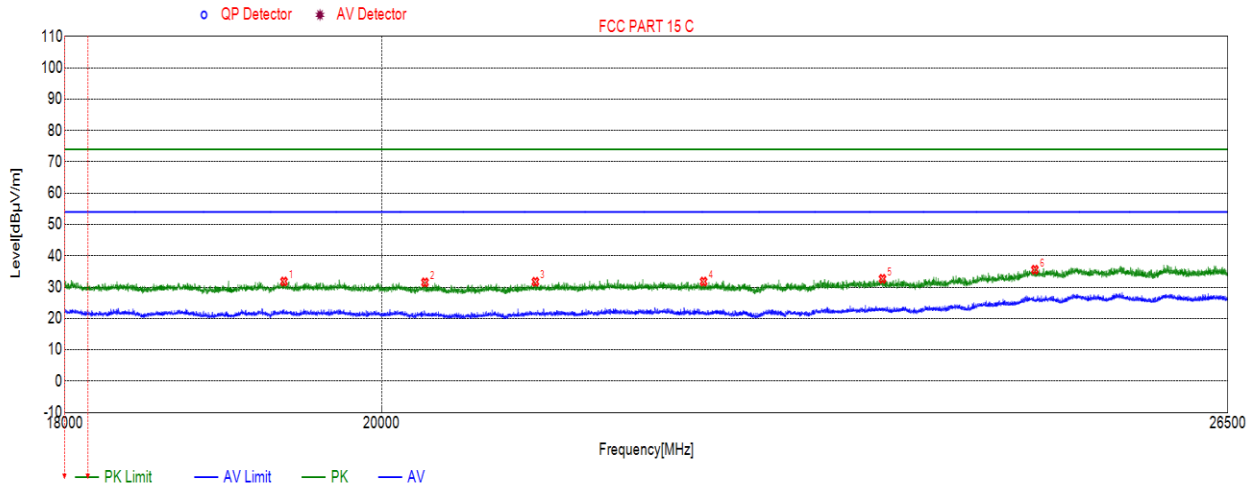
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18716.6217	31.94	74.00	-42.06	54.00	-22.06	peak
2	19690.8191	31.69	74.00	-42.31	54.00	-22.31	peak
3	21009.3009	31.46	74.00	-42.54	54.00	-22.54	peak
4	22877.7878	32.25	74.00	-41.75	54.00	-21.75	peak
5	24951.9952	36.04	74.00	-37.96	54.00	-17.96	peak
6	25958.4959	37.62	74.00	-36.38	54.00	-16.38	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

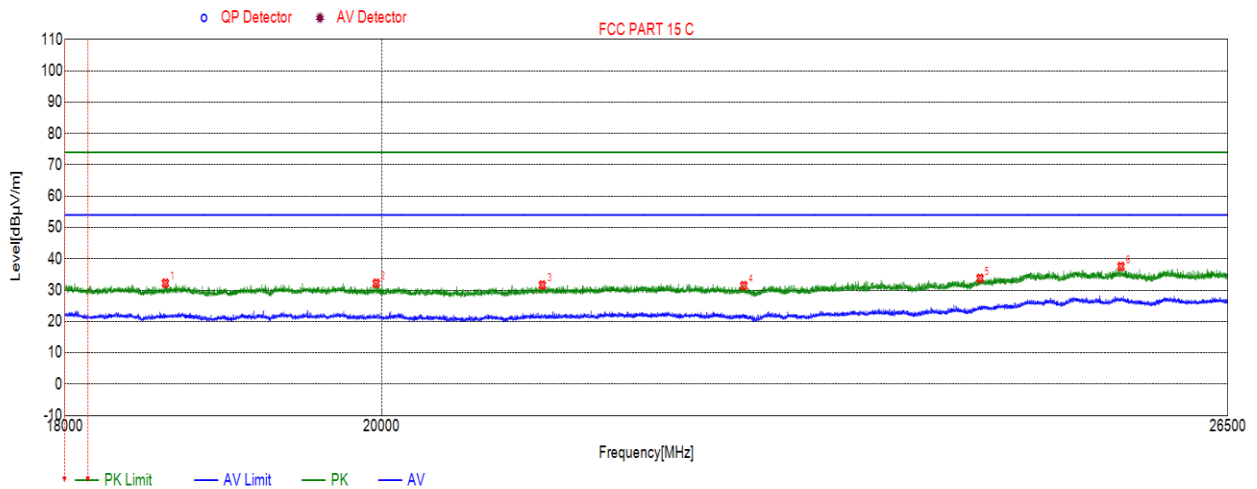
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV /m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19360.9861	31.81	74.00	-42.19	54.00	-22.19	peak
2	20290.1290	31.53	74.00	-42.47	54.00	-22.47	peak
3	21049.2549	31.72	74.00	-42.28	54.00	-22.28	peak
4	22260.6261	31.79	74.00	-42.21	54.00	-22.21	peak
5	23625.0125	32.66	74.00	-41.34	54.00	-21.34	peak
6	24853.3853	35.56	74.00	-38.44	54.00	-18.44	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

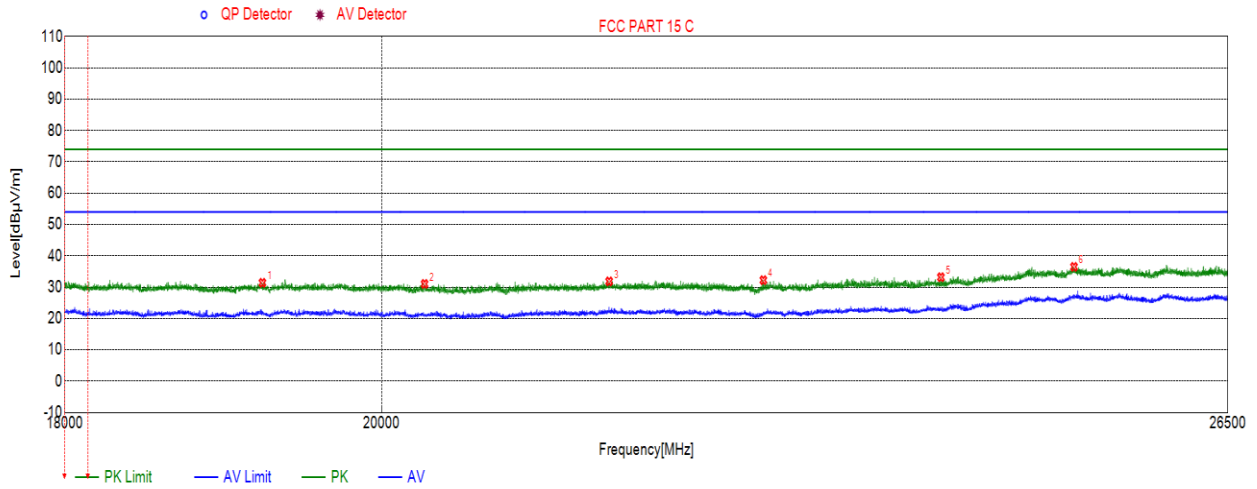
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18612.0612	32.22	74.00	-41.78	54.00	-21.78	peak
2	19963.6964	32.21	74.00	-41.79	54.00	-21.79	peak
3	21097.7098	31.64	74.00	-42.36	54.00	-22.36	peak
4	22559.8560	31.44	74.00	-42.56	54.00	-22.56	peak
5	24404.5405	33.77	74.00	-40.23	54.00	-20.23	peak
6	25575.9576	37.55	74.00	-36.45	54.00	-16.45	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



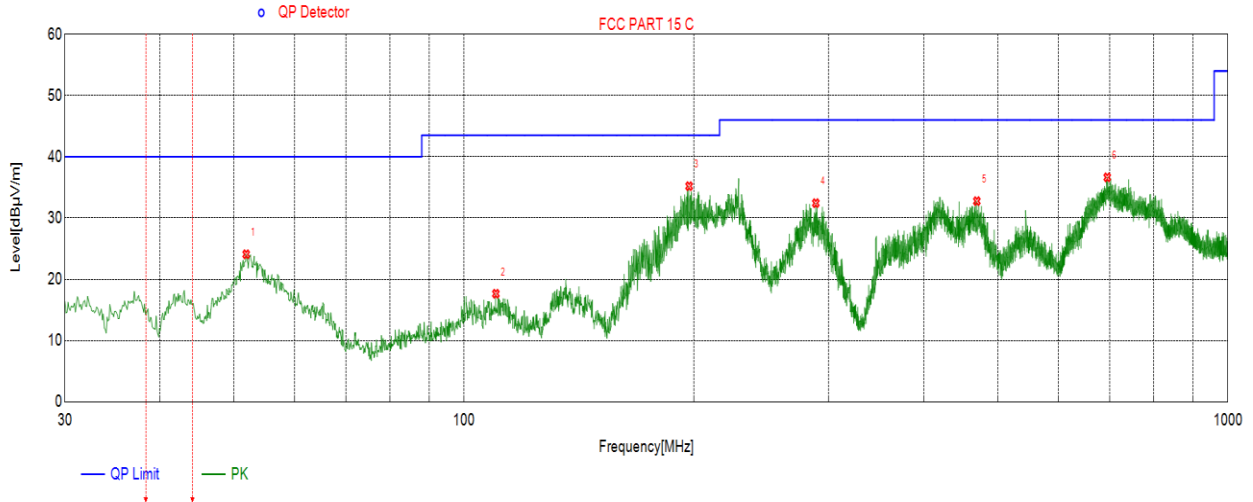
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19222.4222	31.39	74.00	-42.61	54.00	-22.61	peak
2	20287.5788	31.03	74.00	-42.97	54.00	-22.97	peak
3	21572.0572	31.84	74.00	-42.16	54.00	-22.16	peak
4	22706.9207	32.23	74.00	-41.77	54.00	-21.77	peak
5	24088.3088	33.18	74.00	-40.82	54.00	-20.82	peak
6	25178.9679	36.47	74.00	-37.53	54.00	-17.53	peak

- Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

6.6.5. SPURIOUS EMISSIONS 30M ~ 1GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)

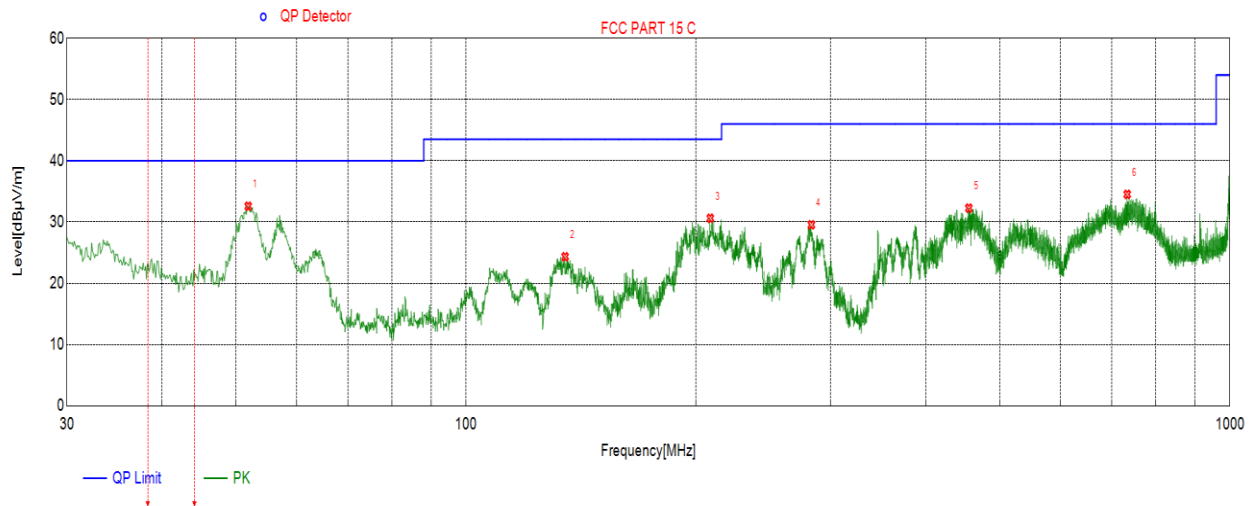
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	51.8272	24.09	40.00	-15.91	QP
2	110.0330	17.65	43.50	-25.85	QP
3	197.0507	35.21	43.50	-8.29	QP
4	288.7249	32.44	46.00	-13.56	QP
5	469.2599	32.77	46.00	-13.23	QP
6	695.2925	36.65	46.00	-9.35	QP

- Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

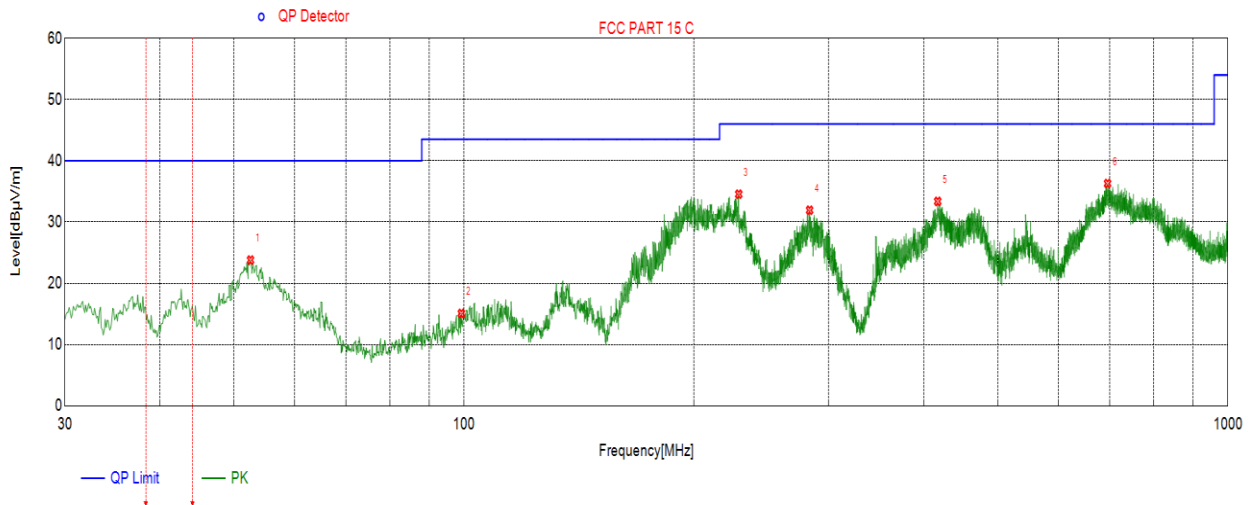
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Remark
1	51.8272	32.58	40.00	-7.42	QP
2	134.7705	24.34	43.50	-19.16	QP
3	208.7889	30.62	43.50	-12.88	QP
4	283.1953	29.55	46.00	-16.45	QP
5	455.2905	32.28	46.00	-13.72	QP
6	734.0964	34.53	46.00	-11.47	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

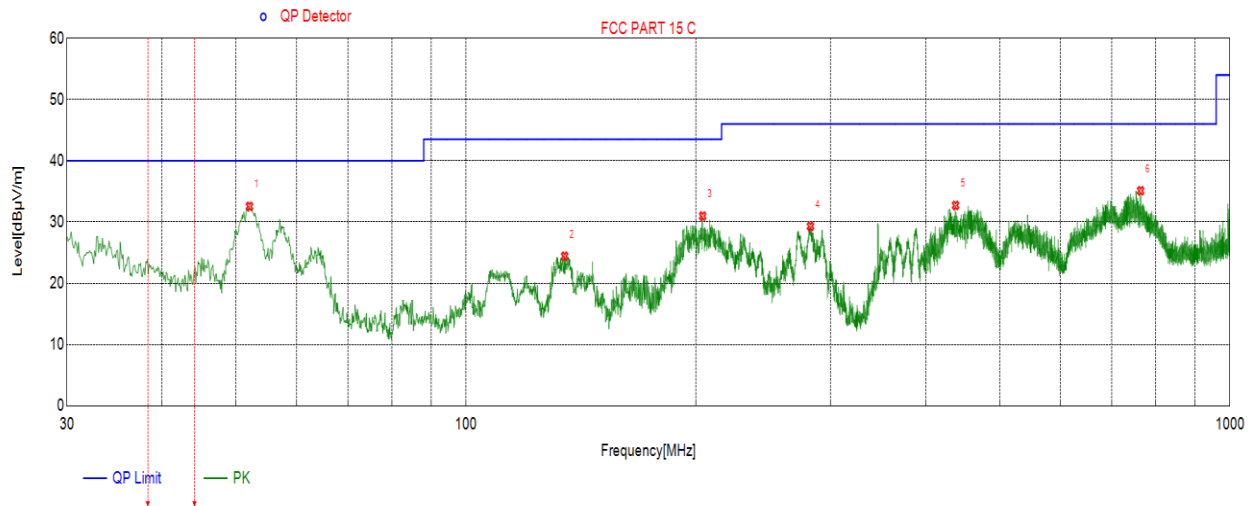
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	52.5063	23.79	40.00	-16.21	QP
2	99.1679	15.08	43.50	-28.42	QP
3	228.8699	34.56	46.00	-11.44	QP
4	283.3893	31.94	46.00	-14.06	QP
5	416.9717	33.38	46.00	-12.62	QP
6	695.9716	36.30	46.00	-9.70	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

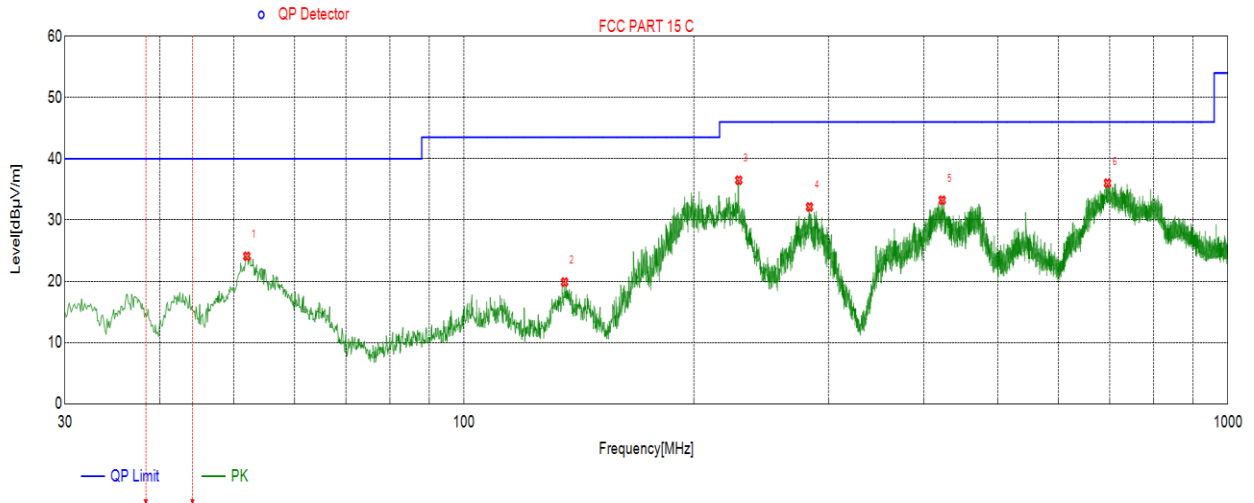
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Remark
1	52.0212	32.57	40.00	-7.43	QP
2	134.5765	24.43	43.50	-19.07	QP
3	204.0354	30.98	43.50	-12.52	QP
4	282.4192	29.30	46.00	-16.70	QP
5	437.4407	32.72	46.00	-13.28	QP
6	764.2664	35.11	46.00	-10.89	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

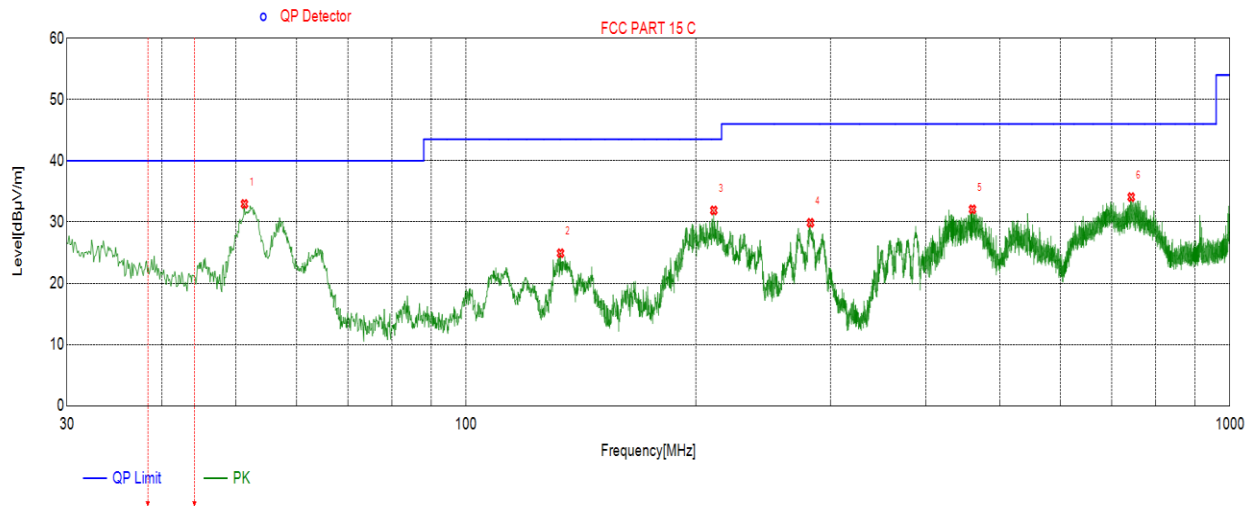
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	51.9242	24.08	40.00	-15.92	QP
2	135.3525	19.87	43.50	-23.63	QP
3	228.8699	36.50	46.00	-9.50	QP
4	283.2923	32.14	46.00	-13.86	QP
5	422.6953	33.24	46.00	-12.76	QP
6	695.7776	36.03	46.00	-9.97	QP

- Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



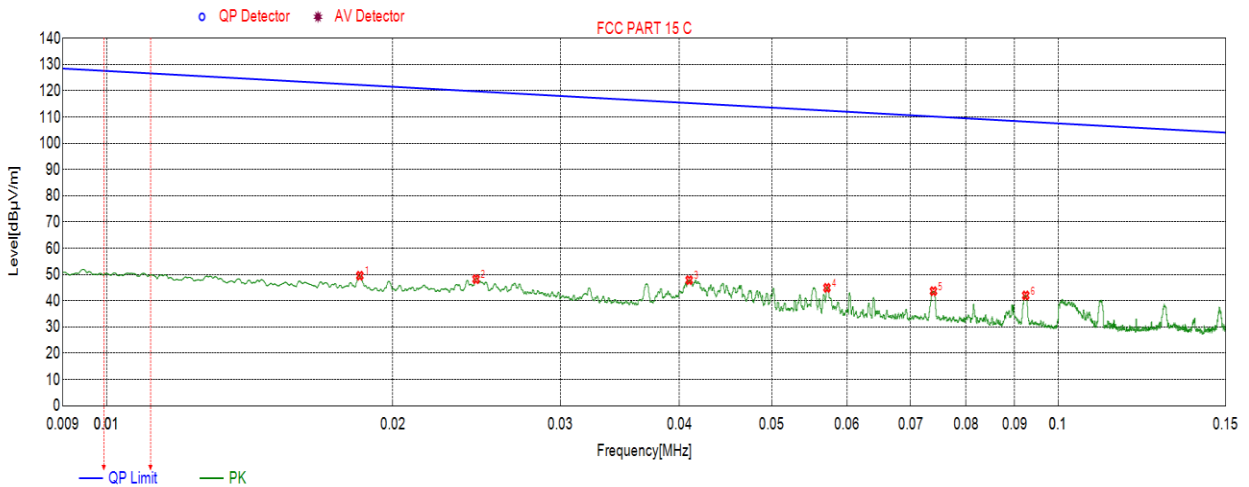
No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	51.2451	32.96	40.00	-7.04	QP
2	132.9273	24.91	43.50	-18.59	QP
3	211.0201	31.90	43.50	-11.60	QP
4	282.4192	29.88	46.00	-16.12	QP
5	460.3350	32.08	46.00	-13.92	QP
6	742.9243	34.08	46.00	-11.92	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

6.6.6.SPURIOUS EMISSIONS BELOW 30M

SPURIOUS EMISSIONS Below 30MHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS

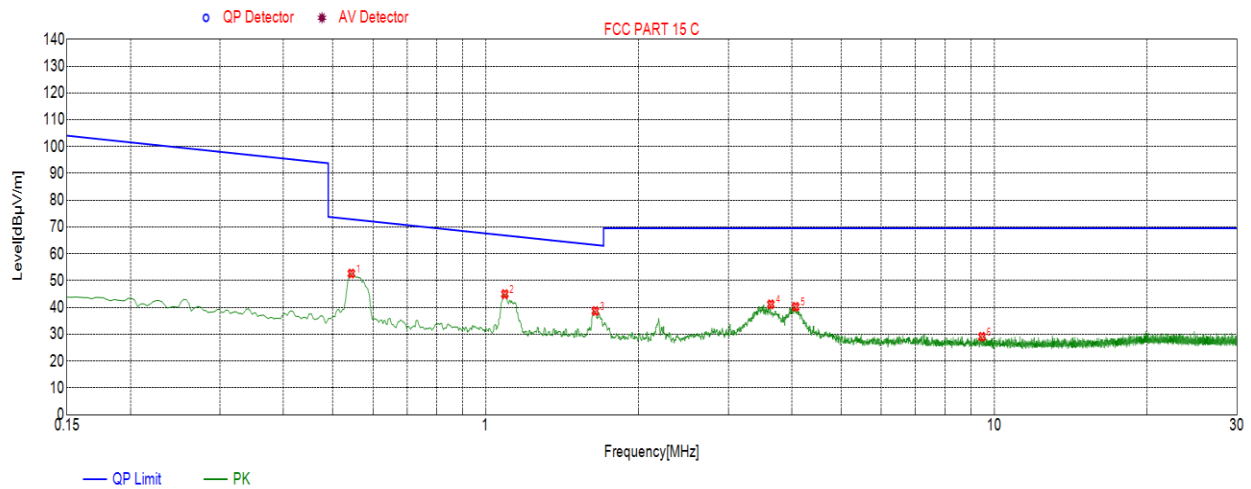


No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0185	49.57	122.26	-72.69	Peak
2	0.0245	48.27	119.80	-71.53	Peak
3	0.0410	47.87	115.35	-67.48	Peak
4	0.0572	44.94	112.44	-67.50	Peak
5	0.0740	43.66	110.22	-66.56	Peak
6	0.0925	42.04	108.28	-66.24	Peak

Note:

- 1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~30MHz	PASS

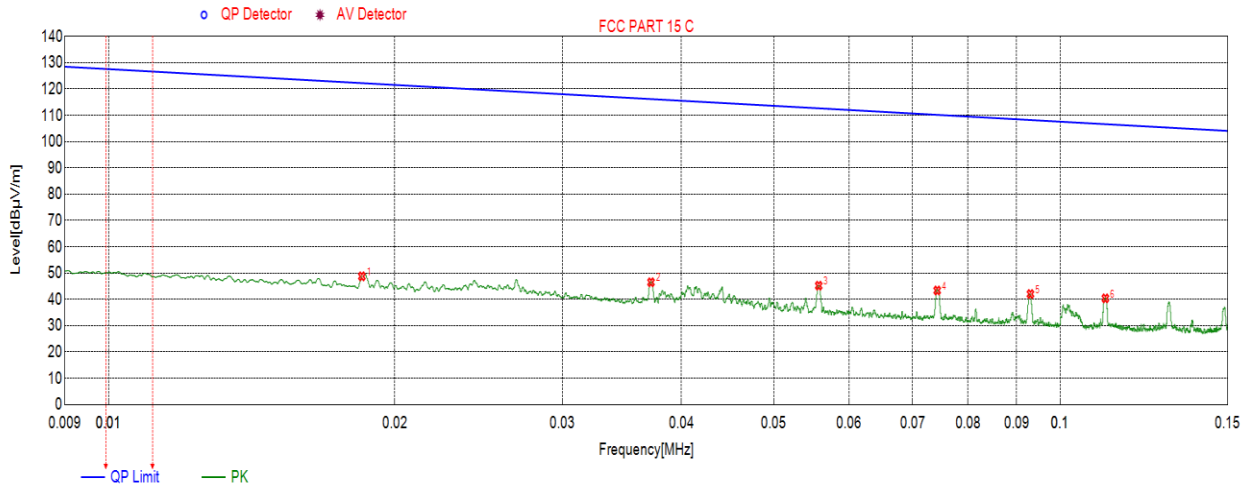


No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5441	52.66	72.89	-20.23	Peak
2	1.0904	44.99	66.87	-21.88	Peak
3	1.6426	38.66	63.32	-24.66	Peak
4	3.6368	41.18	69.50	-28.32	Peak
5	4.0697	40.25	69.50	-29.25	Peak
6	9.4641	29.07	69.50	-40.43	Peak

Note:

- 1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9KHz~150KHz	PASS

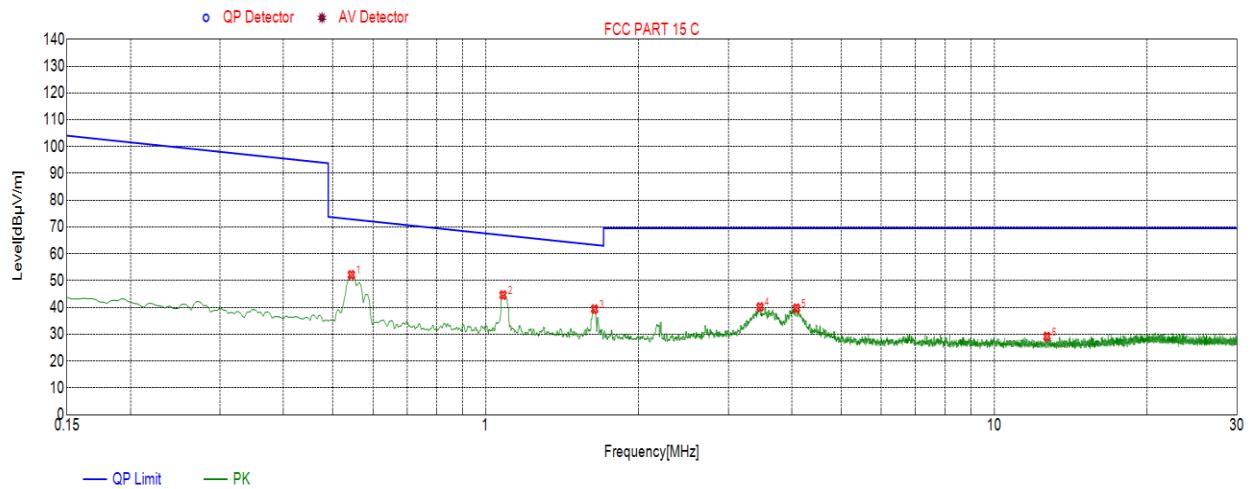


No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0185	48.76	122.22	-73.46	Peak
2	0.0372	46.52	116.17	-69.65	Peak
3	0.0558	45.21	112.66	-67.45	Peak
4	0.0743	43.39	110.17	-66.78	Peak
5	0.0931	42.04	108.22	-66.18	Peak
6	0.1116	40.40	106.64	-66.24	Peak

Note:

- 1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150KHz~30MHz	PASS

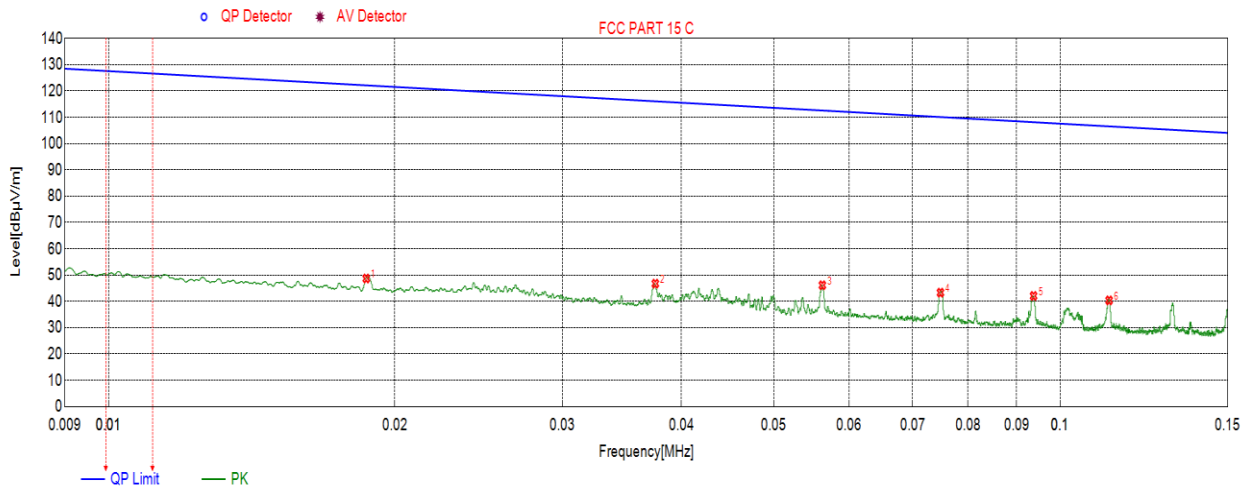


No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5441	52.16	72.89	-20.73	Peak
2	1.0814	44.62	66.94	-22.32	Peak
3	1.6367	39.38	63.35	-23.97	Peak
4	3.4637	40.14	69.50	-29.36	Peak
5	4.0846	39.74	69.50	-29.76	Peak
6	12.7002	29.17	69.50	-40.33	Peak

Note:

- 1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS

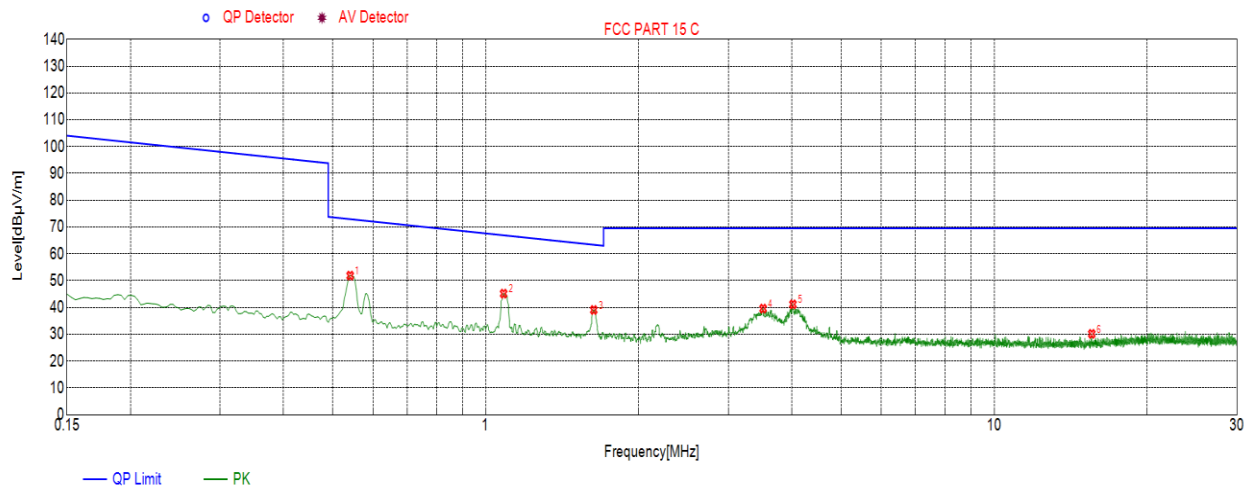


No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0187	48.69	122.14	-73.45	Peak
2	0.0376	46.75	116.10	-69.35	Peak
3	0.0563	46.14	112.59	-66.45	Peak
4	0.0749	43.32	110.10	-66.78	Peak
5	0.0938	42.08	108.16	-66.08	Peak
6	0.1126	40.39	106.56	-66.17	Peak

Note:

- 1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5411	51.88	72.94	-21.06	Peak
2	1.0844	45.16	66.92	-21.76	Peak
3	1.6307	39.06	63.39	-24.33	Peak
4	3.5114	39.58	69.50	-29.92	Peak
5	4.0189	41.16	69.50	-28.34	Peak
6	15.5571	30.15	69.50	-39.35	Peak

Note:

1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes, find the mode of 11B which is the worst case, so only the data of the 11B mode is included in this test report.

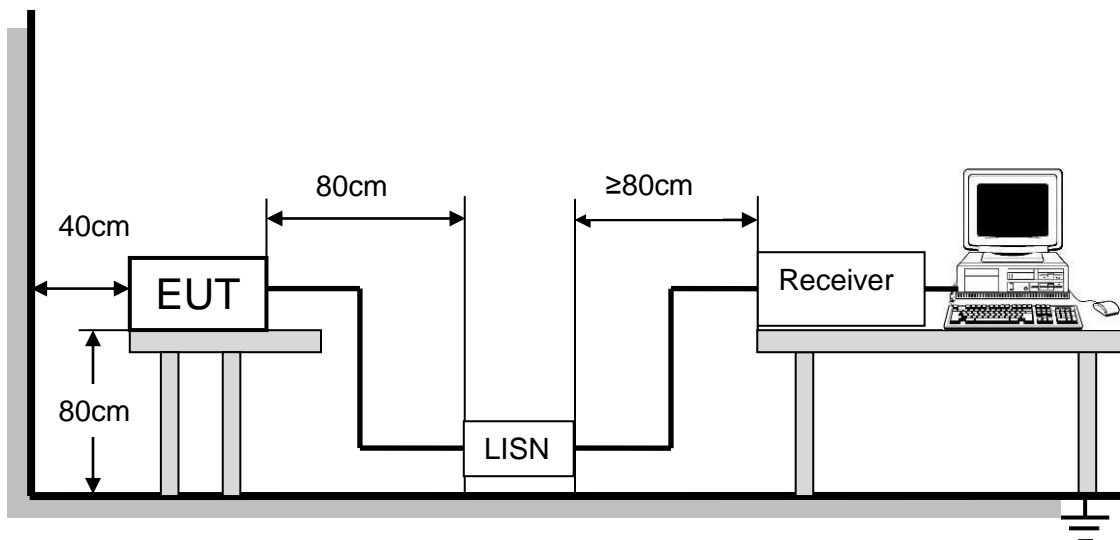
7. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

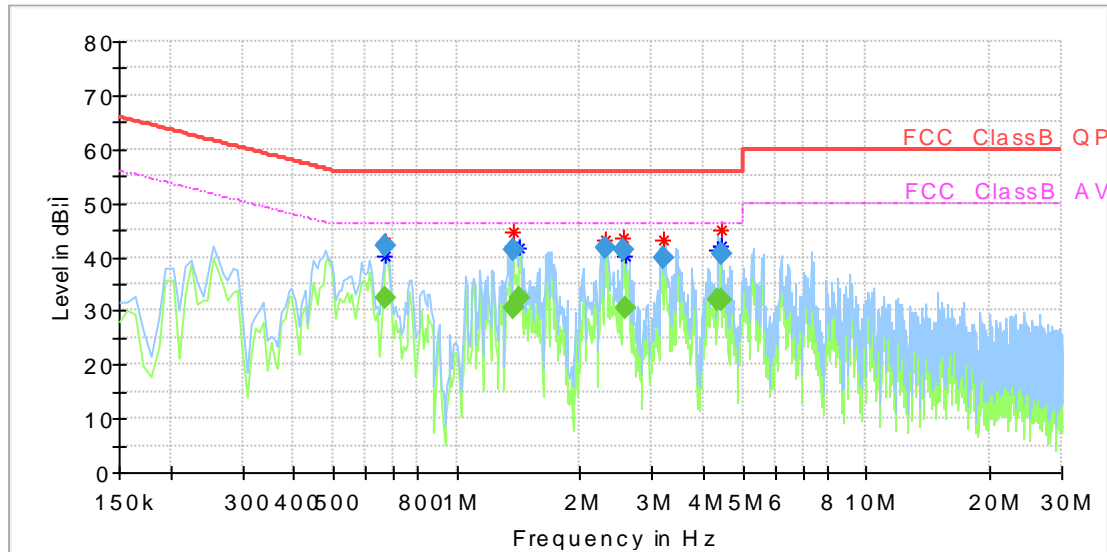
TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULTS (WORST-CASE CONFIGURATION)



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.672375	42.19	---	56.00	13.81	1000.0	9.000	N	OFF	9.9
0.672375	---	32.37	46.00	13.63	1000.0	9.000	N	OFF	9.9
1.373850	---	30.59	46.00	15.41	1000.0	9.000	L1	OFF	9.8
1.373850	41.12	---	56.00	14.88	1000.0	9.000	L1	OFF	9.8
1.418625	---	32.20	46.00	13.80	1000.0	9.000	L1	OFF	9.8
2.299200	41.63	---	56.00	14.37	1000.0	9.000	L1	OFF	9.8
2.545463	41.17	---	56.00	14.83	1000.0	9.000	L1	OFF	9.8
2.582775	---	30.62	46.00	15.38	1000.0	9.000	L1	OFF	9.8
3.194700	39.84	---	56.00	16.16	1000.0	9.000	L1	OFF	9.8
4.336463	---	31.95	46.00	14.05	1000.0	9.000	L1	OFF	9.8
4.418550	40.38	---	56.00	15.62	1000.0	9.000	L1	OFF	9.8
4.418550	---	31.91	46.00	14.09	1000.0	9.000	L1	OFF	9.8

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

8. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA CONNECTOR

EUT has a EUT has a Chip Antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT