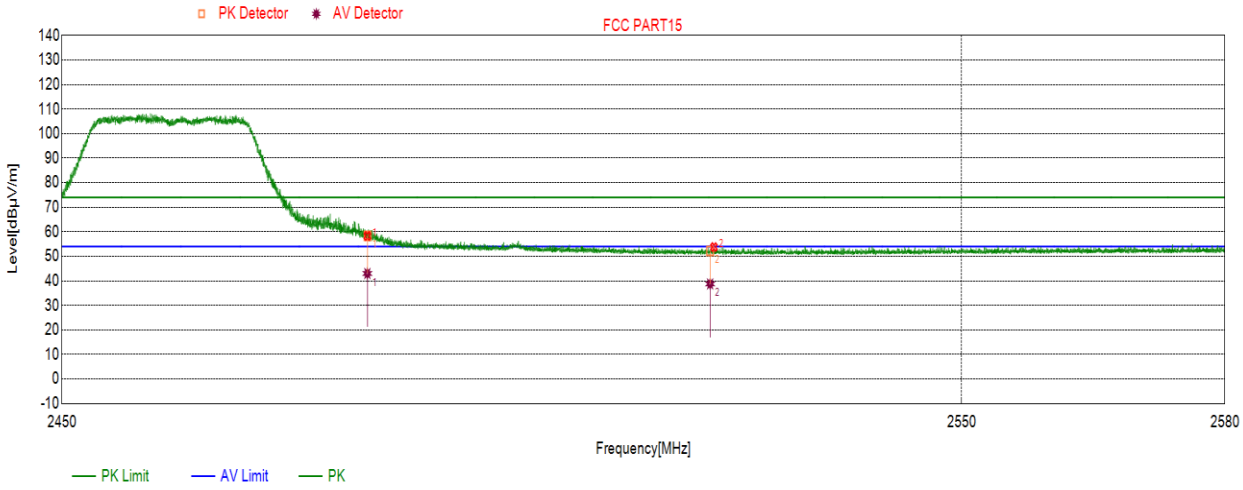
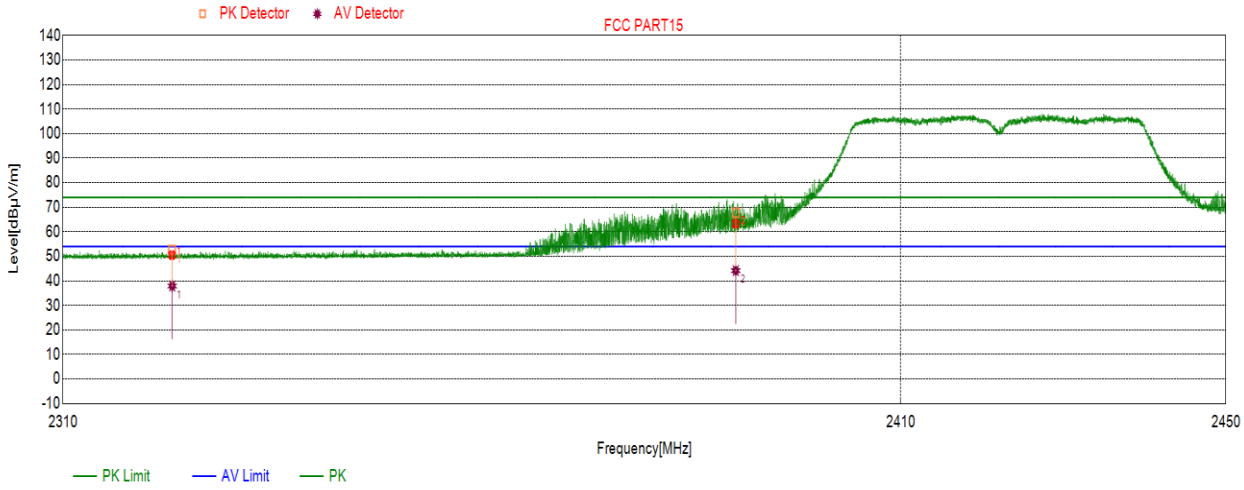
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	58.26	74.00	-15.74	peak
	2483.500	43.01	54.00	-10.99	average
2	2521.6378	52.10	74.00	-21.90	peak
	2521.6378	38.75	54.00	-15.25	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

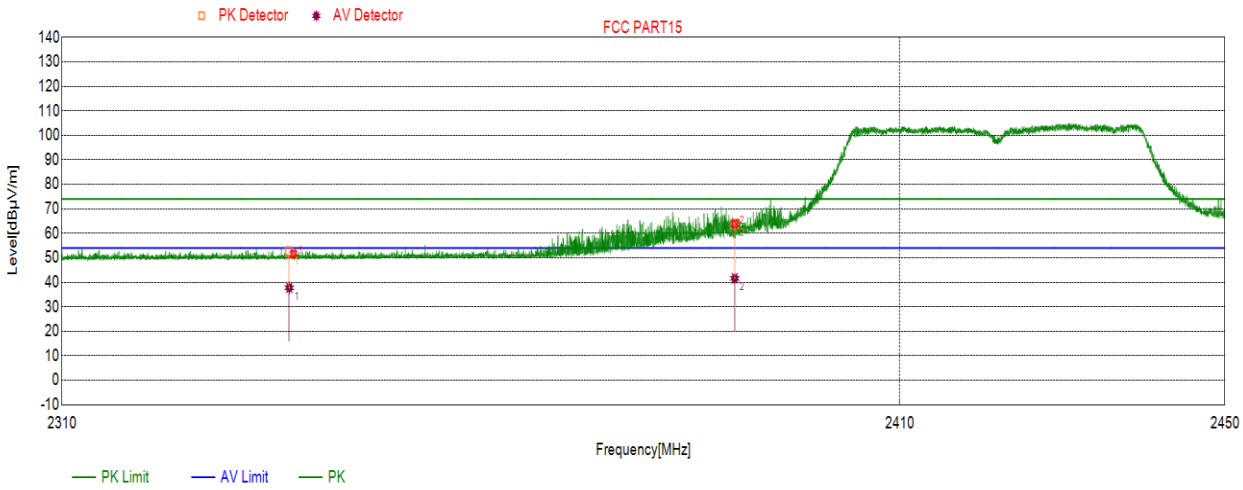
Test Mode	Channel	Polarization	Verdict
11N40MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2322.8160	52.39	74.00	-21.61	peak
	2356.0896	37.90	54.00	-16.10	average
2	2390.000	67.55	74.00	-6.45	peak
	2390.000	44.18	54.00	-9.82	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

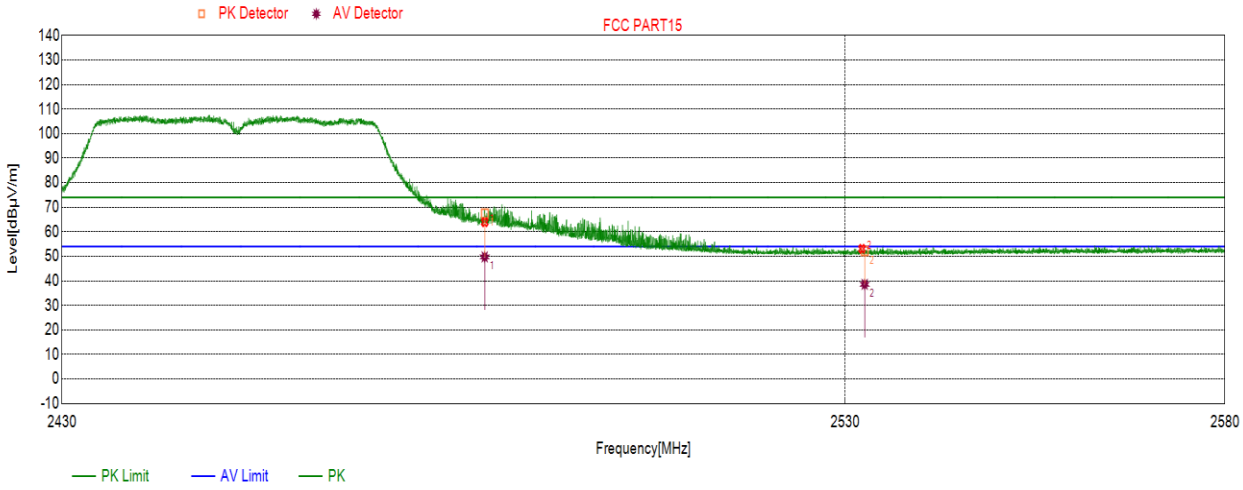
Test Mode	Channel	Polarization	Verdict
11N40MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2336.7334	52.39	74.00	-21.61	peak
	2336.7334	37.77	54.00	-16.23	average
2	2390.000	63.72	74.00	-10.28	peak
	2390.000	41.59	54.00	-12.41	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

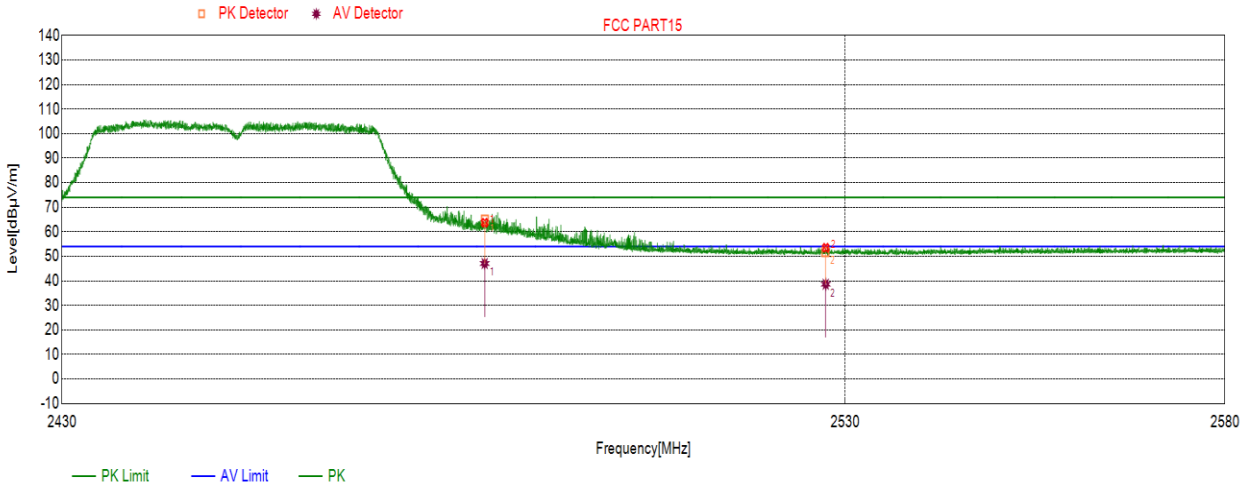
Test Mode	Channel	Polarization	Verdict
11N40MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	67.27	74.00	-6.73	peak
	2483.500	49.77	54.00	-4.23	average
2	2532.5869	52.00	74.00	-22.00	peak
	2532.5869	38.59	54.00	-15.41	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

Test Mode	Channel	Polarization	Verdict
11N40MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	64.94	74.00	-9.06	peak
	2483.500	47.08	54.00	-6.92	average
2	2527.5176	51.75	74.00	-22.25	peak
	2527.5176	38.64	54.00	-15.36	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

6.6.3. SPURIOUS EMISSIONS

Test Result Table:

1) For 9KHz-30MHz (worst case)

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1+2	LCH	<Limit	PASS

Remark: Pre-testing all test modes, both antennas and even test channels, but only the data of worst case is included in this test report.

2) For 30MHz-1GHz (worst case)

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1+2	LCH	<Limit	PASS

Remark: Pre-testing all test modes, both antennas and even test channels, but only the data of worst case is included in this test report.

3) For 1GHz-18GHz

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1+2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna 1+2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna 1+2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40MIMO	Antenna 1+2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Remark: The antenna1 and antenna2 can transmit at the same time during work at 802.11B & 802.11G & 802.11N20 & 802.11N40 mode, and the PCL of the SISO and MIMO are the same, so the data of the MIMO mode is worse case, so only the data of worse case is shown in the test report.

4) For 18GHz-26.5GHz

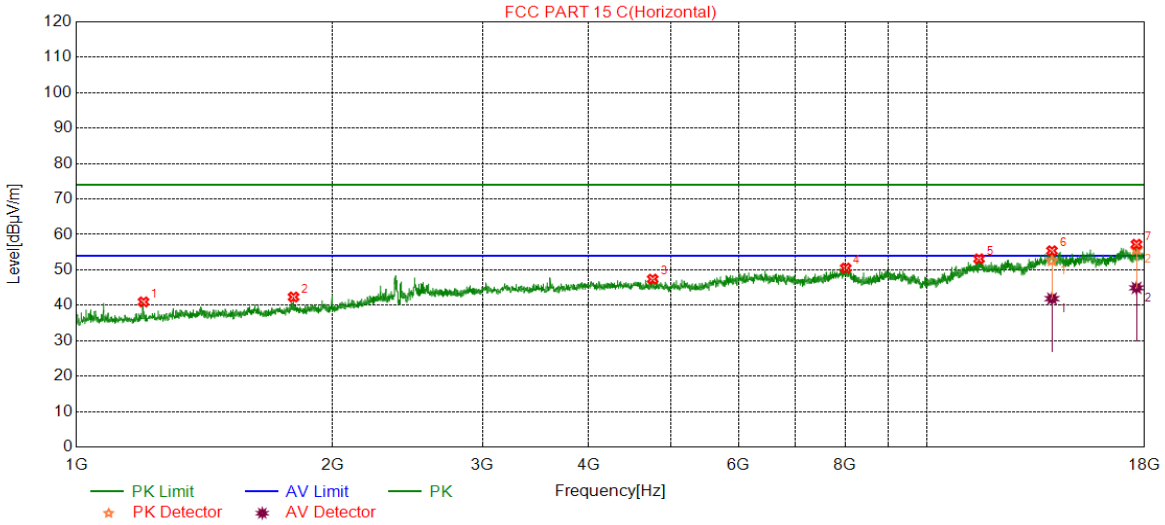
Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1+2	LMCH	<Limit	PASS

Remark: Pre-testing all test modes, both antennas and even test channels, but only the data of worst case is included in this test report.

6.6.4. SPURIOUS EMISSIONS 1GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS(WORSE CASE)

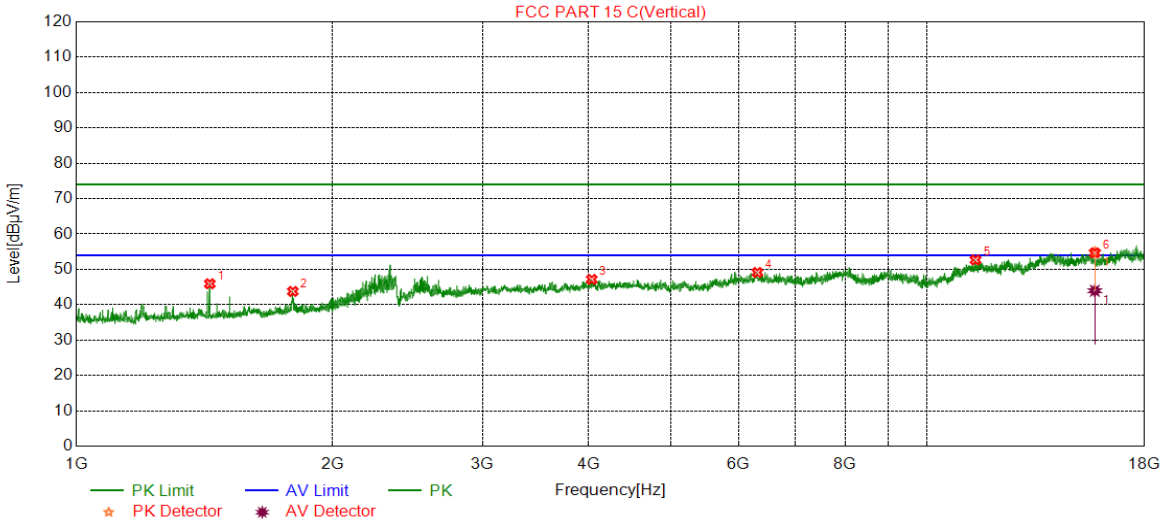
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1199.3998	40.96	74.00	-33.04	54.00	-13.04	peak
2	1799.5999	42.34	74.00	-31.66	54.00	-11.66	peak
3	4755.2925	47.39	74.00	-26.61	54.00	-6.61	peak
4	8018.3364	50.49	74.00	-23.51	54.00	-3.51	peak
5	11501.4169	53.11	74.00	-20.89	54.00	-0.89	peak
6	14009.3349	52.54	74.00	-21.46	54.00	-1.46	peak
7	14009.3337	41.88	74.00	-32.12	54.00	-12.12	average
8	17609.9350	55.72	74.00	-18.28	54.00	1.72	peak
9	17609.9341	44.92	74.00	-29.08	54.00	-9.08	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

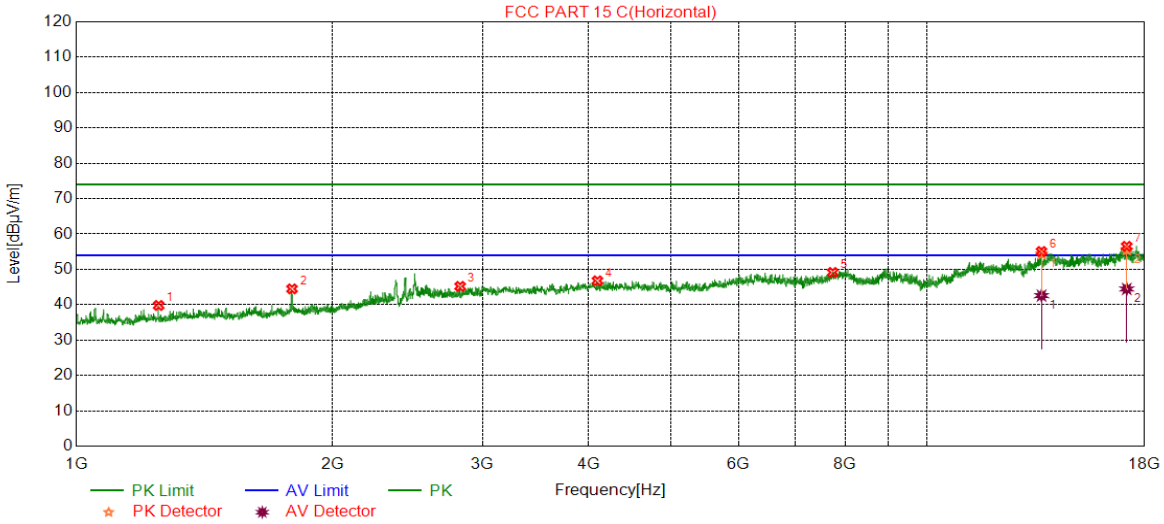
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1434.8116	45.93	74.00	-28.07	54	-8.07	peak
2	1796.2654	43.76	74.00	-30.24	54	-10.24	peak
3	4032.6721	47.16	74.00	-26.84	54	-6.84	peak
4	6313.0522	49.12	74.00	-24.88	54	-4.88	peak
5	11391.3986	52.67	74.00	-21.33	54	-1.33	peak
6	15732.1220	54.80	74.00	-19.20	54	0.80	peak
7	15732.1227	17.08	74.00	-30.04	54	-10.04	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

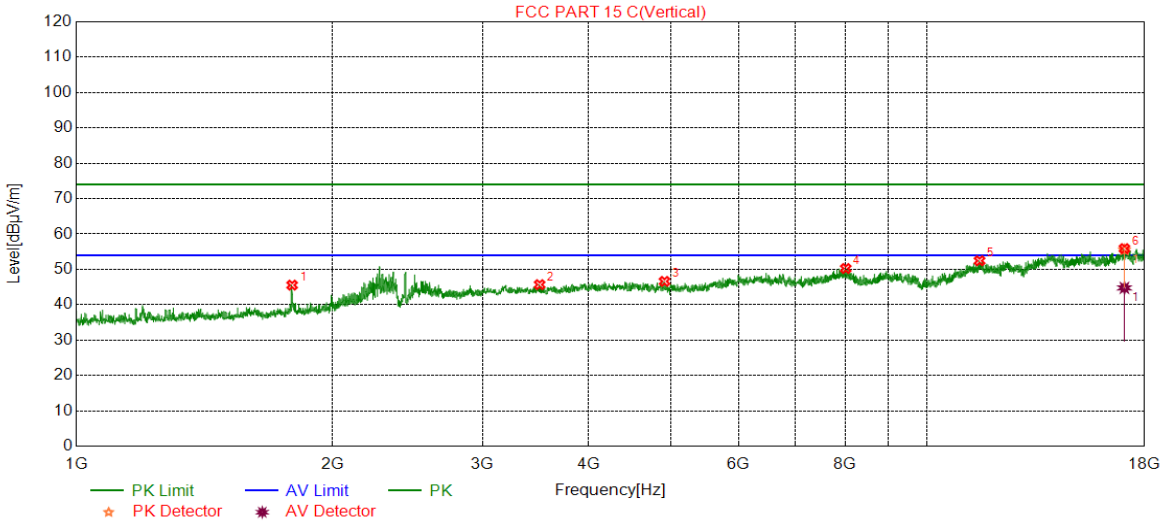
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1249.4165	39.79	74	-34.21	54	-14.21	peak
2	1792.2641	44.48	74	-29.52	54	-9.52	peak
3	2824.6082	45.19	74	-28.81	54	-8.81	peak
4	4095.1825	46.76	74	-27.24	54	-7.24	peak
5	7740.7901	49.13	74	-24.87	54	-4.87	peak
6	13619.2699	54.39	74	-19.61	54	0.39	peak
7	13619.2672	42.58	74	-31.42	54	-11.42	average
8	17149.8583	55.45	74	-18.55	54	1.45	peak
9	17149.8548	44.45	74	-29.55	54.00	-9.55	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

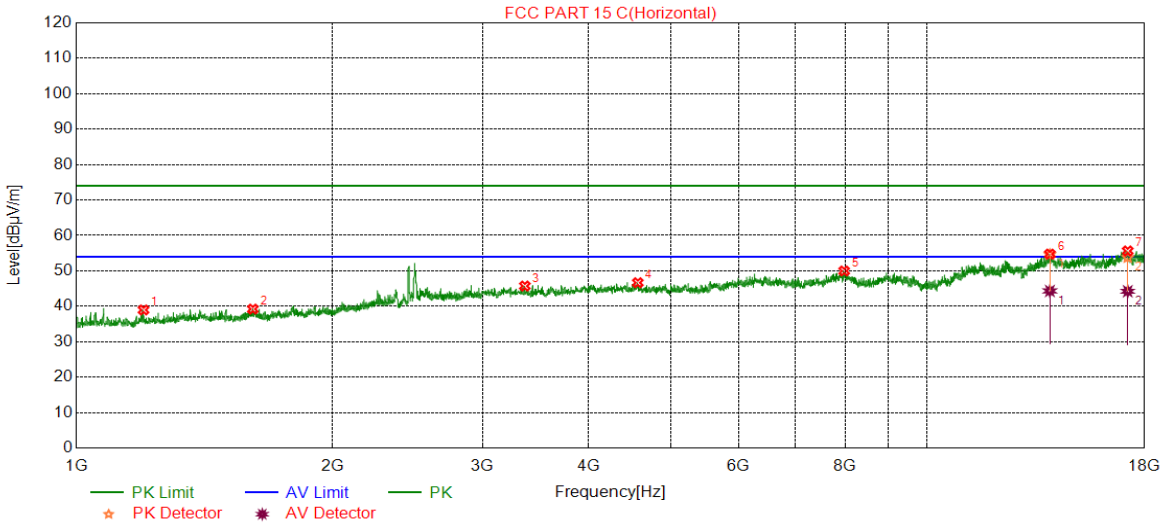
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1792.931	45.54	74	-28.46	54	-8.46	peak
2	3502.5838	45.68	74	-28.32	54	-8.32	peak
3	4910.3184	46.6	74	-27.4	54	-7.4	peak
4	8018.3364	50.24	74	-23.76	54	-3.76	peak
5	11516.4194	52.43	74	-21.57	54	-1.57	peak
6	17042.3404	55.50	74	-18.50	54	1.50	peak
7	17042.3421	44.76	74	-29.24	54	-9.24	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

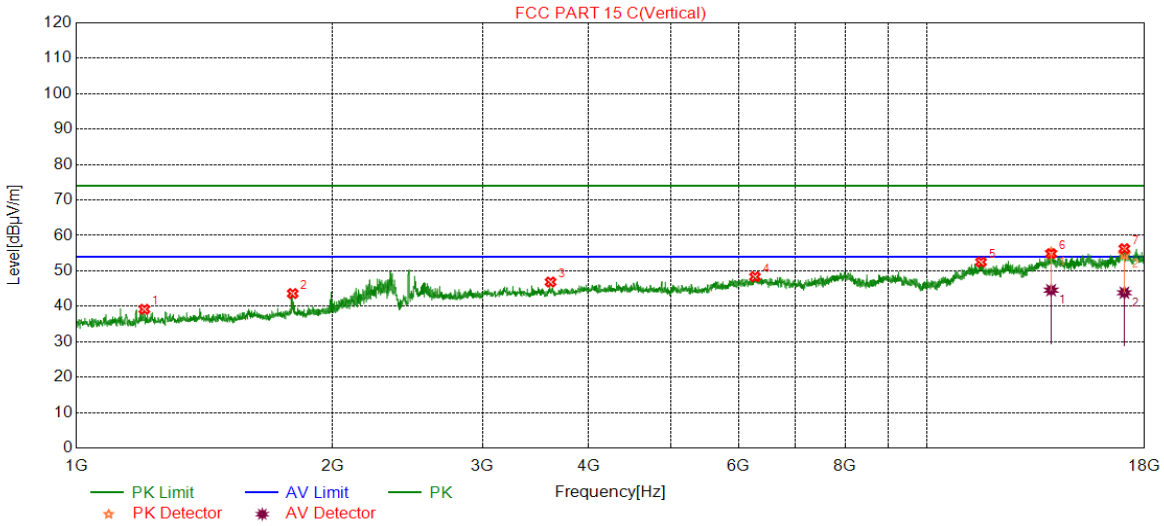
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1199.3998	38.97	74	-35.03	54	-15.03	peak
2	1612.2041	39.21	74	-34.79	54	-14.79	peak
3	3365.0608	45.72	74	-28.28	54	-8.28	peak
4	4567.7613	46.66	74	-27.34	54	-7.34	peak
5	7983.3306	49.97	74	-24.03	54	-4.03	peak
6	13929.3218	54.62	74	-19.38	54	0.62	peak
7	13929.3216	44.33	74	-29.67	54	-9.67	average
8	17194.8658	53.76	74	-20.24	54	-0.24	peak
9	17194.8643	44.24	74	-29.76	54	-9.76	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

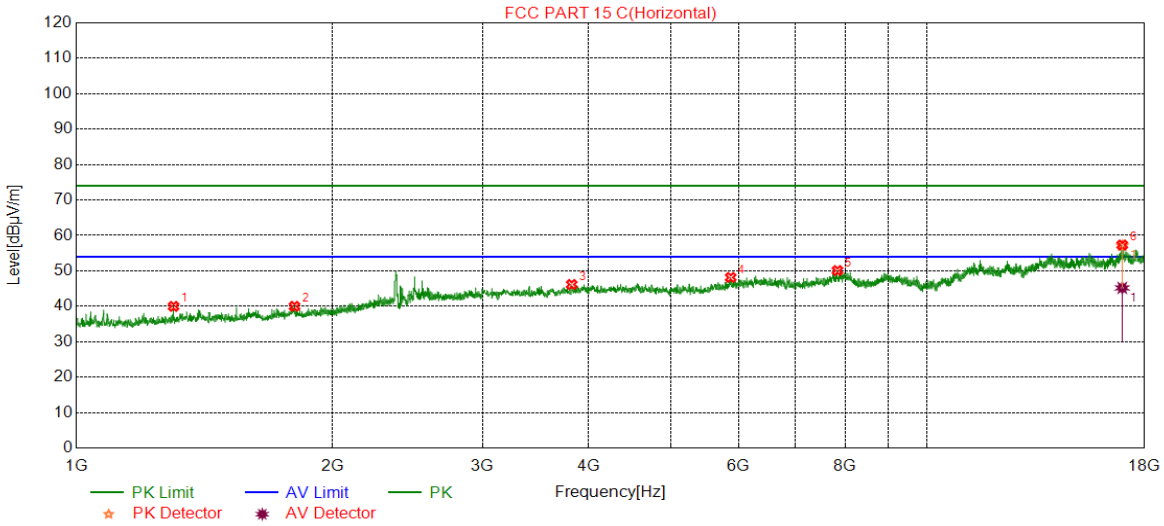
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1202.0674	39.16	74	-34.84	54	-14.84	peak
2	1795.5985	43.6	74	-30.4	54	-10.4	peak
3	3607.6013	46.85	74	-27.15	54	-7.15	peak
4	6273.0455	48.34	74	-25.66	54	-5.66	peak
5	11561.4269	52.48	74	-21.52	54	-1.52	peak
6	13976.8295	55.12	74	-18.88	54	1.12	peak
7	13976.8291	44.55	74	-29.45	54	-9.45	average
8	17039.8400	54.65	74	-19.35	54	1.65	peak
9	17039.8409	43.83	74	-30.17	54	-10.17	average

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. For average power measurement, set the VBW to Minimum VBW=10 Hz.

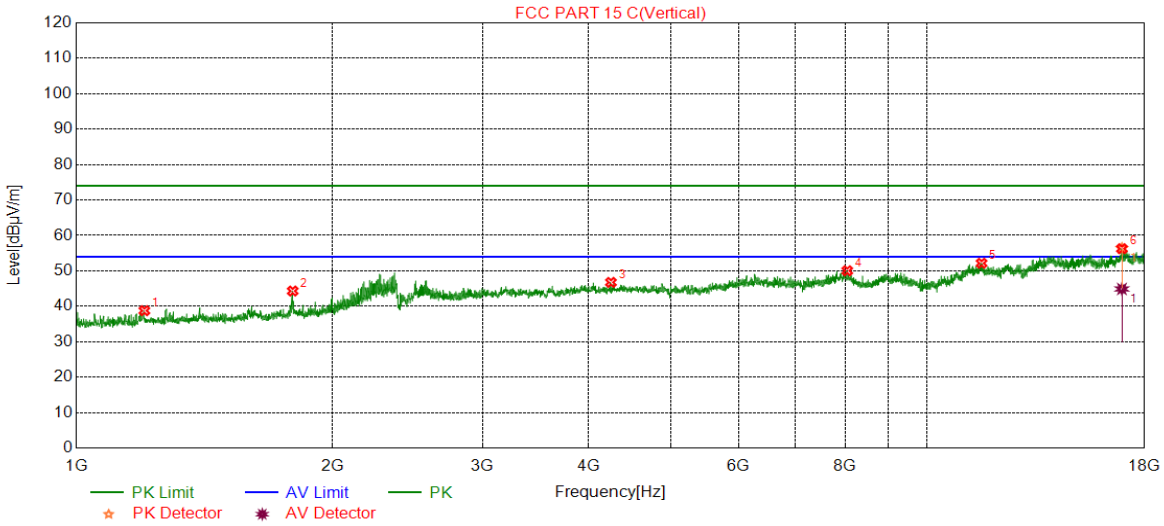
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1300.7669	39.98	74	-34.02	54	-14.02	peak
2	1804.2681	39.99	74	-34.01	54	-14.01	peak
3	3820.1367	46.15	74	-27.85	54	-7.85	peak
4	5872.9788	48.14	74	-25.86	54	-5.86	peak
5	7840.8068	50.09	74	-23.91	54	-3.91	peak
6	16942.3237	57.09	74	-16.91	54	3.09	peak
7	16942.3239	45.19	74	-28.81	54	-8.81	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

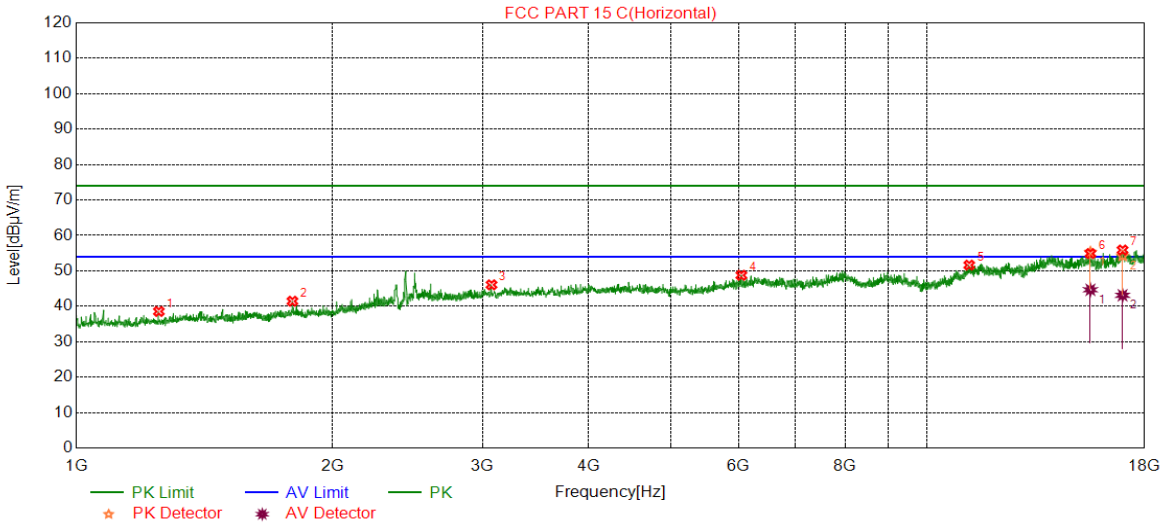
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1202.0674	38.76	74	-35.24	54	-15.24	peak
2	1795.5985	44.31	74	-29.69	54	-9.69	peak
3	4247.708	46.75	74	-27.25	54	-7.25	peak
4	8050.8418	50.03	74	-23.97	54	-3.97	peak
5	11578.9298	52.15	74	-21.85	54	-1.85	peak
6	16927.3212	56.36	74	-17.64	54	2.36	peak
7	16927.3224	44.89	74	-29.11	54	-9.11	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

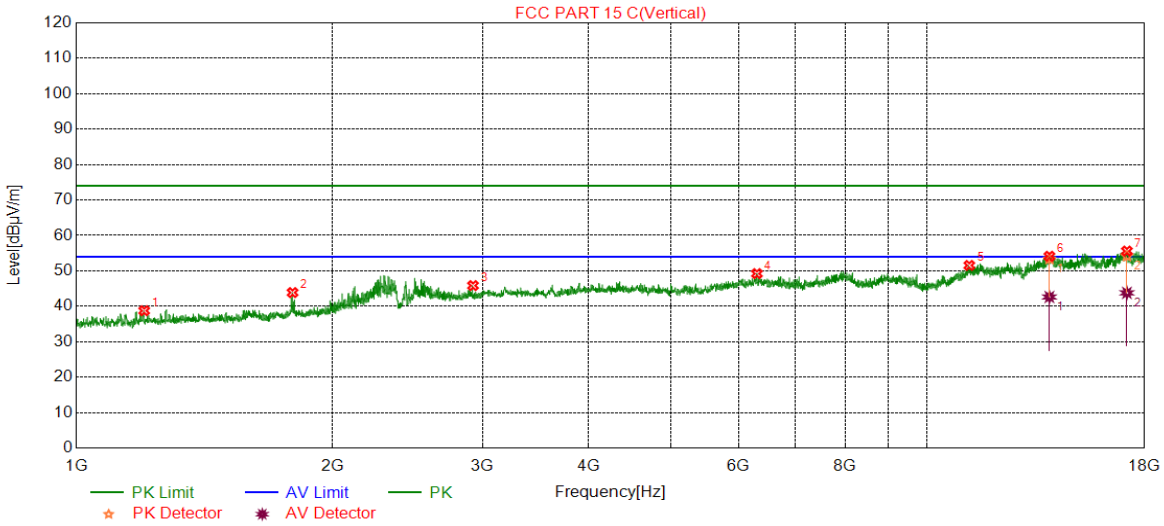
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1250.0834	38.54	74	-35.46	54	-15.46	peak
2	1794.2648	41.43	74	-32.57	54	-12.57	peak
3	3075.0125	46.06	74	-27.94	54	-7.94	peak
4	6045.5076	48.76	74	-25.24	54	-5.24	peak
5	11198.8665	51.63	74	-22.37	54	-2.37	peak
6	15544.5908	55.29	74	-18.71	54	1.29	peak
7	15544.5912	44.66	74	-29.34	54	-9.34	average
8	16957.3262	54.23	74	-18.71	54	0.23	peak
9	16957.3279	43.11	74	-30.89	54	-10.89	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

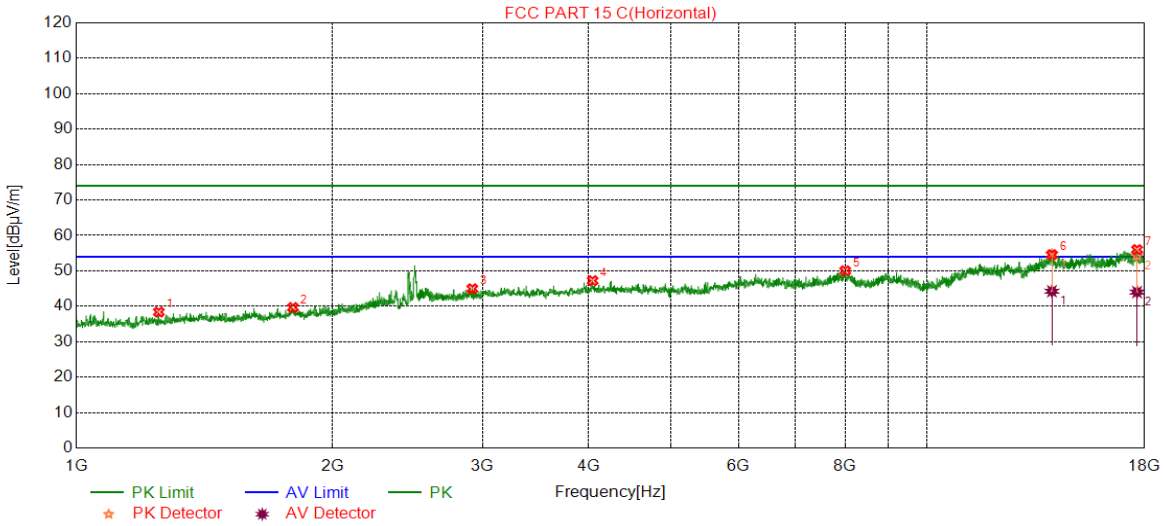
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1201.4005	38.75	74	-35.25	54	-15.25	peak
2	1794.9316	43.87	74	-30.13	54	-10.13	peak
3	2924.6415	45.84	74	-28.16	54	-8.16	peak
4	6305.5509	49.22	74	-24.78	54	-4.78	peak
5	11201.3669	51.54	74	-22.46	54	-2.46	peak
6	13911.8201	53.37	74	-20.63	54	-0.63	peak
7	13911.8186	42.63	74	-31.37	54	-11.37	average
8	17157.3596	54.15	74	-19.85	54	0.15	peak
9	17157.3558	43.78	74	-30.22	54	-10.22	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

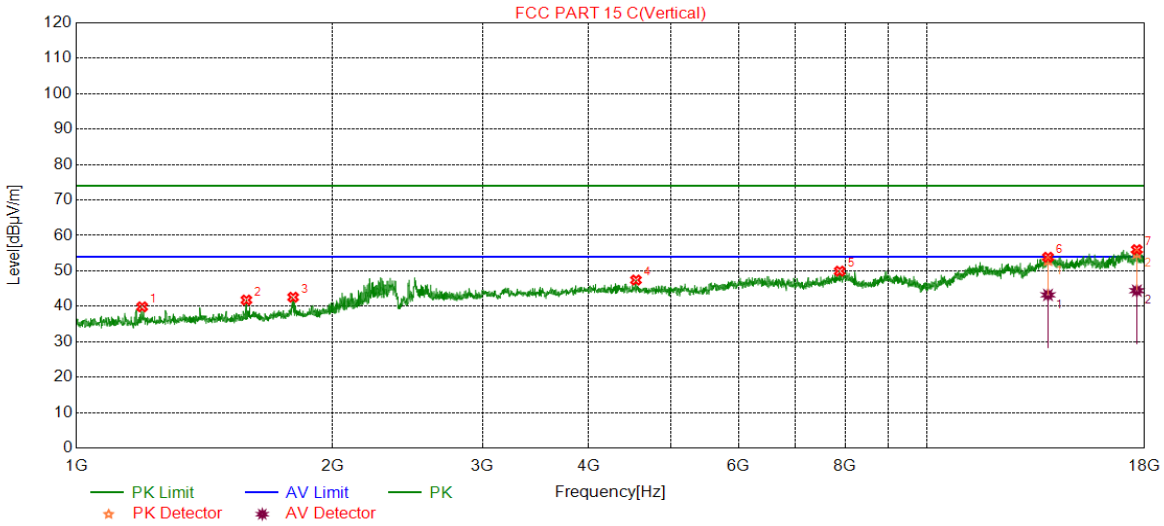
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1250.0834	38.37	74	-35.63	54	-15.63	peak
2	1796.9323	39.66	74	-34.34	54	-14.34	peak
3	2919.3064	44.94	74	-29.06	54	-9.06	peak
4	4042.6738	47.23	74	-26.77	54	-6.77	peak
5	8005.8343	50.03	74	-23.97	54	-3.97	peak
6	14006.8348	54.65	74	-19.35	54	0.65	peak
7	14006.8344	44.25	74	-29.75	54	-9.75	average
8	17634.9392	54.29	74	0.29	54	-19.71	peak
9	17634.9375	44.00	74	-30	54	-10.00	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

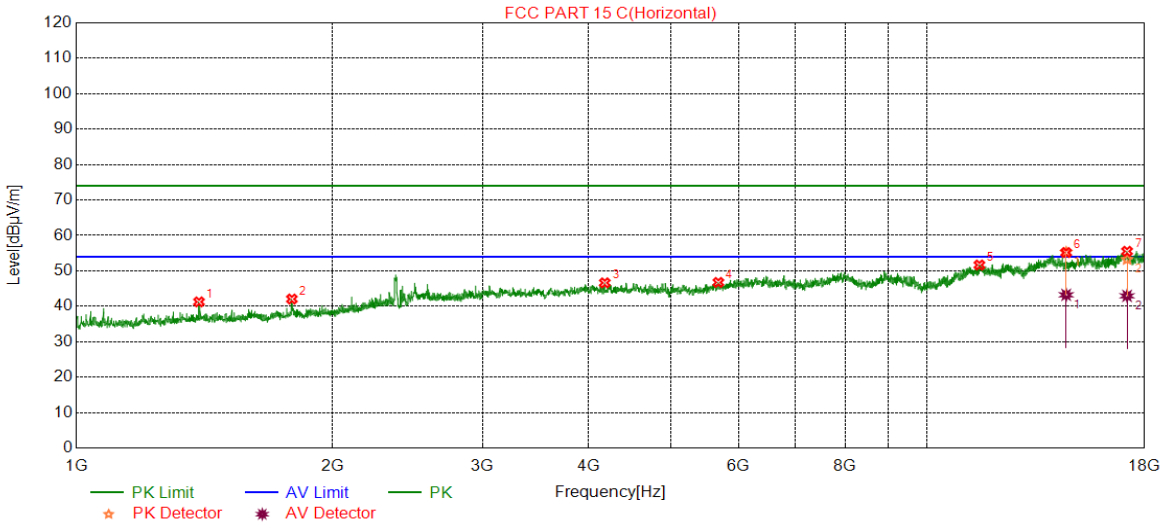
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1194.7316	39.85	74	-34.15	54	-14.15	peak
2	1584.1947	41.77	74	-32.23	54	-12.23	peak
3	1797.5992	42.57	74	-31.43	54	-11.43	peak
4	4545.2575	47.41	74	-26.59	54	-6.59	peak
5	7888.3147	49.92	74	-24.08	54	-4.08	peak
6	13859.3099	52.87	74	-21.13	54	-1.13	peak
7	13859.3105	43.22	74	-30.78	54	-10.78	average
8	17624.9375	54.87	74	-19.13	54	0.87	peak
9	17624.9334	44.41	74	-29.59	54	-9.59	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

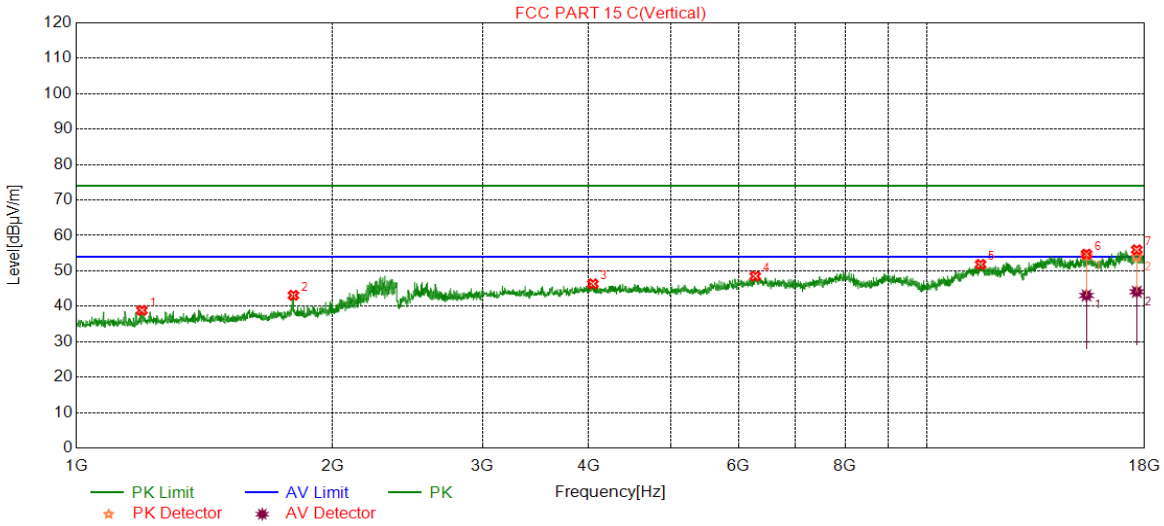
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1393.4645	41.25	74	-32.75	54	-12.75	peak
2	1791.5972	42.05	74	-31.95	54	-11.95	peak
3	4177.6963	46.62	74	-27.38	54	-7.38	peak
4	5680.4467	46.74	74	-27.26	54	-7.26	peak
5	11511.4186	51.65	74	-22.35	54	-2.35	peak
6	14556.9262	55.23	74	-18.77	54	1.23	peak
7	14556.9267	43.23	74	-30.77	54	-10.77	average
8	17164.8608	53.23	74	-20.77	54	-0.77	peak
9	17164.8619	42.95	74	-31.05	54	-11.05	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

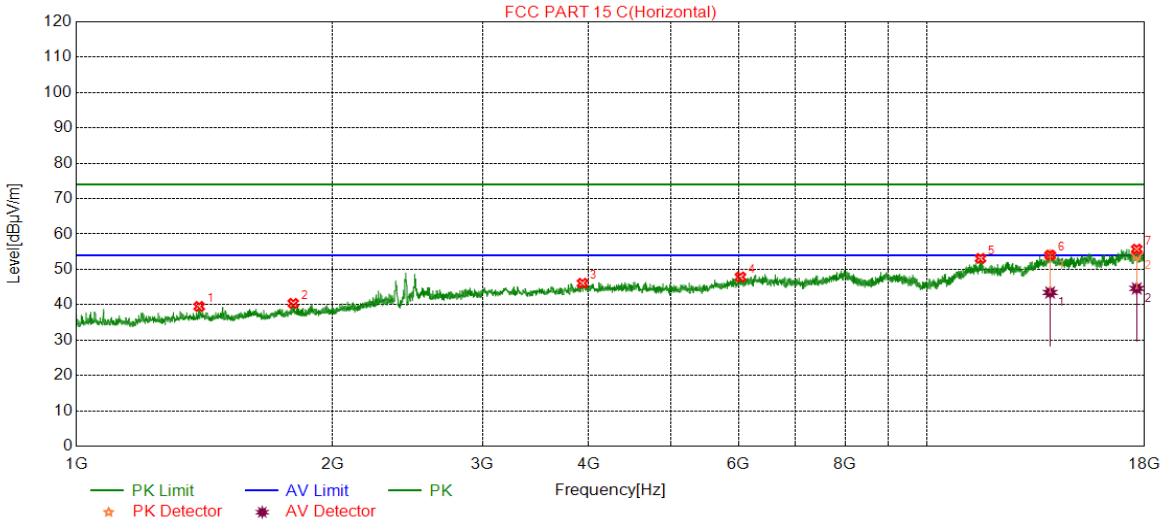
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1194.0647	38.85	74	-35.15	54	-15.15	peak
2	1798.933	43.11	74	-30.89	54	-10.89	peak
3	4045.1742	46.34	74	-27.66	54	-7.66	peak
4	6275.5459	48.49	74	-25.51	54	-5.51	peak
5	11548.9248	51.82	74	-22.18	54	-2.18	peak
6	15379.5633	54.28	74	-19.72	54	0.28	peak
7	15379.5639	43.06	74	-30.94	54	-10.94	average
8	17622.4371	53.93	74	-20.07	54	-0.07	peak
9	17622.4354	44.10	74	-29.90	54	-9.90	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

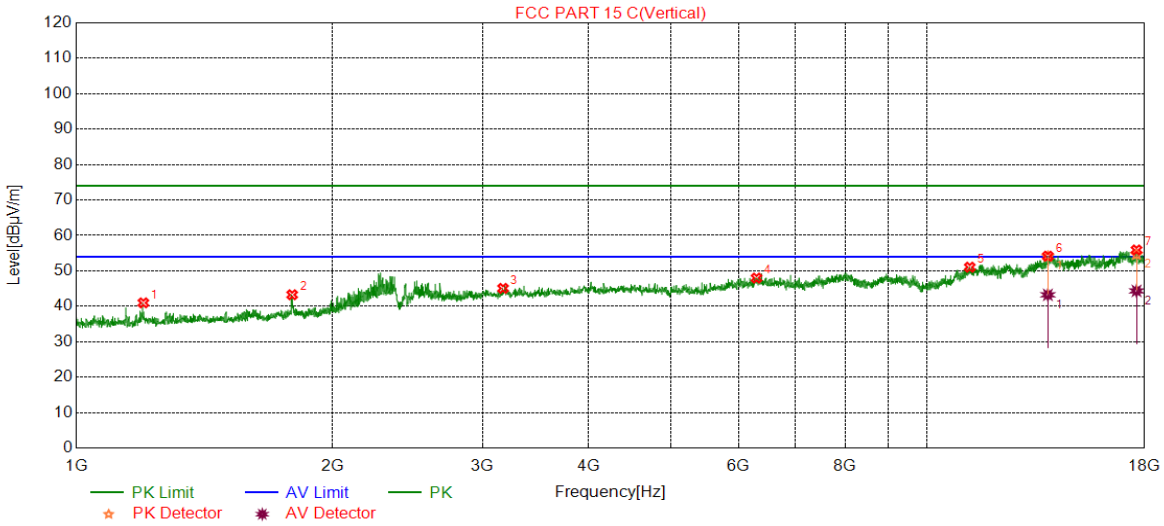
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1394.1314	39.5	74	-34.50	54	-14.5	peak
2	1798.2661	40.38	74	-33.62	54	-13.62	peak
3	3932.6554	46.07	74	-27.93	54	-7.93	peak
4	6030.5051	47.85	74	-26.15	54	-6.15	peak
5	11546.4244	53.09	74	-20.91	54	-0.91	peak
6	13939.3232	53.98	74	-20.02	54	-0.02	peak
7	13939.3239	43.46	74	-30.54	54	-10.54	average
8	17619.9367	53.93	74	-20.07	54	-0.07	peak
9	17619.9352	44.60	74	-29.40	54	-9.40	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

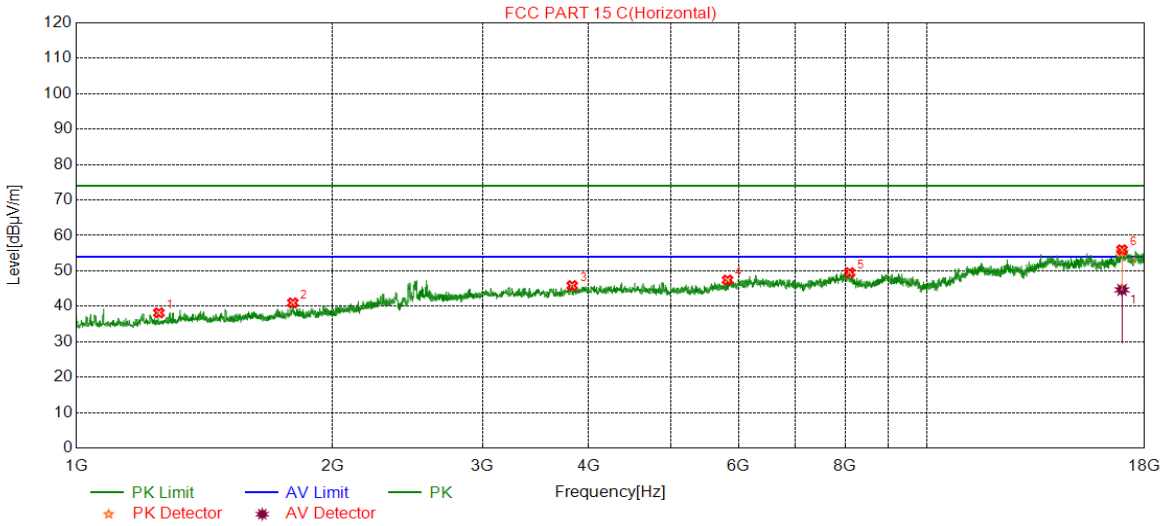
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1198.7329	40.97	74	-33.03	54	-13.03	peak
2	1792.931	43.26	74	-30.74	54	-10.74	peak
3	3172.5288	45.06	74	-28.94	54	-8.94	peak
4	6298.0497	47.97	74	-26.03	54	-6.03	peak
5	11216.3694	51.04	74	-22.96	54	-2.96	peak
6	13854.3091	54.05	74	-19.95	54	0.05	peak
7	13854.3098	43.24	74	-30.76	54	-10.76	average
8	17609.9350	54.61	74	-19.39	54	0.61	peak
9	17609.9328	44.35	74	-29.65	54	-9.65	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

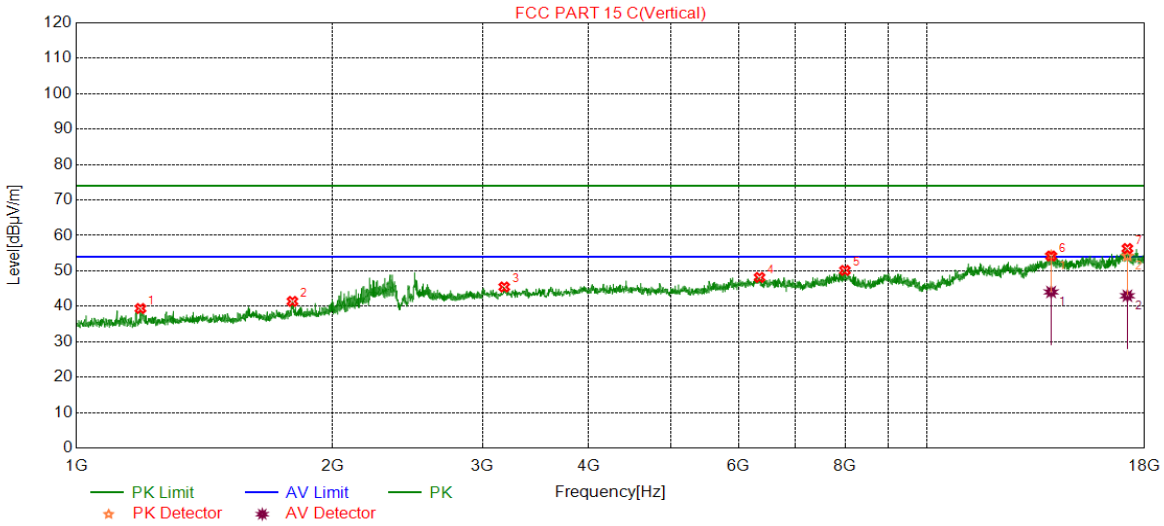
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1250.0834	38.16	74	-35.84	54	-15.84	peak
2	1796.2654	40.97	74	-33.03	54	-13.03	peak
3	3825.1375	45.84	74	-28.16	54	-8.16	peak
4	5822.9705	47.42	74	-26.58	54	-6.58	peak
5	8103.3506	49.5	74	-24.5	54	-4.5	peak
6	16932.3221	55.34	74	-18.66	54	1.34	peak
7	16932.3206	44.64	74	-29.36	54	-9.36	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

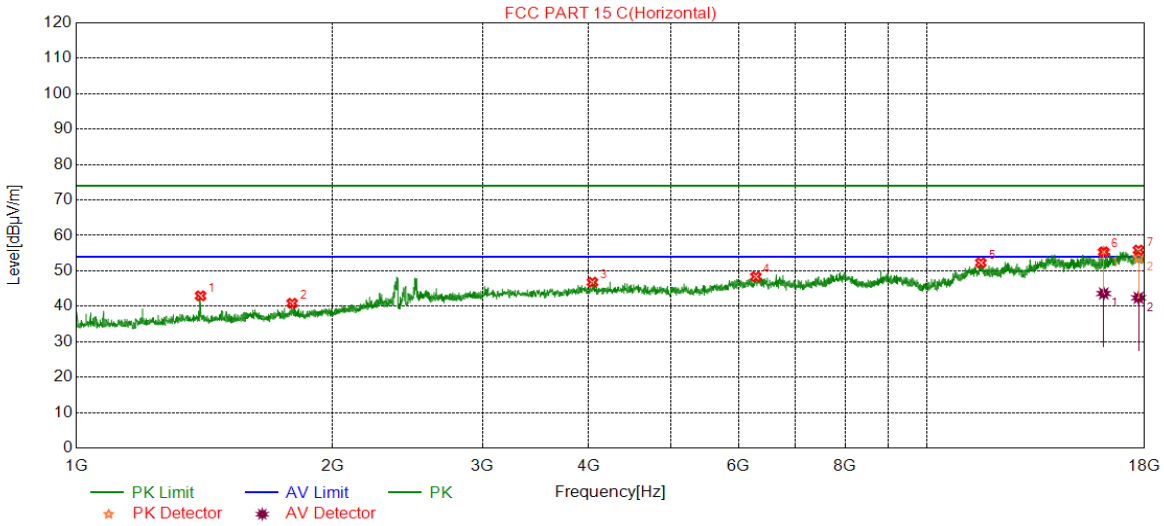
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1189.3965	39.38	74	-34.62	54	-14.62	peak
2	1794.2648	41.38	74	-32.62	54	-12.62	peak
3	3182.5304	45.46	74	-28.54	54	-8.54	peak
4	6350.5584	48.14	74	-25.86	54	-5.86	peak
5	8000.8335	50.13	74	-23.87	54	-3.87	peak
6	13976.8295	54.25	74	-19.75	54	0.25	peak
7	13976.8302	44.04	74	-29.96	54	-9.96	average
8	17179.8633	54.19	74	-19.81	54	0.19	peak
9	17179.8601	42.98	74	-31.02	54	-11.02	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

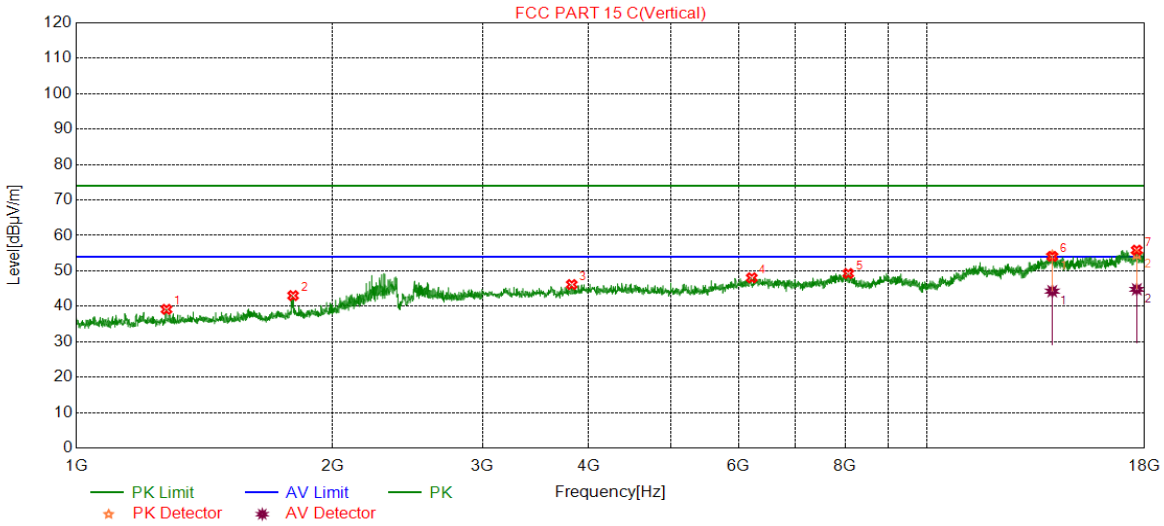
Test Mode	Channel	Polarization	Verdict
11N40MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1399.4665	42.96	74	-31.04	54	-11.04	peak
2	1792.931	40.85	74	-33.15	54	-13.15	peak
3	4040.1734	46.79	74	-27.21	54	-7.21	peak
4	6288.048	48.35	74	-25.65	54	-5.65	peak
5	11556.4261	52.27	74	-21.73	54	-1.73	peak
6	16114.6858	55.37	74	-18.63	54	1.37	peak
7	16114.6873	43.61	74	-30.39	54	-10.39	average
8	17704.9508	53.79	74	-20.21	54	-0.21	peak
9	17704.9542	42.40	74	-31.60	54	-11.60	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

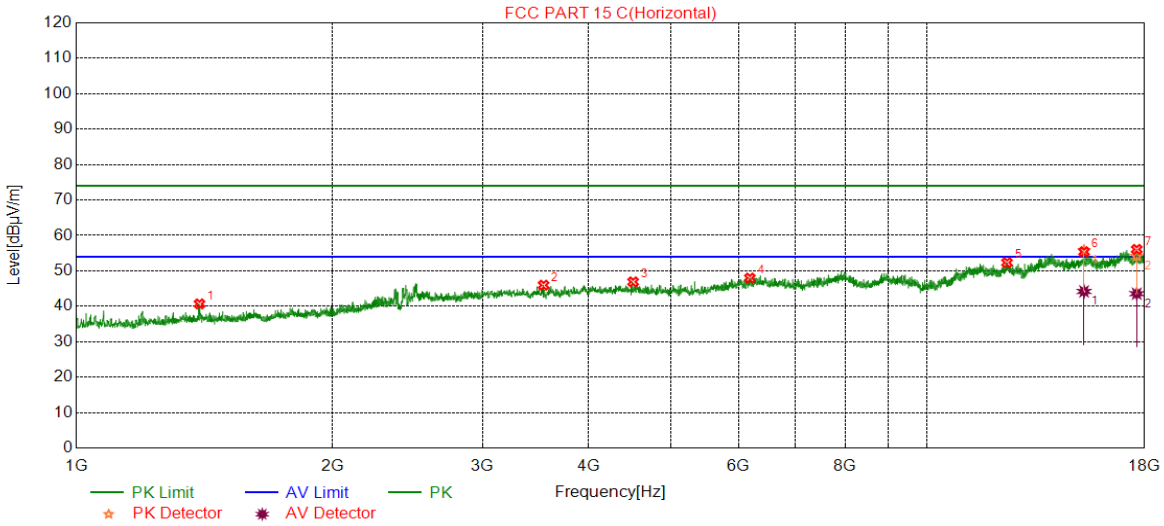
Test Mode	Channel	Polarization	Verdict
11N40MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1276.092	39.14	74	-34.86	54	-14.86	peak
2	1797.5992	43.02	74	-30.98	54	-10.98	peak
3	3820.1367	46.14	74	-27.86	54	-7.86	peak
4	6218.0363	48.04	74	-25.96	54	-5.96	peak
5	8073.3456	49.26	74	-24.74	54	-4.74	peak
6	14019.3362	54.23	74	-19.77	54	0.23	peak
7	14019.3366	44.27	74	-29.73	54	-9.73	average
8	17622.4371	54.63	74	-19.37	54	0.63	peak
9	17622.4325	44.79	74	-29.21	54	-9.21	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

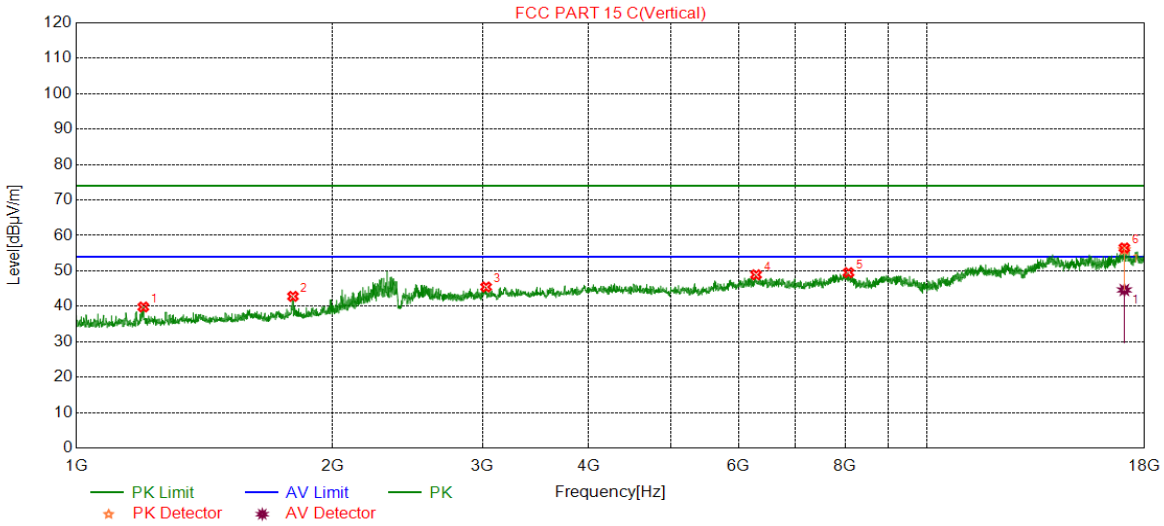
Test Mode	Channel	Polarization	Verdict
11N40MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1395.4652	40.68	74	-33.32	54	-13.32	peak
2	3540.09	45.96	74	-28.04	54	-8.04	peak
3	4510.2517	46.9	74	-27.1	54	-7.1	peak
4	6185.5309	47.96	74	-26.04	54	-6.04	peak
5	12404.0673	52.32	74	-21.68	54	-1.68	peak
6	15279.5466	55.77	74	-18.23	54	1.77	peak
7	15279.5471	44.19	74	-29.81	54	-9.81	average
8	17619.9367	54.15	74	-19.85	54	0.15	peak
9	17619.9372	43.56	74	-30.44	54	-10.44	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

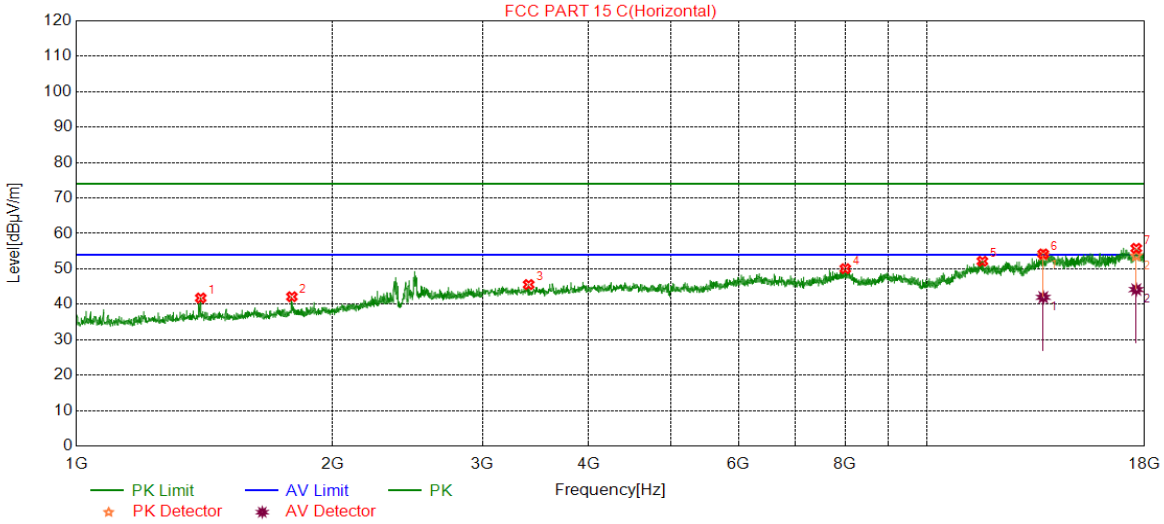
Test Mode	Channel	Polarization	Verdict
11N40MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1198.7329	39.81	74	-34.19	54	-14.19	peak
2	1796.9323	42.8	74	-31.2	54	-11.2	peak
3	3030.005	45.46	74	-28.54	54	-8.54	peak
4	6290.5484	48.91	74	-25.09	54	-5.09	peak
5	8078.3464	49.51	74	-24.49	54	-4.49	peak
6	17039.8400	55.97	74	-18.03	54	1.97	peak
7	17039.8412	44.6	74	-29.4	54	-9.4	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

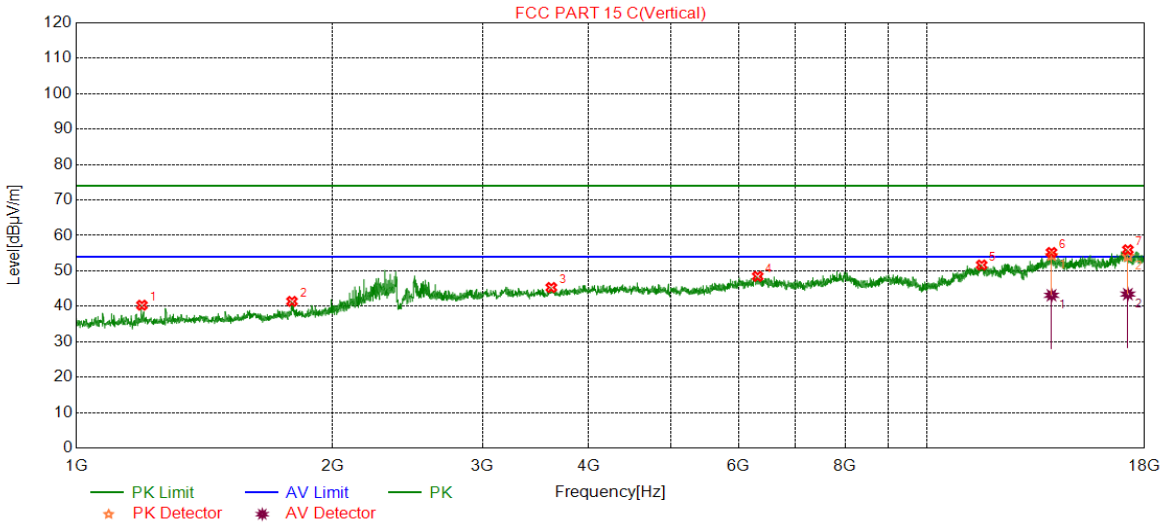
Test Mode	Channel	Polarization	Verdict
11N40MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1400.1334	41.77	74	-32.23	54	-12.23	peak
2	1791.5972	42.13	74	-31.87	54	-11.87	peak
3	3400.0667	45.57	74	-28.43	54	-8.43	peak
4	8008.3347	50.05	74	-23.95	54	-3.95	peak
5	11603.934	52.15	74	-21.85	54	-1.85	peak
6	13681.7811	53.84	74	-20.16	54	-0.16	peak
7	13681.7803	41.97	74	-32.03	54	-12.03	average
8	17597.4329	53.65	74	-20.35	54	-0.35	peak
9	17597.4315	44.16	74	-29.84	54	-9.84	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

Test Mode	Channel	Polarization	Verdict
11N40MIMO	HCH	Vertical	PASS



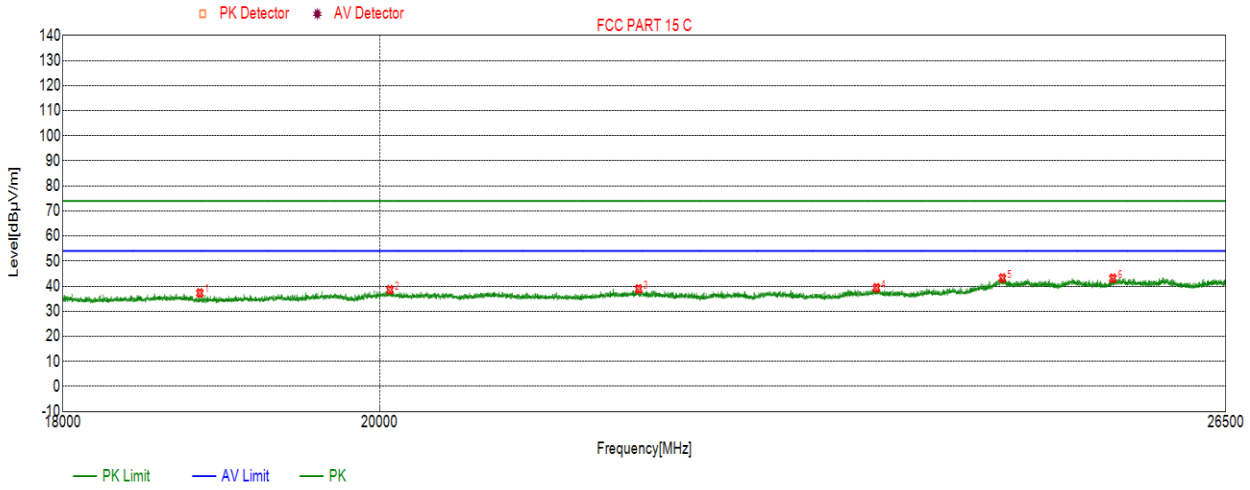
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	1194.0647	40.31	74	-33.69	54	-13.69	peak
2	1792.2641	41.39	74	-32.61	54	-12.61	peak
3	3615.1025	45.31	74	-28.69	54	-8.69	peak
4	6318.053	48.44	74	-25.56	54	-5.56	peak
5	11581.4302	51.66	74	-22.34	54	-2.34	peak
6	13991.832	54.33	74	-19.67	54	0.33	peak
7	13991.837	43.11	74	-30.89	54	-10.89	average
8	17202.3671	54.08	74	-19.67	54	0.08	peak
9	17202.3677	43.44	74	-30.56	54	-10.56	average

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. For average power measurement, set the VBW to Minimum VBW=1/T Hz.

6.6.5. SPURIOUS EMISSIONS 18G ~ 26GHz

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

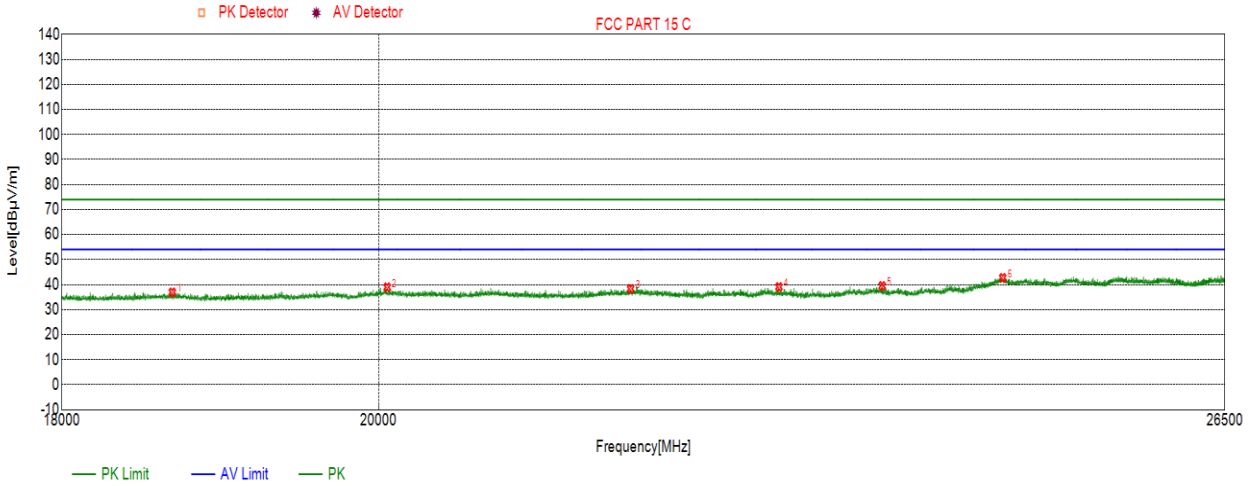
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18839.0339	37.24	74	-36.76	54	-16.76	peak
2	20068.2568	38.55	74	-35.45	54	-15.45	peak
3	21799.0299	38.85	74	-35.15	54	-15.15	peak
4	23593.5594	39.31	74	-34.69	54	-14.69	peak
5	24602.6103	43.21	74	-30.79	54	-10.79	peak
6	25523.2523	43.11	74	-30.89	54	-10.89	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. For average power measurement, set the VBW to Minimum VBW=10 Hz.
4. All the channels had been tested, but only the worst data were recorded in the report.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



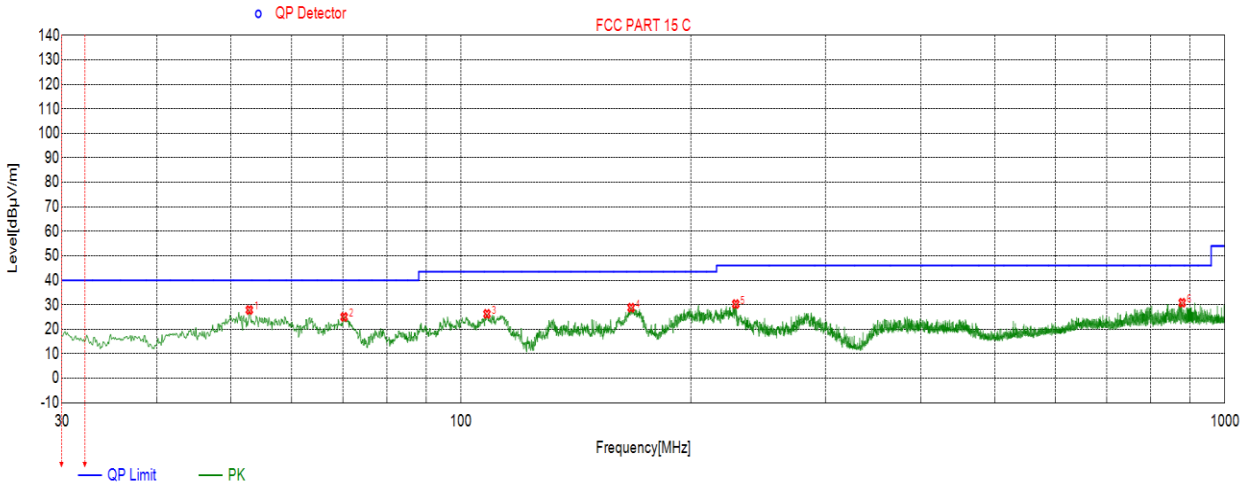
No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18673.2673	36.91	74	-37.09	54	-17.09	peak
2	20056.3556	38.95	74	-35.05	54	-15.05	peak
3	21748.0248	38.29	74	-35.71	54	-15.71	peak
4	22848.0348	39.06	74	-34.94	54	-14.94	peak
5	23645.4145	39.47	74	-34.53	54	-14.53	peak
6	24613.6614	42.69	74	-31.31	54	-11.31	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. For average power measurement, set the VBW to Minimum VBW=10 Hz.
4. All the channels had been tested, but only the worst data were recorded in the report.

6.6.6. SPURIOUS EMISSIONS 30M ~ 1GHz

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

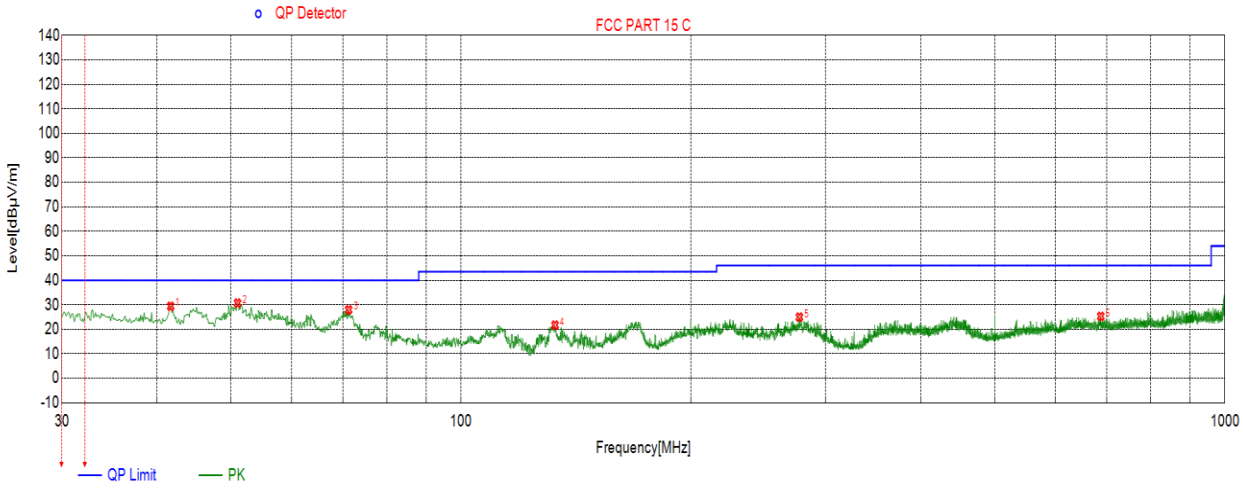
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	52.7973	27.88	40.00	-12.12	QP
2	70.2590	25.04	40.00	-14.96	QP
3	108.0928	26.28	43.50	-17.22	QP
4	166.9777	28.80	43.50	-14.70	QP
5	228.8699	30.30	46.00	-15.70	QP
6	879.4169	30.83	46.00	-15.17	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. All the channels had been tested, but only the worst data were recorded in the report.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



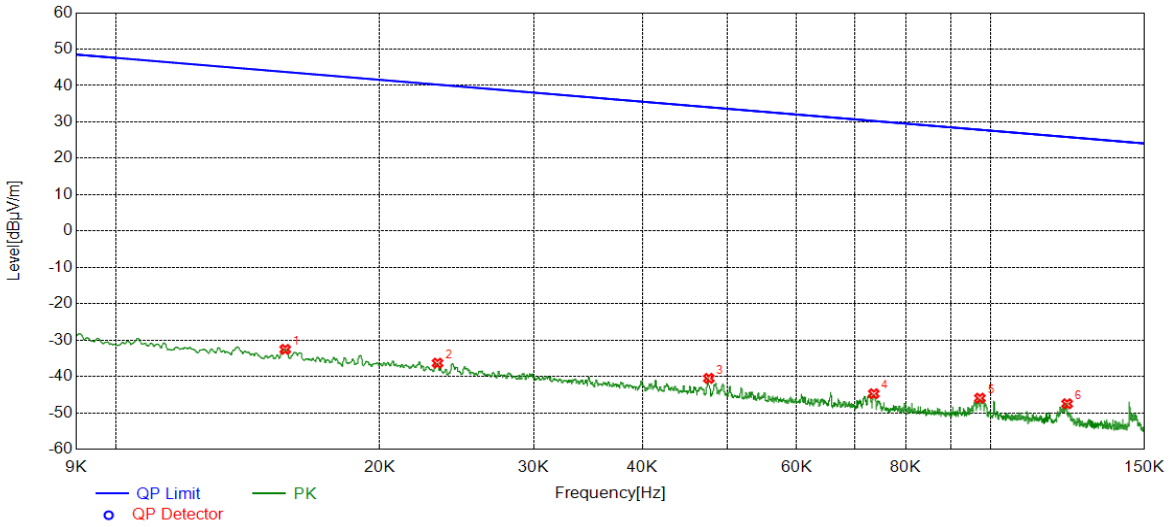
No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.6412	29.40	40.00	-10.60	QP
2	50.9541	30.70	40.00	-9.30	QP
3	71.2291	27.93	40.00	-12.07	QP
4	132.7333	21.69	43.50	-21.81	QP
5	277.2777	24.97	46.00	-21.03	QP
6	688.0168	25.26	46.00	-20.74	QP

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. All the channels had been tested, but only the worst data were recorded in the report.

6.6.7. SPURIOUS EMISSIONS BELOW 30M

SPURIOUS EMISSIONS Below 30MHz (WORST-CASE CONFIGURATION)

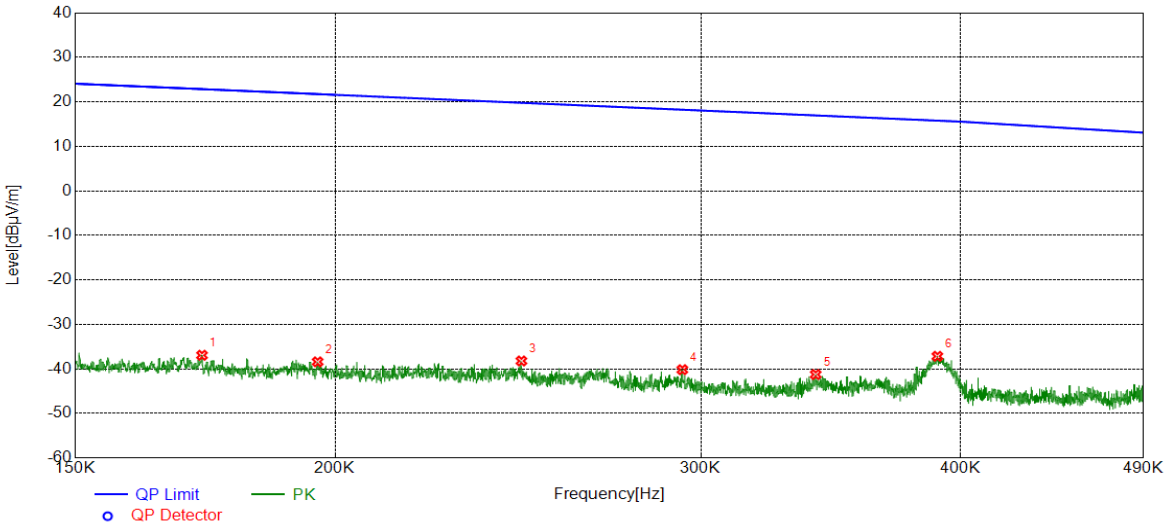
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0156	-32.55	43.74	-76.29	Peak
2	0.0233	-36.33	40.24	-76.57	Peak
3	0.0476	-40.52	34.05	-74.57	Peak
4	0.0735	-44.74	30.28	-75.02	Peak
5	0.0972	-45.96	27.85	-73.81	Peak
6	0.1223	-47.50	25.85	-73.35	Peak

Note:
1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. All the channels had been tested, but only the worst data were recorded in the report.

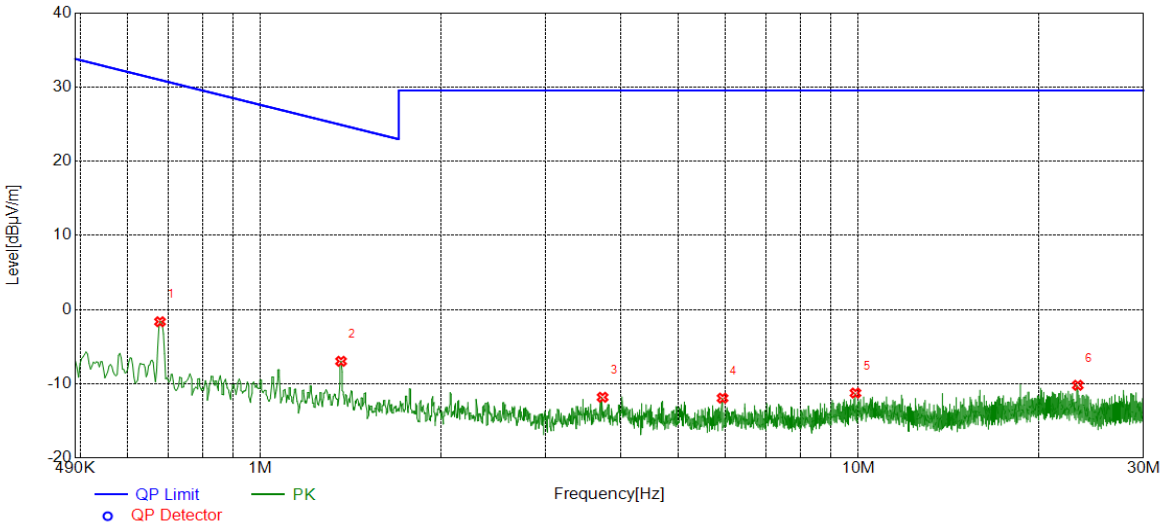
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~490K	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1726	-36.93	22.87	-59.80	Peak
2	0.1962	-38.41	21.75	-60.16	Peak
3	0.2459	-38.21	19.79	-58.00	Peak
4	0.2939	-40.17	18.24	-58.41	Peak
5	0.3407	-41.25	16.95	-58.20	Peak
6	0.3899	-37.16	15.78	-52.94	Peak

Note:
1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. All the channels had been tested, but only the worst data were recorded in the report.

Test Mode	Channel	Frequency Range	Verdict
11B	LCH	490KHz~30M	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.6789	-1.64	30.97	-32.61	Peak
2	1.3636	-6.97	24.91	-31.88	Peak
3	3.7335	-11.82	29.54	-41.36	Peak
4	5.9263	-11.94	29.54	-41.48	Peak
5	9.8899	-11.25	29.54	-40.79	Peak
6	23.2799	-10.20	29.54	-39.74	Peak

Note:
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. All the channels had been tested, but only the worst data were recorded in the report.

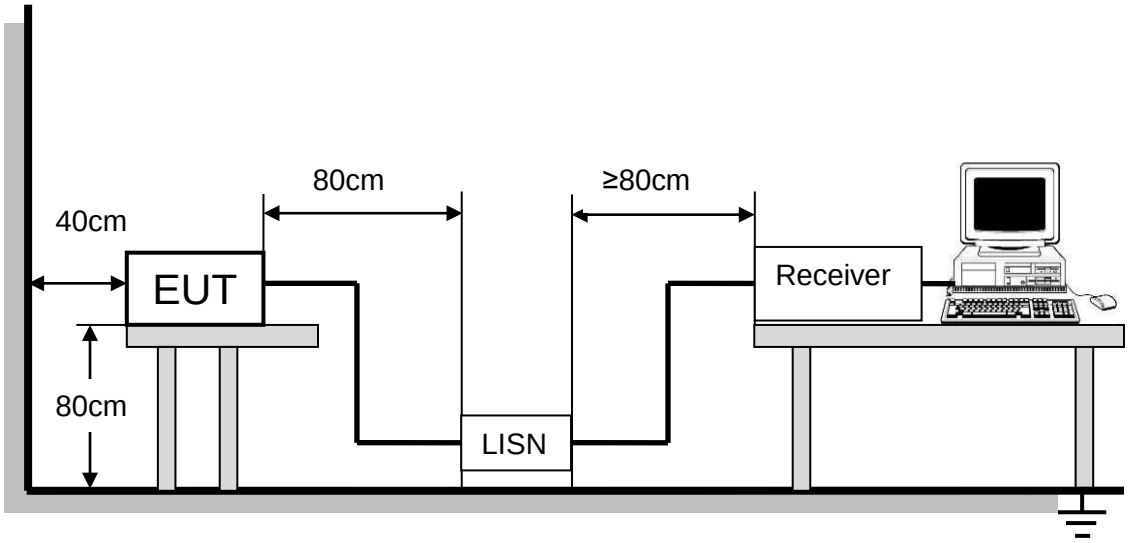
7. AC POWER LINE CONDUCTED EMISSIONS

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



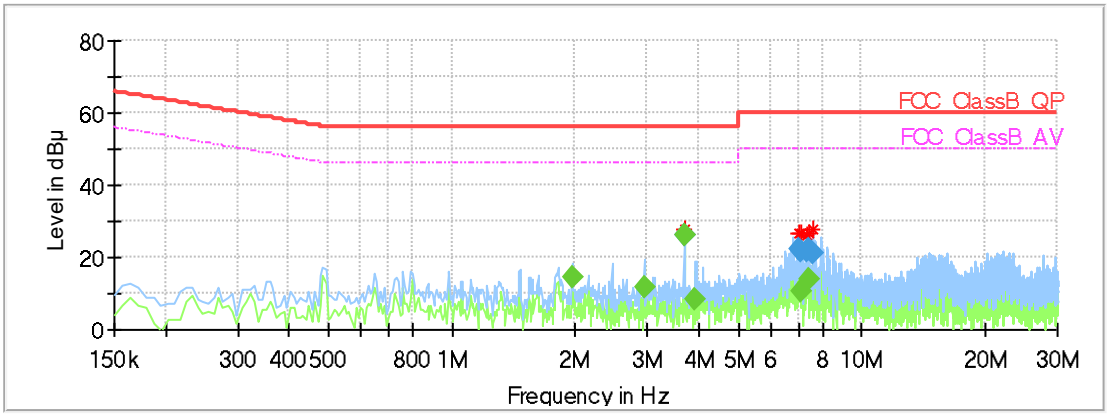
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) 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 Result Table:
For 9KHz-30MHz (worst case)

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11N20 MIMO	Antenna 1+2	MCH	<Limit	PASS

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)
1.970850	---	14.31	46.00	31.69	1000.0	9.000	L1	OFF	9.7
2.948438	---	11.46	46.00	34.54	1000.0	9.000	L1	OFF	9.7
3.694688	---	26.00	46.00	20.00	1000.0	9.000	L1	OFF	9.7
3.694688	25.90	---	56.00	30.10	1000.0	9.000	L1	OFF	9.7
3.933488	---	8.34	46.00	37.66	1000.0	9.000	L1	OFF	9.7
7.052813	22.02	---	60.00	37.98	1000.0	9.000	N	OFF	9.8
7.082663	21.79	---	60.00	38.21	1000.0	9.000	N	OFF	9.8
7.097588	---	10.82	50.00	39.18	1000.0	9.000	N	OFF	9.8
7.351313	21.66	---	60.00	38.34	1000.0	9.000	N	OFF	9.8
7.396088	22.43	---	60.00	37.57	1000.0	9.000	N	OFF	9.8
7.396088	---	13.83	50.00	36.17	1000.0	9.000	N	OFF	9.8
7.619963	21.36	---	60.00	38.64	1000.0	9.000	N	OFF	9.8

(continuation of the "Final_Result" table from column 15 ...)

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.

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 two Dipole Antennas with a PIFA PCB Antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT