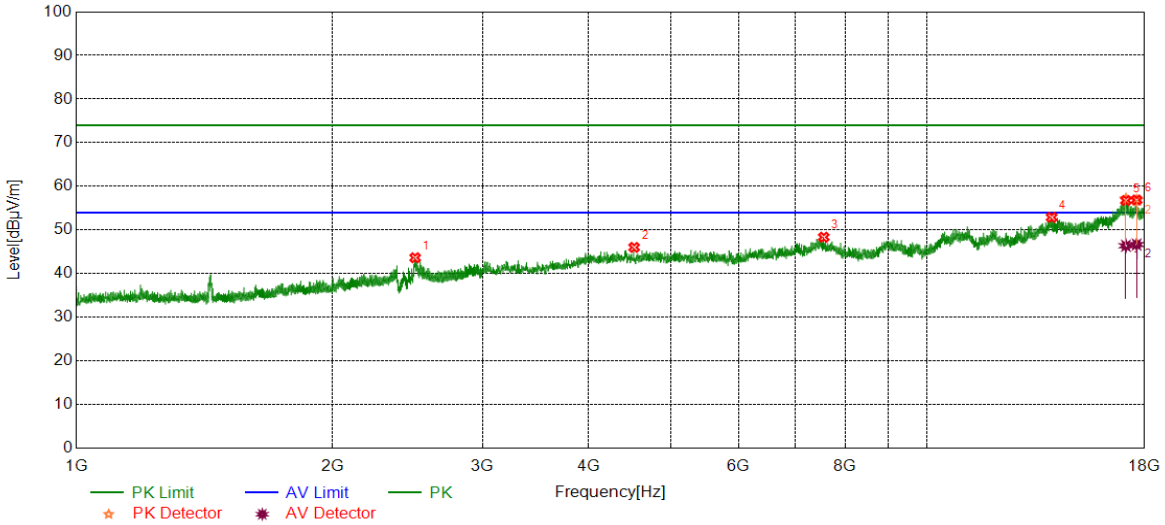
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2500.6876	44.24	-0.60	43.64	74.00	-30.36	peak
2	4522.6903	41.04	4.97	46.01	74.00	-27.99	peak
3	7554.9444	39.08	9.27	48.35	74.00	-25.65	peak
4	13996.3745	37.79	15.11	52.90	74.00	-21.10	peak
5	17111.1389	38.69	18.43	57.12	74.00	-16.88	peak
		27.95	18.43	46.38	54.00	-7.62	average
6	17615.5769	38.13	18.71	56.84	74.00	-17.16	peak
		27.96	18.71	46.67	54.00	-7.33	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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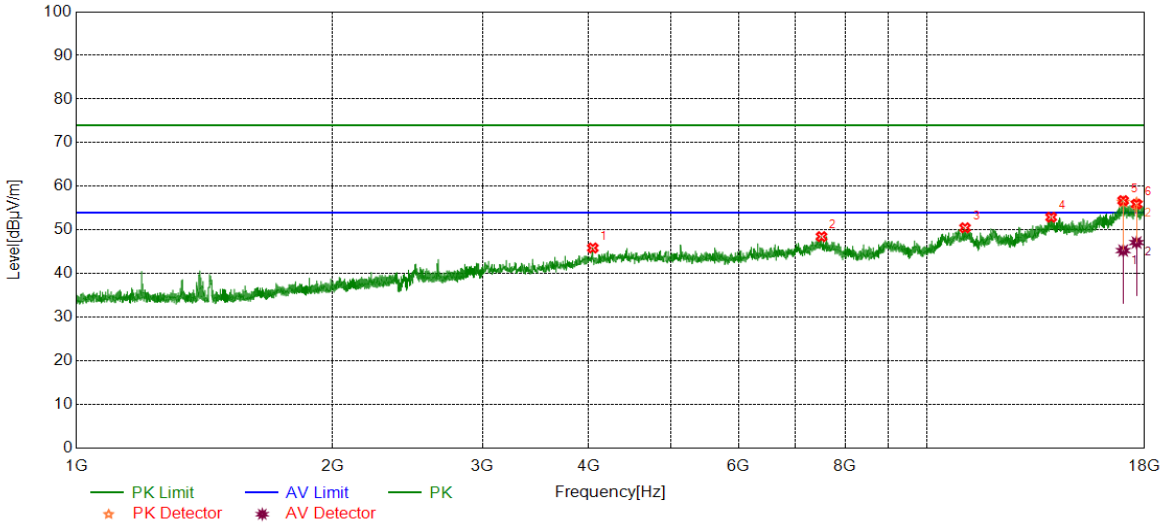
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4044.5056	41.44	4.44	45.88	74.00	-28.12	peak
2	7509.9387	39.35	9.13	48.48	74.00	-25.52	peak
3	11072.8841	37.78	12.72	50.50	74.00	-23.50	peak
4	13979.4974	37.79	15.14	52.93	74.00	-21.07	peak
5	16985.4982	37.20	19.20	56.40	74.00	-17.60	peak
		26.09	19.20	45.29	54.00	-8.71	average
6	17611.8265	37.46	18.72	56.18	74.00	-17.82	peak
		28.41	18.72	47.13	54.00	-6.87	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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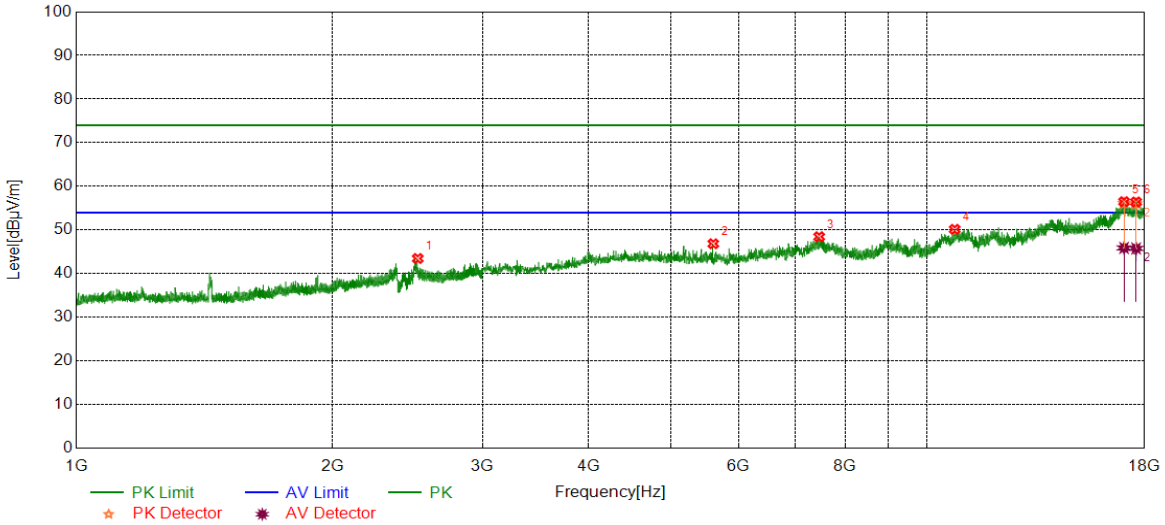
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2518.6898	44.20	-0.73	43.47	74.00	-30.53	peak
2	5602.8254	41.39	5.46	46.85	74.00	-27.15	peak
3	7461.1826	39.11	9.34	48.45	74.00	-25.55	peak
4	10767.2209	38.01	12.14	50.15	74.00	-23.85	peak
5	17024.8781	36.76	19.38	56.14	74.00	-17.86	peak
		26.51	19.38	45.89	54.00	-8.11	average
6	17589.3237	37.25	18.79	56.04	74.00	-17.96	peak
		26.99	18.79	45.78	54.00	-8.22	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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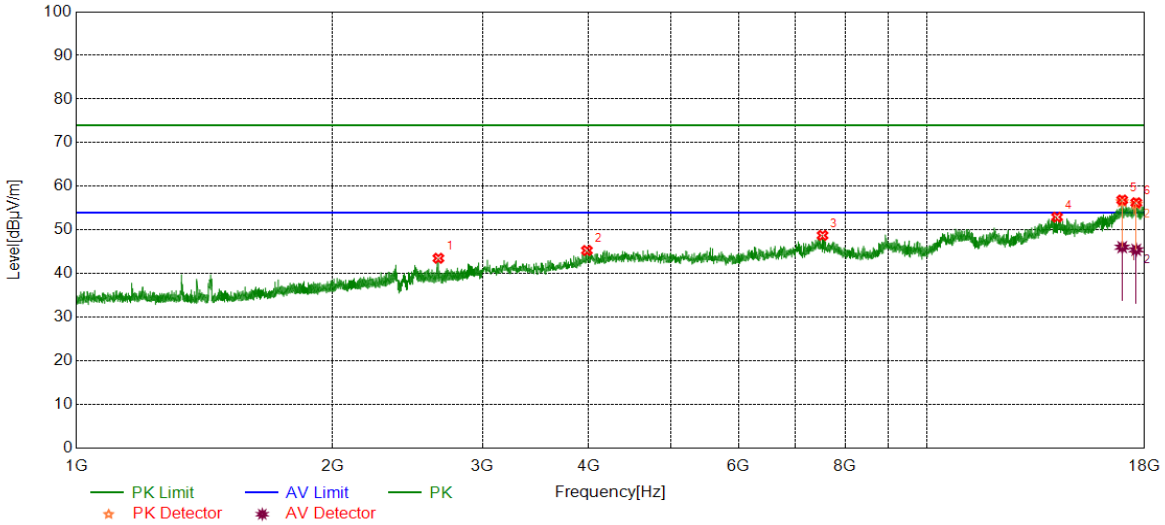
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2663.2079	44.28	-0.76	43.52	74.00	-30.48	peak
2	3980.7476	41.28	4.02	45.30	74.00	-28.70	peak
3	7530.5663	39.43	9.33	48.76	74.00	-25.24	peak
4	14202.6503	37.84	15.12	52.96	74.00	-21.04	peak
5	16940.4926	37.08	19.40	56.48	74.00	-17.52	peak
		26.66	19.40	46.06	54.00	-7.94	average
6	17596.8246	37.21	18.74	55.95	74.00	-18.05	peak
		26.72	18.74	45.46	54.00	-8.54	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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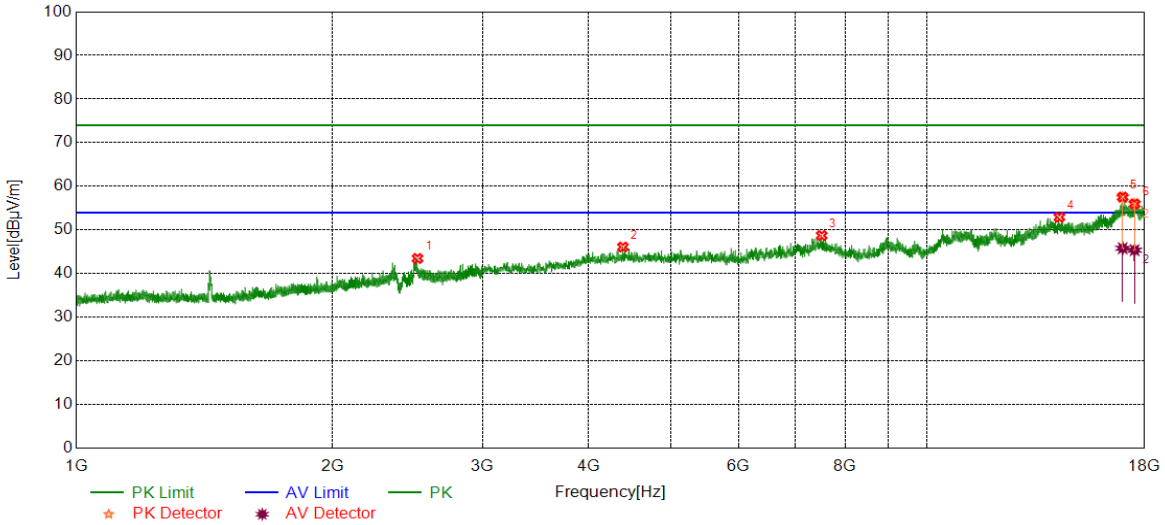
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2516.9396	44.17	-0.69	43.48	74.00	-30.52	peak
2	4387.6735	41.38	4.72	46.10	74.00	-27.90	peak
3	7513.6892	39.61	9.13	48.74	74.00	-25.26	peak
4	14292.6616	37.69	15.23	52.92	74.00	-21.08	peak
5	16961.1201	37.69	19.77	57.46	74.00	-16.54	peak
		26.05	19.77	45.82	54.00	-8.18	average
6	17519.9400	37.64	18.33	55.97	74.00	-18.03	peak
		27.05	18.33	45.38	54.00	-8.62	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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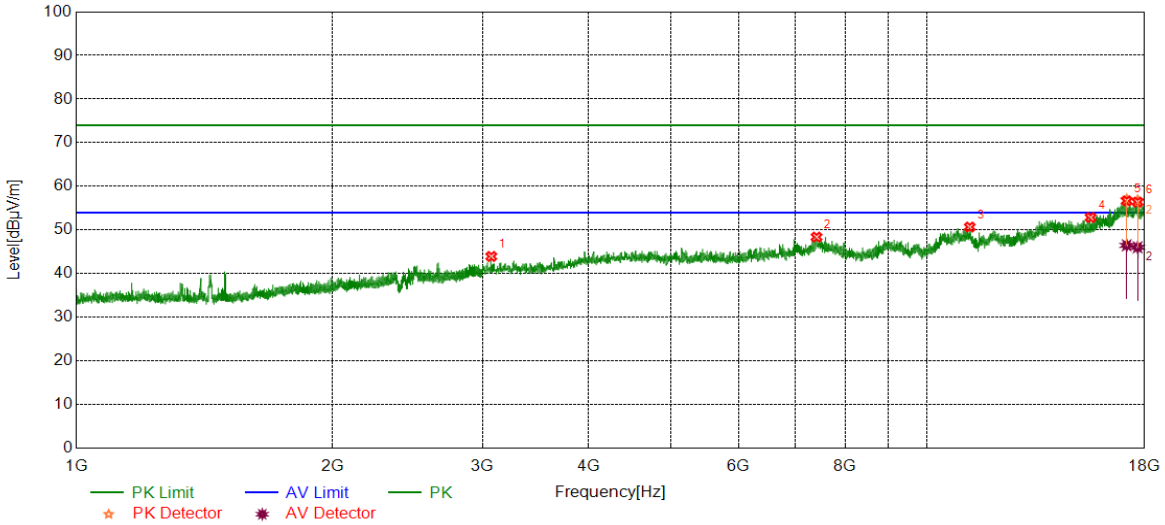
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3073.1341	42.22	1.72	43.94	74.00	-30.06	peak
2	7408.6761	39.21	9.17	48.38	74.00	-25.62	peak
3	11215.4019	38.39	12.29	50.68	74.00	-23.32	peak
4	15550.9439	38.34	14.53	52.87	74.00	-21.13	peak
5	17146.7683	37.99	18.95	56.94	74.00	-17.06	peak
		27.53	18.95	46.48	54.00	-7.52	average
6	17664.3330	38.15	18.59	56.74	74.00	-17.26	peak
		27.44	18.59	46.03	54.00	-7.97	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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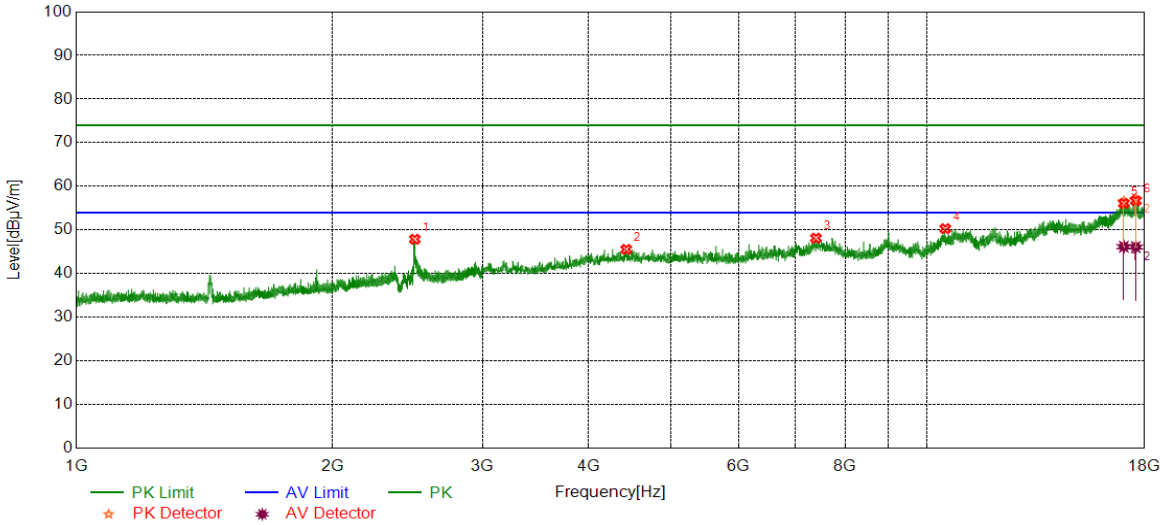
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2498.6873	48.50	-0.62	47.88	74.00	-26.12	peak
2	4427.0534	40.56	4.99	45.55	74.00	-28.45	peak
3	7397.4247	39.29	8.85	48.14	74.00	-25.86	peak
4	10495.3119	38.37	11.93	50.30	74.00	-23.70	peak
5	17013.6267	37.46	18.98	56.44	74.00	-17.56	peak
		27.19	18.98	46.17	54.00	-7.83	average
6	17574.3218	37.94	19.07	57.01	74.00	-16.99	peak
		27.03	19.07	46.10	54.00	-7.90	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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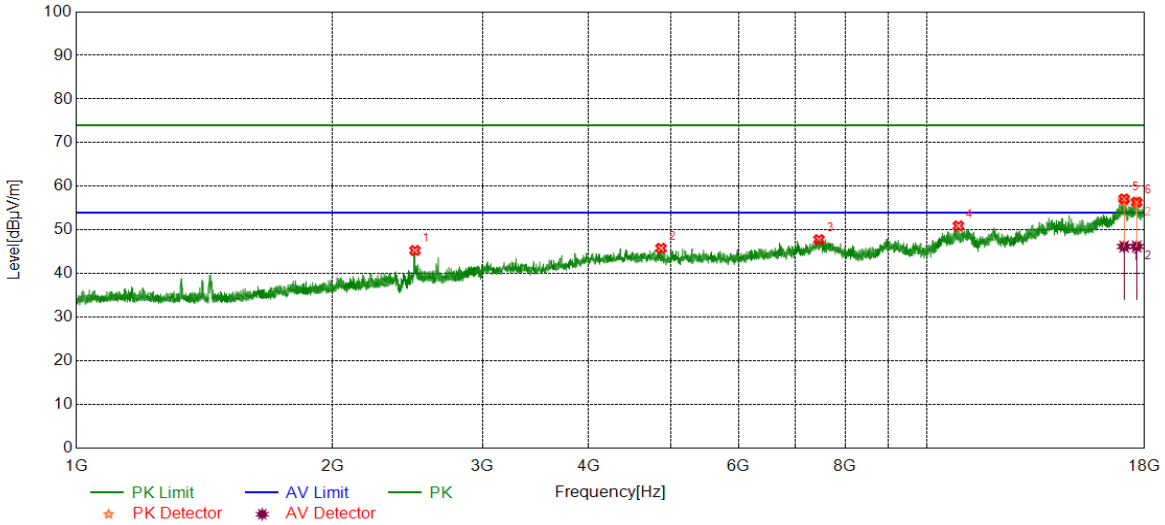
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2499.6875	45.92	-0.61	45.31	74.00	-28.69	peak
2	4863.9830	41.02	4.80	45.82	74.00	-28.18	peak
3	7457.4322	38.53	9.28	47.81	74.00	-26.19	peak
4	10875.9845	38.72	12.23	50.95	74.00	-23.05	peak
5	17026.7533	37.32	19.42	56.74	74.00	-17.26	peak
		26.80	19.42	46.22	54.00	-7.78	average
6	17617.4522	37.58	18.71	56.29	74.00	-17.71	peak
		27.53	18.71	46.24	54.00	-7.76	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. Confirm that the test have added the BRF losses during the testing. Proper operation of the transmitter prior to adding the filter to the measurement chain. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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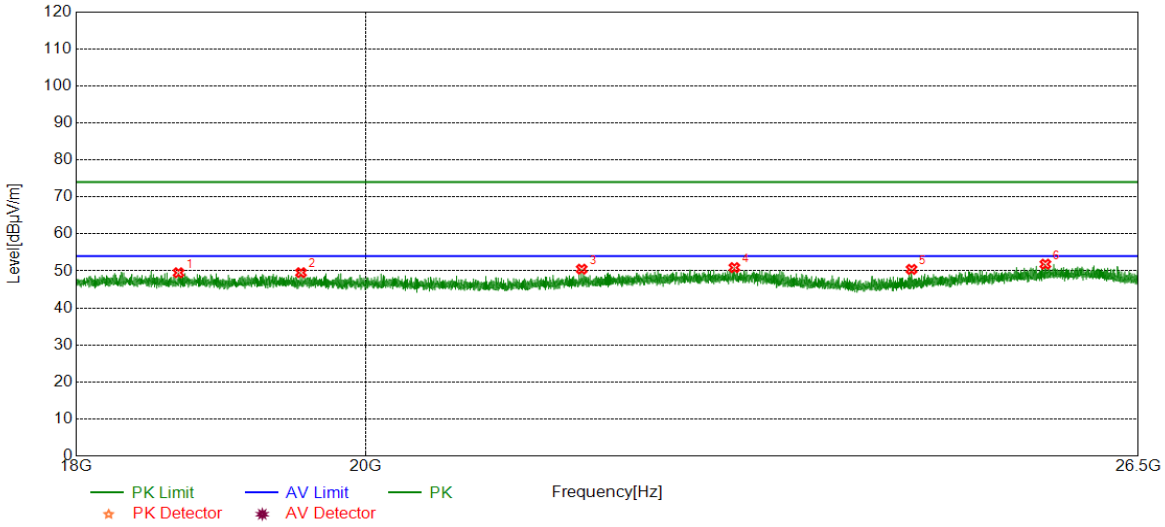
Part II: 18GHz~26.5GHz

SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18682.6183	50.51	-0.99	49.52	74.00	-24.48	peak
2	19535.2535	50.25	-0.71	49.54	74.00	-24.46	peak
3	21638.3638	50.81	-0.32	50.49	74.00	-23.51	peak
4	22876.0876	49.78	1.13	50.91	74.00	-23.09	peak
5	24401.1401	51.14	-0.71	50.43	74.00	-23.57	peak
6	25620.1620	50.79	1.05	51.84	74.00	-22.16	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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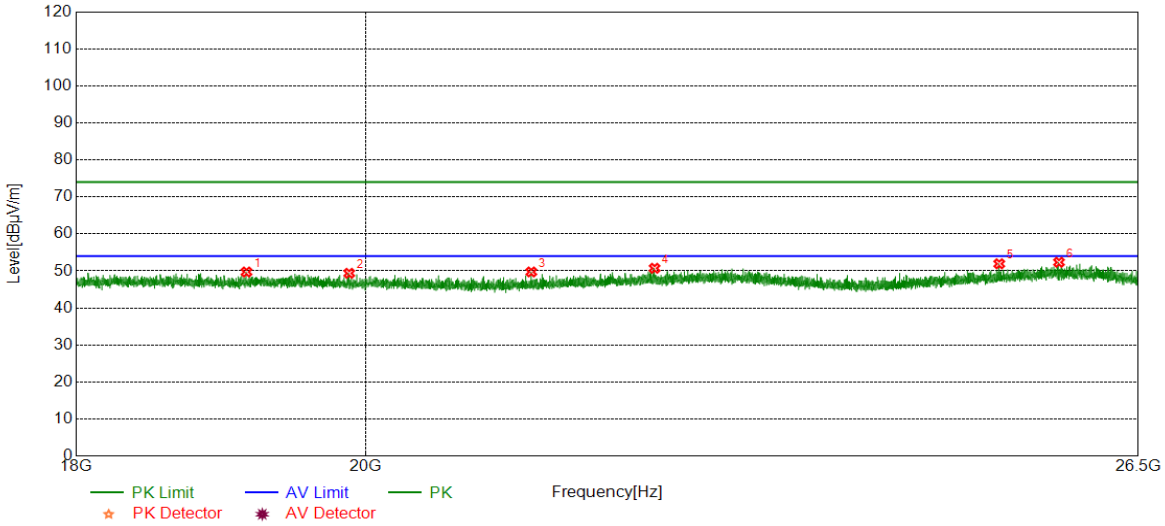
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19151.0151	50.73	-1.00	49.73	74.00	-24.27	peak
2	19881.2381	49.97	-0.59	49.38	74.00	-24.62	peak
3	21244.7745	50.50	-0.76	49.74	74.00	-24.26	peak
4	22220.6721	50.29	0.44	50.73	74.00	-23.27	peak
5	25193.4193	51.60	0.34	51.94	74.00	-22.06	peak
6	25747.6748	51.09	1.26	52.35	74.00	-21.65	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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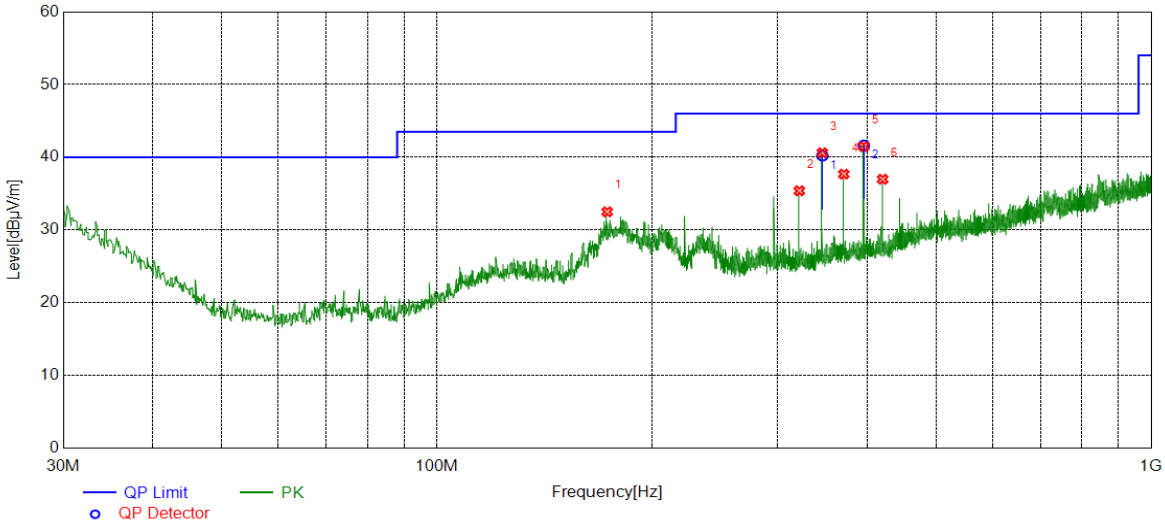
Part III: 30MHz~1GHz

SPURIOUS EMISSIONS 30M TO 1GHHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	173.1863	14.07	18.43	32.50	43.50	-11.00	peak
2	321.7082	14.08	21.31	35.39	46.00	-10.61	peak
3	346.5049	18.30	21.92	40.22	46.00	-5.78	QP
4	371.2801	15.17	22.51	37.68	46.00	-8.32	peak
5	395.9988	18.56	23.08	41.64	46.00	-4.36	QP
6	420.7551	13.21	23.77	36.98	46.00	-9.02	peak

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. Measurement = Reading Level + Correct Factor.

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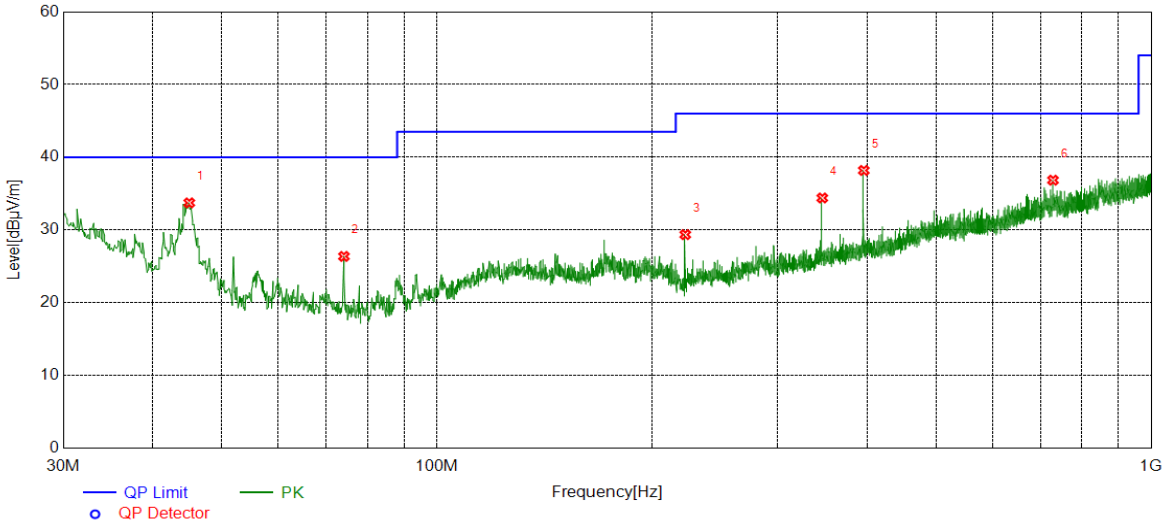
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	45.0365	16.02	17.71	33.73	40.00	-6.27	peak
2	74.1394	11.60	14.77	26.37	40.00	-13.63	peak
3	222.7583	11.23	18.13	29.36	46.00	-16.64	peak
4	346.4456	12.48	21.92	34.40	46.00	-11.60	peak
5	396.0176	15.11	23.08	38.19	46.00	-7.81	peak
6	728.6639	8.04	28.81	36.85	46.00	-9.15	peak

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. Measurement = Reading Level + Correct Factor.

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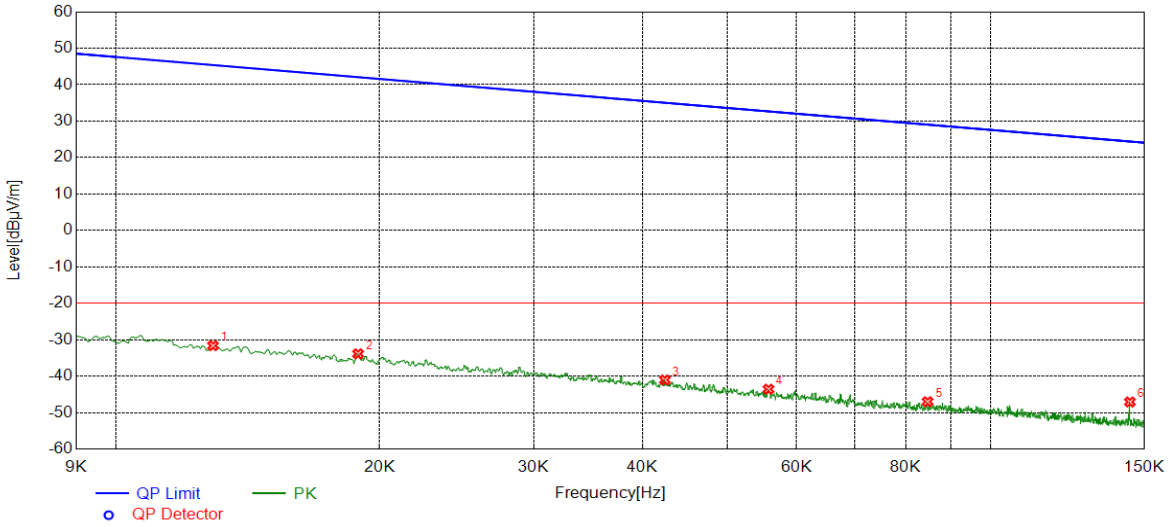
Part IV: 9KHz~30MHz

SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	37.20	-60.87	-23.67	43.77	-67.44	peak
2	0.0312	30.36	-60.81	-30.45	37.71	-68.16	peak
3	0.0468	25.84	-60.92	-35.08	34.19	-69.27	peak
4	0.0625	22.86	-61.14	-38.28	31.68	-69.96	peak
5	0.0768	21.06	-61.29	-40.23	29.89	-70.12	peak
6	0.0922	18.55	-60.86	-42.31	28.31	-70.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m-80 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report

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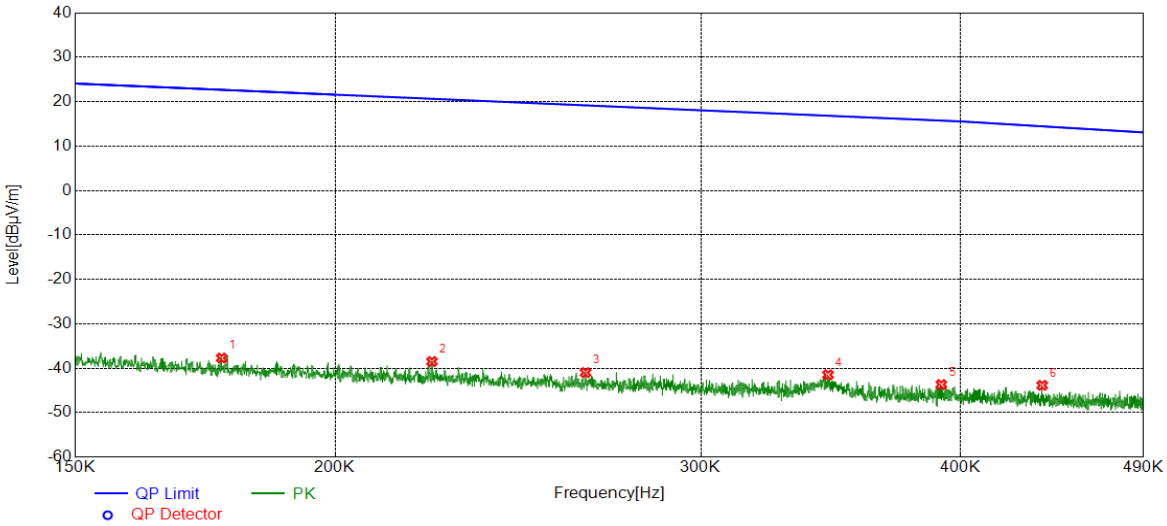
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~490KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1764	23.40	-61.10	-37.70	22.68	-60.38	peak
2	0.2227	22.38	-60.87	-38.49	20.65	-59.14	peak
3	0.2640	19.74	-60.72	-40.98	19.17	-60.15	peak
4	0.3454	19.17	-60.65	-41.48	16.84	-58.32	peak
5	0.3916	16.94	-60.61	-43.67	15.74	-59.41	peak
6	0.4379	16.72	-60.57	-43.85	14.45	-58.30	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m-80 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report

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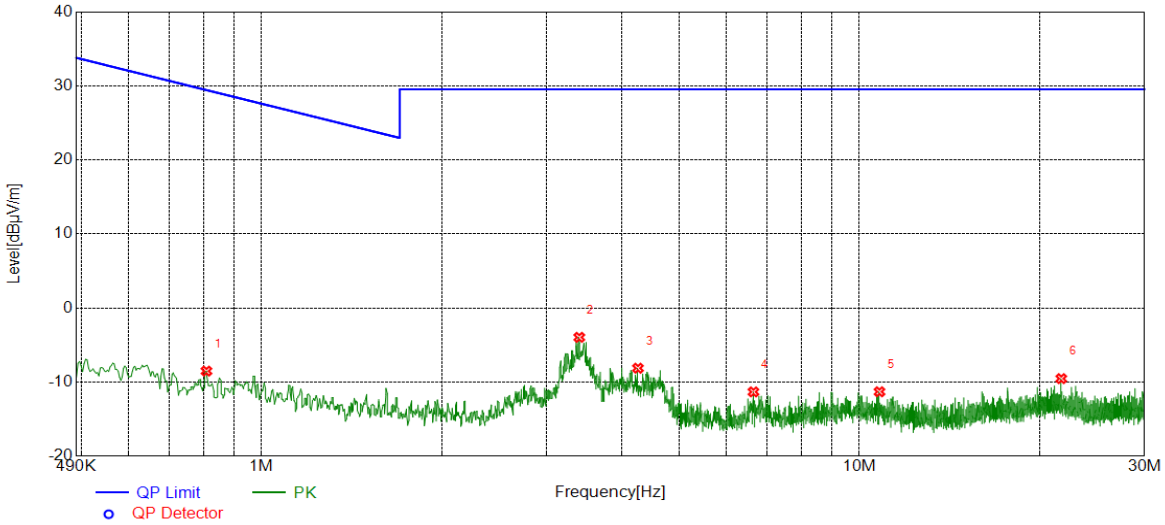
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.8087	12.02	-20.54	-8.52	29.45	-37.97	peak
2	3.4000	16.29	-20.25	-3.96	29.54	-33.50	peak
3	4.2618	11.90	-20.03	-8.13	29.54	-37.67	peak
4	6.6494	8.39	-19.72	-11.33	29.54	-40.87	peak
5	10.8048	7.55	-18.86	-11.31	29.54	-40.85	peak
6	21.7629	7.93	-17.47	-9.54	29.54	-39.08	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 30m= Result 3m-40 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report

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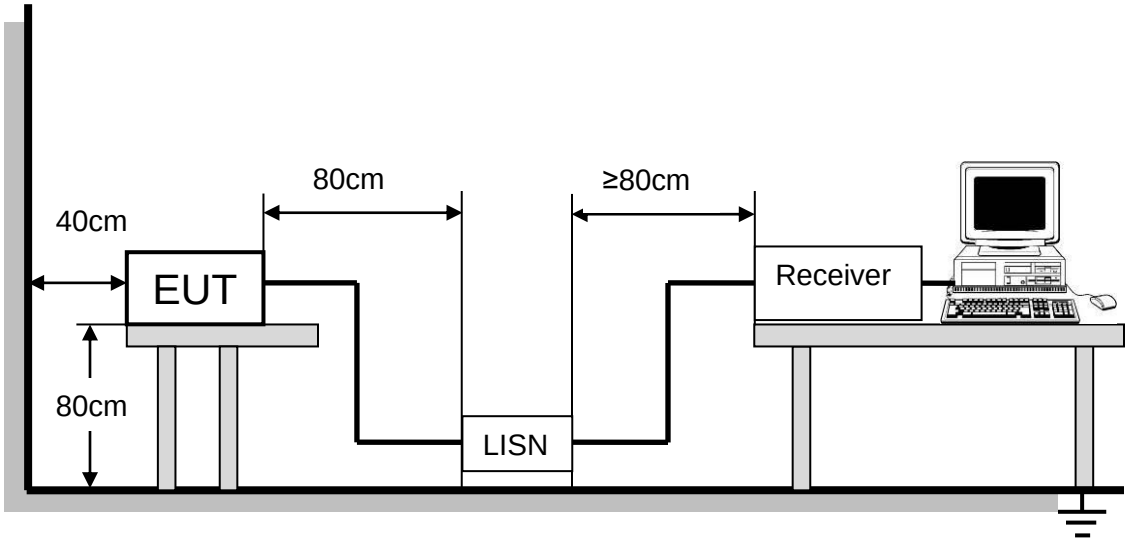
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	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.

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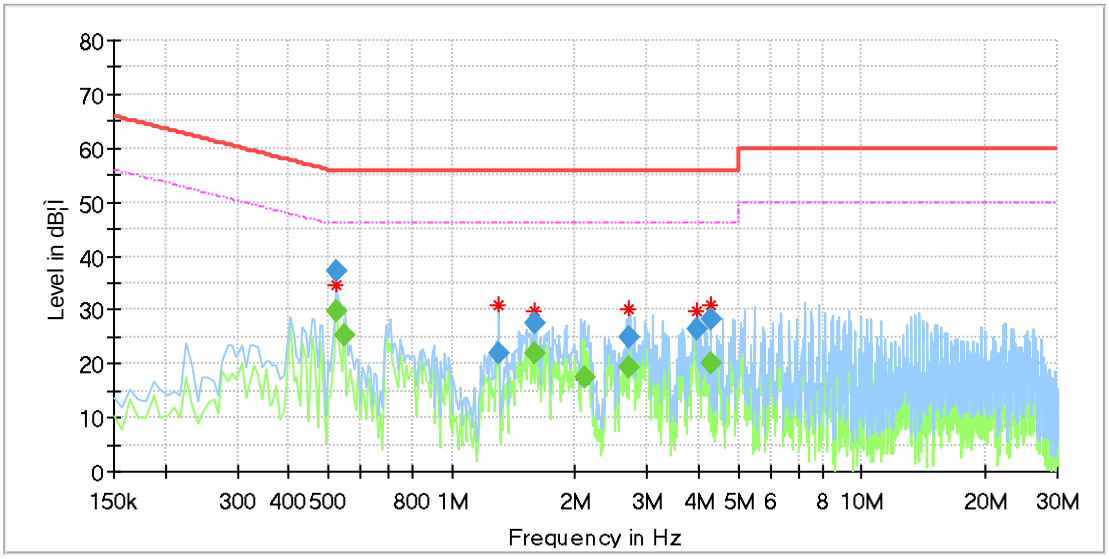
TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.523125	---	29.75	46.00	16.25	1000.0	9.000	L1	OFF	9.7
0.523125	37.24	---	56.00	18.76	1000.0	9.000	L1	OFF	9.7
0.545513	---	25.41	46.00	20.59	1000.0	9.000	L1	OFF	9.7
1.306688	21.82	---	56.00	34.18	1000.0	9.000	L1	OFF	9.5
1.597725	27.69	---	56.00	28.31	1000.0	9.000	L1	OFF	9.6
1.597725	---	21.84	46.00	24.16	1000.0	9.000	L1	OFF	9.6
2.097713	---	17.59	46.00	28.41	1000.0	9.000	L1	OFF	9.7
2.709638	24.98	---	56.00	31.02	1000.0	9.000	L1	OFF	9.8
2.709638	---	19.18	46.00	26.82	1000.0	9.000	L1	OFF	9.8
3.978263	26.52	---	56.00	29.48	1000.0	9.000	L1	OFF	9.7
4.276763	---	19.96	46.00	26.04	1000.0	9.000	L1	OFF	9.6
4.276763	28.23	---	56.00	27.77	1000.0	9.000	L1	OFF	9.6

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.
5. Pre-testing all test modes and channels, and find the HCH of 11N40 MOMO which is the worst case, so only the worst case is included in this test report.

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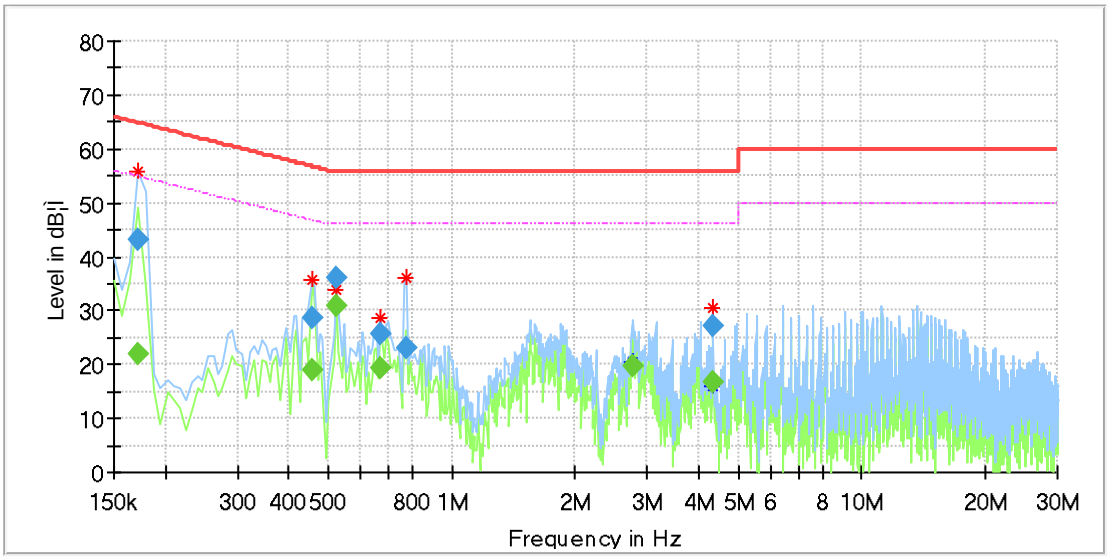
For N Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.172388	---	21.91	54.85	32.94	1000.0	9.000	N	OFF	9.5
0.172388	43.12	---	64.85	21.72	1000.0	9.000	N	OFF	9.5
0.455963	---	18.92	46.77	27.85	1000.0	9.000	N	OFF	9.6
0.455963	28.70	---	56.77	28.06	1000.0	9.000	N	OFF	9.6
0.523125	---	30.80	46.00	15.20	1000.0	9.000	N	OFF	9.6
0.523125	35.93	---	56.00	20.07	1000.0	9.000	N	OFF	9.6
0.672375	25.49	---	56.00	30.51	1000.0	9.000	N	OFF	9.5
0.672375	---	19.42	46.00	26.58	1000.0	9.000	N	OFF	9.5
0.776850	22.90	---	56.00	33.10	1000.0	9.000	N	OFF	9.5
2.754413	---	19.86	46.00	26.14	1000.0	9.000	N	OFF	9.6
4.343925	---	16.61	46.00	29.39	1000.0	9.000	N	OFF	9.7
4.343925	27.07	---	56.00	28.93	1000.0	9.000	N	OFF	9.7

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.
5. Pre-testing all test modes and channels, and find the HCH of 11N40 MOMO which is the worst case, so only the worst case is included in this test report.

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9. 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 GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT

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