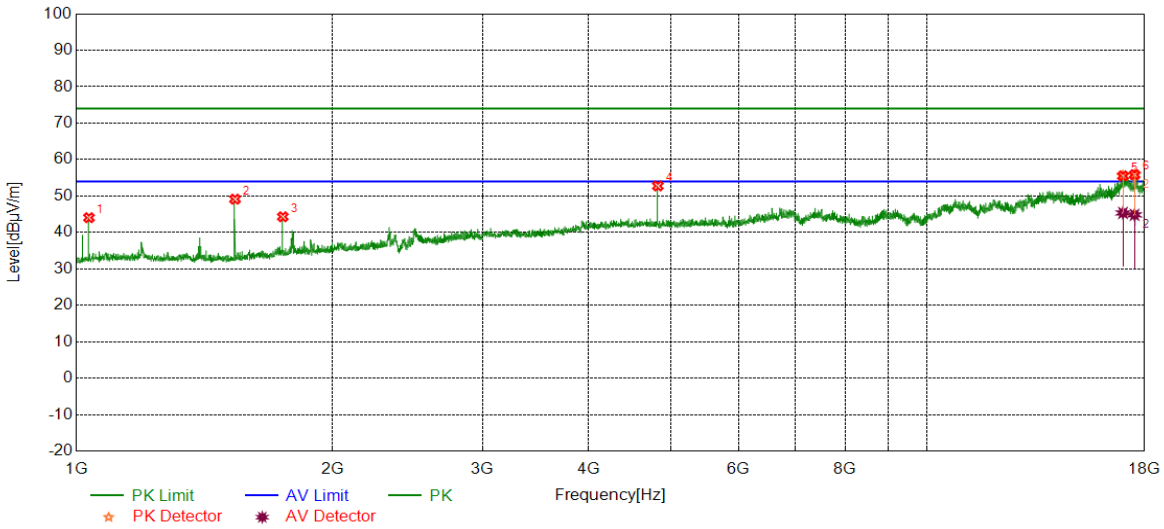
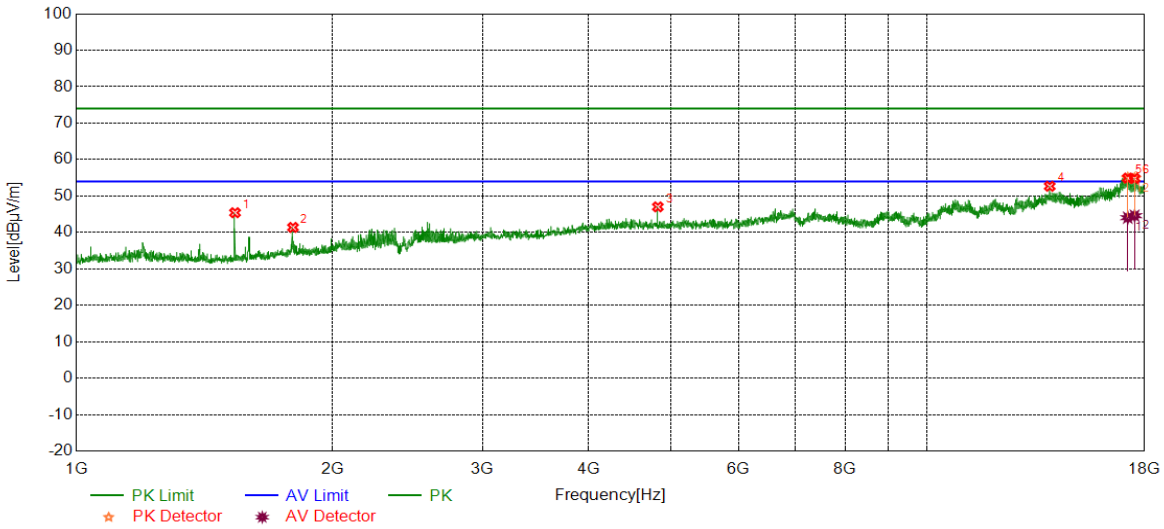
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1034.6782	49.48	-5.43	44.05	74.00	-29.95	peak
2	1536.1787	54.81	-5.68	49.13	74.00	-24.87	peak
3	1748.2494	48.72	-4.42	44.30	74.00	-29.70	peak
4	4822.8038	47.82	4.94	52.76	74.00	-21.24	peak
5	16974.8291	35.22	20.30	55.52	74.00	-18.48	peak
		25.05	20.30	45.35	54.00	-8.65	average
6	17517.4196	36.25	19.59	55.84	74.00	-18.16	peak
		25.24	19.59	44.83	54.00	-9.17	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

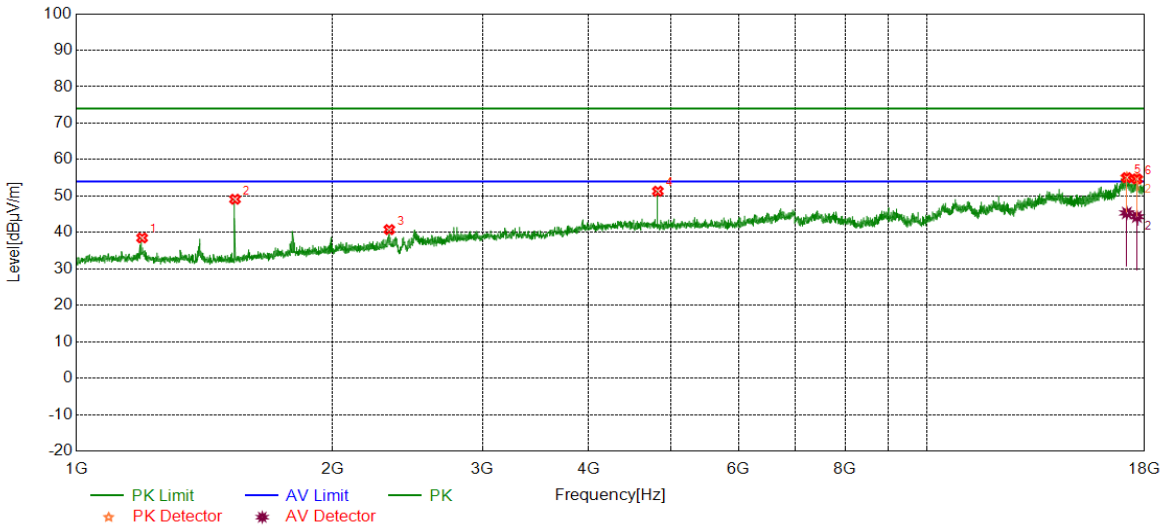
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.1787	51.09	-5.68	45.41	74.00	-28.59	peak
2	1796.9323	45.29	-3.91	41.38	74.00	-32.62	peak
3	4822.8038	42.08	4.94	47.02	74.00	-26.98	peak
4	13924.3207	36.61	16.06	52.67	74.00	-21.33	peak
5	17197.3662	35.83	19.08	54.91	74.00	-19.09	peak
		24.97	19.08	44.05	54.00	-9.95	average
6	17519.9200	34.94	19.89	54.83	74.00	-19.17	peak
		24.70	19.89	44.59	54.00	-9.41	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

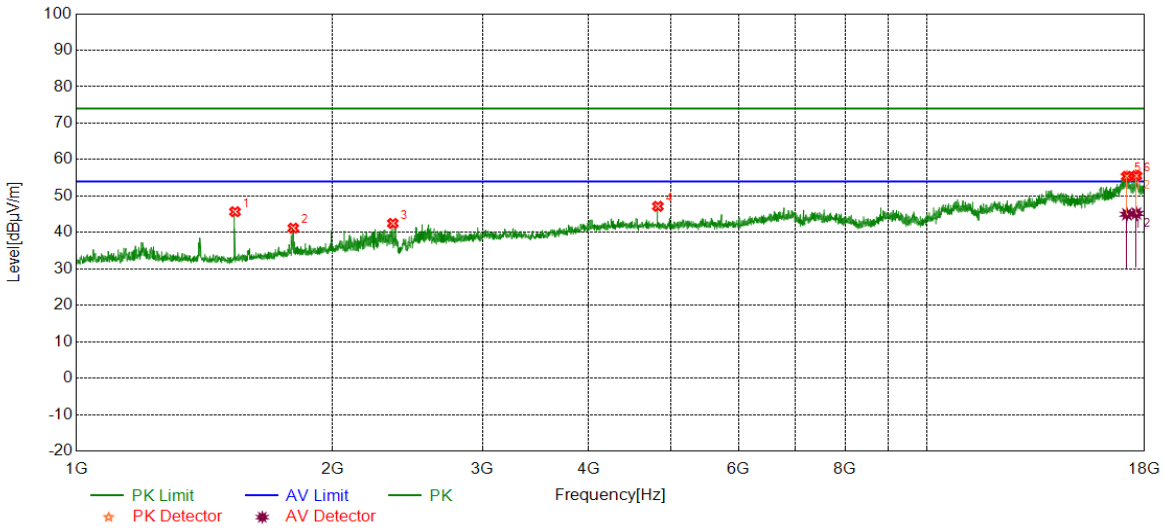
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7316	44.04	-5.55	38.49	74.00	-35.51	peak
2	1536.1787	54.79	-5.68	49.11	74.00	-24.89	peak
3	2331.7773	42.60	-1.82	40.78	74.00	-33.22	peak
4	4822.8038	46.37	4.94	51.31	74.00	-22.69	peak
5	17152.3587	35.29	19.74	55.03	74.00	-18.97	peak
		25.61	19.74	45.35	54.00	-8.65	average
6	17629.9383	35.40	19.29	54.69	74.00	-19.31	peak
		25.04	19.29	44.33	54.00	-9.67	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

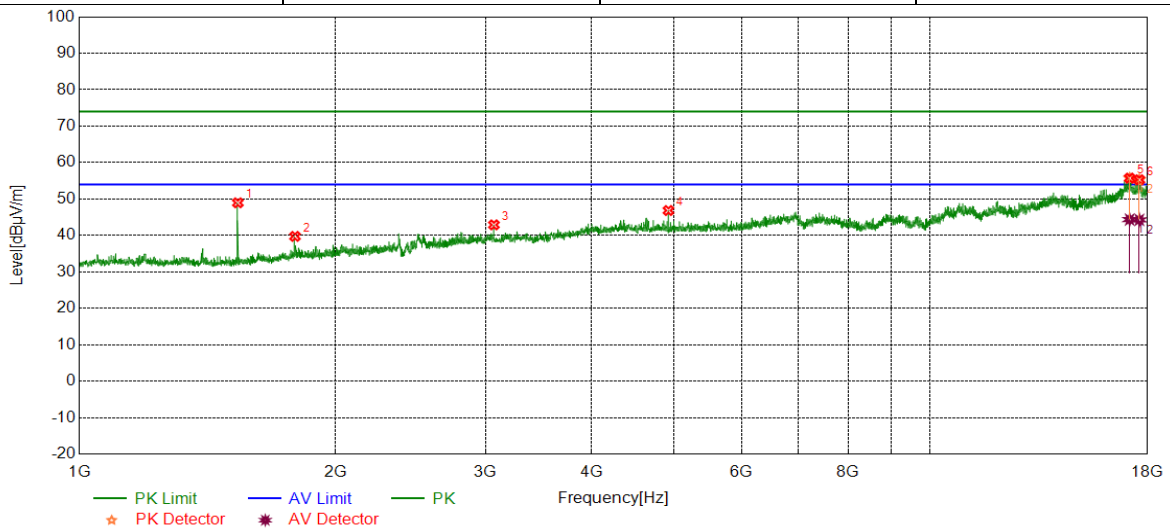
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.1787	51.36	-5.68	45.68	74.00	-28.32	peak
2	1798.2661	45.09	-3.90	41.19	74.00	-32.81	peak
3	2354.4515	44.17	-1.69	42.48	74.00	-31.52	peak
4	4822.8038	42.23	4.94	47.17	74.00	-26.83	peak
5	17157.3596	35.67	19.74	55.41	74.00	-18.59	peak
		25.24	19.74	44.98	54.00	-9.02	average
6	17602.4337	36.30	19.26	55.56	74.00	-18.44	peak
		25.94	19.26	45.20	54.00	-8.80	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

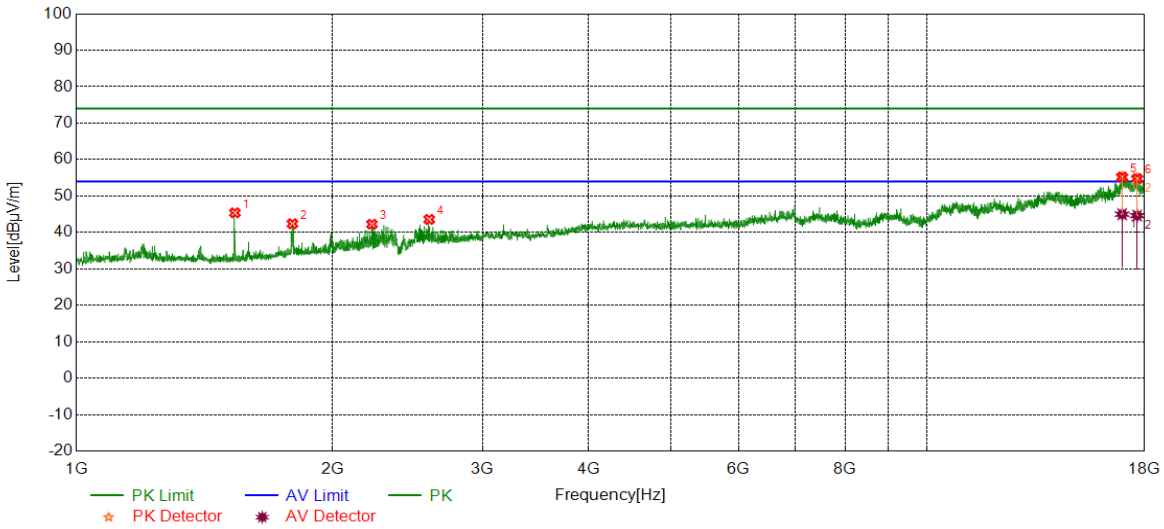
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.5118	54.64	-5.69	48.95	74.00	-25.05	peak
2	1792.2641	43.70	-3.96	39.74	74.00	-34.26	peak
3	3070.0117	41.08	1.82	42.90	74.00	-31.10	peak
4	4922.8205	41.60	5.24	46.84	74.00	-27.16	peak
5	17144.8575	36.21	19.52	55.73	74.00	-18.27	peak
		24.83	19.52	44.35	54.00	-9.65	average
6	17602.4337	36.02	19.26	55.28	74.00	-18.72	peak
		25.01	19.26	44.27	54.00	-9.73	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

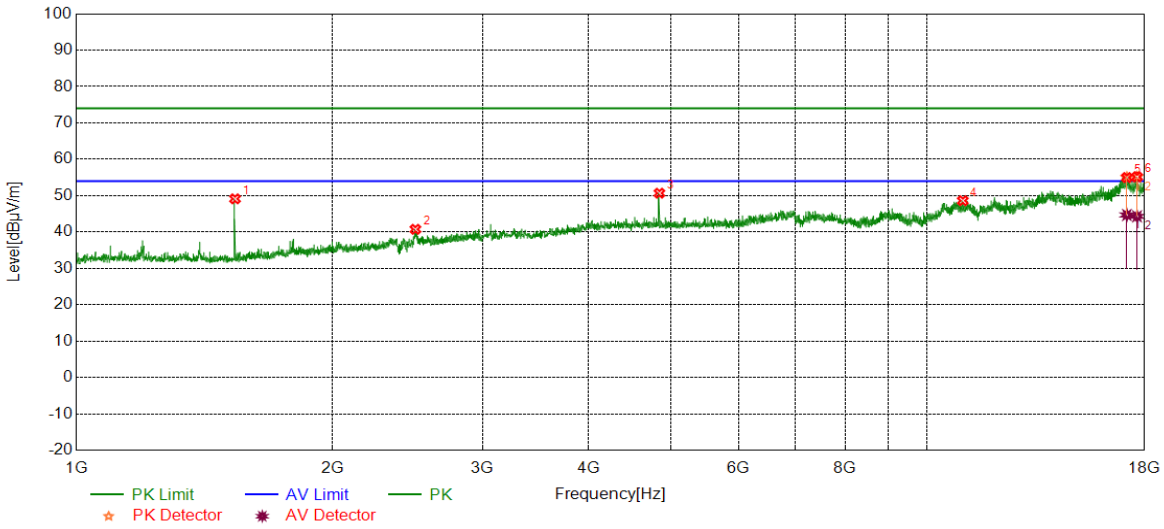
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.5118	51.07	-5.69	45.38	74.00	-28.62	peak
2	1794.2648	46.33	-3.94	42.39	74.00	-31.61	peak
3	2225.0750	44.45	-2.20	42.25	74.00	-31.75	peak
4	2597.8660	44.29	-0.72	43.57	74.00	-30.43	peak
5	16937.3229	35.44	19.79	55.23	74.00	-18.77	peak
		25.21	19.79	45.00	54.00	-9.00	average
6	17639.9400	35.36	19.43	54.79	74.00	-19.21	peak
		25.19	19.43	44.62	54.00	-9.38	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

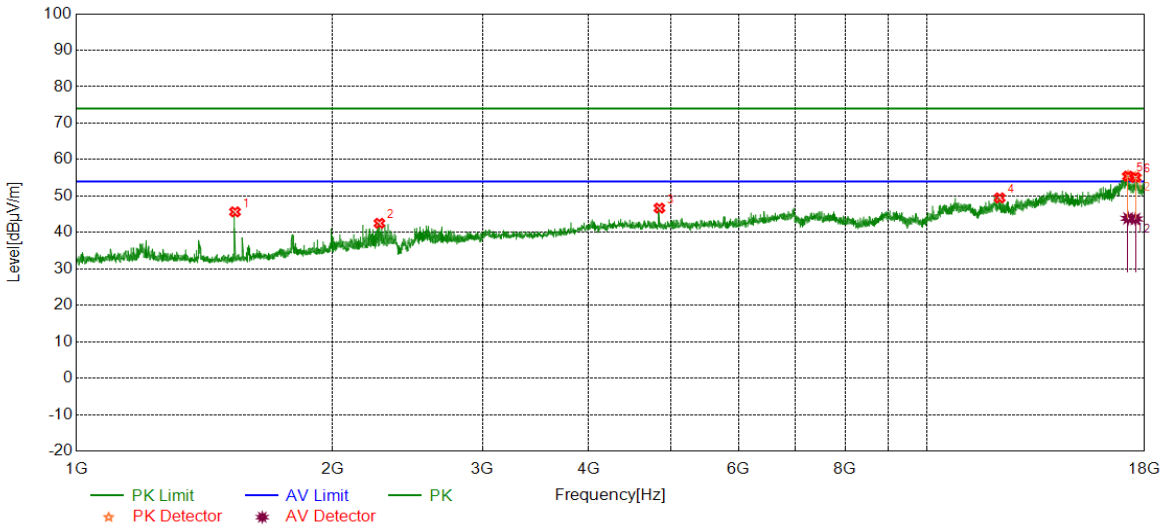
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.1787	54.80	-5.68	49.12	74.00	-24.88	peak
2	2502.5008	41.33	-0.59	40.74	74.00	-33.26	peak
3	4842.8071	45.64	5.03	50.67	74.00	-23.33	peak
4	11006.3344	35.63	12.97	48.60	74.00	-25.40	peak
5	17154.8591	35.23	19.74	54.97	74.00	-19.03	peak
		24.94	19.74	44.68	54.00	-9.32	average
6	17634.9392	35.79	19.36	55.15	74.00	-18.85	peak
		24.95	19.36	44.31	54.00	-9.69	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

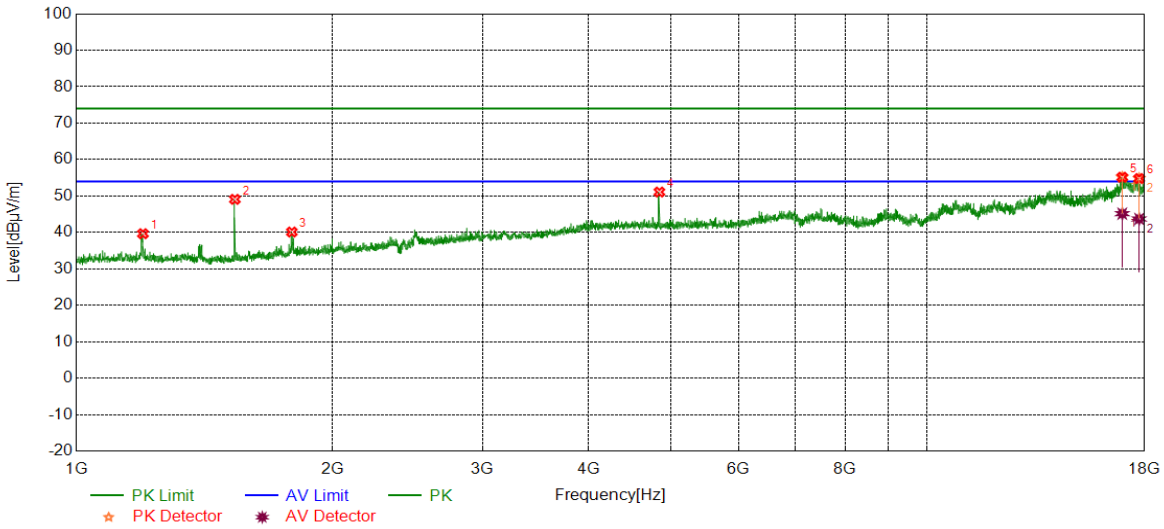
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.1787	51.32	-5.68	45.64	74.00	-28.36	peak
2	2270.4235	44.68	-2.17	42.51	74.00	-31.49	peak
3	4842.8071	41.64	5.03	46.67	74.00	-27.33	peak
4	12161.5269	35.65	13.83	49.48	74.00	-24.52	peak
5	17209.8683	36.57	18.87	55.44	74.00	-18.56	peak
		24.99	18.87	43.86	54.00	-10.14	average
6	17559.9267	35.62	19.48	55.10	74.00	-18.90	peak
		24.23	19.48	43.71	54.00	-10.29	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

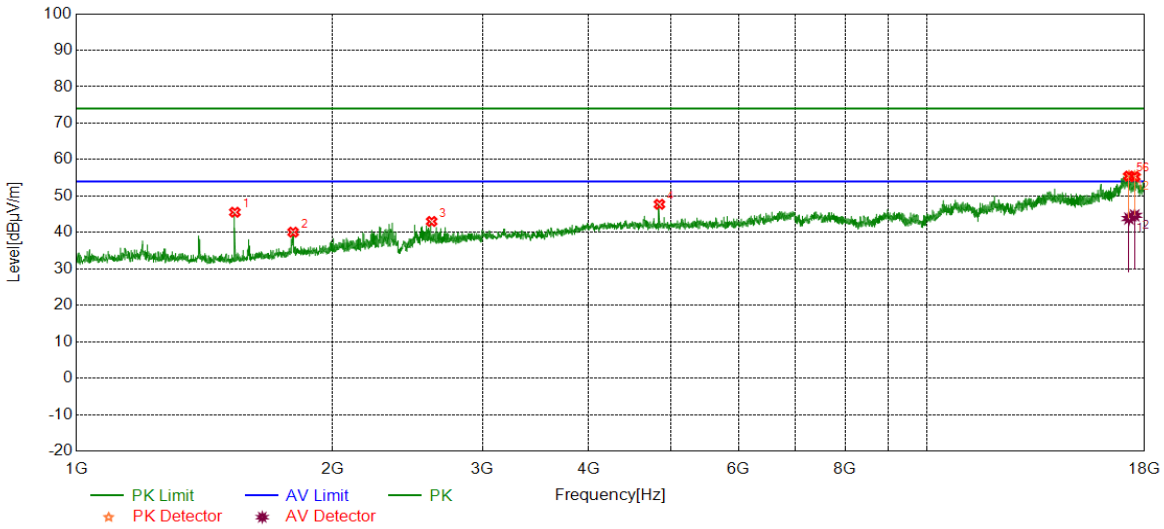
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.3991	45.19	-5.54	39.65	74.00	-34.35	peak
2	1535.5118	54.77	-5.69	49.08	74.00	-24.92	peak
3	1791.5972	44.08	-3.97	40.11	74.00	-33.89	peak
4	4842.8071	46.06	5.03	51.09	74.00	-22.91	peak
5	16942.3237	35.13	20.03	55.16	74.00	-18.84	peak
		25.12	20.03	45.15	54.00	-8.85	average
6	17734.9558	35.96	18.83	54.79	74.00	-19.21	peak
		24.88	18.83	43.71	54.00	-10.29	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

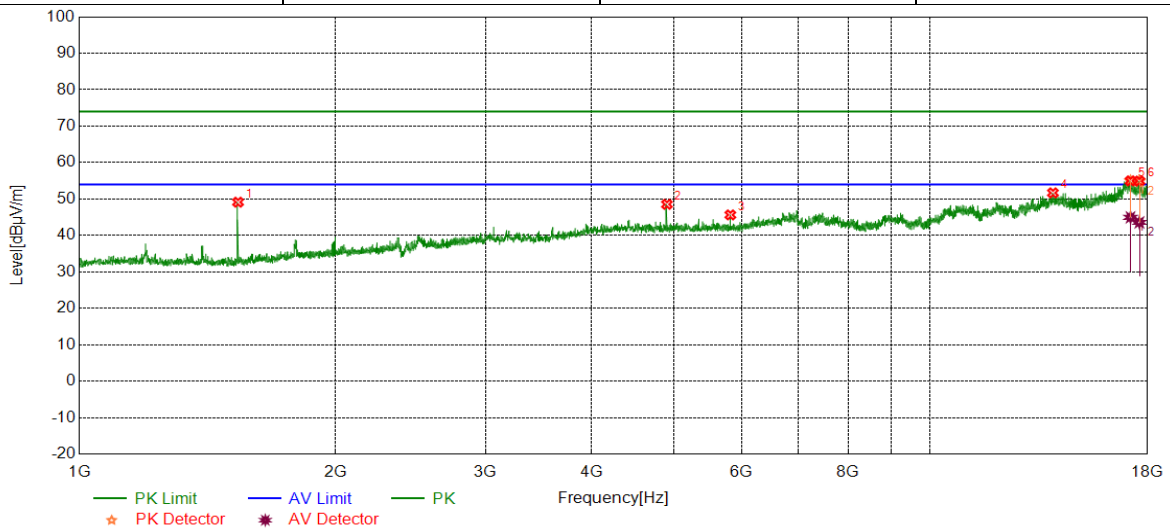
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.5118	51.23	-5.69	45.54	74.00	-28.46	peak
2	1797.5992	43.97	-3.90	40.07	74.00	-33.93	peak
3	2615.2051	43.56	-0.55	43.01	74.00	-30.99	peak
4	4842.8071	42.69	5.03	47.72	74.00	-26.28	peak
5	17254.8758	36.85	18.60	55.45	74.00	-18.55	peak
		25.22	18.60	43.82	54.00	-10.18	average
6	17522.4204	35.75	19.57	55.32	74.00	-18.68	peak
		25.11	19.57	44.68	54.00	-9.32	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

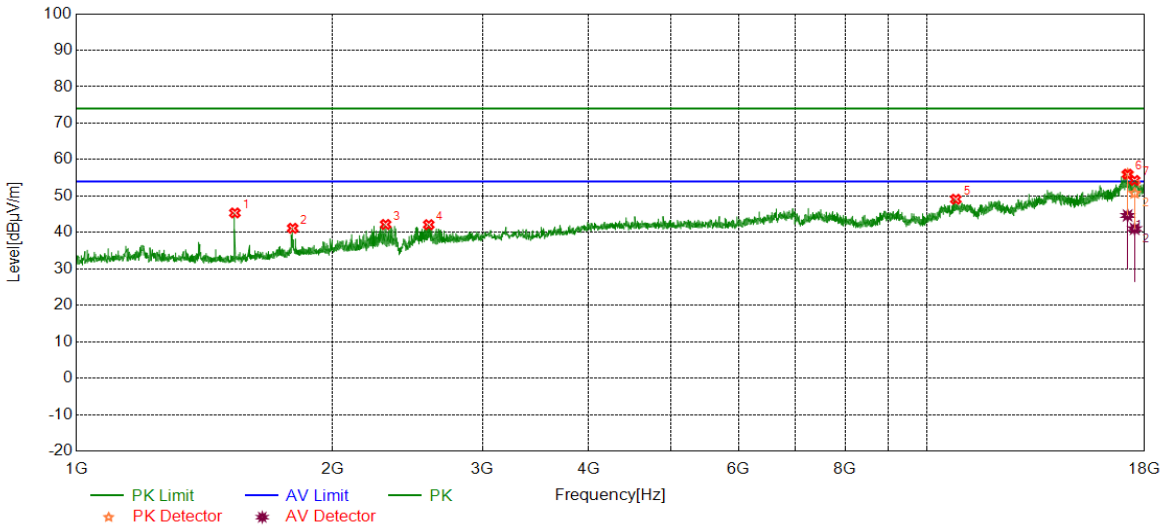
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.1787	54.81	-5.68	49.13	74.00	-24.87	peak
2	4902.8171	43.47	5.07	48.54	74.00	-25.46	peak
3	5820.4701	40.11	5.52	45.63	74.00	-28.37	peak
4	13931.8220	35.64	16.04	51.68	74.00	-22.32	peak
5	17184.8641	35.41	19.57	54.98	74.00	-19.02	peak
		25.39	19.57	44.96	54.00	-9.04	average
6	17604.9342	35.89	19.03	54.92	74.00	-19.08	peak
		24.55	19.03	43.58	54.00	-10.42	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



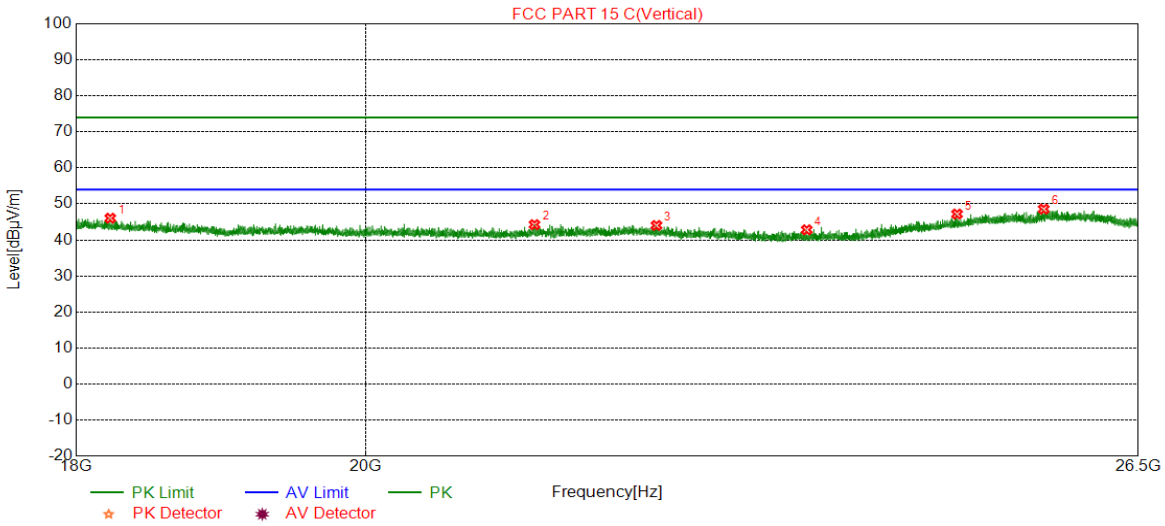
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.5118	51.04	-5.69	45.35	74.00	-28.65	peak
2	1795.5985	45.06	-3.92	41.14	74.00	-32.86	peak
3	2309.1030	43.89	-1.70	42.19	74.00	-31.81	peak
4	2594.5315	42.91	-0.79	42.12	74.00	-31.88	peak
5	10798.7998	36.11	13.00	49.11	74.00	-24.89	peak
6	17189.8650	36.44	19.54	55.98	74.00	-18.02	peak
		25.11	19.54	44.65	54.00	-9.35	average
7	17519.9200	34.39	19.89	54.28	74.00	-19.72	peak
		21.10	19.89	40.99	54.00	-13.01	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. AVG: VBW=10 Hz.
6. 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.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part II: 18GHz~26.5GHz

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

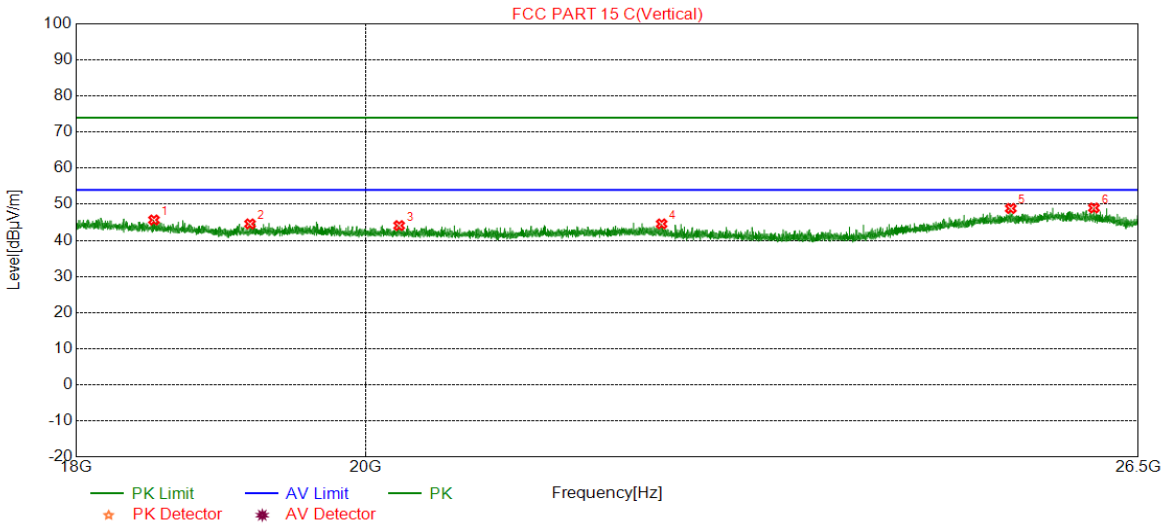
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18223.5724	44.91	1.13	46.04	74.00	-27.96	peak
2	21269.4269	42.88	1.37	44.25	74.00	-29.75	peak
3	22235.9736	42.14	1.88	44.02	74.00	-29.98	peak
4	23487.2987	41.67	1.14	42.81	74.00	-31.19	peak
5	24809.1809	43.13	4.06	47.19	74.00	-26.81	peak
6	25604.8605	42.86	5.70	48.56	74.00	-25.44	peak

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

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



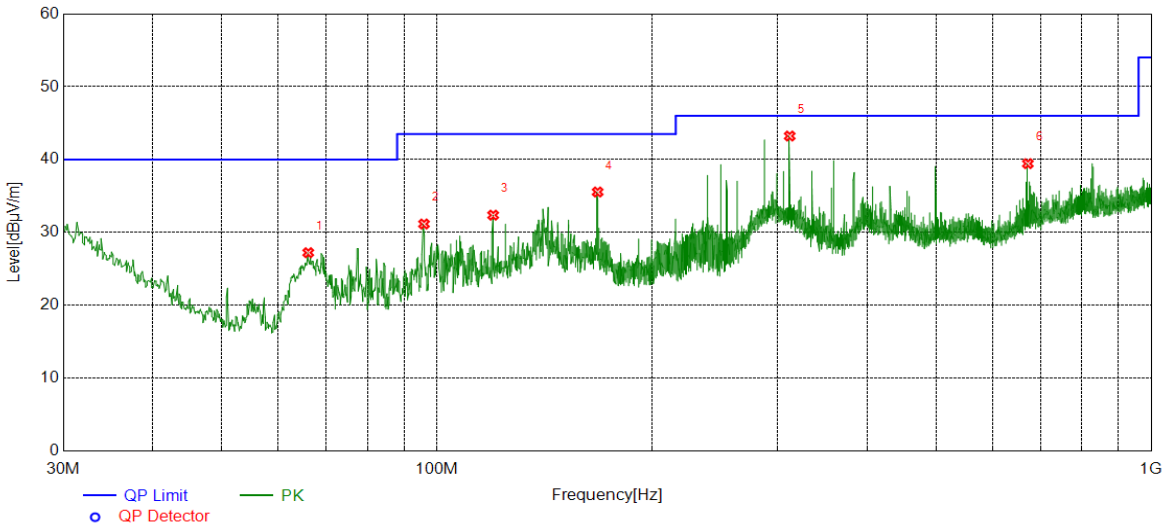
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18516.0016	44.65	1.01	45.66	74.00	-28.34	peak
2	19175.6676	43.82	0.75	44.57	74.00	-29.43	peak
3	20245.9246	42.58	1.52	44.10	74.00	-29.90	peak
4	22277.6278	42.74	1.83	44.57	74.00	-29.43	peak
5	25299.6800	43.68	5.16	48.84	74.00	-25.16	peak
6	26077.5078	42.65	6.34	48.99	74.00	-25.01	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.

Part III: 30MHz~1GHz

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

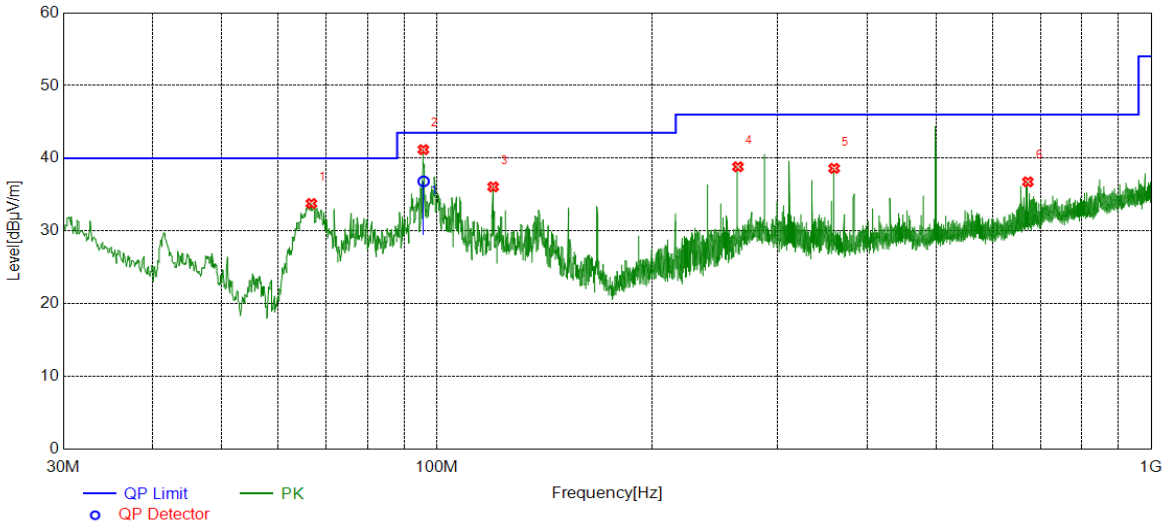
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	66.0876	12.77	14.45	27.22	40.00	-12.78	peak
2	95.9666	15.32	15.84	31.16	43.50	-12.34	peak
3	119.9280	12.05	20.32	32.37	43.50	-11.13	peak
4	167.9478	17.19	18.36	35.55	43.50	-7.95	peak
5	311.9102	22.50	20.73	43.23	46.00	-2.77	peak
6	672.0102	11.50	27.94	39.44	46.00	-6.56	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.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



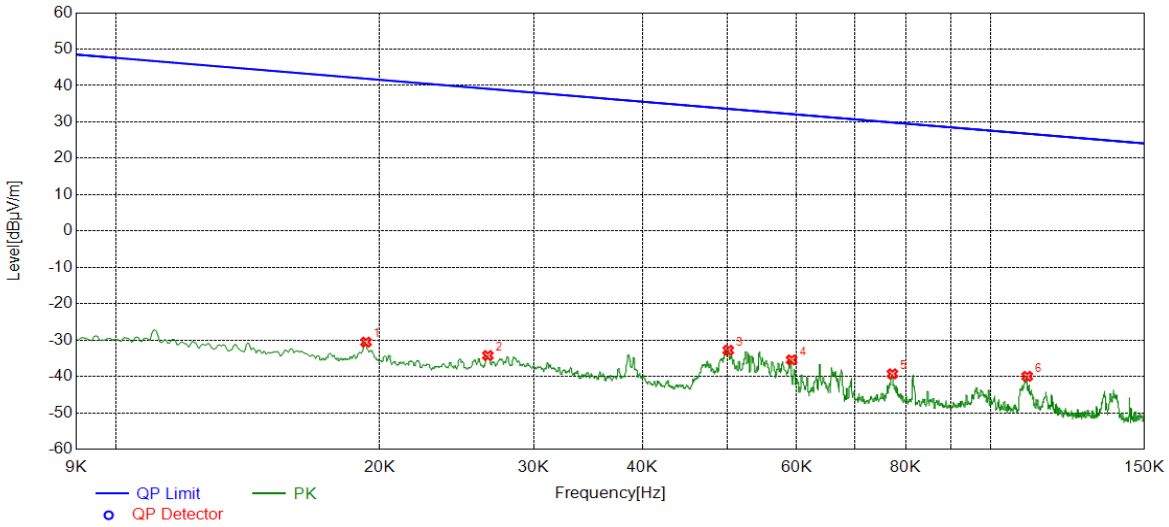
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	66.7667	19.28	14.50	33.78	40.00	-6.22	peak
2	95.7726	25.40	15.79	41.19	43.50	-2.31	peak
3	119.9280	15.75	20.32	36.07	43.50	-7.43	peak
4	263.9874	19.48	19.35	38.83	46.00	-7.17	peak
5	359.9300	16.69	21.92	38.61	46.00	-7.39	peak
6	672.0102	8.82	27.94	36.76	46.00	-9.24	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.

Part IV: 9KHz~30MHz

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

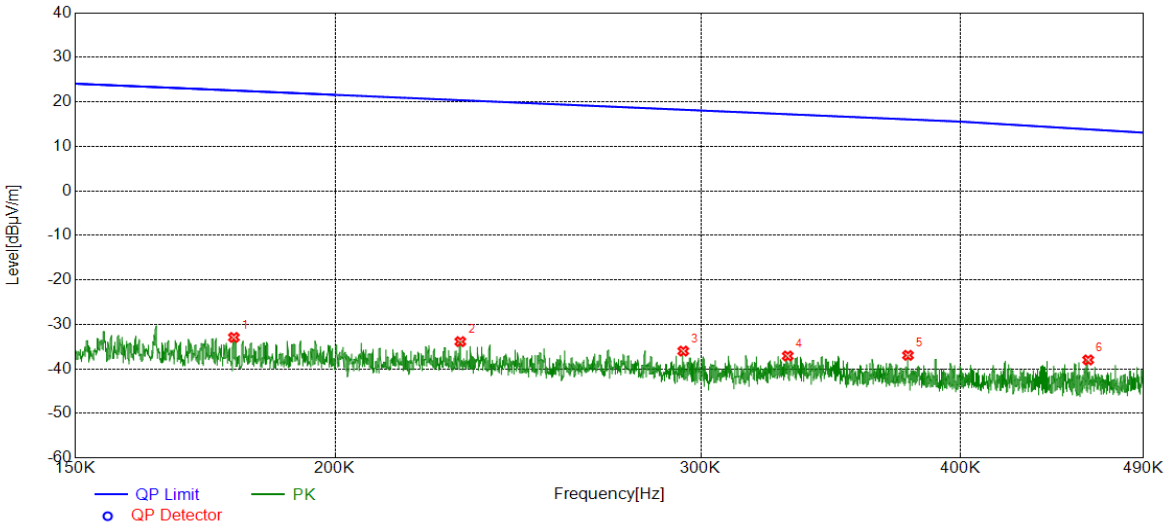
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0193	30.42	-60.98	-30.56	41.89	-72.45	peak
2	0.0266	26.75	-61.00	-34.25	39.11	-73.36	peak
3	0.0501	28.37	-61.16	-32.79	33.60	-66.39	peak
4	0.0592	25.86	-61.30	-35.44	32.16	-67.60	peak
5	0.0772	22.21	-61.49	-39.28	29.85	-69.13	peak
6	0.1101	21.00	-60.97	-39.97	26.77	-66.74	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

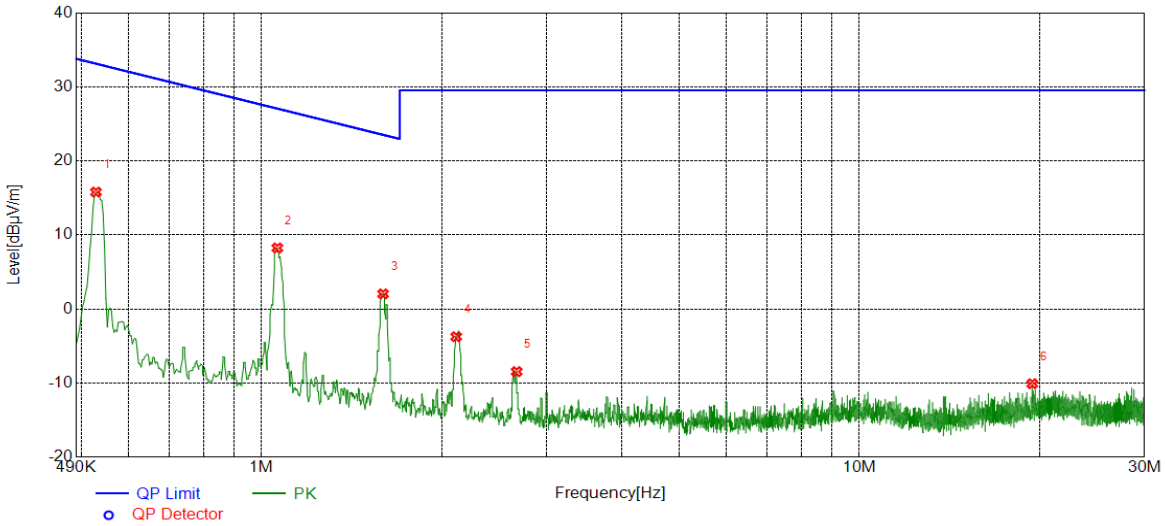
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~490KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1788	28.38	-61.30	-32.92	22.56	-55.48	peak
2	0.2298	27.18	-61.05	-33.87	20.37	-54.24	peak
3	0.2942	24.91	-60.90	-35.99	18.23	-54.22	peak
4	0.3303	23.78	-60.87	-37.09	17.23	-54.32	peak
5	0.3774	23.89	-60.83	-36.94	16.07	-53.01	peak
6	0.4608	22.78	-60.76	-37.98	13.83	-51.81	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

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	0.5284	36.52	-20.73	15.79	33.14	-17.35	peak
2	1.0626	28.72	-20.48	8.24	27.08	-18.84	peak
3	1.5967	22.43	-20.39	2.04	23.54	-21.50	peak
4	2.1162	16.62	-20.36	-3.74	29.54	-33.28	peak
5	2.6710	12.04	-20.50	-8.46	29.54	-38.00	peak
6	19.4609	7.57	-17.65	-10.08	29.54	-39.62	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

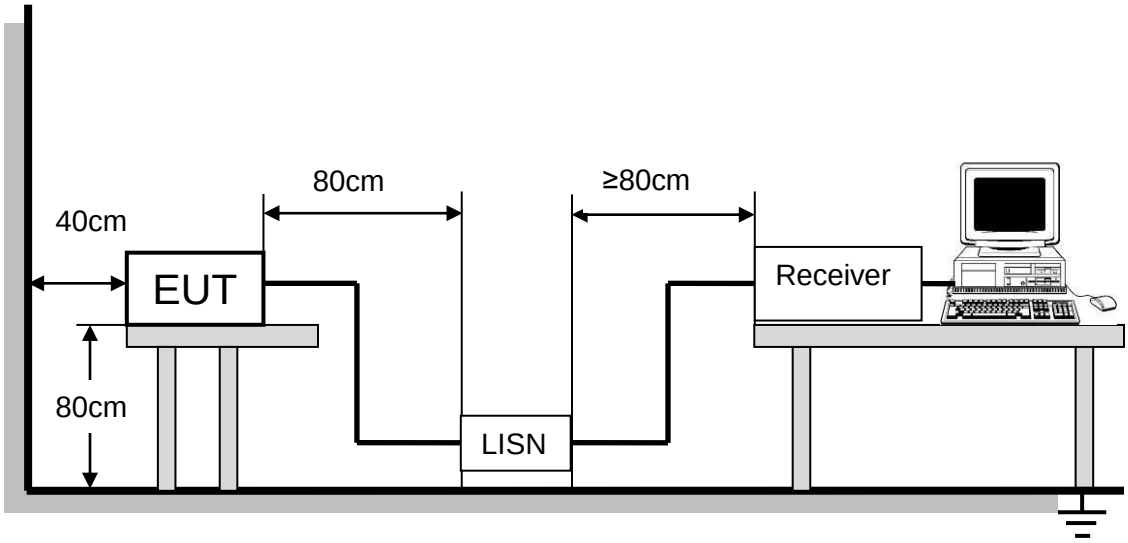
8. AC POWER LINE CONDUCTED EMISSIONS

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

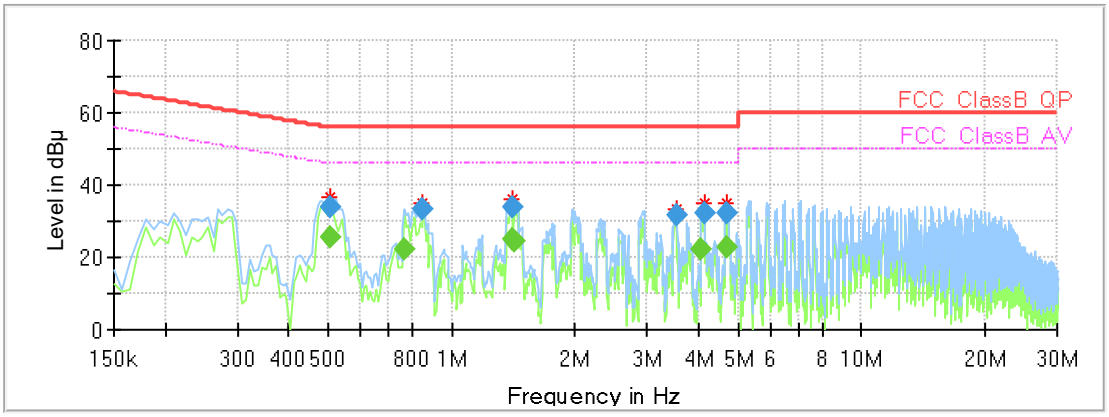


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:

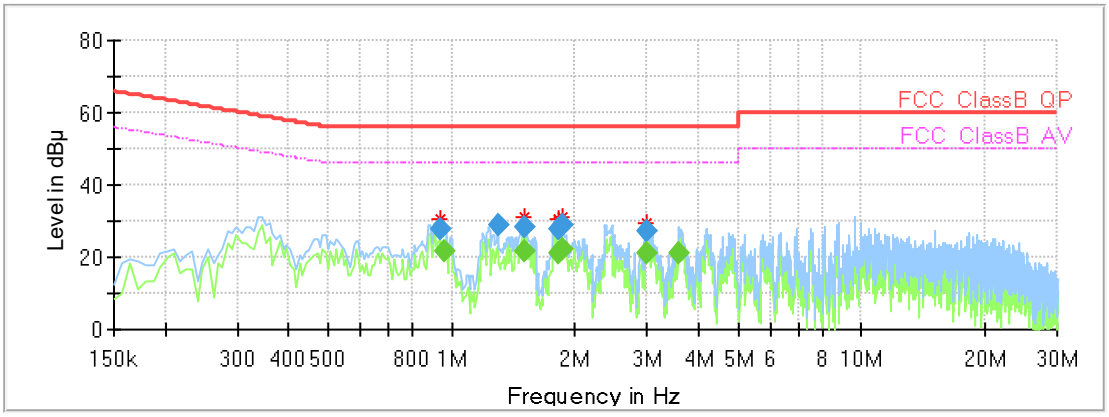


Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.508200	---	25.30	46.00	20.70	1000.0	9.000	L1	OFF	9.6
0.508200	33.84	---	56.00	22.16	1000.0	9.000	L1	OFF	9.6
0.769388	---	22.06	46.00	23.94	1000.0	9.000	L1	OFF	9.6
0.851475	33.24	---	56.00	22.76	1000.0	9.000	L1	OFF	9.6
1.403700	33.80	---	56.00	22.20	1000.0	9.000	L1	OFF	9.6
1.403700	---	24.96	46.00	21.04	1000.0	9.000	L1	OFF	9.6
1.426088	---	24.21	46.00	21.79	1000.0	9.000	L1	OFF	9.6
3.530513	31.55	---	56.00	24.45	1000.0	9.000	L1	OFF	9.7
4.067813	---	22.39	46.00	23.61	1000.0	9.000	L1	OFF	9.7
4.142438	32.28	---	56.00	23.72	1000.0	9.000	L1	OFF	9.7
4.687200	32.18	---	56.00	23.82	1000.0	9.000	L1	OFF	9.7
4.702125	---	23.00	46.00	23.00	1000.0	9.000	L1	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.

For N Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.941025	28.03	---	56.00	27.97	1000.0	9.000	N	OFF	9.6
0.963413	---	21.75	46.00	24.25	1000.0	9.000	N	OFF	9.6
1.299225	28.71	---	56.00	27.29	1000.0	9.000	N	OFF	9.6
1.508175	---	21.90	46.00	24.10	1000.0	9.000	N	OFF	9.6
1.508175	28.12	---	56.00	27.88	1000.0	9.000	N	OFF	9.6
1.814138	---	21.34	46.00	24.66	1000.0	9.000	N	OFF	9.6
1.814138	28.00	---	56.00	28.00	1000.0	9.000	N	OFF	9.6
1.858913	---	22.49	46.00	23.51	1000.0	9.000	N	OFF	9.6
1.858913	28.74	---	56.00	27.26	1000.0	9.000	N	OFF	9.6
2.993213	---	21.30	46.00	24.70	1000.0	9.000	N	OFF	9.7
2.993213	27.10	---	56.00	28.90	1000.0	9.000	N	OFF	9.7
3.582750	---	21.27	46.00	24.73	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.

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 CONNECTOR

EUT has a EUT with one Meander Antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT