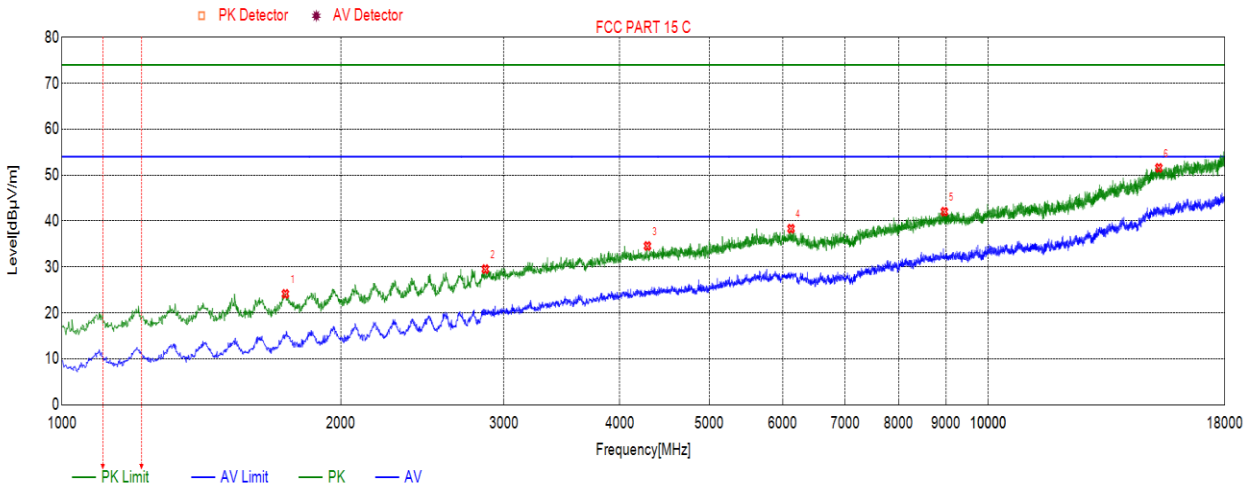
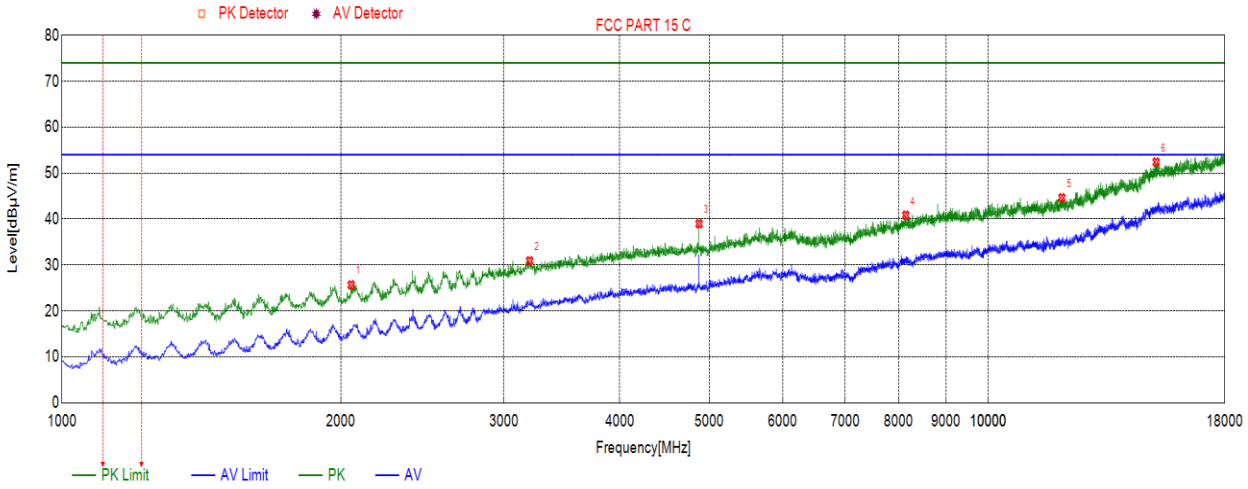
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1742.9743	24.15	74.00	-49.85	54.00	-29.85	peak
2	2865.0865	29.54	74.00	-44.46	54.00	-24.46	peak
3	4286.4286	34.57	74.00	-39.43	54.00	-19.43	peak
4	6124.3124	38.35	74.00	-35.65	54.00	-15.65	peak
5	8966.9967	42.04	74.00	-31.96	54.00	-11.96	peak
6	15279.7280	51.58	74.00	-22.42	54.00	-2.42	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.

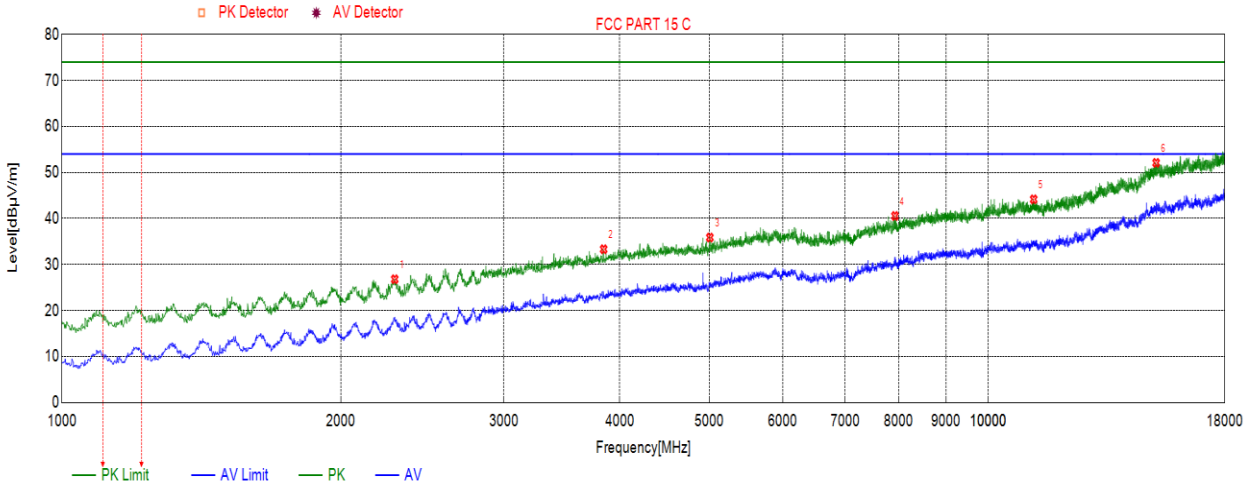
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2052.4052	25.66	74.00	-48.34	54.00	-28.34	peak
2	3198.3198	30.89	74.00	-43.11	54.00	-23.11	peak
3	4872.9873	39.00	74.00	-35.00	54.00	-15	peak
4	8145.8146	40.83	74.00	-33.17	54.00	-13.17	peak
5	12006.9007	44.62	74.00	-29.38	54.00	-9.38	peak
6	15176.0176	52.40	74.00	-21.60	54.00	-1.6	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.

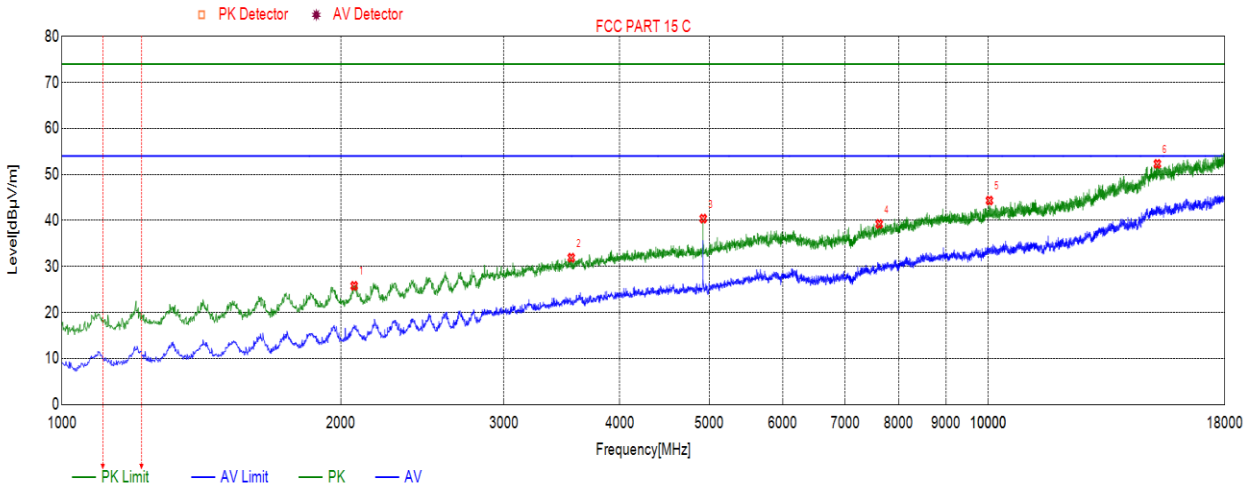
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2287.0287	26.80	74.00	-47.20	54.00	-27.2	peak
2	3844.3844	33.33	74.00	-40.67	54.00	-20.67	peak
3	5005.6006	35.87	74.00	-38.13	54.00	-18.13	peak
4	7929.8930	40.56	74.00	-33.44	54.00	-13.44	peak
5	11194.2194	44.17	74.00	-29.83	54.00	-9.83	peak
6	15176.0176	52.10	74.00	-21.90	54.00	-1.9	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.

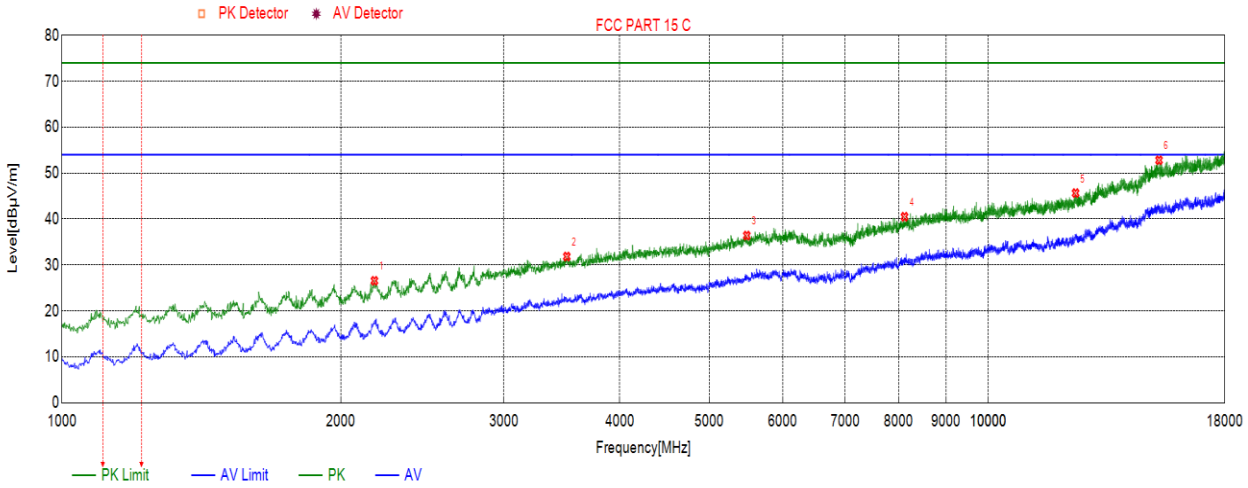
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2067.7068	25.80	74.00	-48.20	54.00	-28.2	peak
2	3546.8547	31.92	74.00	-42.08	54.00	-22.08	peak
3	4923.9924	40.41	74.00	-33.59	54.00	-13.59	peak
4	7625.5626	39.25	74.00	-34.75	54.00	-14.75	peak
5	10029.6030	44.34	74.00	-29.66	54.00	-9.66	peak
6	15223.6224	52.31	74.00	-21.69	54.00	-1.69	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.

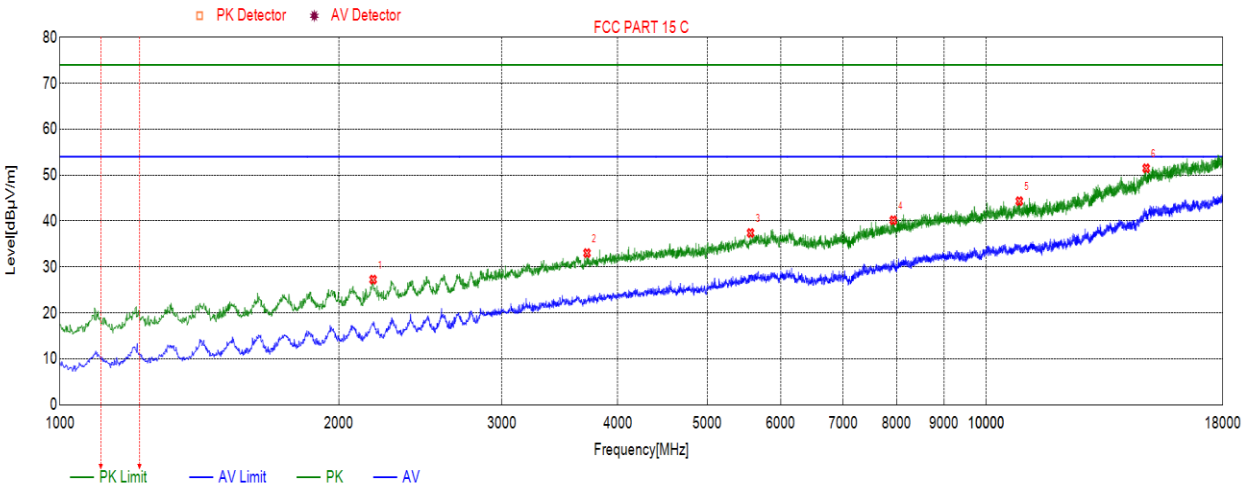
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2174.8175	26.56	74.00	-47.44	54.00	-27.44	peak
2	3507.7508	31.84	74.00	-42.16	54.00	-22.16	peak
3	5486.7487	36.41	74.00	-37.59	54.00	-17.59	peak
4	8120.3120	40.51	74.00	-33.49	54.00	-13.49	peak
5	12423.4423	45.65	74.00	-28.35	54.00	-8.35	peak
6	15286.5287	52.82	74.00	-21.18	54.00	-1.18	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.

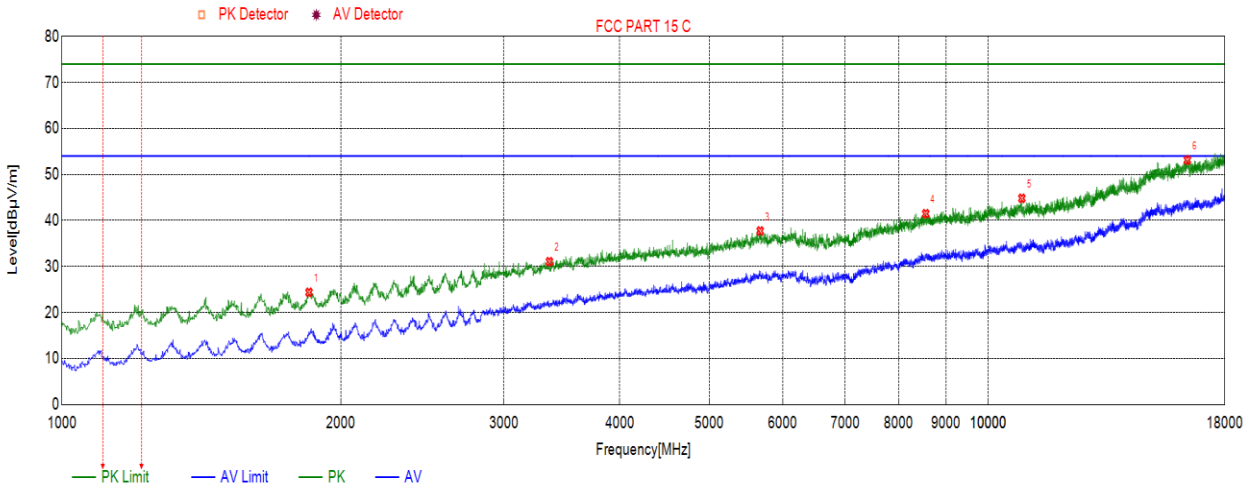
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2178.2178	27.25	74.00	-46.75	54.00	-26.75	peak
2	3706.6707	33.03	74.00	-40.97	54.00	-20.97	peak
3	5566.6567	37.41	74.00	-36.59	54.00	-16.59	peak
4	7936.6937	40.17	74.00	-33.83	54.00	-13.83	peak
5	10855.8856	44.34	74.00	-29.66	54.00	-9.66	peak
6	14880.1880	51.50	74.00	-22.50	54.00	-2.5	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.

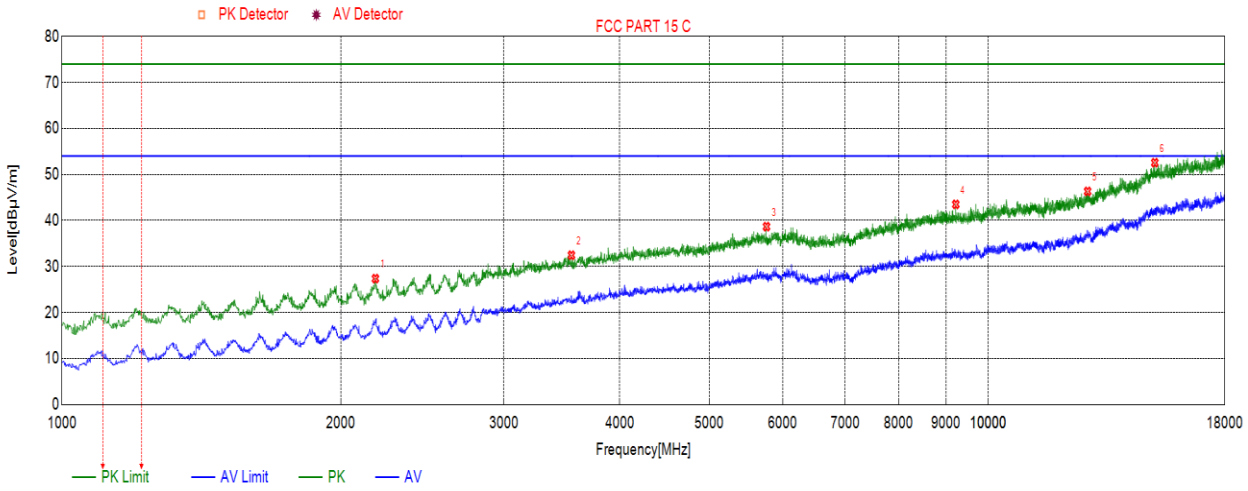
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1848.3848	24.39	74.00	-49.61	54.00	-29.61	peak
2	3359.8360	31.05	74.00	-42.95	54.00	-22.95	peak
3	5672.0672	37.73	74.00	-36.27	54.00	-16.27	peak
4	8560.6561	41.48	74.00	-32.52	54.00	-12.52	peak
5	10871.1871	44.82	74.00	-29.18	54.00	-9.18	peak
6	16403.5404	53.13	74.00	-20.87	54.00	-0.87	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.

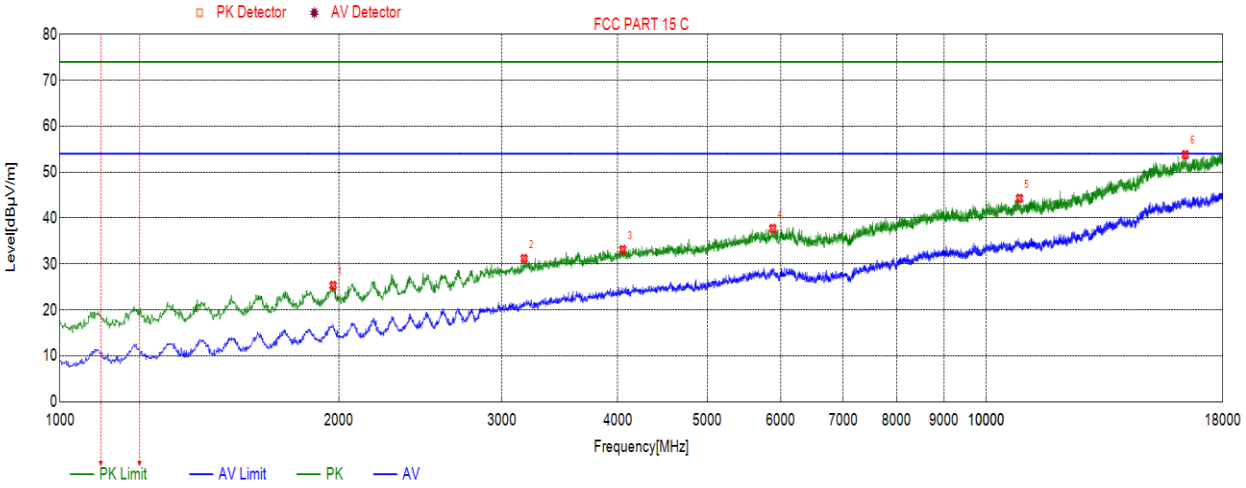
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2179.9180	27.37	74.00	-46.63	54.00	-26.63	peak
2	3548.5549	32.45	74.00	-41.55	54.00	-21.55	peak
3	5762.1762	38.67	74.00	-35.33	54.00	-15.33	peak
4	9223.7224	43.51	74.00	-30.49	54.00	-10.49	peak
5	12800.8801	46.32	74.00	-27.68	54.00	-7.68	peak
6	15126.7127	52.57	74.00	-21.43	54.00	-1.43	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.

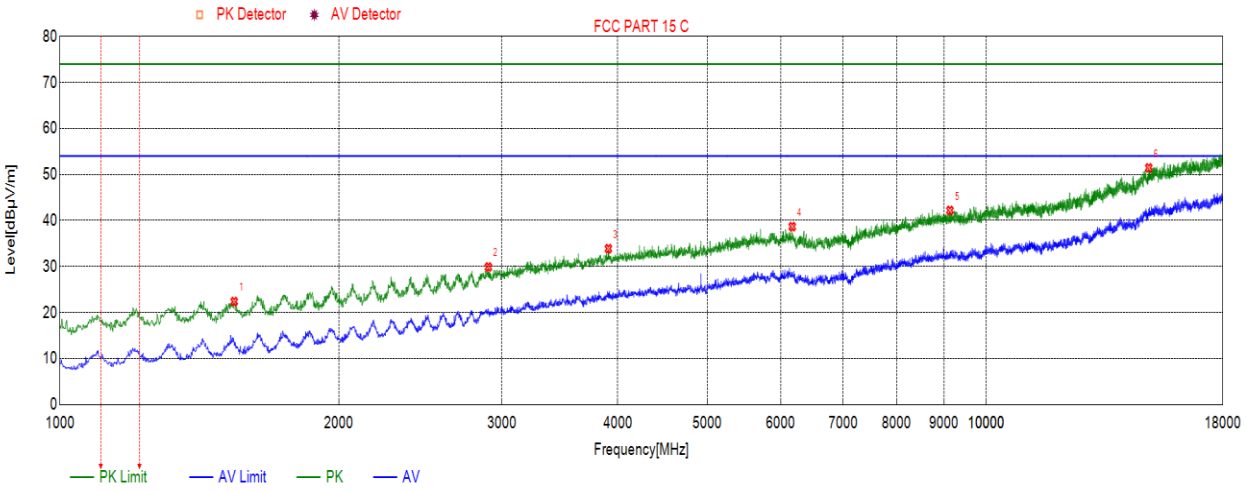
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1972.4973	25.31	74.00	-48.69	54.00	-28.69	peak
2	3171.1171	31.17	74.00	-42.83	54.00	-22.83	peak
3	4051.8052	33.11	74.00	-40.89	54.00	-20.89	peak
4	5882.8883	37.72	74.00	-36.28	54.00	-16.28	peak
5	10857.5858	44.28	74.00	-29.72	54.00	-9.72	peak
6	16400.1400	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.

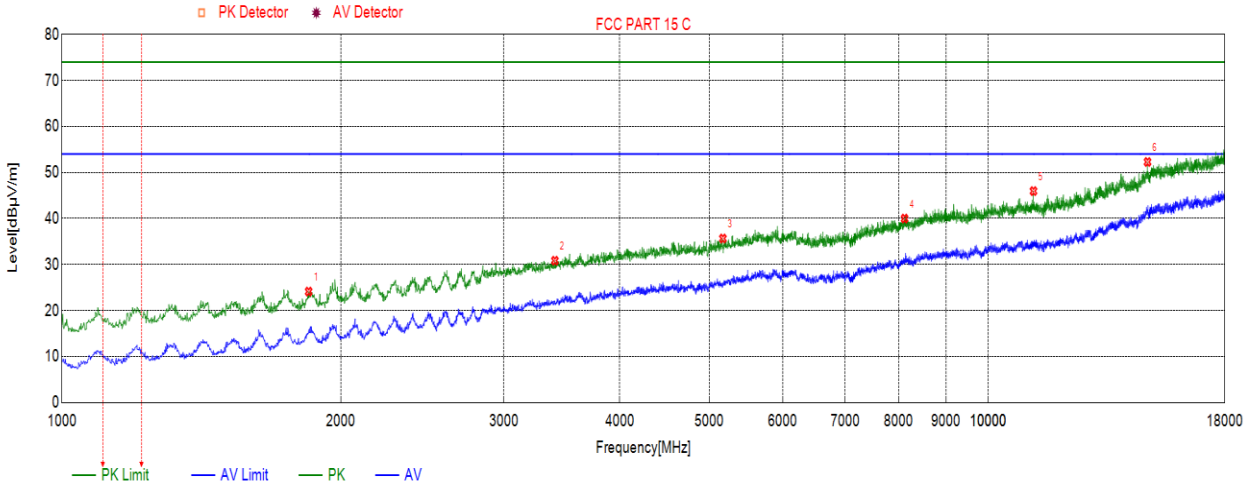
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1542.3542	22.39	74.00	-51.61	54.00	-31.61	peak
2	2900.7901	29.90	74.00	-44.10	54.00	-24.1	peak
3	3908.9909	33.88	74.00	-40.12	54.00	-20.12	peak
4	6173.6174	38.67	74.00	-35.33	54.00	-15.33	peak
5	9137.0137	42.19	74.00	-31.81	54.00	-11.81	peak
6	14977.0977	51.44	74.00	-22.56	54.00	-2.56	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.

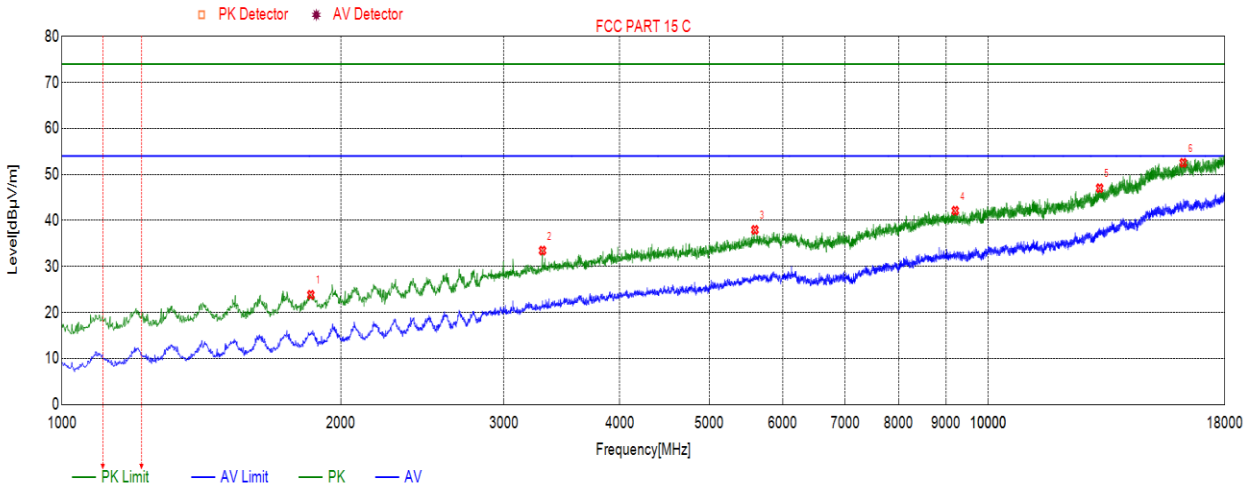
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1846.6847	24.12	74.00	-49.88	54.00	-29.88	peak
2	3405.7406	30.83	74.00	-43.17	54.00	-23.17	peak
3	5170.5171	35.66	74.00	-38.34	54.00	-18.34	peak
4	8122.0122	39.99	74.00	-34.01	54.00	-14.01	peak
5	11189.1189	45.96	74.00	-28.04	54.00	-8.04	peak
6	14856.3856	52.29	74.00	-21.71	54.00	-1.71	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.

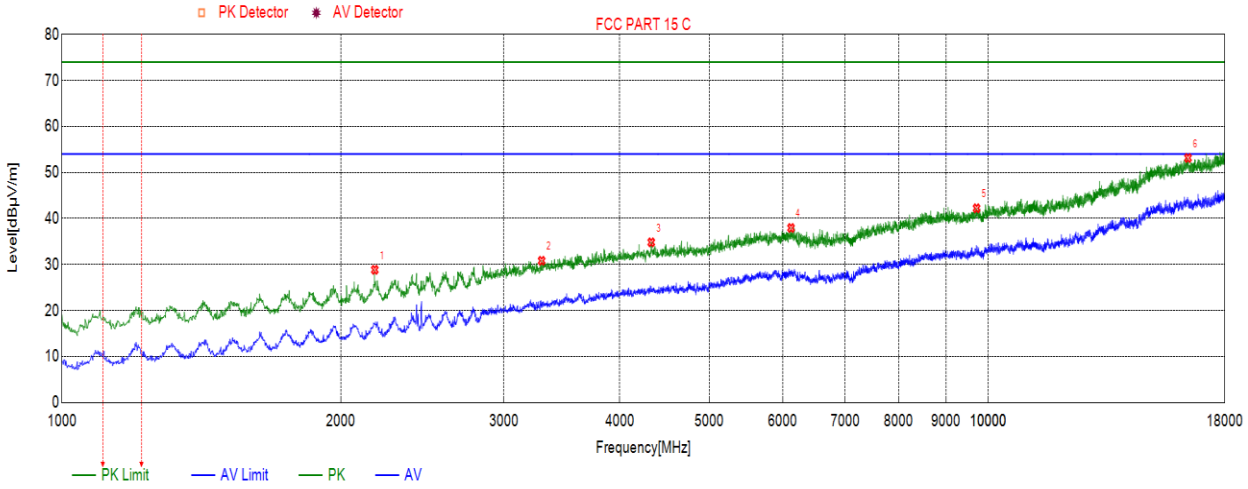
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1856.8857	23.86	74.00	-50.14	54.00	-30.14	peak
2	3302.0302	33.47	74.00	-40.53	54.00	-20.53	peak
3	5598.9599	37.97	74.00	-36.03	54.00	-16.03	peak
4	9211.8212	42.14	74.00	-31.86	54.00	-11.86	peak
5	13188.5189	47.02	74.00	-26.98	54.00	-6.98	peak
6	16235.2235	52.55	74.00	-21.45	54.00	-1.45	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.

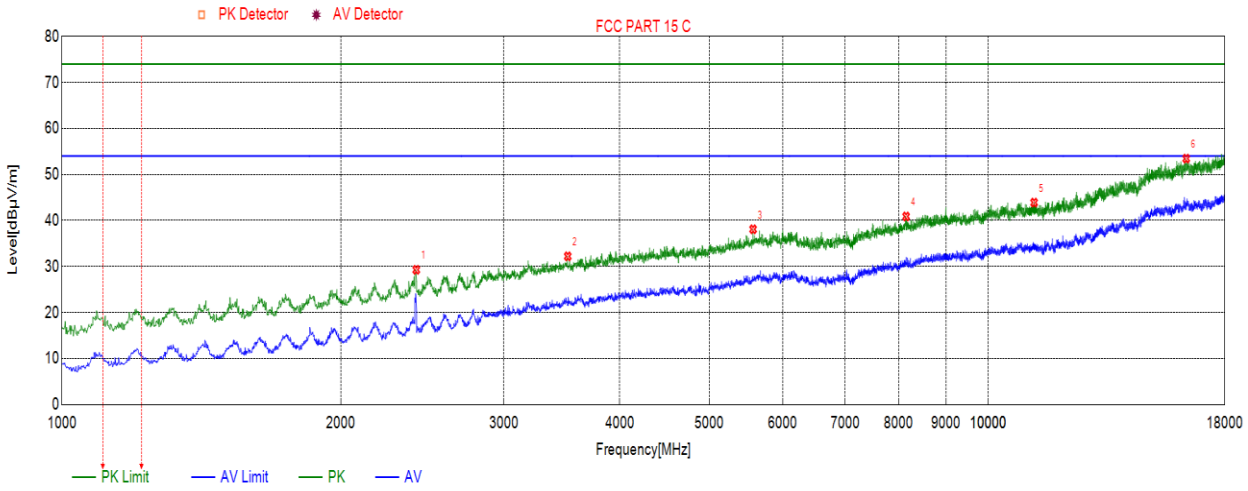
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2176.5177	28.85	74.00	-45.15	54.00	-25.15	peak
2	3295.2295	30.82	74.00	-43.18	54.00	-23.18	peak
3	4327.2327	34.82	74.00	-39.18	54.00	-19.18	peak
4	6124.3124	37.95	74.00	-36.05	54.00	-16.05	peak
5	9713.3713	42.23	74.00	-31.77	54.00	-11.77	peak
6	16429.0429	53.16	74.00	-20.84	54.00	-0.84	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.

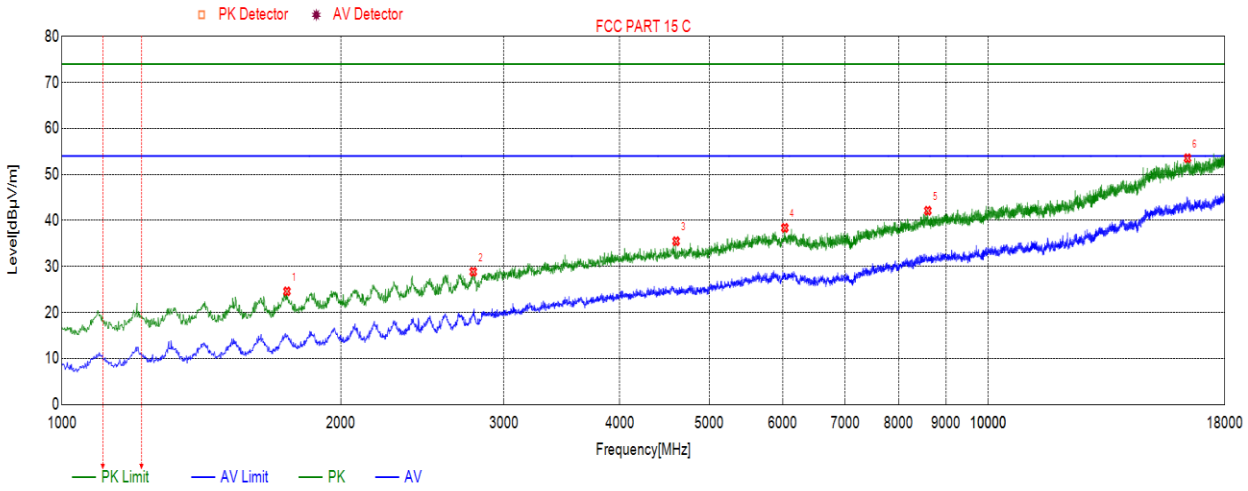
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2412.8413	29.28	74.00	-44.72	54.00	-24.72	peak
2	3516.2516	32.22	74.00	-41.78	54.00	-21.78	peak
3	5573.4573	38.09	74.00	-35.91	54.00	-15.91	peak
4	8152.6153	40.88	74.00	-33.12	54.00	-13.12	peak
5	11206.1206	43.90	74.00	-30.10	54.00	-10.1	peak
6	16354.2354	53.45	74.00	-20.55	54.00	-0.55	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.

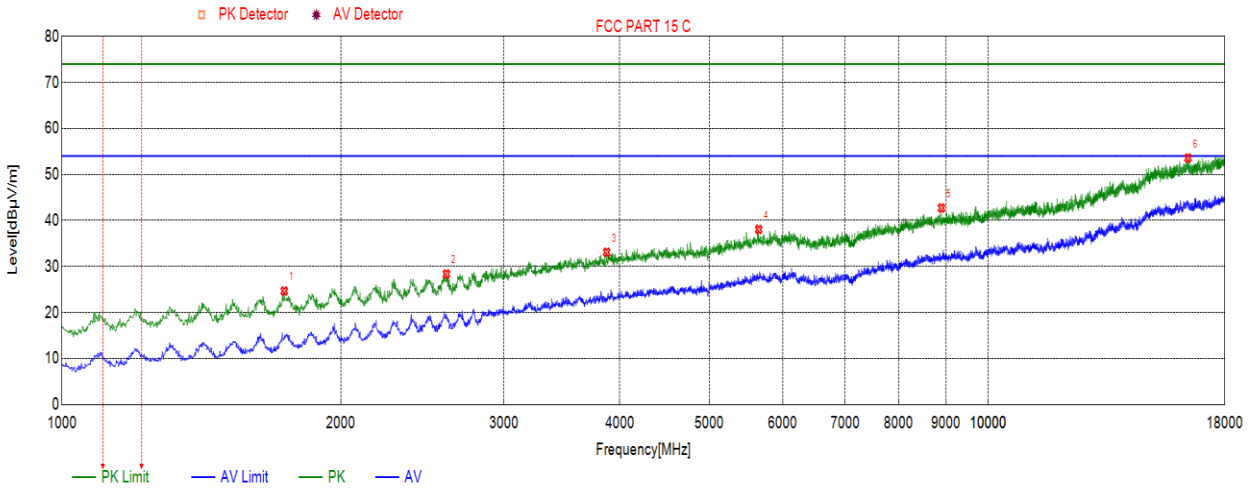
Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1749.7750	24.61	74.00	-49.39	54.00	-29.39	peak
2	2780.0780	28.86	74.00	-45.14	54.00	-25.14	peak
3	4602.6603	35.51	74.00	-38.49	54.00	-18.49	peak
4	6030.8031	38.39	74.00	-35.61	54.00	-15.61	peak
5	8604.8605	42.13	74.00	-31.87	54.00	-11.87	peak
6	16408.6409	53.54	74.00	-20.46	54.00	-0.46	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.

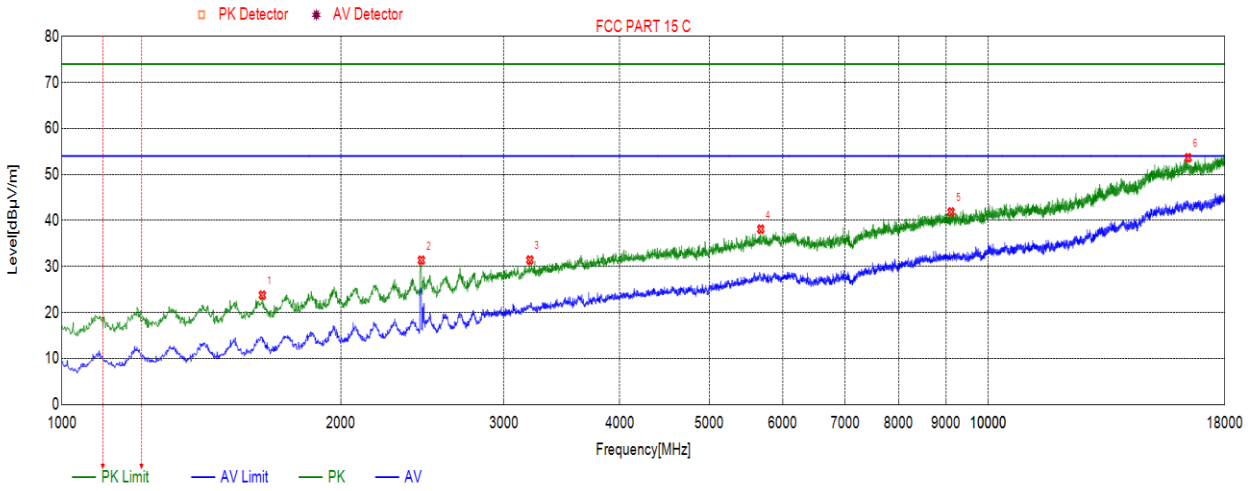
Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1737.8738	24.68	74.00	-49.32	54.00	-29.32	peak
2	2601.5602	28.36	74.00	-45.64	54.00	-25.64	peak
3	3873.2873	33.08	74.00	-40.92	54.00	-20.92	peak
4	5651.6652	38.05	74.00	-35.95	54.00	-15.95	peak
5	8900.6901	42.73	74.00	-31.27	54.00	-11.27	peak
6	16427.3427	53.57	74.00	-20.43	54.00	-0.43	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.

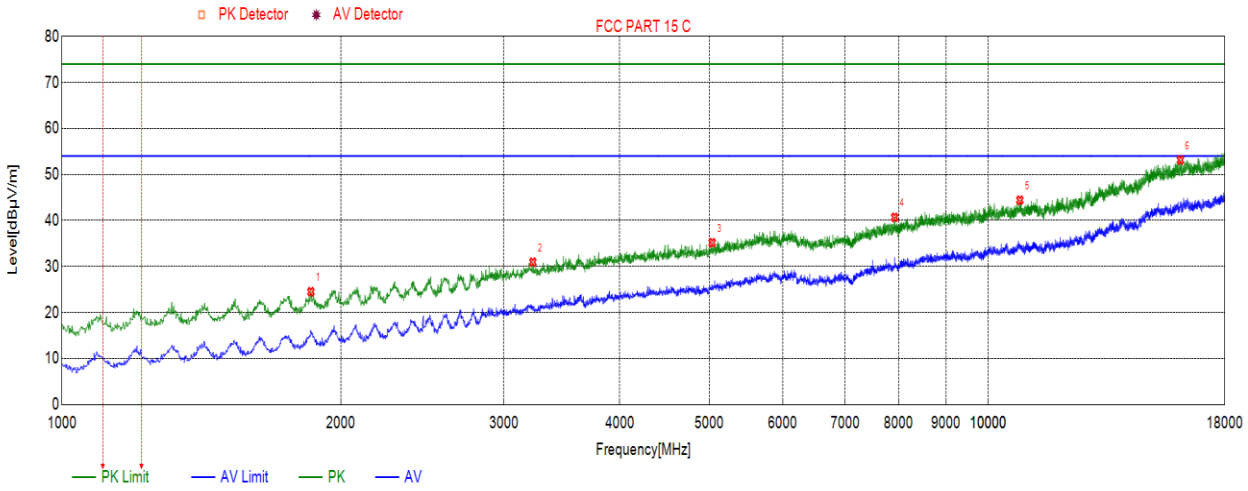
Test Mode	Channel	Polarization	Verdict
11NSISO40	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1646.0646	23.77	74.00	-50.23	54.00	-30.23	peak
2	2443.4443	31.38	74.00	-42.62	54.00	-22.62	peak
3	3200.0200	31.40	74.00	-42.60	54.00	-22.6	peak
4	5680.5681	38.12	74.00	-35.88	54.00	-15.88	peak
5	9118.3118	41.86	74.00	-32.14	54.00	-12.14	peak
6	16430.7431	53.63	74.00	-20.37	54.00	-0.37	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.

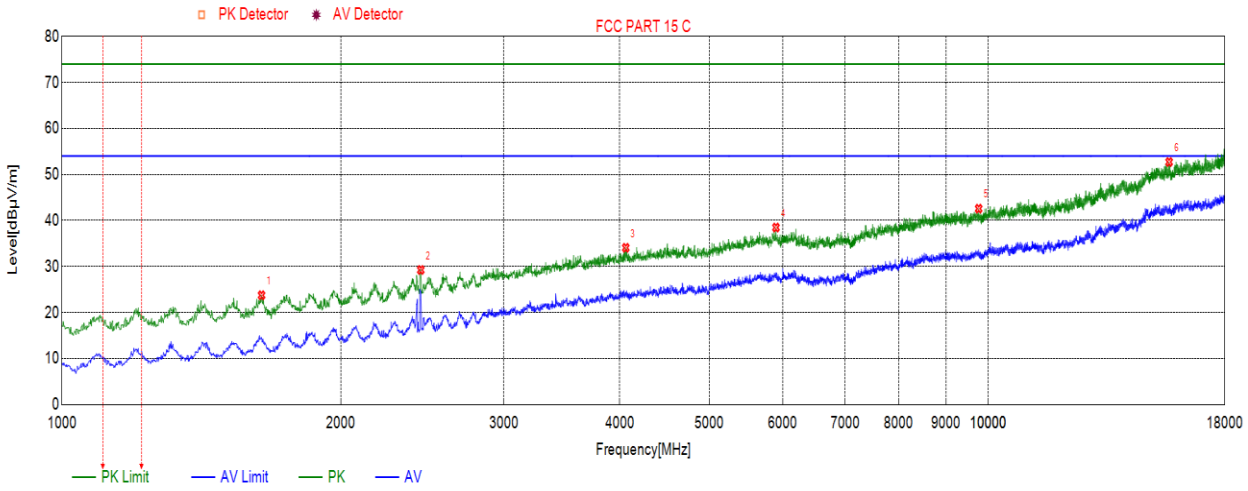
Test Mode	Channel	Polarization	Verdict
11NSISO40	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1856.8857	24.53	74.00	-49.47	54.00	-29.47	peak
2	3223.8224	30.96	74.00	-43.04	54.00	-23.04	peak
3	5034.5035	35.18	74.00	-38.82	54.00	-18.82	peak
4	7923.0923	40.69	74.00	-33.31	54.00	-13.31	peak
5	10816.7817	44.41	74.00	-29.59	54.00	-9.59	peak
6	16119.6120	53.15	74.00	-20.85	54.00	-0.85	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.

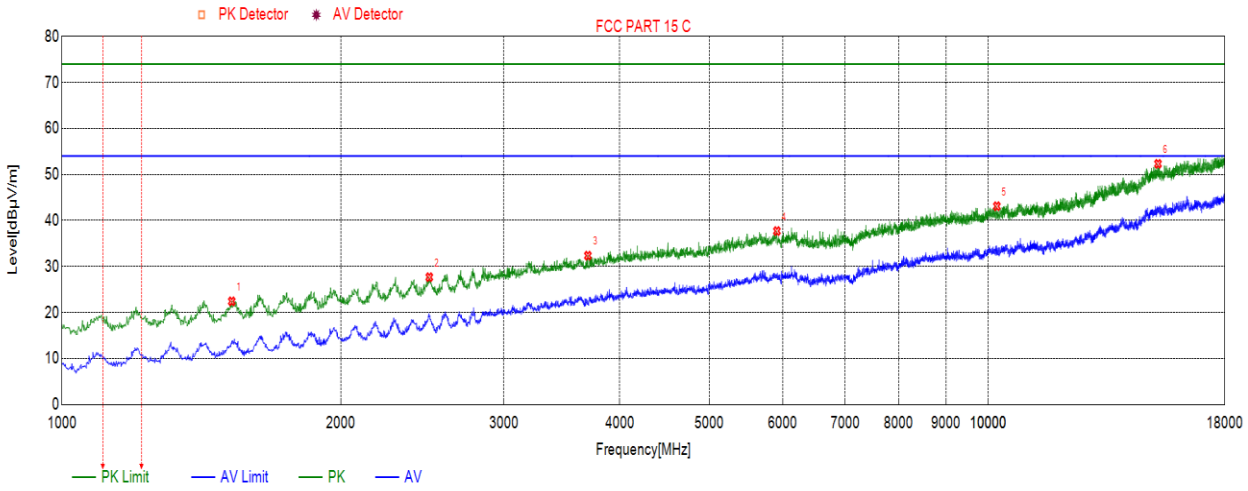
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1642.6643	23.76	74.00	-50.24	54.00	-30.24	peak
2	2440.0440	29.25	74.00	-44.75	54.00	-24.75	peak
3	4062.0062	34.08	74.00	-39.92	54.00	-19.92	peak
4	5899.8900	38.47	74.00	-35.53	54.00	-15.53	peak
5	9764.3764	42.58	74.00	-31.42	54.00	-11.42	peak
6	15675.8676	52.72	74.00	-21.28	54.00	-1.28	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.

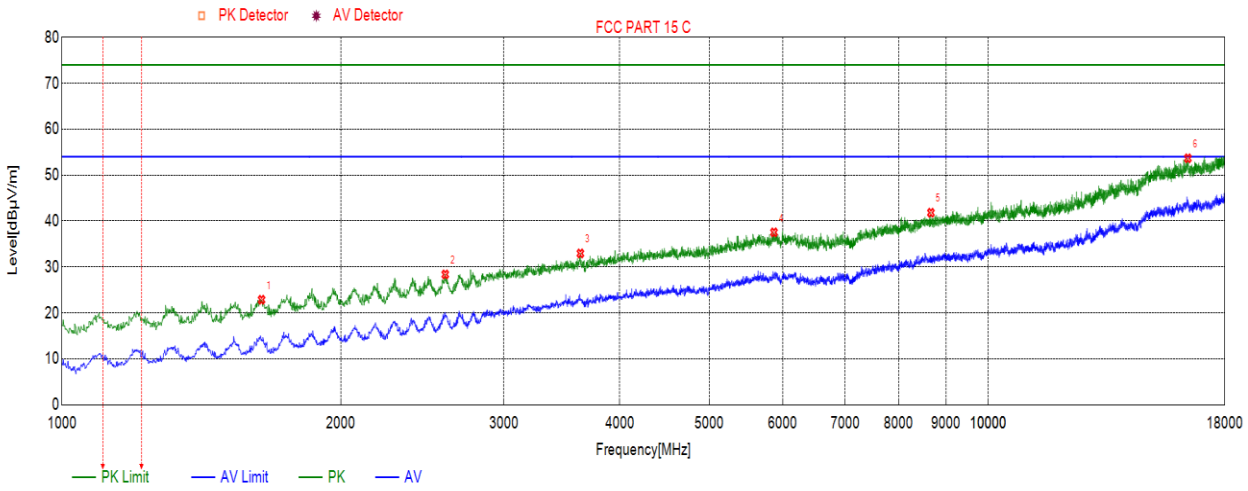
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1525.3525	22.43	74.00	-51.57	54.00	-31.57	peak
2	2492.7493	27.68	74.00	-46.32	54.00	-26.32	peak
3	3696.4696	32.36	74.00	-41.64	54.00	-21.64	peak
4	5913.4913	37.70	74.00	-36.30	54.00	-16.3	peak
5	10214.9215	43.11	74.00	-30.89	54.00	-10.89	peak
6	15247.4247	52.32	74.00	-21.68	54.00	-1.68	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.

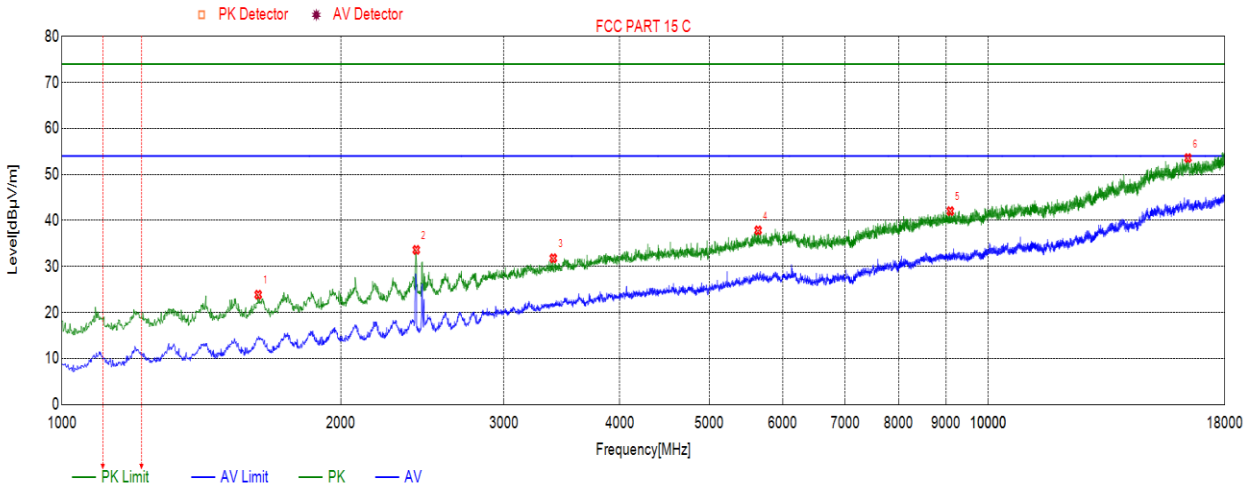
Test Mode	Channel	Polarization	Verdict
11NSISO40	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1642.6643	22.87	74.00	-51.13	54.00	-31.13	peak
2	2593.0593	28.38	74.00	-45.62	54.00	-25.62	peak
3	3628.4628	32.96	74.00	-41.04	54.00	-21.04	peak
4	5870.9871	37.54	74.00	-36.46	54.00	-16.46	peak
5	8671.1671	41.82	74.00	-32.18	54.00	-12.18	peak
6	16423.9424	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



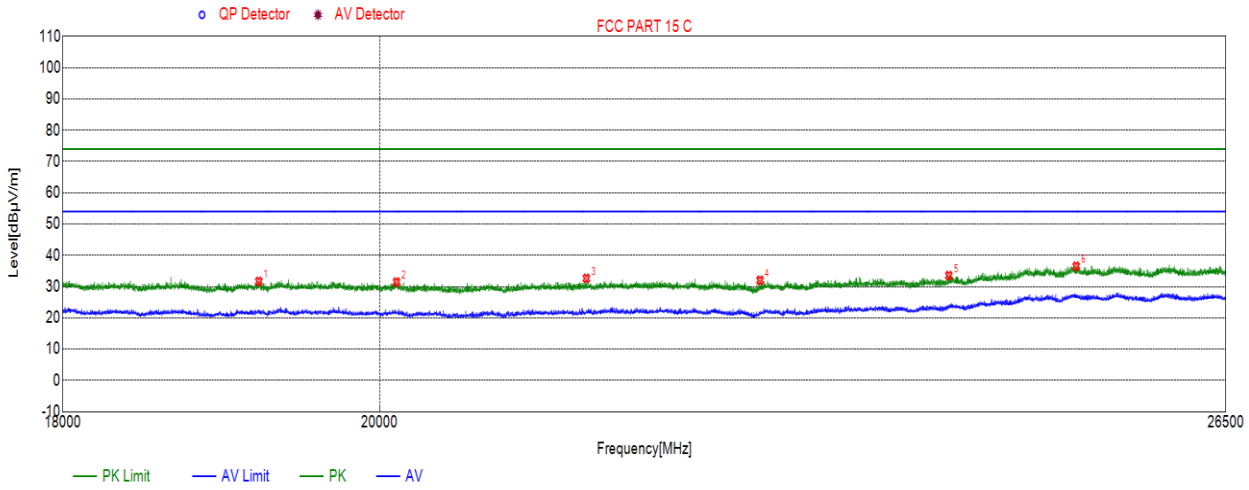
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1629.0629	23.88	74.00	-50.12	54.00	-30.12	peak
2	2412.8413	33.62	74.00	-40.38	54.00	-20.38	peak
3	3392.1392	31.80	74.00	-42.20	54.00	-22.2	peak
4	5643.1643	37.86	74.00	-36.14	54.00	-16.14	peak
5	9101.3101	42.04	74.00	-31.96	54.00	-11.96	peak
6	16427.3427	53.58	74.00	-20.42	54.00	-0.42	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)

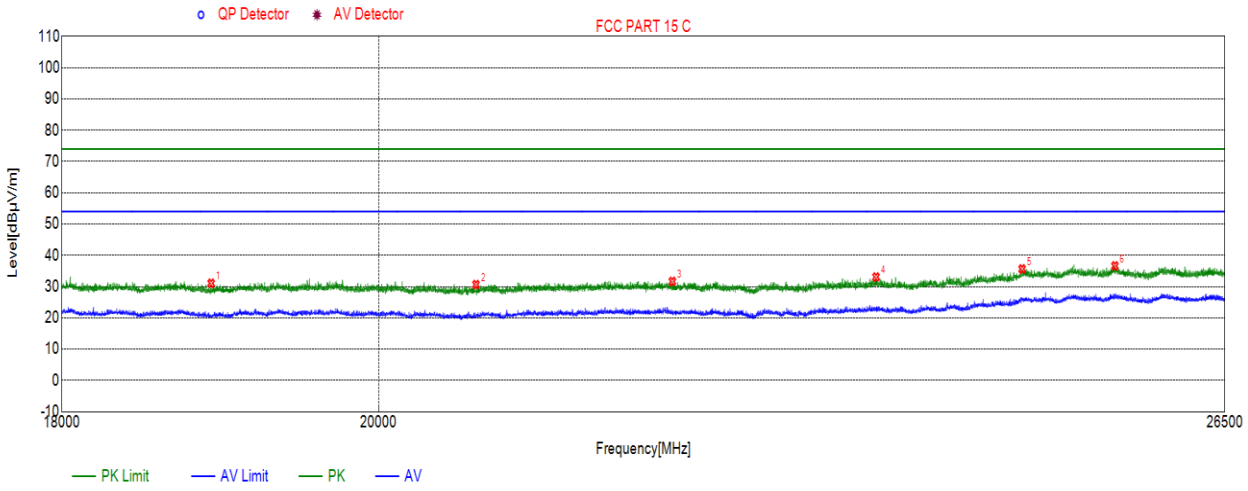
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19212.2212	31.65	74.00	-42.35	54.00	-22.35	peak
2	20112.4612	31.46	74.00	-42.54	54.00	-22.54	peak
3	21423.2923	32.63	74.00	-41.37	54.00	-21.37	peak
4	22697.5698	32.01	74.00	-41.99	54.00	-21.99	peak
5	24168.2168	33.52	74.00	-40.48	54.00	-20.48	peak
6	25213.8214	36.49	74.00	-37.51	54.00	-17.51	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.

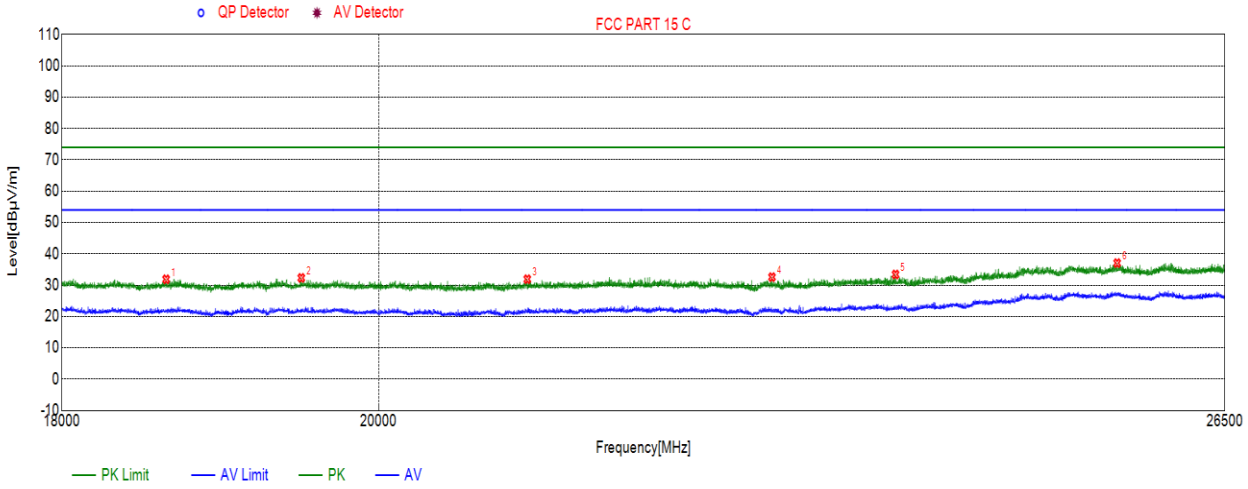
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18916.3916	31.05	74.00	-42.95	54.00	-22.95	peak
2	20658.2158	30.63	74.00	-43.37	54.00	-23.37	peak
3	22052.3552	31.64	74.00	-42.36	54.00	-22.36	peak
4	23597.8098	33.06	74.00	-40.94	54.00	-20.94	peak
5	24772.6273	35.64	74.00	-38.36	54.00	-18.36	peak
6	25549.6050	36.62	74.00	-37.38	54.00	-17.38	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.

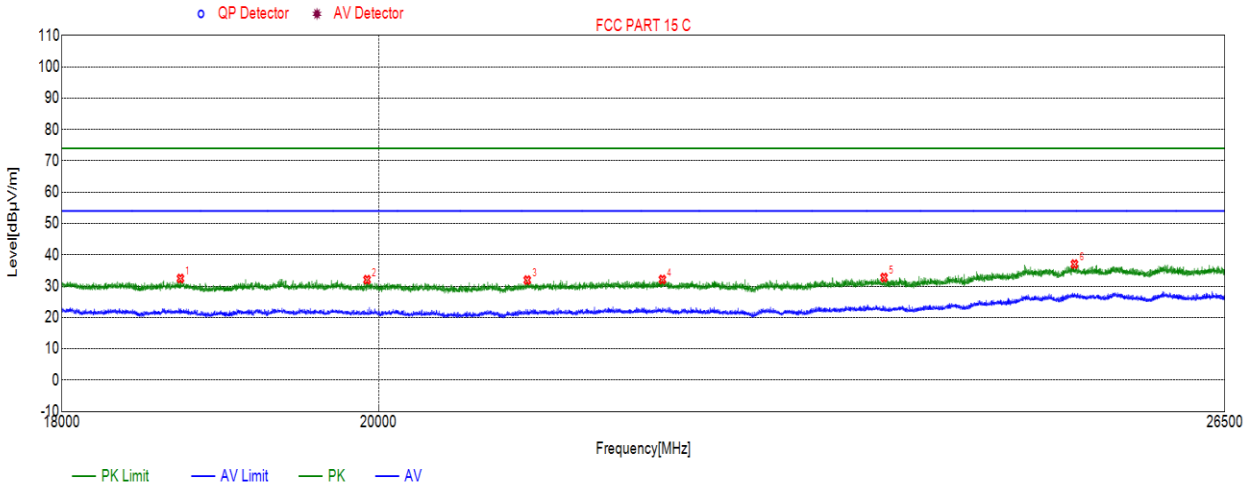
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18635.0135	31.88	74.00	-42.12	54.00	-22.12	peak
2	19491.8992	32.31	74.00	-41.69	54.00	-21.69	peak
3	21013.5514	31.91	74.00	-42.09	54.00	-22.09	peak
4	22795.3295	32.56	74.00	-41.44	54.00	-21.44	peak
5	23751.6752	33.41	74.00	-40.59	54.00	-20.59	peak
6	25568.3068	37.05	74.00	-36.95	54.00	-16.95	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.

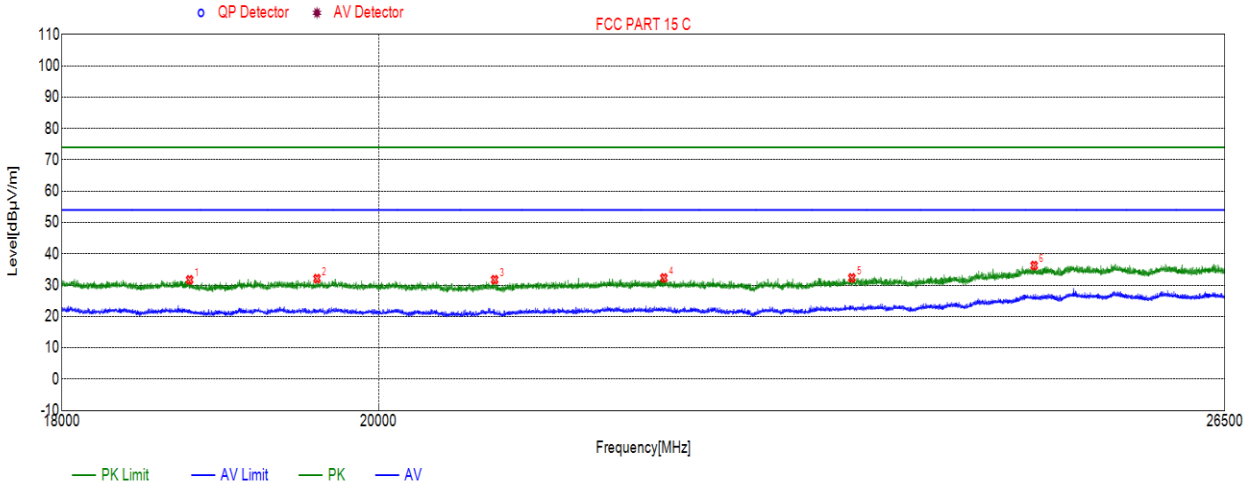
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18724.2724	32.45	74.00	-41.55	54.00	-21.55	peak
2	19922.8923	32.05	74.00	-41.95	54.00	-21.95	peak
3	21013.5514	31.93	74.00	-42.07	54.00	-22.07	peak
4	21979.2479	32.13	74.00	-41.87	54.00	-21.87	peak
5	23660.7161	32.76	74.00	-41.24	54.00	-21.24	peak
6	25207.8708	37.03	74.00	-36.97	54.00	-16.97	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.

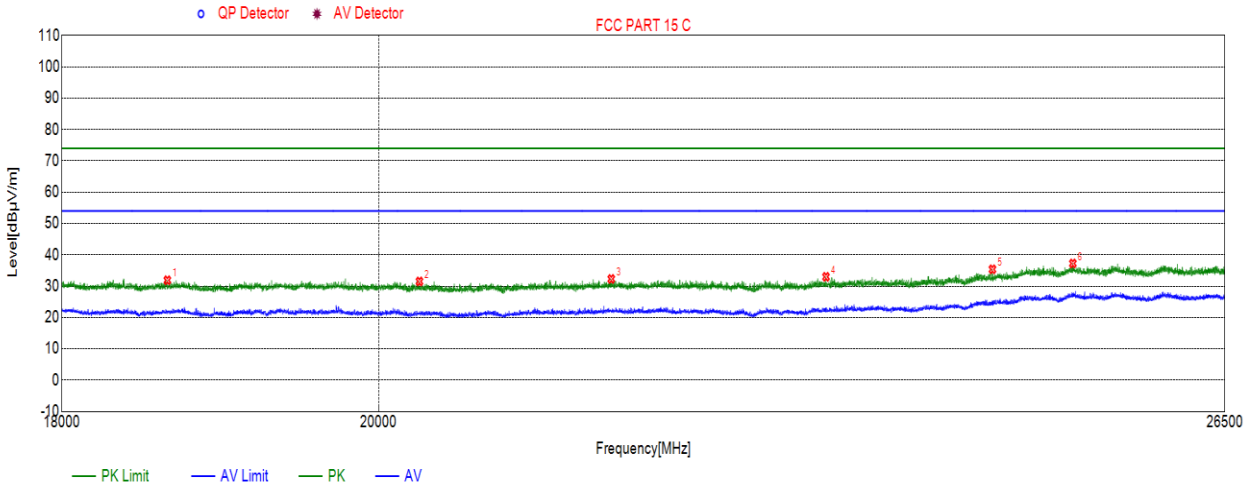
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18781.2281	31.70	74.00	-42.30	54.00	-22.3	peak
2	19593.9094	32.09	74.00	-41.91	54.00	-21.91	peak
3	20786.5787	31.75	74.00	-42.25	54.00	-22.25	peak
4	21990.2990	32.29	74.00	-41.71	54.00	-21.71	peak
5	23409.0909	32.32	74.00	-41.68	54.00	-21.68	peak
6	24872.0872	36.26	74.00	-37.74	54.00	-17.74	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



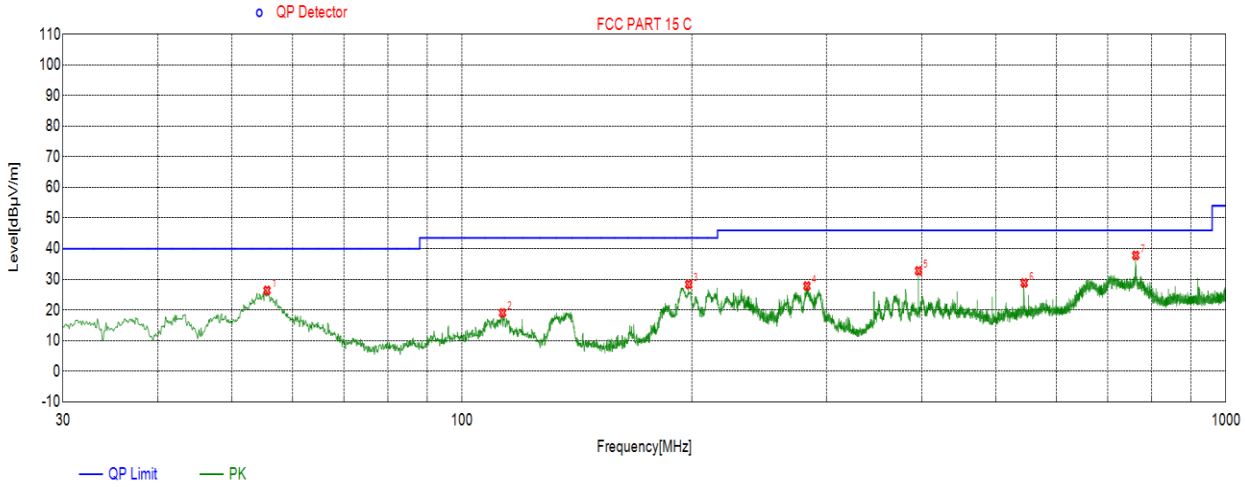
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18642.6643	31.88	74.00	-42.12	54.00	-22.12	peak
2	20273.1273	31.50	74.00	-42.50	54.00	-22.5	peak
3	21608.6109	32.30	74.00	-41.70	54.00	-21.7	peak
4	23208.4708	32.98	74.00	-41.02	54.00	-21.02	peak
5	24529.5030	35.37	74.00	-38.63	54.00	-18.63	peak
6	25194.2694	37.24	74.00	-36.76	54.00	-16.76	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)

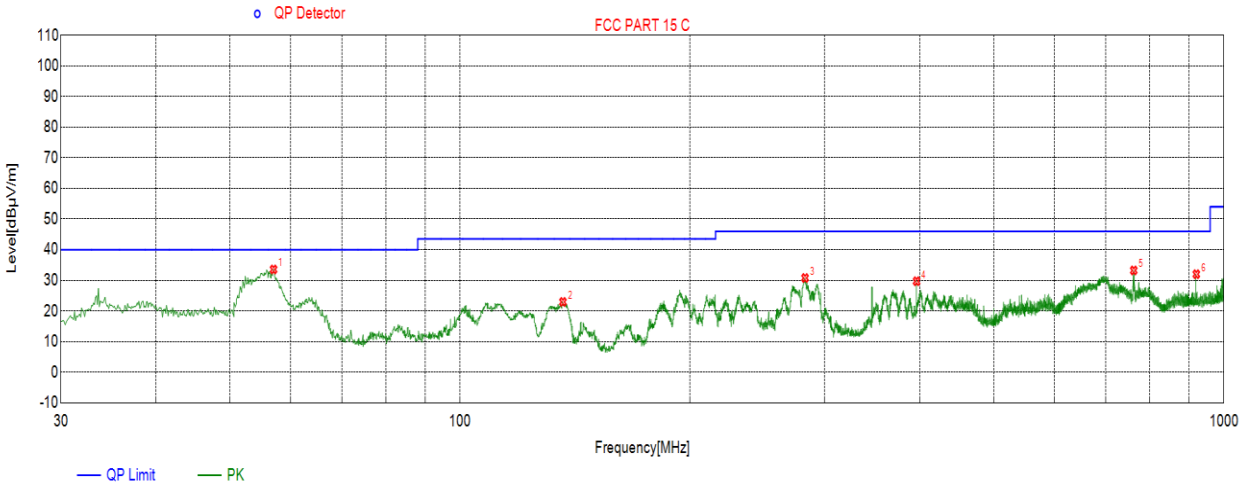
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	55.5136	26.37	40.00	-13.63	QP
2	112.9433	19.04	43.50	-24.46	QP
3	198.0208	28.34	43.50	-15.16	QP
4	282.8073	27.81	46.00	-18.19	QP
5	396.0176	32.77	46.00	-13.23	QP
6	544.5395	28.79	46.00	-17.21	QP
7	762.2292	37.81	46.00	-8.19	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.

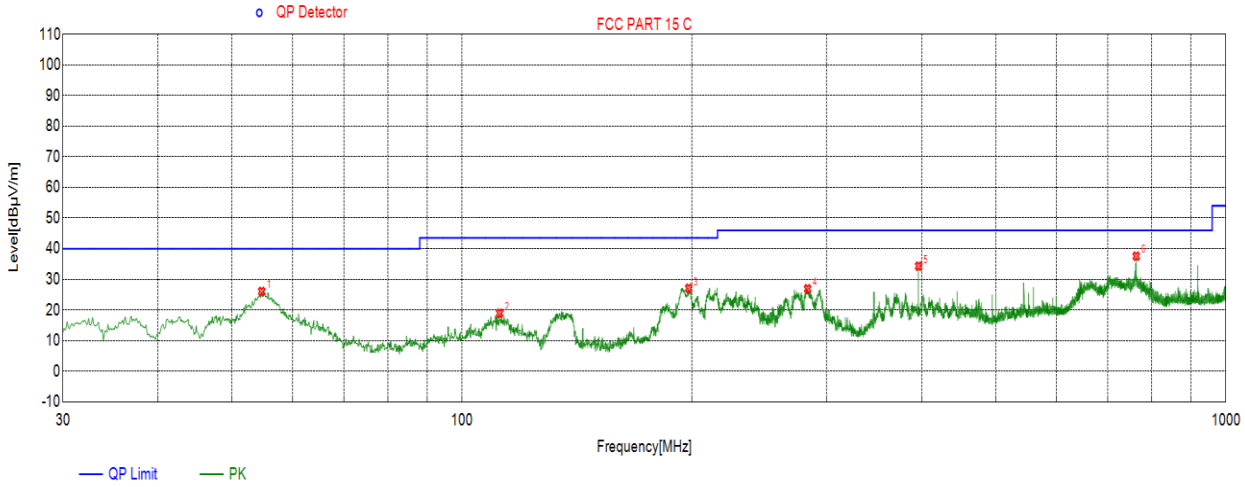
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.9687	33.55	40.00	-6.45	QP
2	136.3226	22.94	43.50	-20.56	QP
3	282.9043	30.75	46.00	-15.25	QP
4	396.0176	29.71	46.00	-16.29	QP
5	762.2292	33.23	46.00	-12.77	QP
6	920.6461	31.99	46.00	-14.01	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.

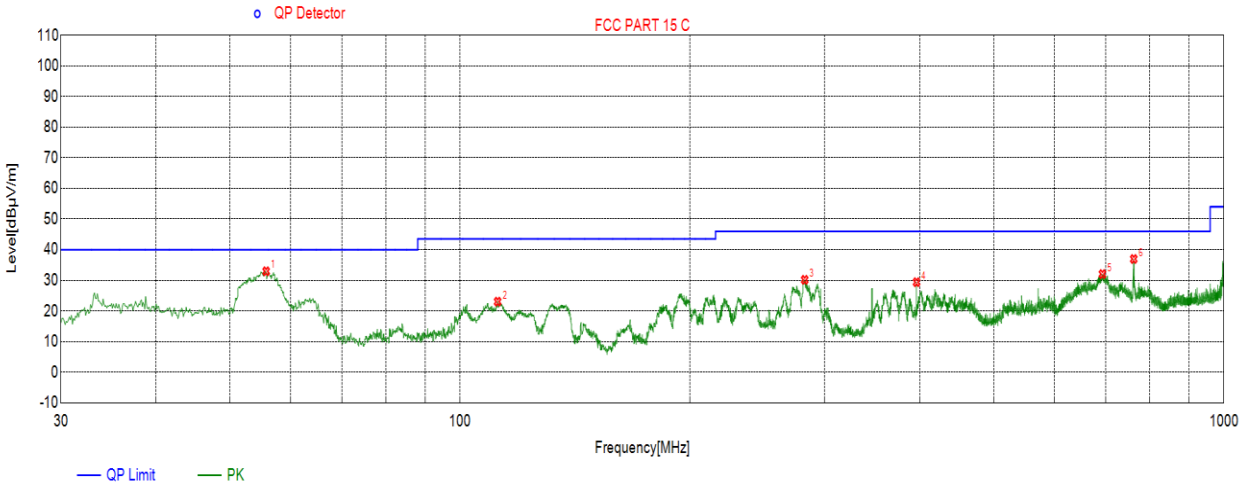
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	54.6405	26.02	40.00	-13.98	QP
2	111.9732	18.91	43.50	-24.59	QP
3	198.0208	27.07	43.50	-16.43	QP
4	283.3893	26.90	46.00	-19.10	QP
5	396.0176	34.29	46.00	-11.71	QP
6	763.3933	37.55	46.00	-8.45	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.

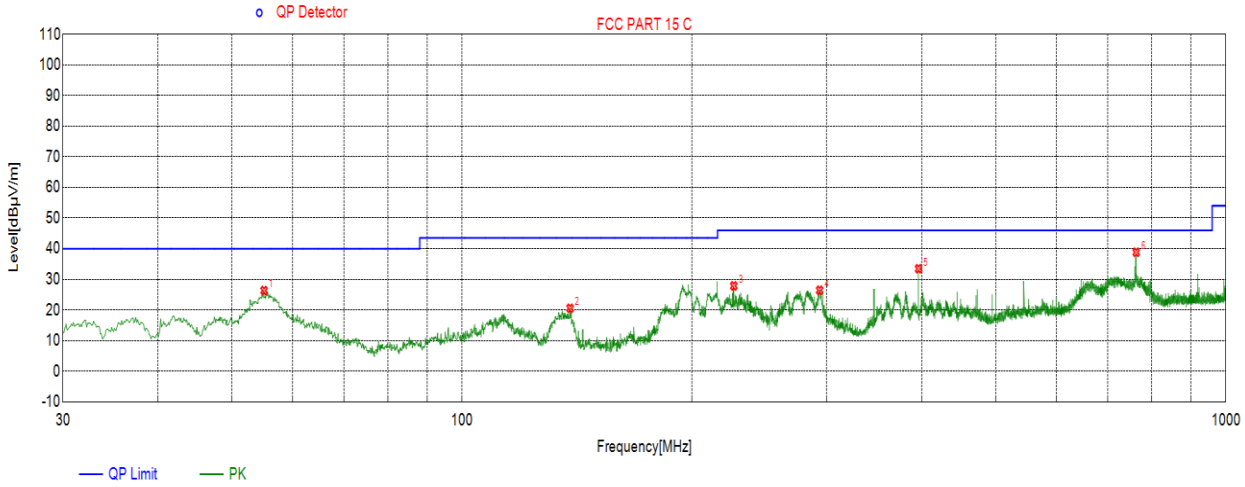
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	55.7076	32.95	40.00	-7.05	QP
2	111.9732	23.03	43.50	-20.47	QP
3	282.6133	30.16	46.00	-15.84	QP
4	396.0176	29.39	46.00	-16.61	QP
5	693.5464	32.04	46.00	-13.96	QP
6	762.2292	36.96	46.00	-9.04	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.

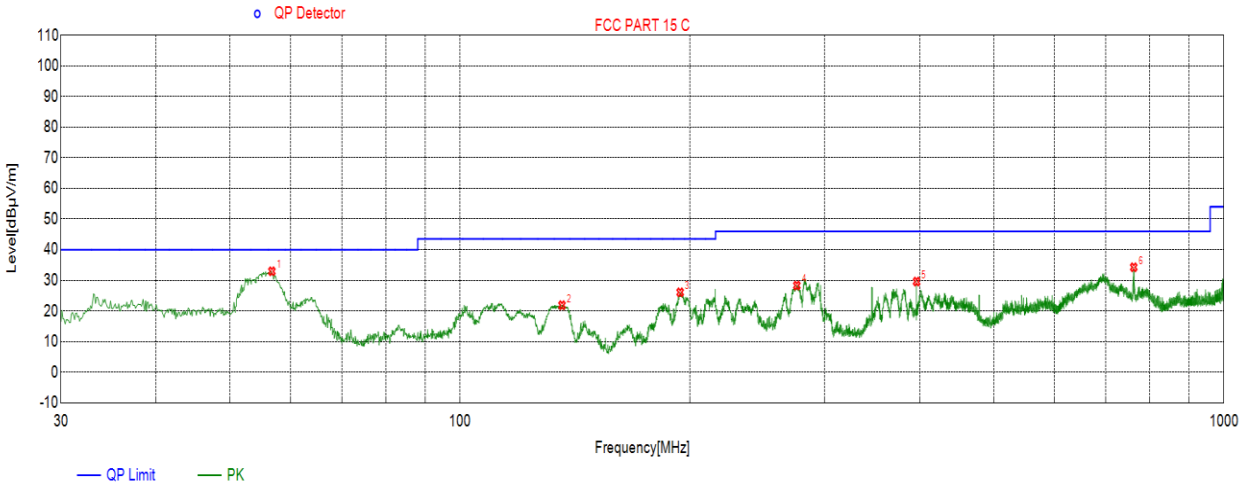
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	55.0285	26.32	40.00	-13.68	QP
2	138.4568	20.52	43.50	-22.98	QP
3	226.8327	27.84	46.00	-18.16	QP
4	293.8664	26.43	46.00	-19.57	QP
5	396.0176	33.46	46.00	-12.54	QP
6	763.3933	38.83	46.00	-7.17	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



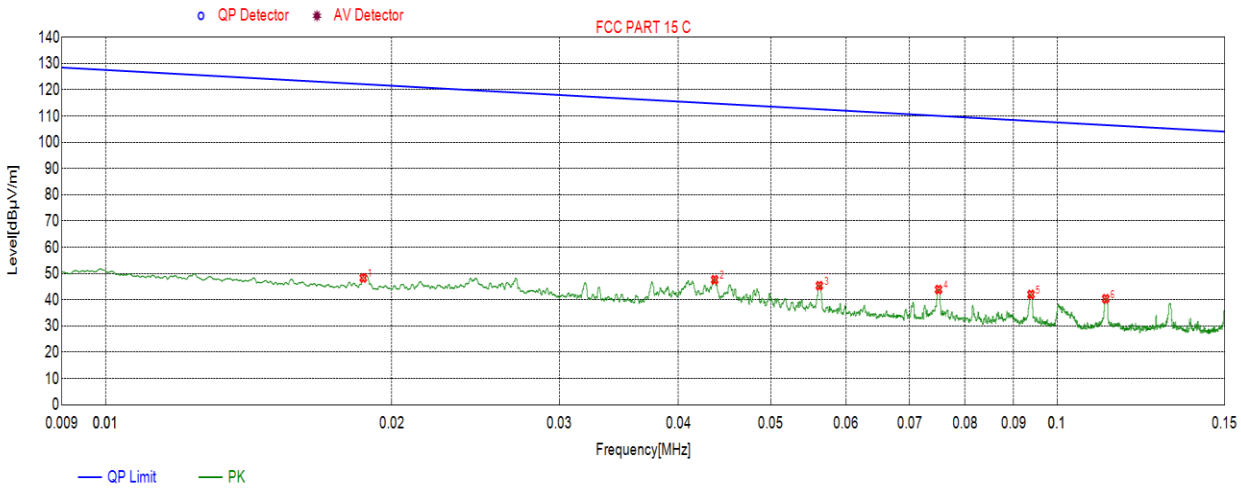
No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.6777	32.94	40.00	-7.06	QP
2	135.9346	21.87	43.50	-21.63	QP
3	194.1404	26.08	43.50	-17.42	QP
4	276.0166	28.30	46.00	-17.70	QP
5	396.0176	29.60	46.00	-16.40	QP
6	762.2292	34.26	46.00	-11.74	QP

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)

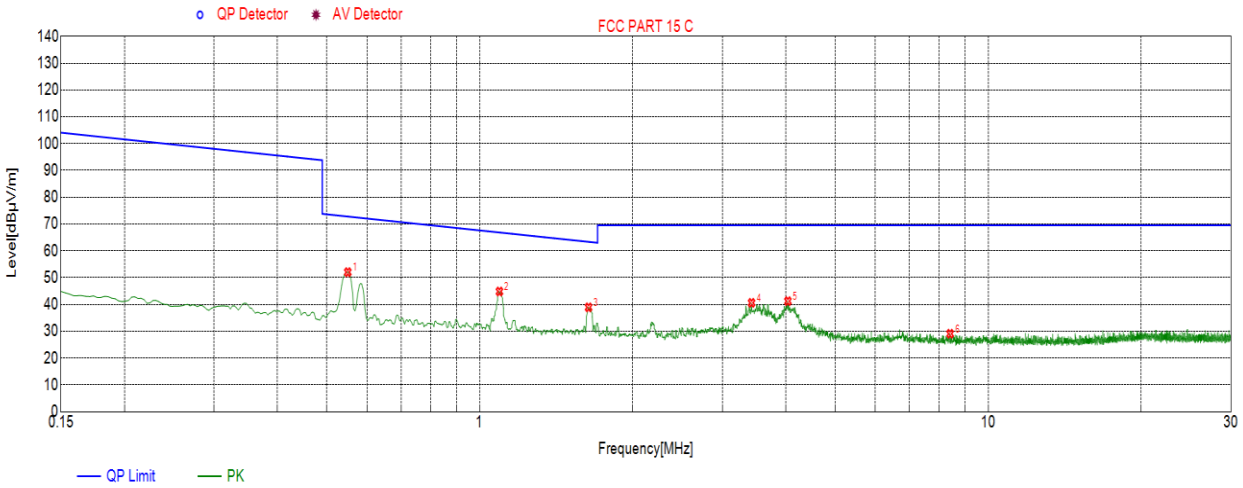
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0187	48.33	122.13	-73.80	Peak
2	0.0437	47.62	114.78	-67.16	Peak
3	0.0563	45.37	112.58	-67.21	Peak
4	0.0751	43.89	110.08	-66.19	Peak
5	0.0939	42.03	108.14	-66.11	Peak
6	0.1125	40.39	106.57	-66.18	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.

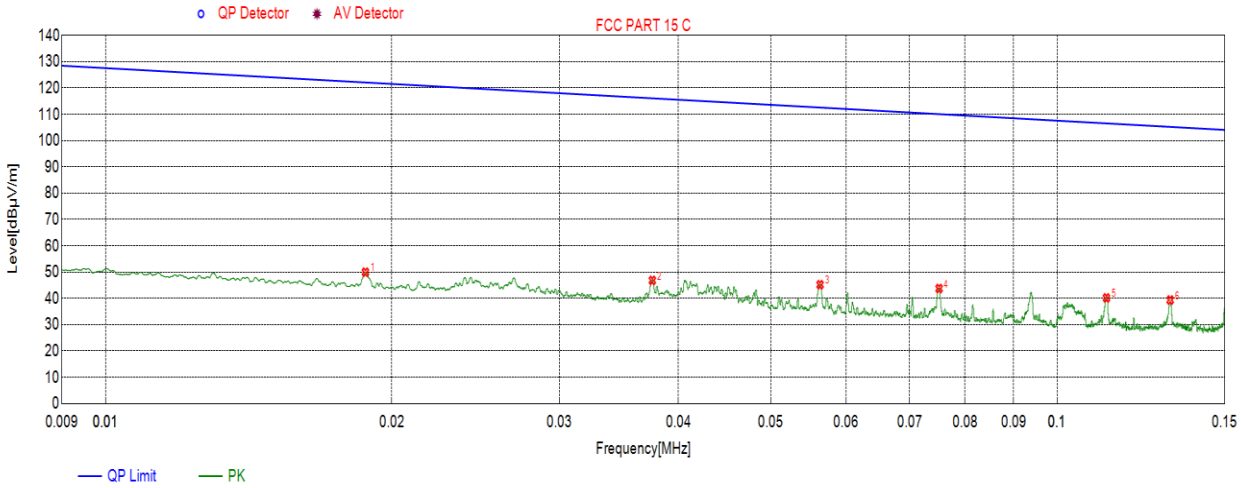
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5500	52.05	72.80	-20.75	Peak
2	1.0934	44.84	66.85	-22.01	Peak
3	1.6367	38.92	63.35	-24.43	Peak
4	3.4249	40.60	69.50	-28.90	Peak
5	4.0369	41.23	69.50	-28.27	Peak
6	8.4163	29.08	69.50	-40.42	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.

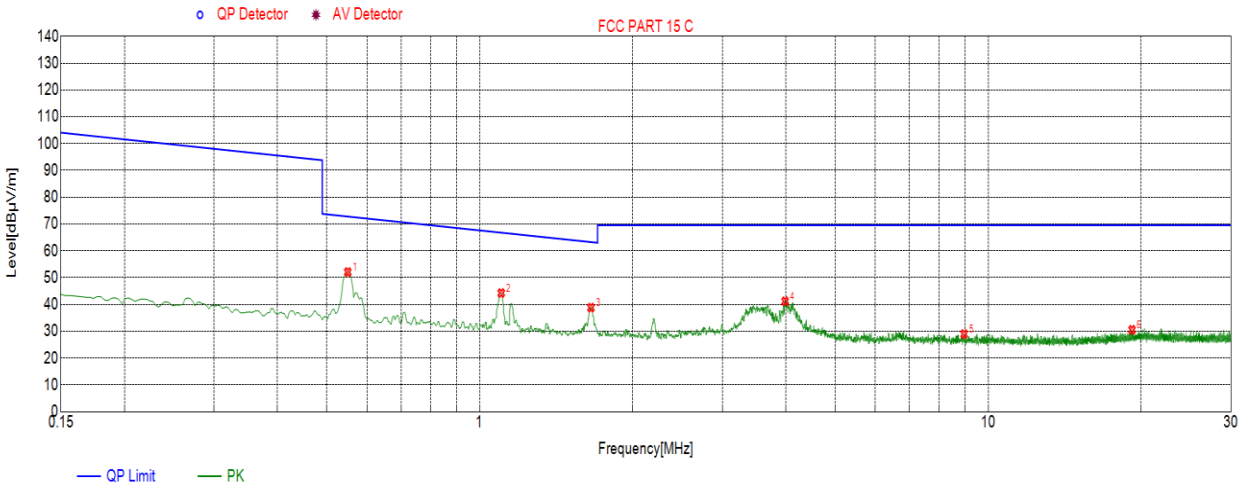
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0188	49.96	122.12	-72.16	Peak
2	0.0376	46.84	116.09	-69.25	Peak
3	0.0564	45.20	112.57	-67.37	Peak
4	0.0752	43.75	110.07	-66.32	Peak
5	0.1127	40.17	106.56	-66.39	Peak
6	0.1315	39.36	105.22	-65.86	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.

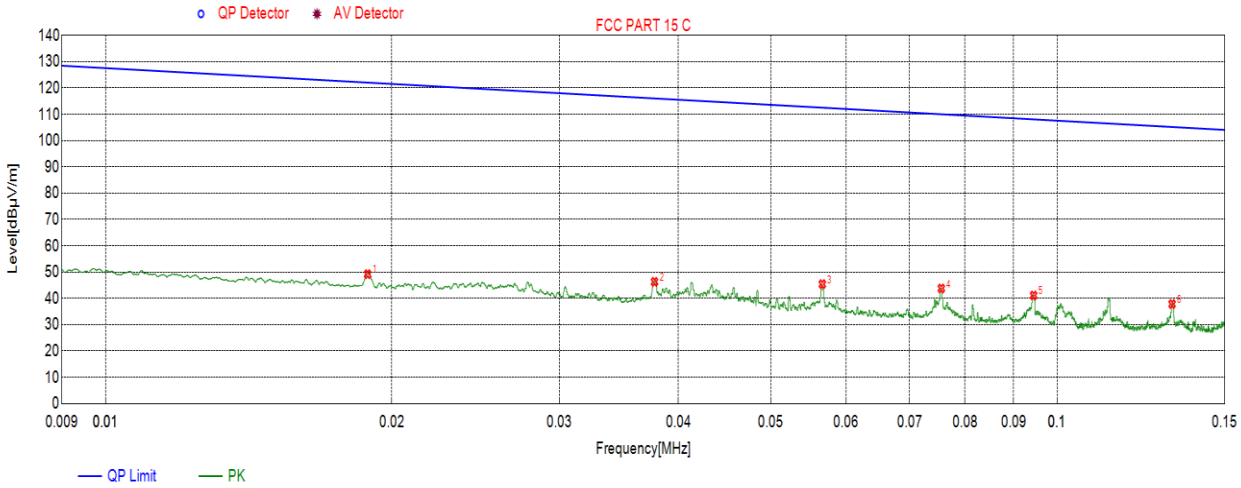
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5500	52.09	72.80	-20.71	Peak
2	1.1023	44.27	66.78	-22.51	Peak
3	1.6546	38.82	63.26	-24.44	Peak
4	3.9861	41.18	69.50	-28.32	Peak
5	8.9686	28.96	69.50	-40.54	Peak
6	19.1843	30.53	69.50	-38.97	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.

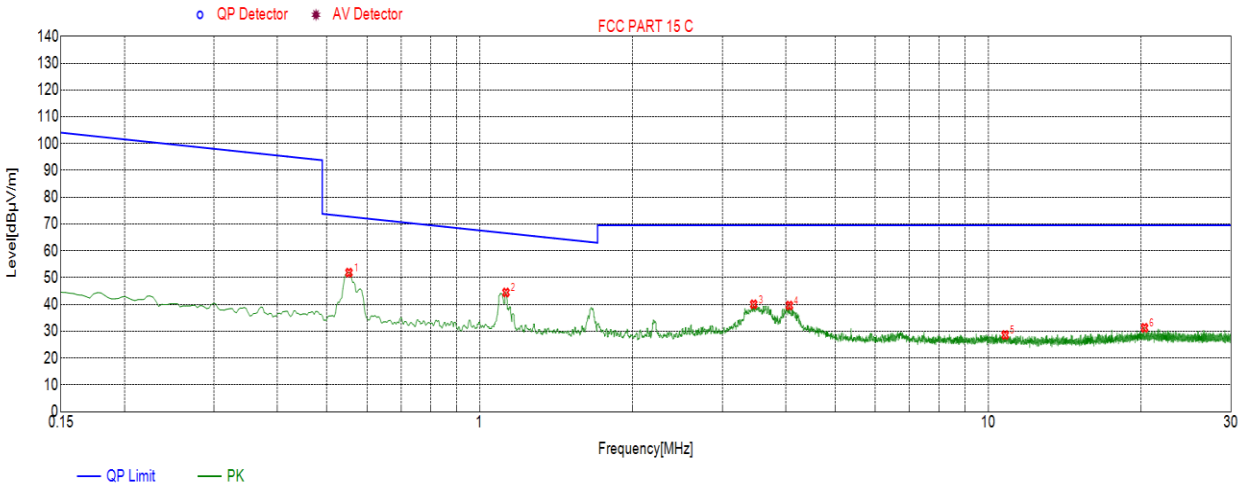
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0189	49.21	122.05	-72.84	Peak
2	0.0378	46.30	116.04	-69.74	Peak
3	0.0567	45.41	112.53	-67.12	Peak
4	0.0756	43.78	110.03	-66.25	Peak
5	0.0945	41.11	108.09	-66.98	Peak
6	0.1321	37.86	105.18	-67.32	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	0.5530	51.89	72.75	-20.86	Peak
2	1.1262	44.47	66.59	-22.12	Peak
3	3.4577	40.06	69.50	-29.44	Peak
4	4.0637	39.61	69.50	-29.89	Peak
5	10.7986	28.61	69.50	-40.89	Peak
6	20.3038	31.29	69.50	-38.21	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.

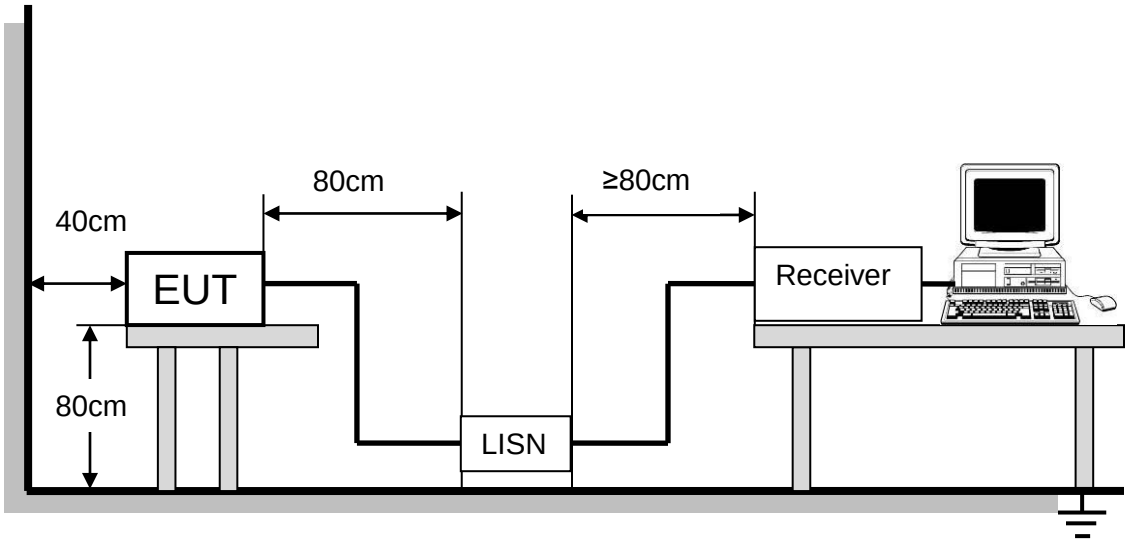
7. AC POWER LINE CONDUCTED EMISSIONS

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

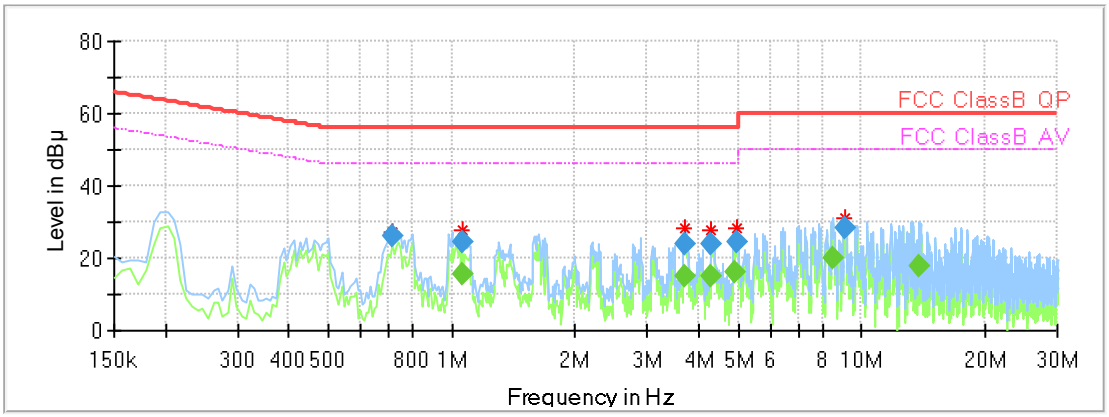


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) 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)

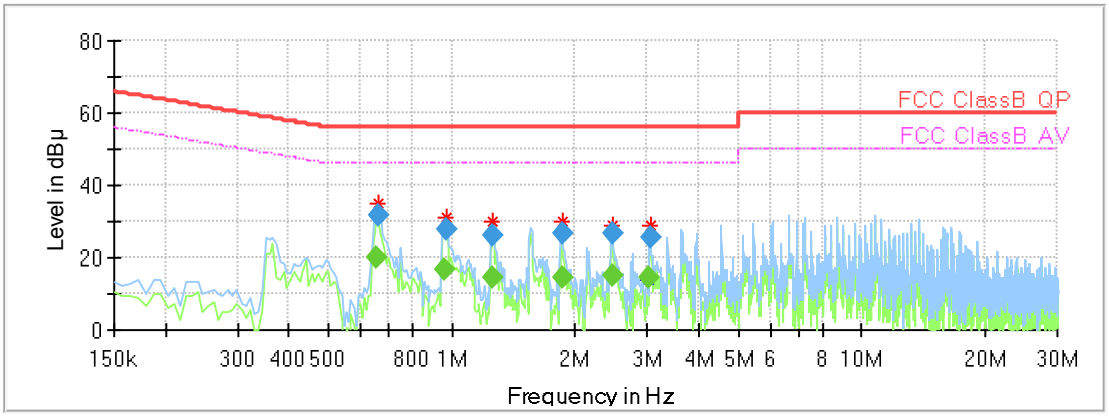
For L:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.717150	26.15	---	56.00	29.85	1000.0	9.000	L1	OFF	9.7
1.060425	---	15.40	46.00	30.60	1000.0	9.000	L1	OFF	9.7
1.060425	24.24	---	56.00	31.76	1000.0	9.000	L1	OFF	9.7
3.687225	---	15.18	46.00	30.82	1000.0	9.000	L1	OFF	9.8
3.694688	23.97	---	56.00	32.03	1000.0	9.000	L1	OFF	9.8
4.291688	---	15.25	46.00	30.75	1000.0	9.000	L1	OFF	9.8
4.291688	23.89	---	56.00	32.11	1000.0	9.000	L1	OFF	9.8
4.918538	---	16.14	46.00	29.86	1000.0	9.000	L1	OFF	9.8
4.940925	24.60	---	56.00	31.40	1000.0	9.000	L1	OFF	9.8
8.493075	---	20.15	50.00	29.85	1000.0	9.000	L1	OFF	10.0
9.097538	28.15	---	60.00	31.85	1000.0	9.000	L1	OFF	10.0
13.881000	---	17.76	50.00	32.24	1000.0	9.000	L1	OFF	10.0

For N:



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.657450	---	19.96	46.00	26.04	1000.0	9.000	N	OFF	9.4
0.664913	31.42	---	56.00	24.58	1000.0	9.000	N	OFF	9.4
0.955950	---	16.42	46.00	29.58	1000.0	9.000	N	OFF	9.4
0.970875	27.67	---	56.00	28.33	1000.0	9.000	N	OFF	9.4
1.261913	---	14.42	46.00	31.58	1000.0	9.000	N	OFF	9.4
1.261913	25.93	---	56.00	30.07	1000.0	9.000	N	OFF	9.4
1.858913	26.40	---	56.00	29.60	1000.0	9.000	N	OFF	9.4
1.858913	---	14.28	46.00	31.72	1000.0	9.000	N	OFF	9.4
2.455913	26.92	---	56.00	29.08	1000.0	9.000	N	OFF	9.4
2.463375	---	15.18	46.00	30.82	1000.0	9.000	N	OFF	9.4
3.037988	---	14.34	46.00	31.66	1000.0	9.000	N	OFF	9.5
3.052913	25.40	---	56.00	30.60	1000.0	9.000	N	OFF	9.5

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