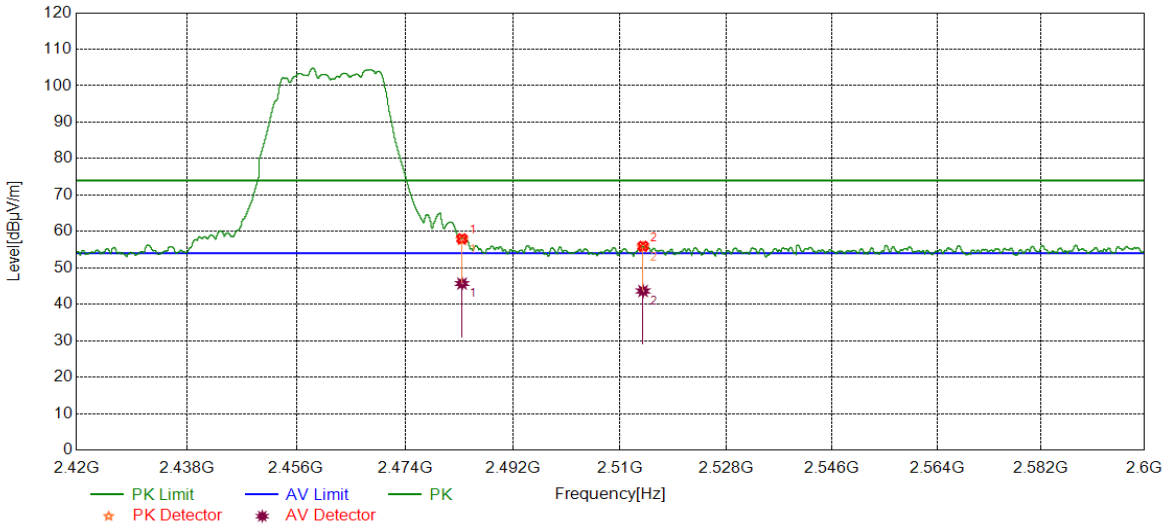
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	44.49	13.51	58.00	74.00	-16.00	peak
		32.18	13.51	45.69	54.00	-8.31	average
2	2513.8794	42.20	13.75	55.95	74.00	-18.05	peak
		29.90	13.75	43.65	54.00	-10.35	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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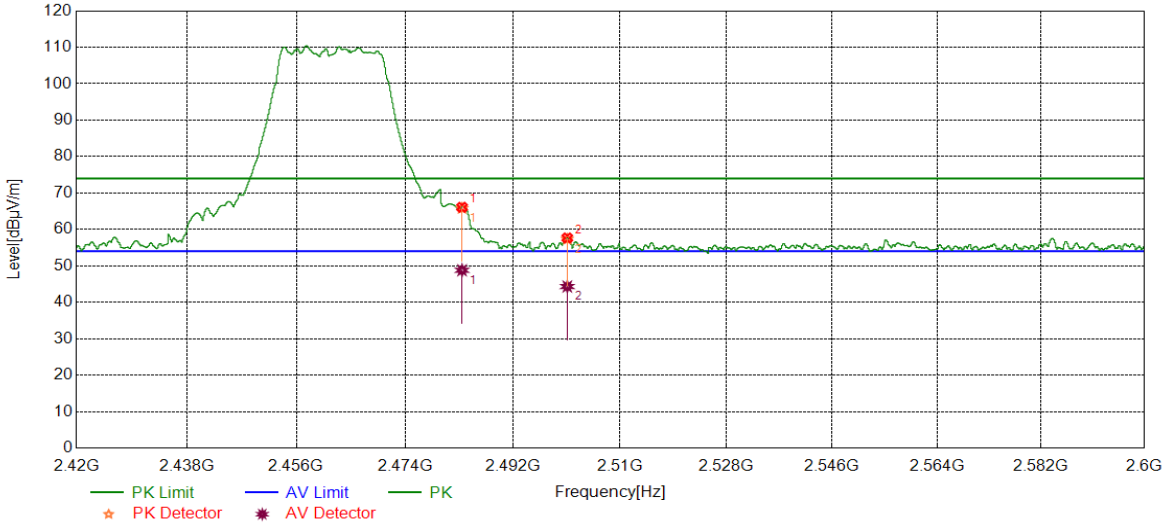
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	52.58	13.51	66.09	74.00	-7.91	peak
		35.28	13.51	48.79	54.00	-5.21	average
2	2501.1161	43.99	13.68	57.67	74.00	-16.33	peak
		30.65	13.68	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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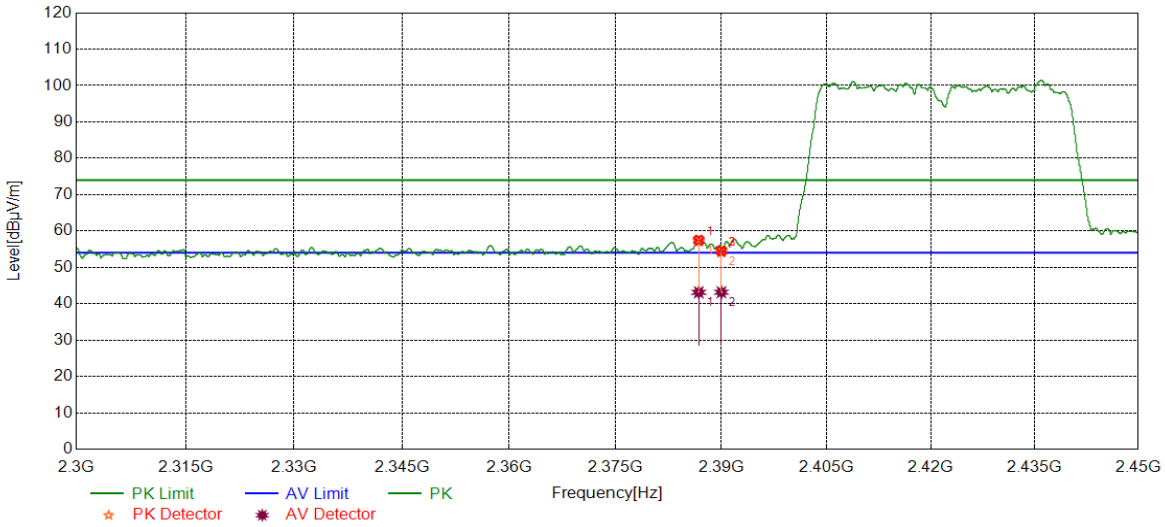
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.7858	43.73	13.75	57.48	74.00	-16.52	peak
		29.39	13.75	43.14	54.00	-10.86	average
2	2390.0000	40.76	13.75	54.51	74.00	-19.49	peak
		29.41	13.75	43.16	54.00	-10.84	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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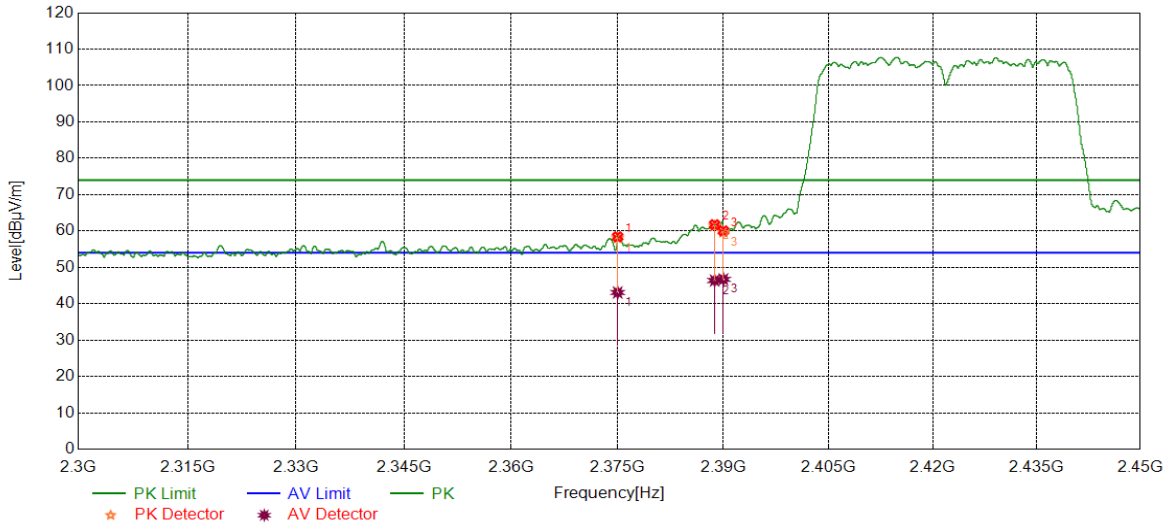
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.0094	44.84	13.59	58.43	74.00	-15.57	peak
		29.50	13.59	43.09	54.00	-10.91	average
2	2388.7548	48.01	13.75	61.76	74.00	-12.24	peak
		32.64	13.75	46.39	54.00	-7.61	average
3	2390.0000	46.31	13.75	60.06	74.00	-13.94	peak
		32.95	13.75	46.70	54.00	-7.30	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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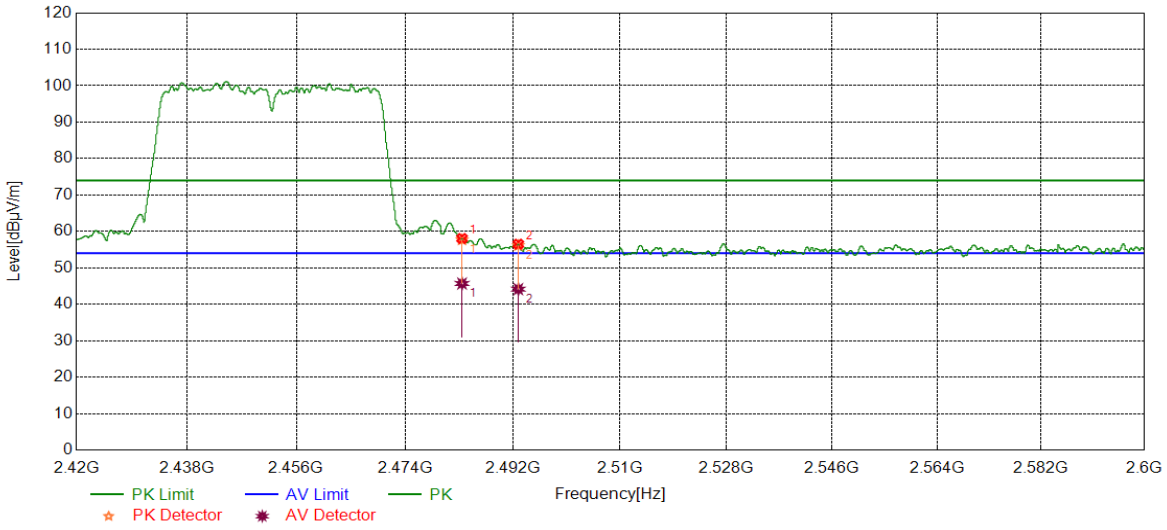
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	44.56	13.51	58.07	74.00	-15.93	peak
		32.19	13.51	45.70	54.00	-8.30	average
2	2492.9073	42.93	13.59	56.52	74.00	-17.48	peak
		30.57	13.59	44.16	54.00	-9.84	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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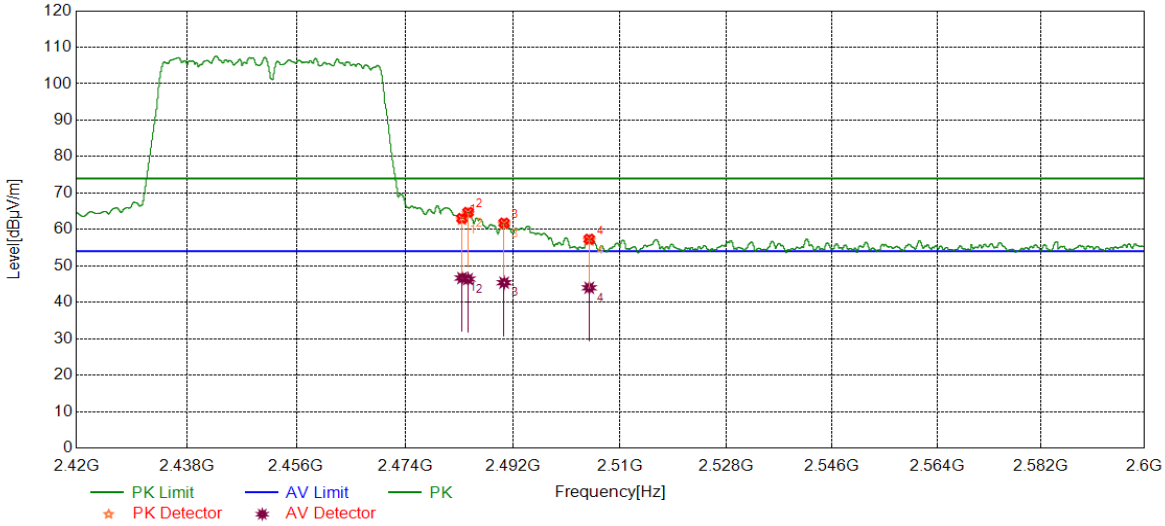
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	49.53	13.51	63.04	74.00	-10.96	peak
		33.15	13.51	46.66	54.00	-7.34	average
2	2484.5005	51.19	13.52	64.71	74.00	-9.29	peak
		32.85	13.52	46.37	54.00	-7.63	average
3	2490.5311	48.20	13.56	61.76	74.00	-12.24	peak
		31.83	13.56	45.39	54.00	-8.61	average
4	2504.8065	43.66	13.68	57.34	74.00	-16.66	peak
		30.30	13.68	43.98	54.00	-10.02	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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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7.6.4. SPURIOUS EMISSIONS

Test Result Table:
1) For 1GHz~3GHz

Test Mode	Test Antenna	Channel	Puw(dBuV/m)	Verdict
11B	Antenna1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Remark:
1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.
2) For 11B and 11G modes, through pre-testing both antenna1 and antenna2, only the data of worse case is included in this report.
3) For 11N HT20 and 11N HT40 modes, through pre-testing both modes(including SISO and MIMO) and antennas, only the data of worse case is included in this test report.

2) For 3GHz~18GHz

Test Mode	Test Antenna	Channel	Puw(dBuV/m)	Verdict
11B	Antenna1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Remark:
1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.

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2) For 11B and 11G modes, through pre-testing both antenna1 and antenna2, only the data of worse case is included in this report.
3) For 11N HT20 and 11N HT40 modes, through pre-testing both modes(including SISO and MIMO) and antennas, only the data of worse case is included in this test report.

3) For 9KHz~30MHz

Test Mode	Test Antenna	Channel	Puw(dBuV/m)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

4) For 30MHz~1GHz

Test Mode	Test Antenna	Channel	Puw(dBuV/m)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

5) For 18GHz~26.5GHz

Test Mode	Test Antenna	Channel	Puw(dBuV/m)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

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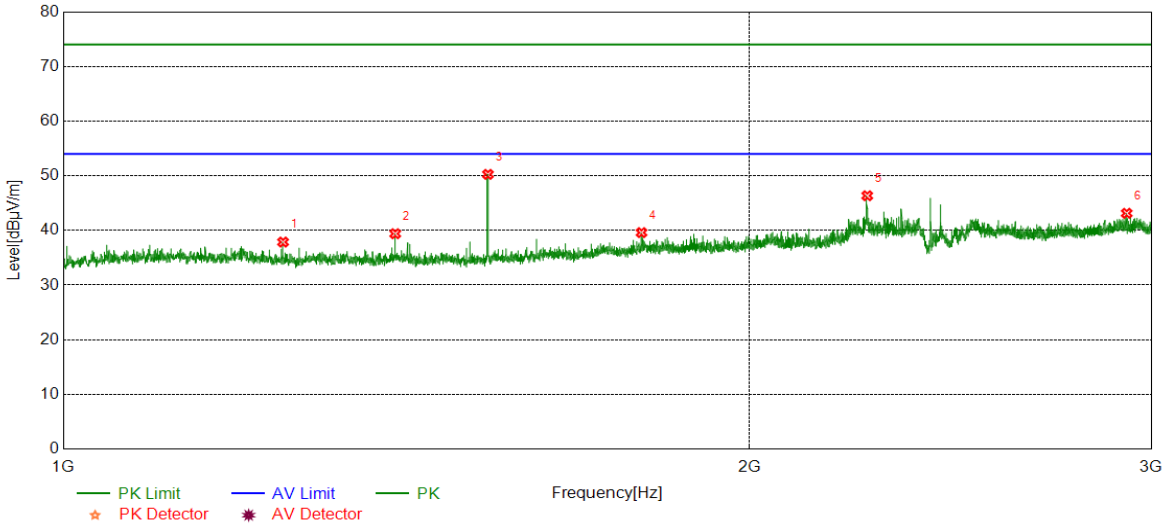
Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1248.5311	43.47	-5.60	37.87	74.00	-36.13	peak
2	1398.2998	44.98	-5.58	39.40	74.00	-34.60	peak
3	1535.5669	55.95	-5.69	50.26	74.00	-23.74	peak
4	1793.0991	43.55	-3.95	39.60	74.00	-34.40	peak
5	2252.1565	48.60	-2.25	46.35	74.00	-27.65	peak
6	2926.7408	42.62	0.52	43.14	74.00	-30.86	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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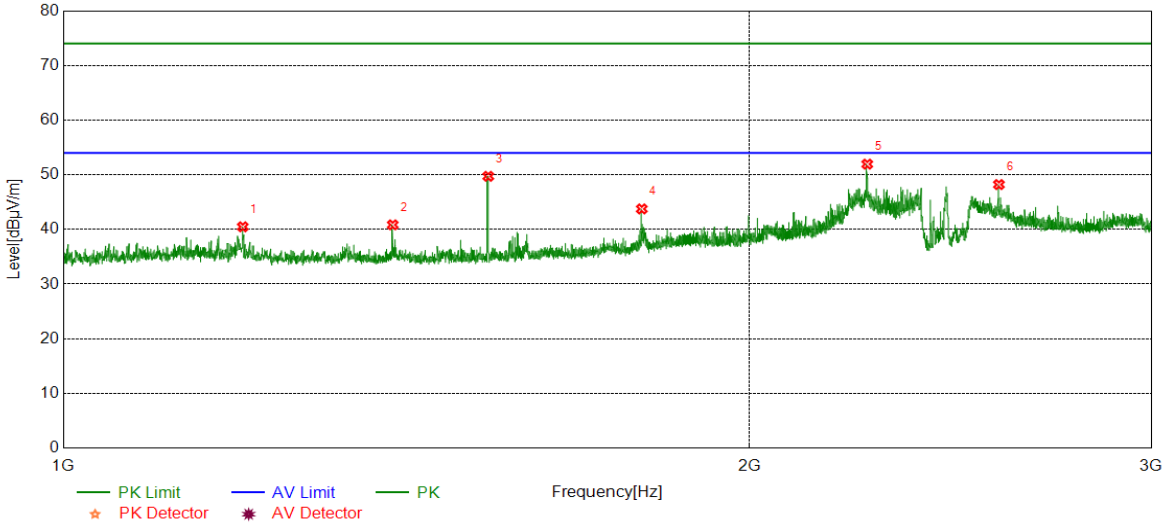
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.7748	46.02	-5.54	40.48	74.00	-33.52	peak
2	1394.7994	46.50	-5.66	40.84	74.00	-33.16	peak
3	1536.0670	55.40	-5.68	49.72	74.00	-24.28	peak
4	1793.5992	47.70	-3.95	43.75	74.00	-30.25	peak
5	2252.1565	54.20	-2.25	51.95	74.00	-22.05	peak
6	2572.4466	49.07	-0.86	48.21	74.00	-25.79	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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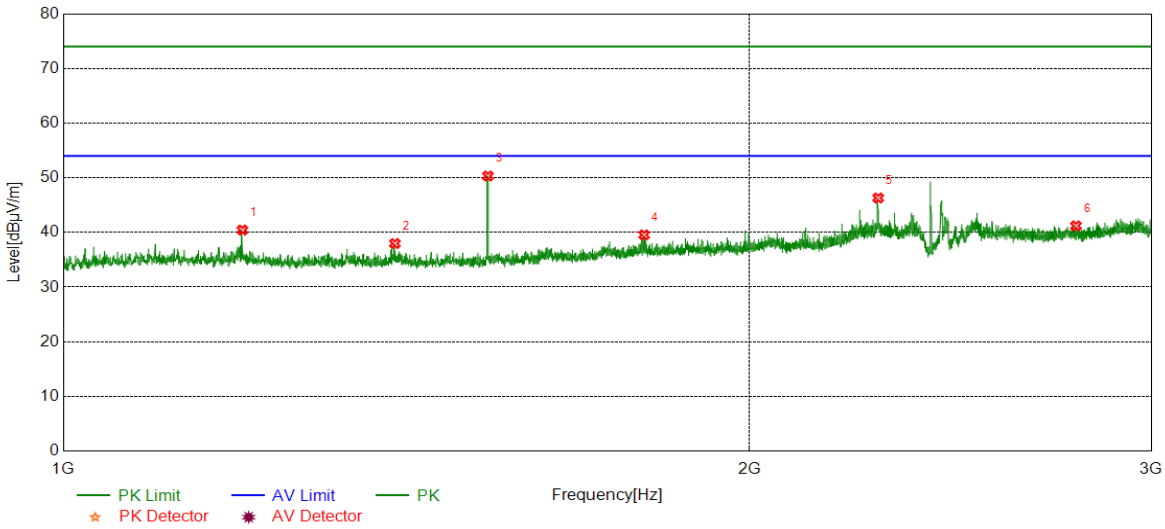
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.2748	45.98	-5.54	40.44	74.00	-33.56	peak
2	1397.7997	43.56	-5.59	37.97	74.00	-36.03	peak
3	1535.5669	56.01	-5.69	50.32	74.00	-23.68	peak
4	1797.8497	43.45	-3.90	39.55	74.00	-34.45	peak
5	2277.1596	48.42	-2.11	46.31	74.00	-27.69	peak
6	2780.4726	41.47	-0.27	41.20	74.00	-32.80	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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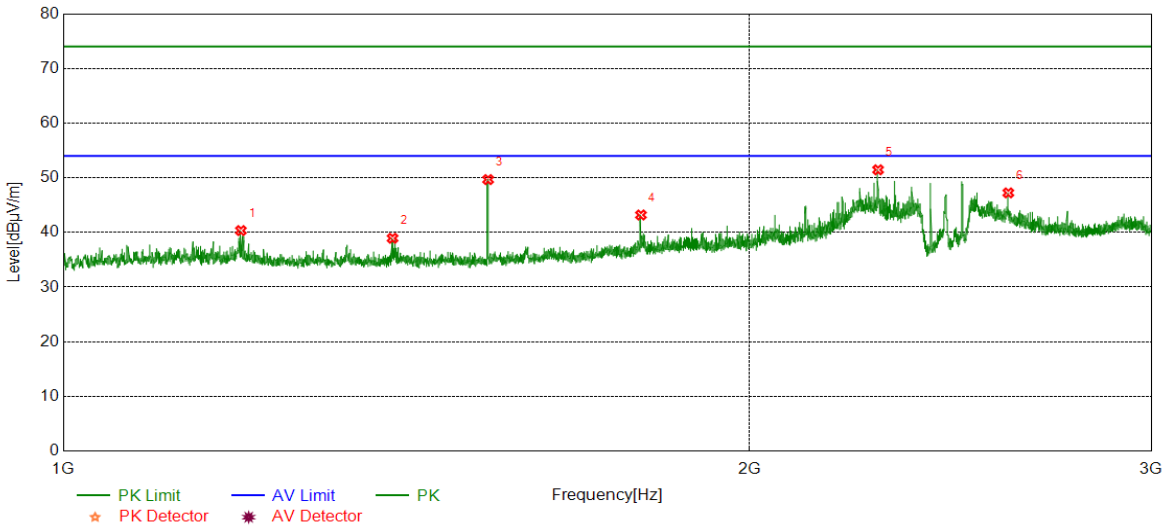
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1196.5246	45.88	-5.54	40.34	74.00	-33.66	peak
2	1394.5493	44.59	-5.66	38.93	74.00	-35.07	peak
3	1535.8170	55.35	-5.68	49.67	74.00	-24.33	peak
4	1792.0990	47.15	-3.96	43.19	74.00	-30.81	peak
5	2276.9096	53.58	-2.12	51.46	74.00	-22.54	peak
6	2596.9496	47.98	-0.74	47.24	74.00	-26.76	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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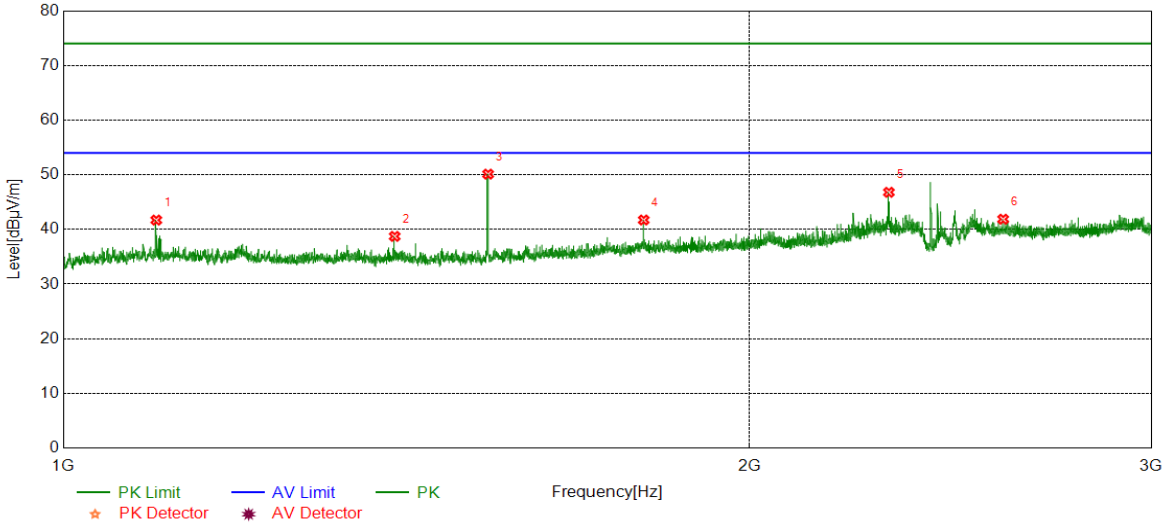
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1098.5123	47.26	-5.55	41.71	74.00	-32.29	peak
2	1397.5497	44.33	-5.60	38.73	74.00	-35.27	peak
3	1535.8170	55.80	-5.68	50.12	74.00	-23.88	peak
4	1797.0996	45.64	-3.91	41.73	74.00	-32.27	peak
5	2301.9127	48.65	-1.85	46.80	74.00	-27.20	peak
6	2583.4479	42.85	-0.98	41.87	74.00	-32.13	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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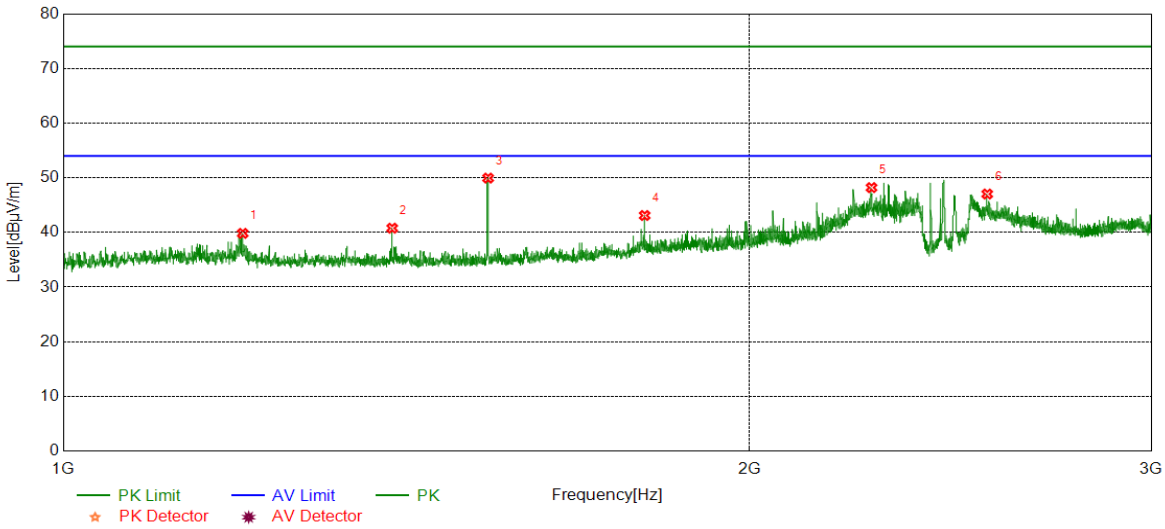
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	45.37	-5.54	39.83	74.00	-34.17	peak
2	1394.0493	46.45	-5.67	40.78	74.00	-33.22	peak
3	1535.8170	55.62	-5.68	49.94	74.00	-24.06	peak
4	1798.8499	46.99	-3.89	43.10	74.00	-30.90	peak
5	2261.9077	50.39	-2.19	48.20	74.00	-25.80	peak
6	2542.1928	48.12	-1.09	47.03	74.00	-26.97	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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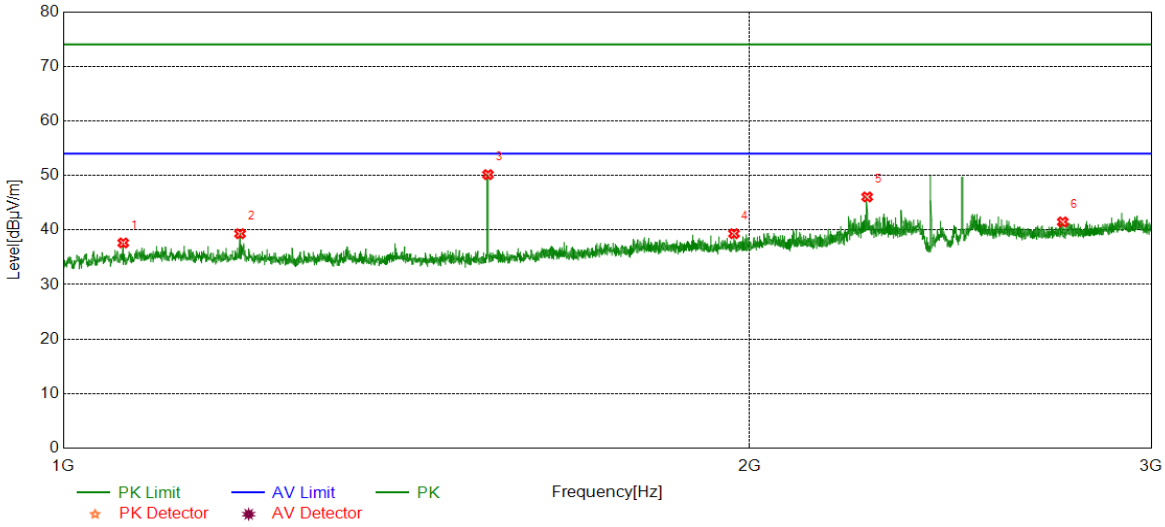
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.5078	43.13	-5.50	37.63	74.00	-36.37	peak
2	1195.5244	44.86	-5.54	39.32	74.00	-34.68	peak
3	1535.5669	55.84	-5.69	50.15	74.00	-23.85	peak
4	1968.6211	42.60	-3.27	39.33	74.00	-34.67	peak
5	2251.9065	48.31	-2.25	46.06	74.00	-27.94	peak
6	2743.7180	41.96	-0.48	41.48	74.00	-32.52	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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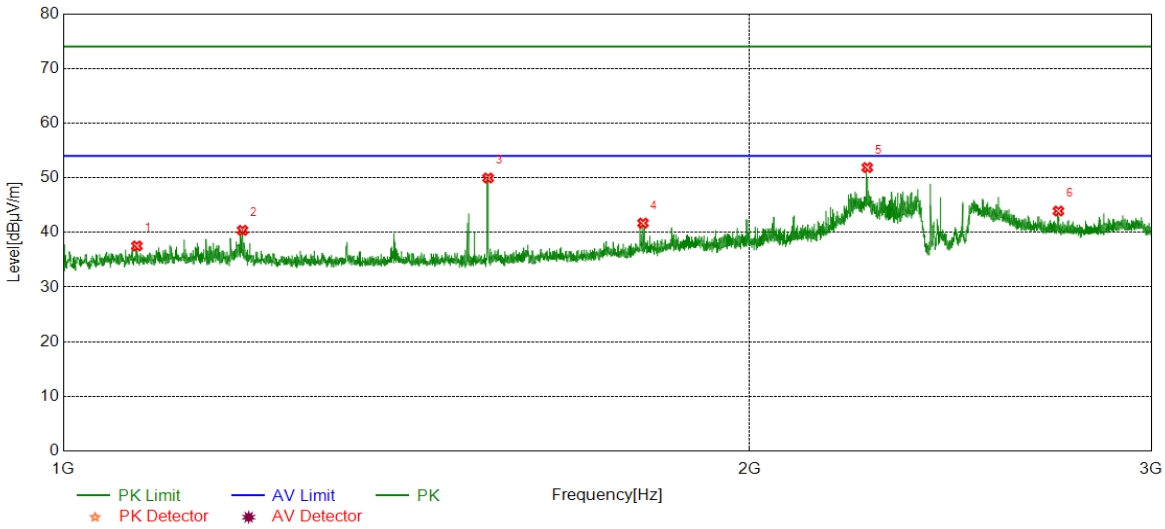
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1077.2597	43.04	-5.52	37.52	74.00	-36.48	peak
2	1198.5248	45.92	-5.54	40.38	74.00	-33.62	peak
3	1535.8170	55.64	-5.68	49.96	74.00	-24.04	peak
4	1795.8495	45.63	-3.92	41.71	74.00	-32.29	peak
5	2252.1565	54.12	-2.25	51.87	74.00	-22.13	peak
6	2731.7165	44.38	-0.47	43.91	74.00	-30.09	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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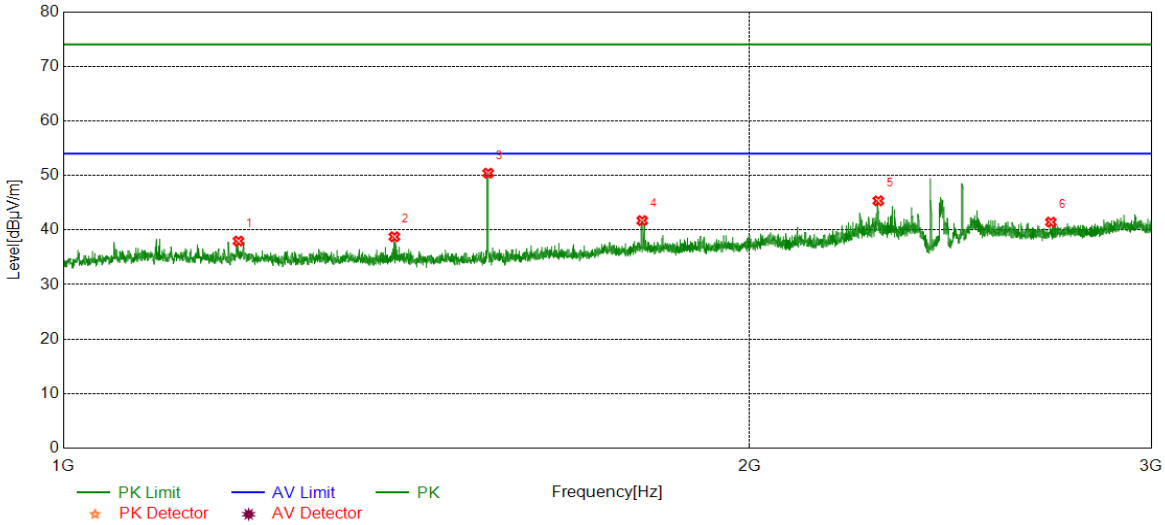
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1193.5242	43.52	-5.55	37.97	74.00	-36.03	peak
2	1397.0496	44.37	-5.61	38.76	74.00	-35.24	peak
3	1535.8170	56.10	-5.68	50.42	74.00	-23.58	peak
4	1794.3493	45.66	-3.94	41.72	74.00	-32.28	peak
5	2277.4097	47.46	-2.11	45.35	74.00	-28.65	peak
6	2710.9639	41.69	-0.24	41.45	74.00	-32.55	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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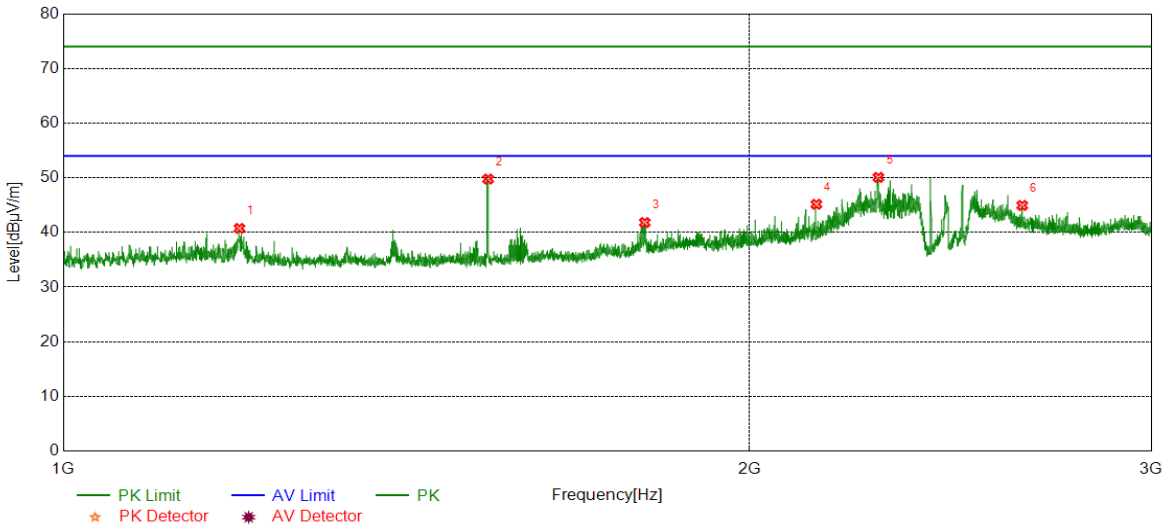
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.7743	46.29	-5.55	40.74	74.00	-33.26	peak
2	1535.8170	55.45	-5.68	49.77	74.00	-24.23	peak
3	1799.0999	45.70	-3.89	41.81	74.00	-32.19	peak
4	2139.3924	47.75	-2.60	45.15	74.00	-28.85	peak
5	2277.6597	52.18	-2.11	50.07	74.00	-23.93	peak
6	2633.7042	45.75	-0.81	44.94	74.00	-29.06	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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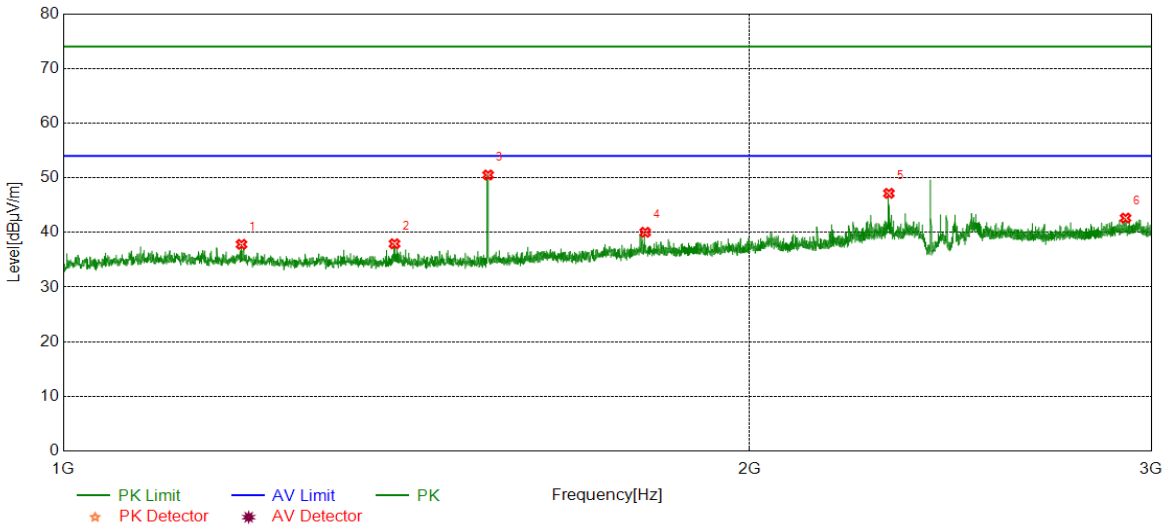
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.2747	43.36	-5.54	37.82	74.00	-36.18	peak
2	1397.2997	43.52	-5.60	37.92	74.00	-36.08	peak
3	1535.8170	56.19	-5.68	50.51	74.00	-23.49	peak
4	1799.8500	43.91	-3.88	40.03	74.00	-33.97	peak
5	2301.9127	49.00	-1.85	47.15	74.00	-26.85	peak
6	2923.2404	42.07	0.56	42.63	74.00	-31.37	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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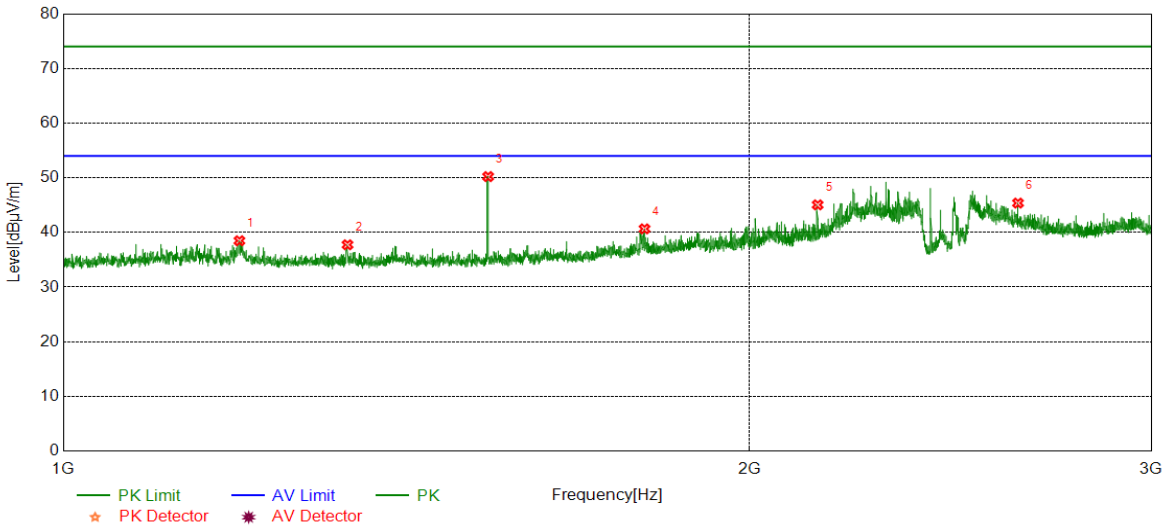
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.7743	44.03	-5.55	38.48	74.00	-35.52	peak
2	1332.5416	43.37	-5.63	37.74	74.00	-36.26	peak
3	1535.8170	55.90	-5.68	50.22	74.00	-23.78	peak
4	1798.5998	44.54	-3.89	40.65	74.00	-33.35	peak
5	2142.1428	47.63	-2.58	45.05	74.00	-28.95	peak
6	2622.4528	45.98	-0.61	45.37	74.00	-28.63	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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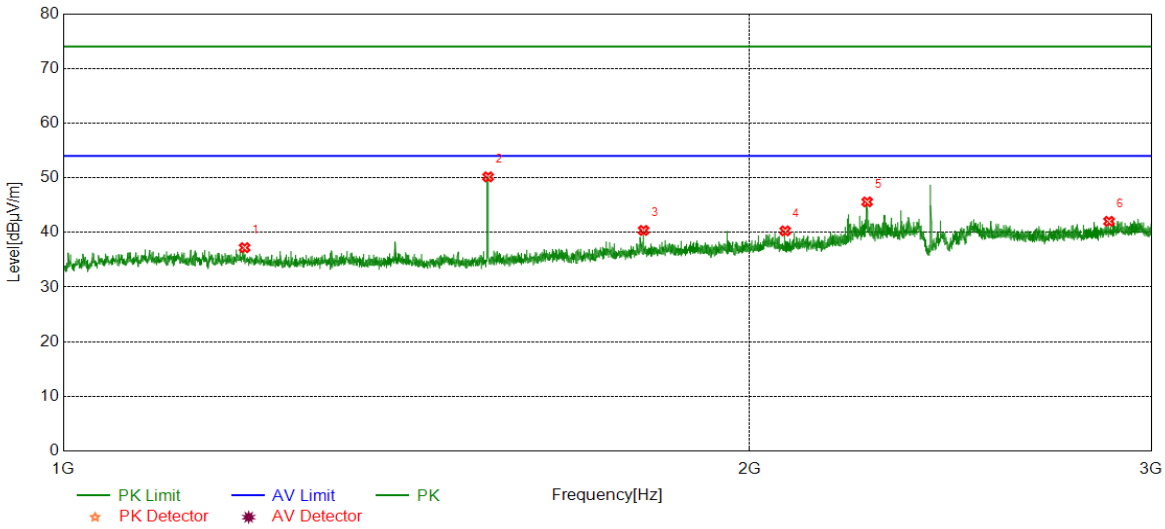
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1201.0251	42.76	-5.55	37.21	74.00	-36.79	peak
2	1535.8170	55.85	-5.68	50.17	74.00	-23.83	peak
3	1796.8496	44.28	-3.91	40.37	74.00	-33.63	peak
4	2073.1341	43.05	-2.77	40.28	74.00	-33.72	peak
5	2251.9065	47.84	-2.25	45.59	74.00	-28.41	peak
6	2874.9844	41.84	0.19	42.03	74.00	-31.97	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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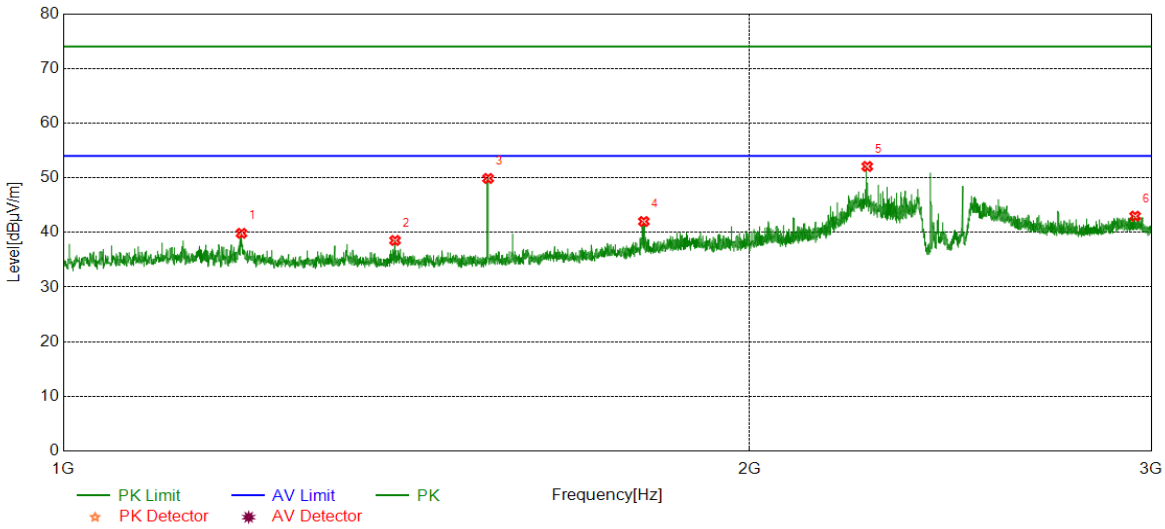
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.2747	45.38	-5.54	39.84	74.00	-34.16	peak
2	1398.0498	44.12	-5.59	38.53	74.00	-35.47	peak
3	1535.8170	55.56	-5.68	49.88	74.00	-24.12	peak
4	1797.3497	45.91	-3.91	42.00	74.00	-32.00	peak
5	2252.1565	54.32	-2.25	52.07	74.00	-21.93	peak
6	2951.7440	42.34	0.64	42.98	74.00	-31.02	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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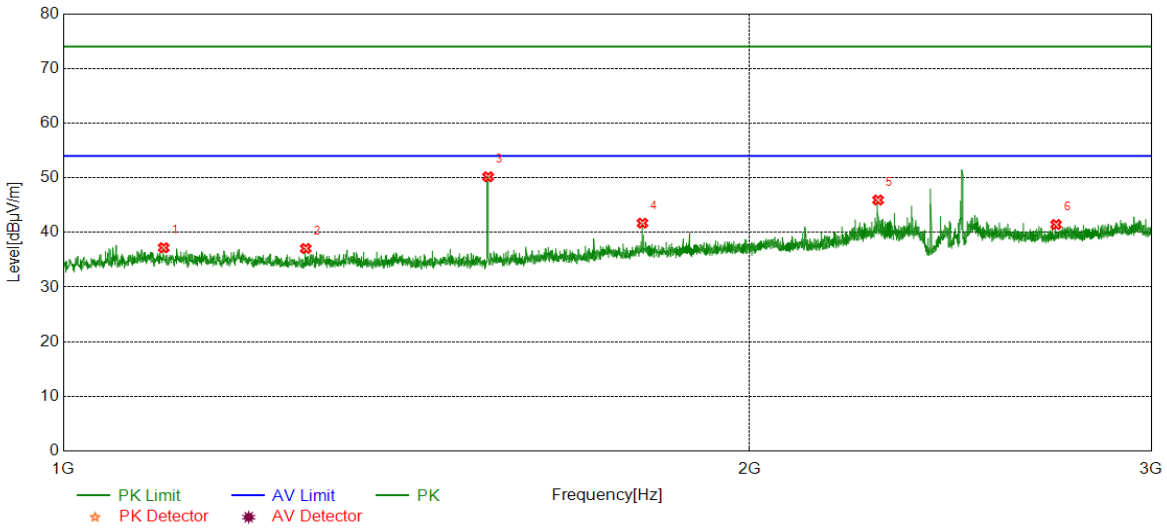
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1106.7633	42.75	-5.55	37.20	74.00	-36.80	peak
2	1277.5347	42.64	-5.58	37.06	74.00	-36.94	peak
3	1535.8170	55.86	-5.68	50.18	74.00	-23.82	peak
4	1794.8494	45.63	-3.93	41.70	74.00	-32.30	peak
5	2276.9096	48.05	-2.12	45.93	74.00	-28.07	peak
6	2725.2157	41.90	-0.45	41.45	74.00	-32.55	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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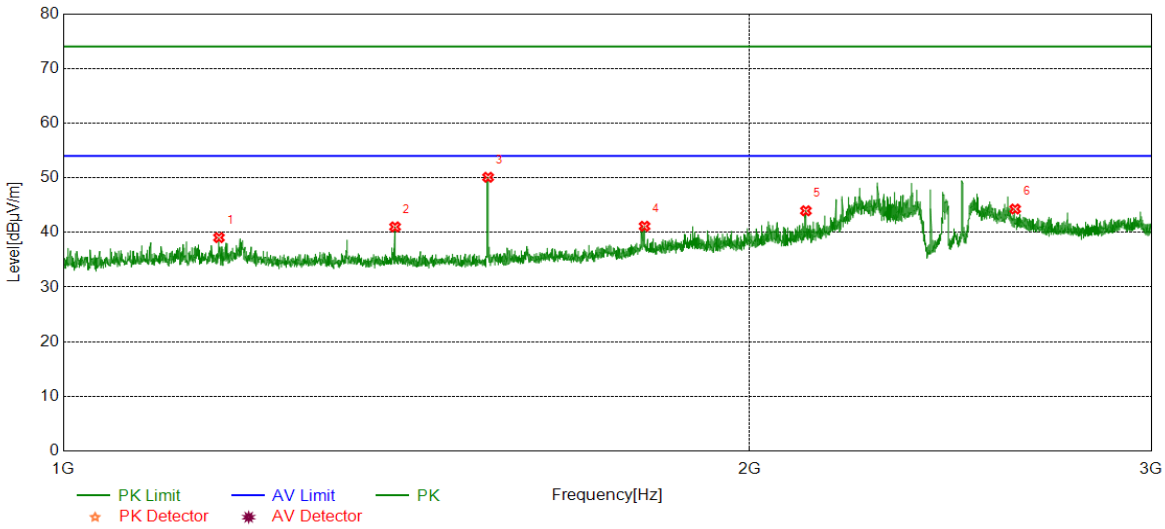
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1170.2713	44.45	-5.40	39.05	74.00	-34.95	peak
2	1398.0498	46.61	-5.59	41.02	74.00	-32.98	peak
3	1535.8170	55.77	-5.68	50.09	74.00	-23.91	peak
4	1798.5998	45.02	-3.89	41.13	74.00	-32.87	peak
5	2116.8896	46.47	-2.51	43.96	74.00	-30.04	peak
6	2614.9519	44.83	-0.55	44.28	74.00	-29.72	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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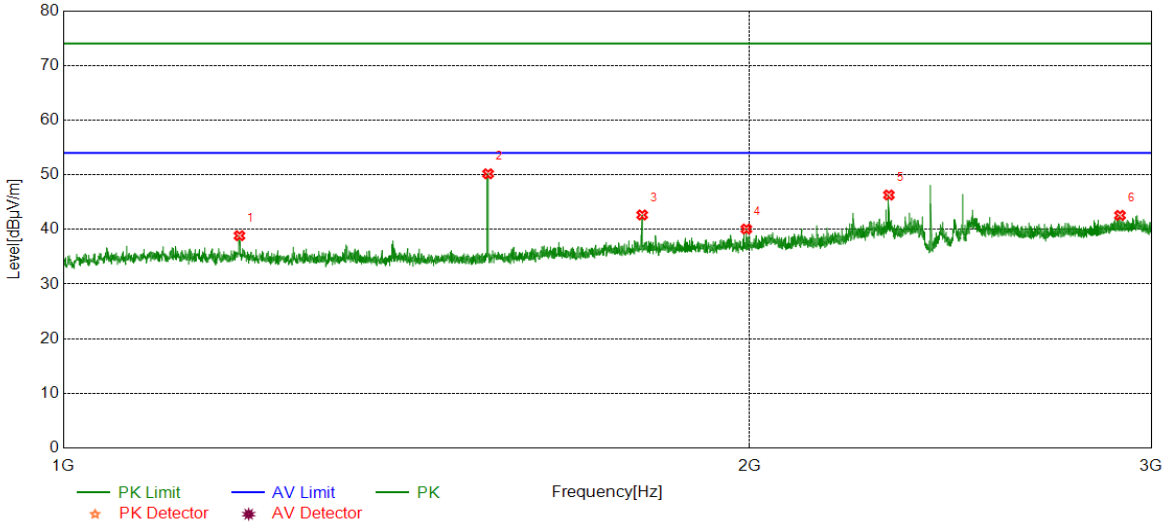
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	44.40	-5.55	38.85	74.00	-35.15	peak
2	1535.8170	55.86	-5.68	50.18	74.00	-23.82	peak
3	1794.3493	46.59	-3.94	42.65	74.00	-31.35	peak
4	1993.3742	43.15	-3.08	40.07	74.00	-33.93	peak
5	2301.9127	48.15	-1.85	46.30	74.00	-27.70	peak
6	2906.9884	42.12	0.45	42.57	74.00	-31.43	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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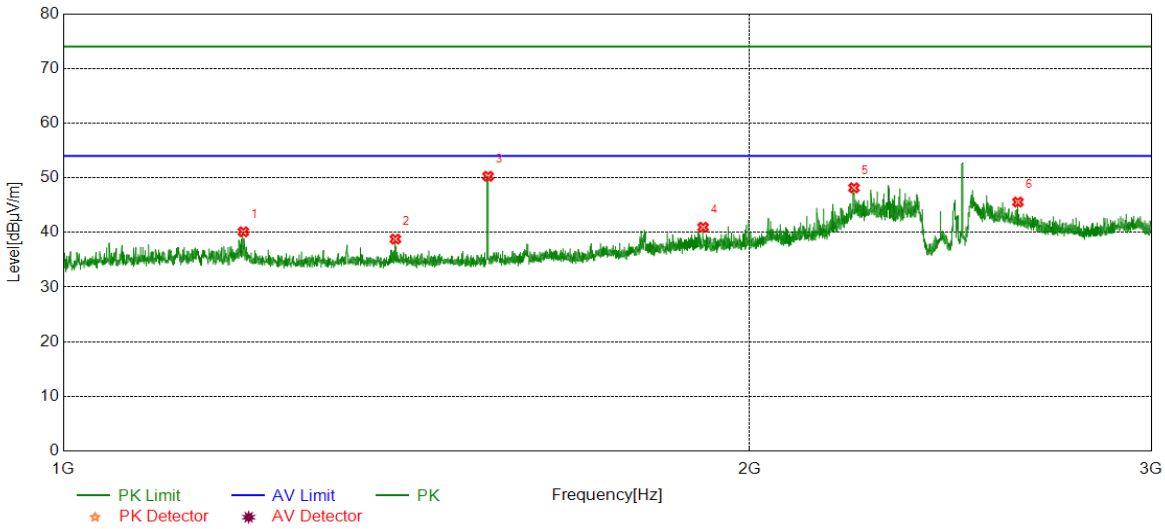
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1199.5249	45.66	-5.54	40.12	74.00	-33.88	peak
2	1398.5498	44.36	-5.58	38.78	74.00	-35.22	peak
3	1535.8170	55.96	-5.68	50.28	74.00	-23.72	peak
4	1908.1135	44.31	-3.36	40.95	74.00	-33.05	peak
5	2222.1528	50.40	-2.24	48.16	74.00	-25.84	peak
6	2622.2028	46.16	-0.60	45.56	74.00	-28.44	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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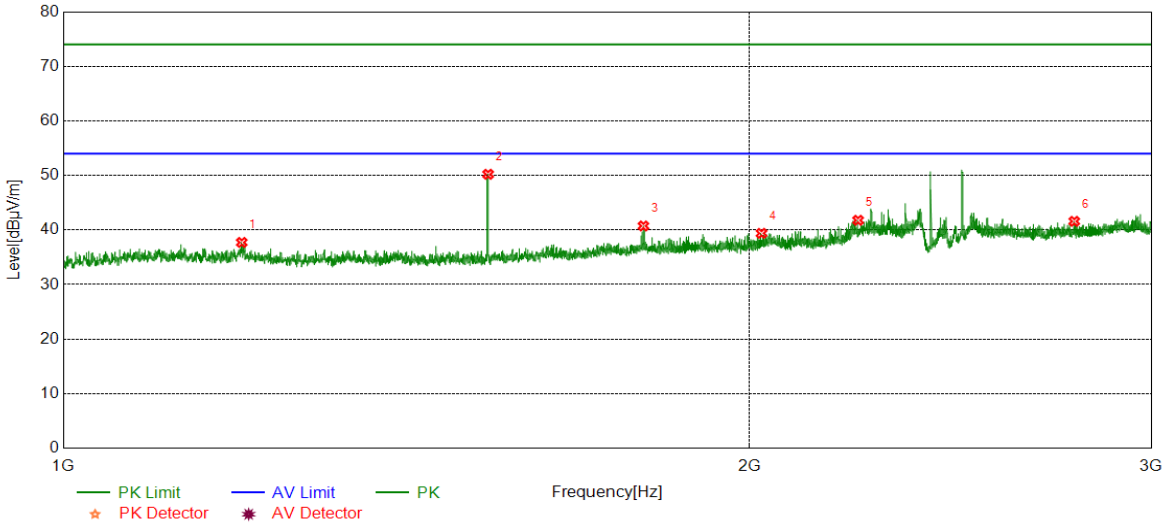
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.5247	43.26	-5.54	37.72	74.00	-36.28	peak
2	1535.8170	55.90	-5.68	50.22	74.00	-23.78	peak
3	1796.5996	44.65	-3.91	40.74	74.00	-33.26	peak
4	2024.1280	42.19	-2.80	39.39	74.00	-34.61	peak
5	2231.4039	43.92	-2.14	41.78	74.00	-32.22	peak
6	2775.7220	41.85	-0.26	41.59	74.00	-32.41	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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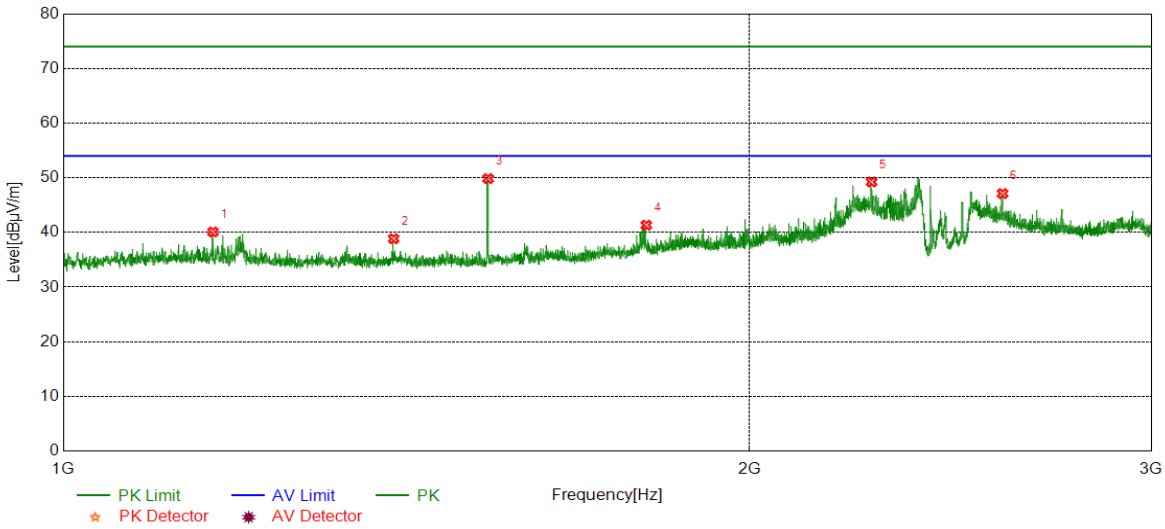
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1163.2704	45.63	-5.54	40.09	74.00	-33.91	peak
2	1396.0495	44.47	-5.63	38.84	74.00	-35.16	peak
3	1535.8170	55.53	-5.68	49.85	74.00	-24.15	peak
4	1801.8502	45.22	-3.89	41.33	74.00	-32.67	peak
5	2261.9077	51.43	-2.19	49.24	74.00	-24.76	peak
6	2581.9477	48.11	-1.00	47.11	74.00	-26.89	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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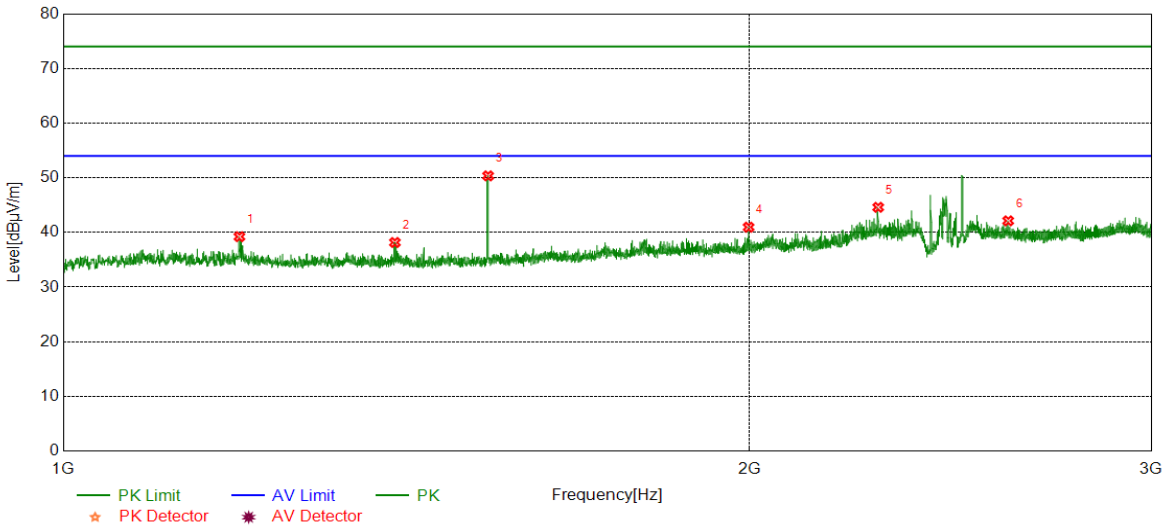
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.7743	44.77	-5.55	39.22	74.00	-34.78	peak
2	1397.7997	43.75	-5.59	38.16	74.00	-35.84	peak
3	1535.8170	56.03	-5.68	50.35	74.00	-23.65	peak
4	1997.8747	44.00	-3.04	40.96	74.00	-33.04	peak
5	2277.1596	46.71	-2.11	44.60	74.00	-29.40	peak
6	2596.6996	42.87	-0.75	42.12	74.00	-31.88	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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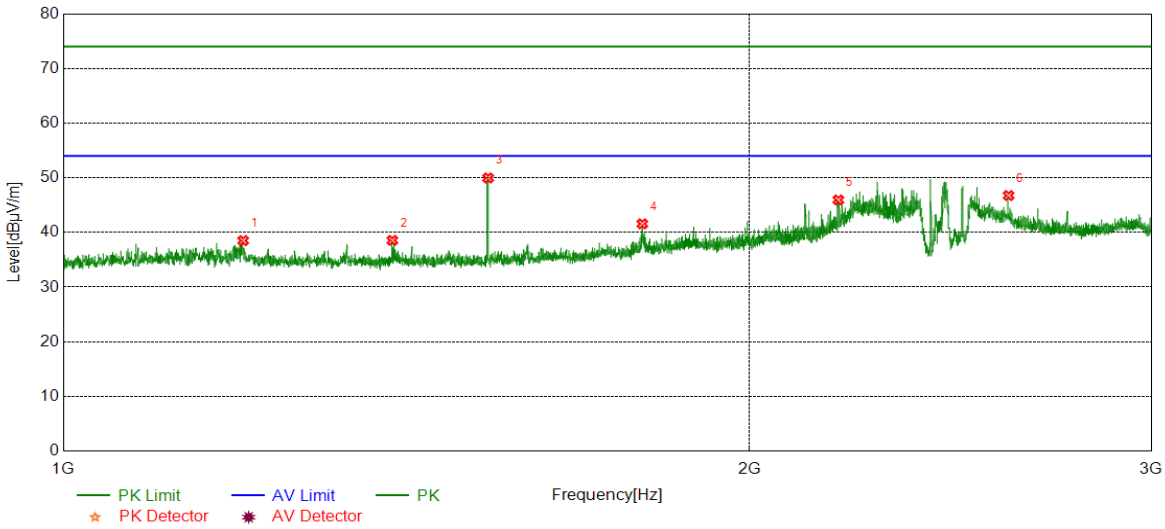
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1199.2749	44.04	-5.54	38.50	74.00	-35.50	peak
2	1394.2993	44.22	-5.67	38.55	74.00	-35.45	peak
3	1535.8170	55.65	-5.68	49.97	74.00	-24.03	peak
4	1794.5993	45.51	-3.94	41.57	74.00	-32.43	peak
5	2187.3984	48.32	-2.37	45.95	74.00	-28.05	peak
6	2597.6997	47.47	-0.72	46.75	74.00	-27.25	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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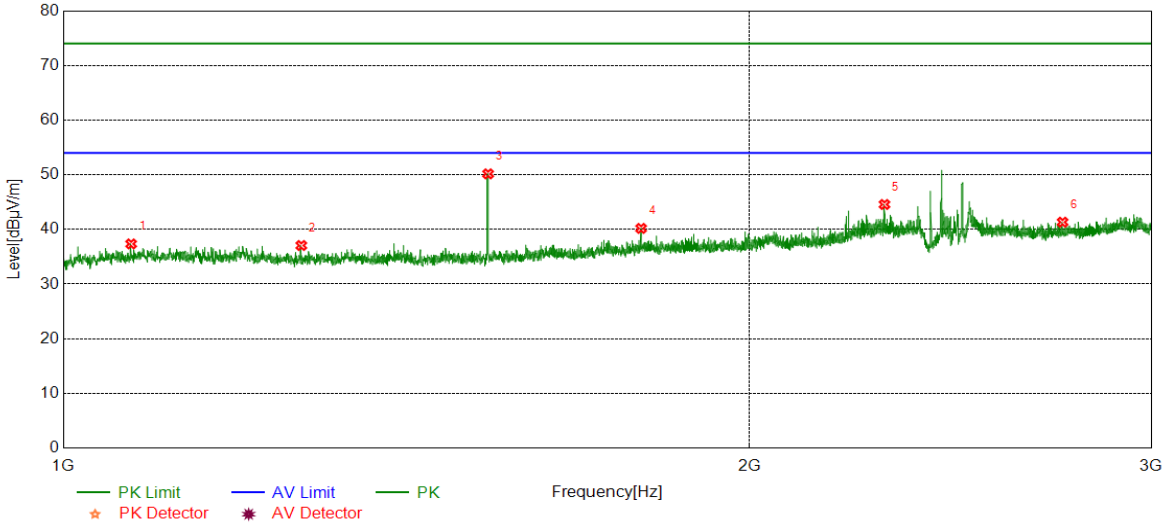
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1071.0089	42.87	-5.52	37.35	74.00	-36.65	peak
2	1271.7840	42.67	-5.61	37.06	74.00	-36.94	peak
3	1535.8170	55.85	-5.68	50.17	74.00	-23.83	peak
4	1792.3490	44.15	-3.96	40.19	74.00	-33.81	peak
5	2291.6615	46.59	-2.02	44.57	74.00	-29.43	peak
6	2743.2179	41.82	-0.49	41.33	74.00	-32.67	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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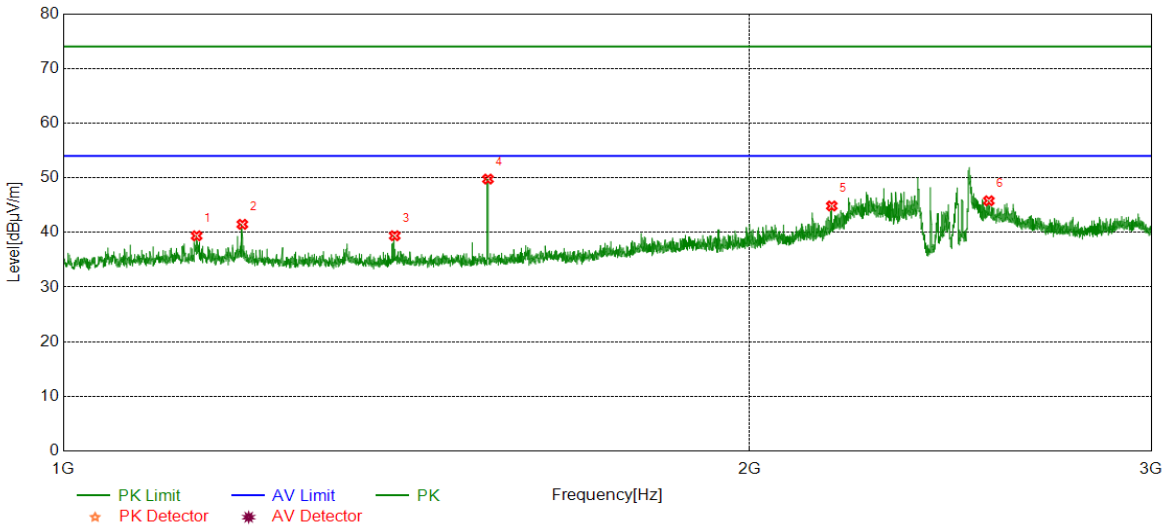
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1144.2680	44.91	-5.53	39.38	74.00	-34.62	peak
2	1198.2748	47.02	-5.54	41.48	74.00	-32.52	peak
3	1397.5497	44.99	-5.60	39.39	74.00	-34.61	peak
4	1535.5669	55.45	-5.69	49.76	74.00	-24.24	peak
5	2172.8966	47.25	-2.41	44.84	74.00	-29.16	peak
6	2546.4433	46.86	-1.07	45.79	74.00	-28.21	peak

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 refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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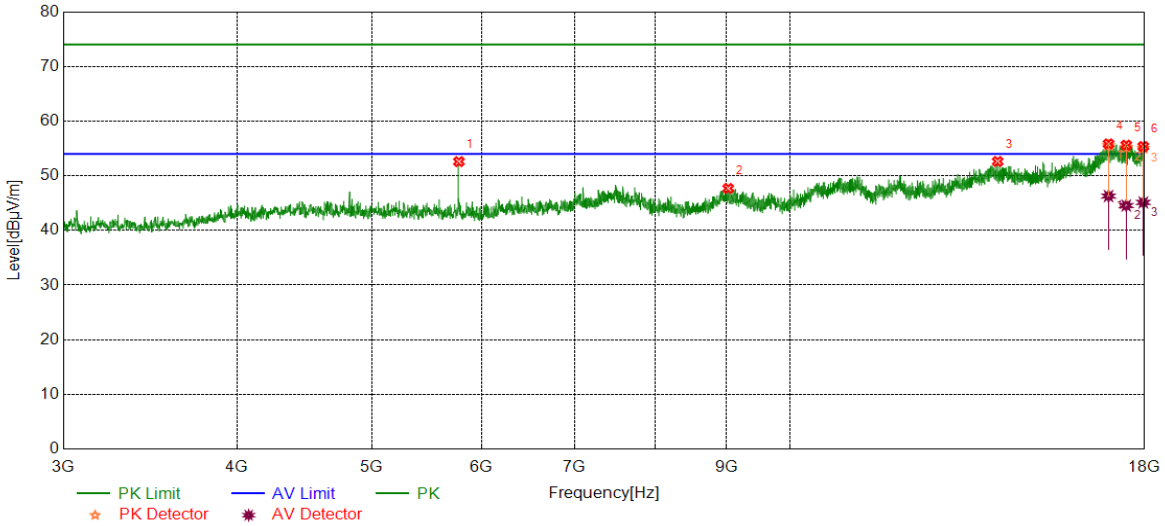
Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5779.0974	47.25	5.34	52.59	74.00	-21.41	peak
2	9028.8786	38.25	9.43	47.68	74.00	-26.32	peak
3	14110.7638	37.15	15.47	52.62	74.00	-21.38	peak
4	16955.4944	36.32	19.52	55.84	74.00	-18.16	peak
		26.77	19.52	46.29	54.00	-7.71	average
5	17459.9325	37.48	18.13	55.61	74.00	-18.39	peak
		26.42	18.13	44.55	54.00	-9.45	average
6	17960.6201	36.87	18.49	55.36	74.00	-18.64	peak
		26.63	18.49	45.12	54.00	-8.88	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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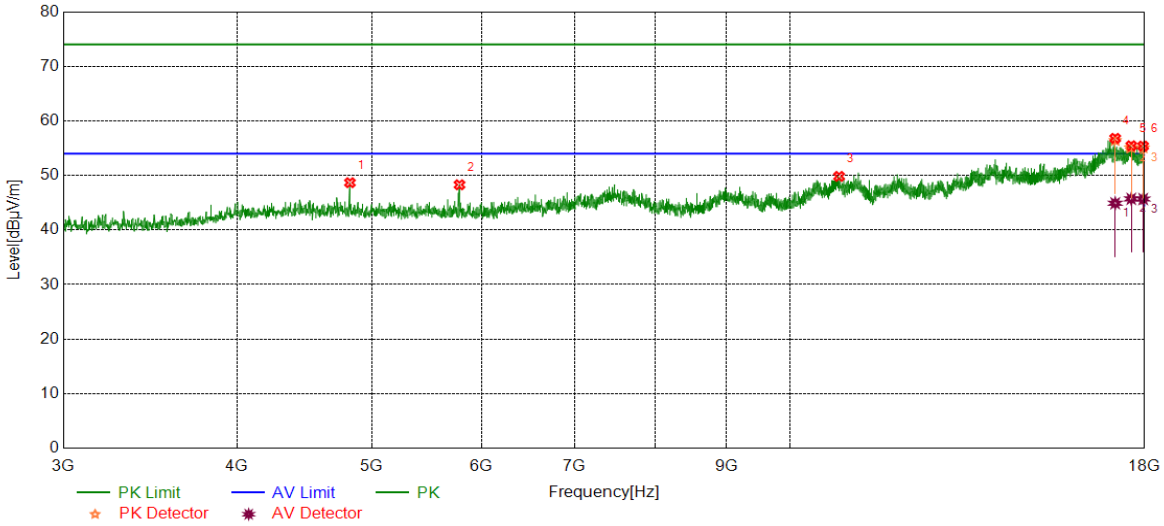
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.6031	43.73	4.94	48.67	74.00	-25.33	peak
2	5784.7231	42.92	5.37	48.29	74.00	-25.71	peak
3	10849.7312	37.70	12.13	49.83	74.00	-24.17	peak
4	17143.0179	38.05	18.75	56.80	74.00	-17.20	peak
		26.15	18.75	44.90	54.00	-9.10	average
5	17606.2008	36.72	18.72	55.44	74.00	-18.56	peak
		26.99	18.72	45.71	54.00	-8.29	average
6	17956.8696	36.93	18.45	55.38	74.00	-18.62	peak
		27.23	18.45	45.68	54.00	-8.32	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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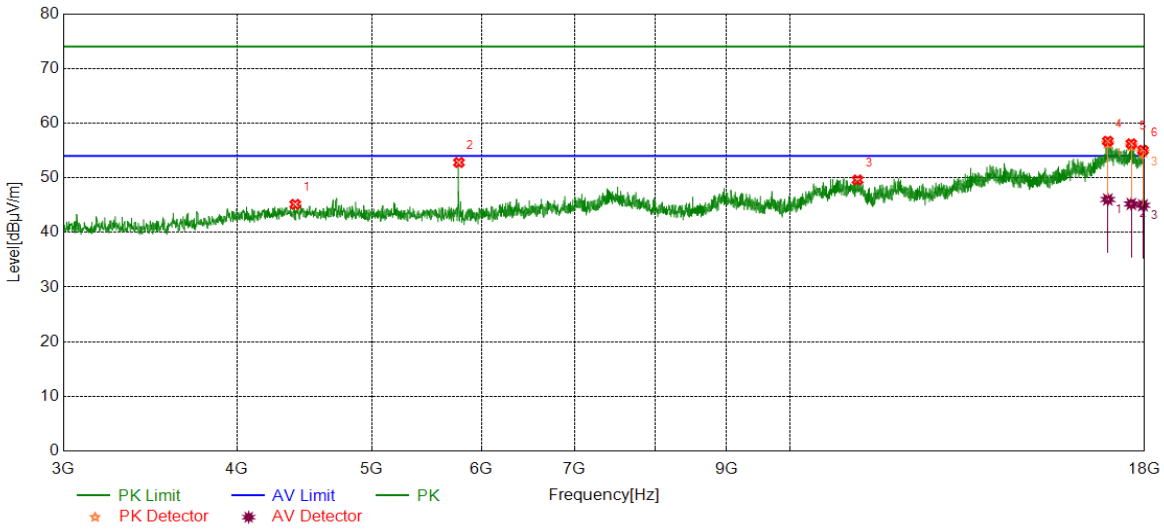
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4406.4258	40.20	4.94	45.14	74.00	-28.86	peak
2	5779.0974	47.45	5.34	52.79	74.00	-21.21	peak
3	11187.2734	37.28	12.32	49.60	74.00	-24.40	peak
4	16934.8669	37.52	19.17	56.69	74.00	-17.31	peak
		26.86	19.17	46.03	54.00	-7.97	average
5	17608.0760	37.50	18.72	56.22	74.00	-17.78	peak
		26.49	18.72	45.21	54.00	-8.79	average
6	17951.2439	36.66	18.37	55.03	74.00	-18.97	peak
		26.60	18.37	44.97	54.00	-9.03	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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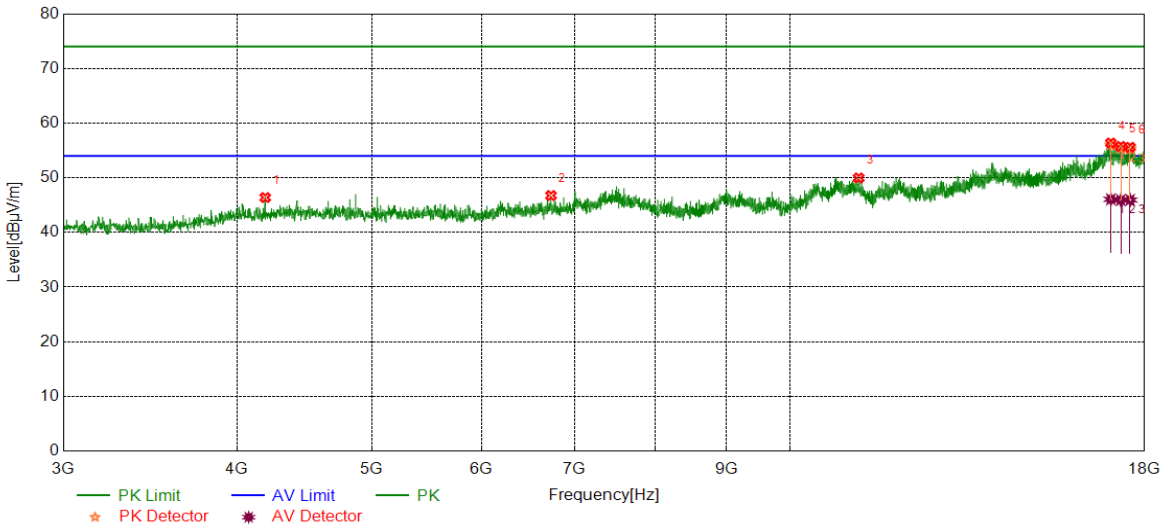
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4192.6491	42.00	4.38	46.38	74.00	-27.62	peak
2	6731.7165	38.22	8.53	46.75	74.00	-27.25	peak
3	11207.9010	37.65	12.32	49.97	74.00	-24.03	peak
4	17021.1276	37.07	19.29	56.36	74.00	-17.64	peak
		26.76	19.29	46.05	54.00	-7.95	average
5	17302.4128	37.35	18.38	55.73	74.00	-18.27	peak
		27.54	18.38	45.92	54.00	-8.08	average
6	17572.4466	36.47	19.11	55.58	74.00	-18.42	peak
		26.83	19.11	45.94	54.00	-8.06	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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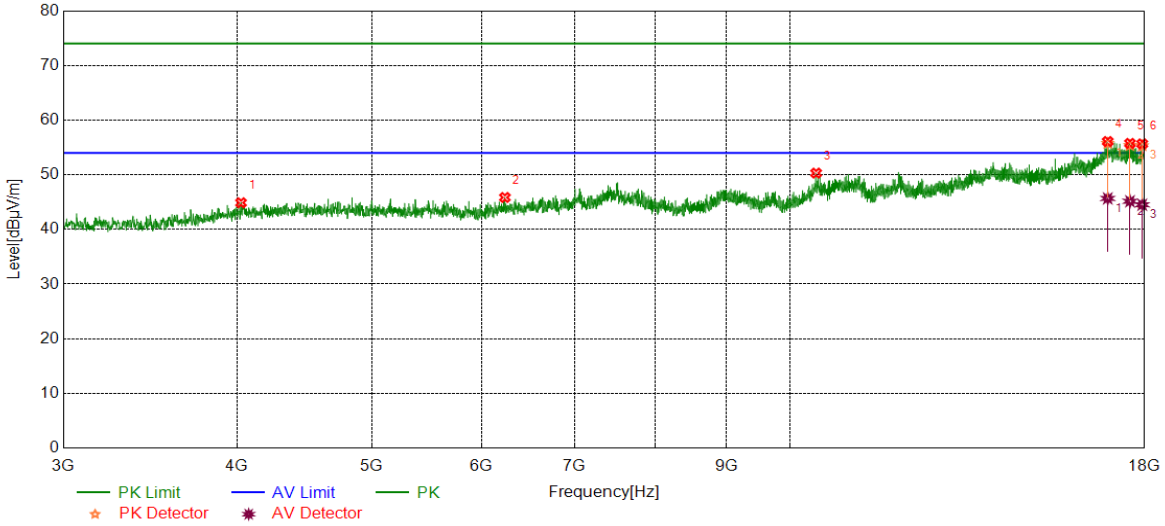
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4027.6285	40.69	4.19	44.88	74.00	-29.12	peak
2	6236.6546	39.39	6.46	45.85	74.00	-28.15	peak
3	10444.6806	38.75	11.56	50.31	74.00	-23.69	peak
4	16932.9916	37.00	19.09	56.09	74.00	-17.91	peak
		26.58	19.09	45.67	54.00	-8.33	average
5	17568.6961	36.63	19.12	55.75	74.00	-18.25	peak
		26.03	19.12	45.15	54.00	-8.85	average
6	17928.7411	37.28	18.38	55.66	74.00	-18.34	peak
		26.14	18.38	44.52	54.00	-9.48	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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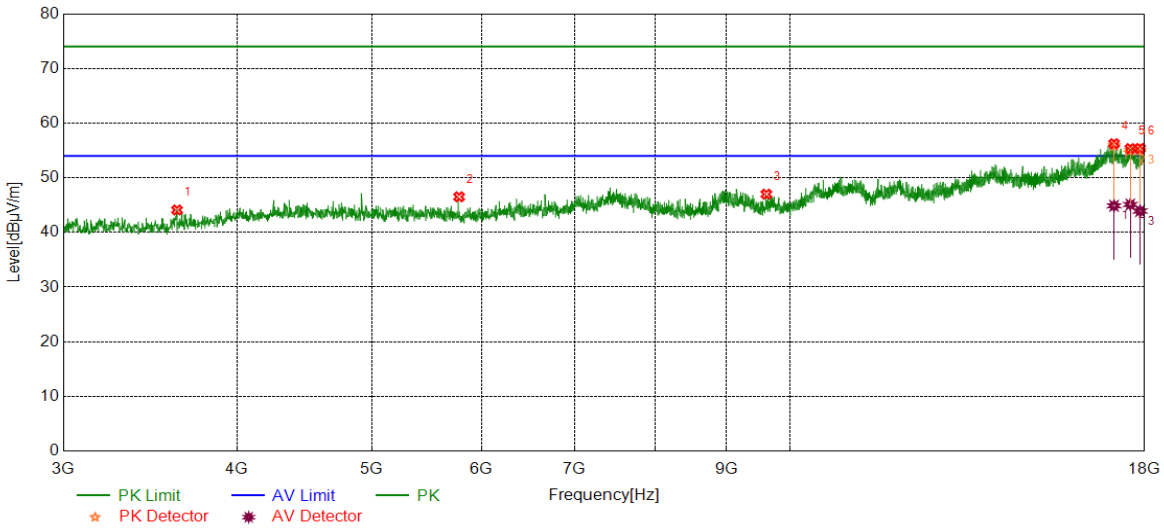
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3622.5778	41.52	2.59	44.11	74.00	-29.89	peak
2	5780.9726	41.16	5.36	46.52	74.00	-27.48	peak
3	9617.7022	38.35	8.65	47.00	74.00	-27.00	peak
4	17111.1389	37.81	18.43	56.24	74.00	-17.76	peak
		26.44	18.43	44.87	54.00	-9.13	average
5	17578.0723	36.36	18.98	55.34	74.00	-18.66	peak
		26.13	18.98	45.11	54.00	-8.89	average
6	17864.9831	36.88	18.49	55.37	74.00	-18.63	peak
		25.43	18.49	43.92	54.00	-10.08	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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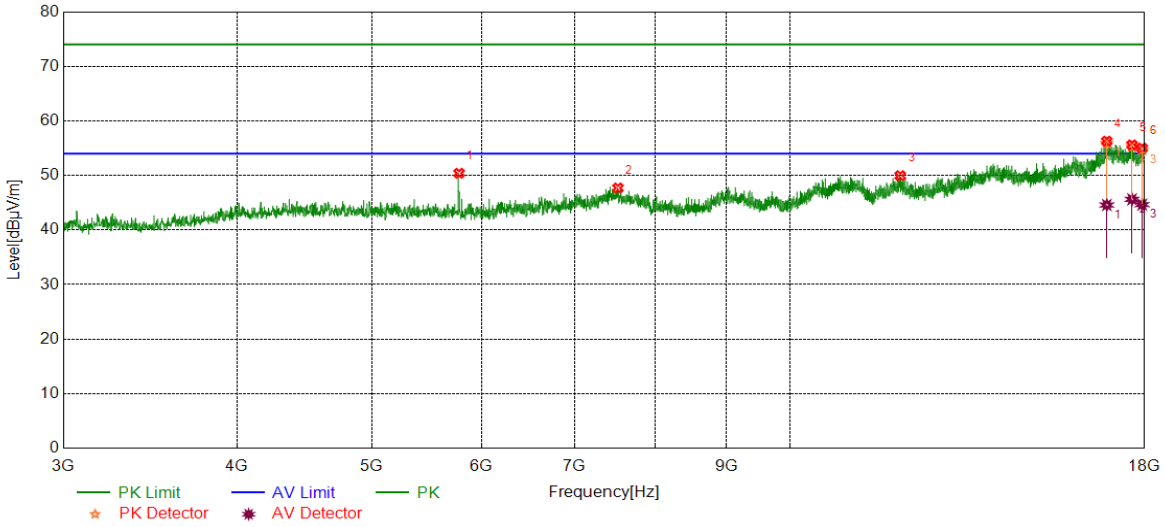
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5780.9726	45.04	5.36	50.40	74.00	-23.60	peak
2	7521.1901	38.54	9.16	47.70	74.00	-26.30	peak
3	12006.7508	36.91	13.05	49.96	74.00	-24.04	peak
4	16906.7383	37.69	18.59	56.28	74.00	-17.72	peak
		25.99	18.59	44.58	54.00	-9.42	average
5	17628.7036	36.75	18.85	55.60	74.00	-18.40	peak
		26.77	18.85	45.62	54.00	-8.38	average
6	17926.8659	36.64	18.37	55.01	74.00	-18.99	peak
		26.28	18.37	44.65	54.00	-9.35	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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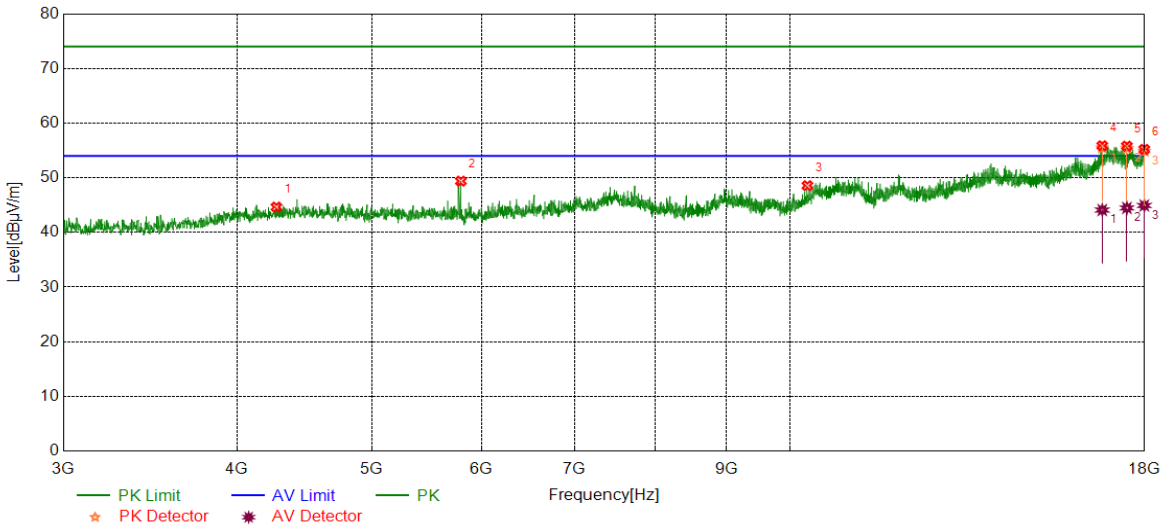
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4271.4089	39.59	5.05	44.64	74.00	-29.36	peak
2	5797.8497	44.04	5.35	49.39	74.00	-24.61	peak
3	10294.6618	37.98	10.58	48.56	74.00	-25.44	peak
4	16779.2224	38.18	17.68	55.86	74.00	-18.14	peak
		26.42	17.68	44.10	54.00	-9.90	average
5	17478.6848	37.08	18.71	55.79	74.00	-18.21	peak
		25.77	18.71	44.48	54.00	-9.52	average
6	17990.6238	36.89	18.31	55.20	74.00	-18.80	peak
		26.62	18.31	44.93	54.00	-9.07	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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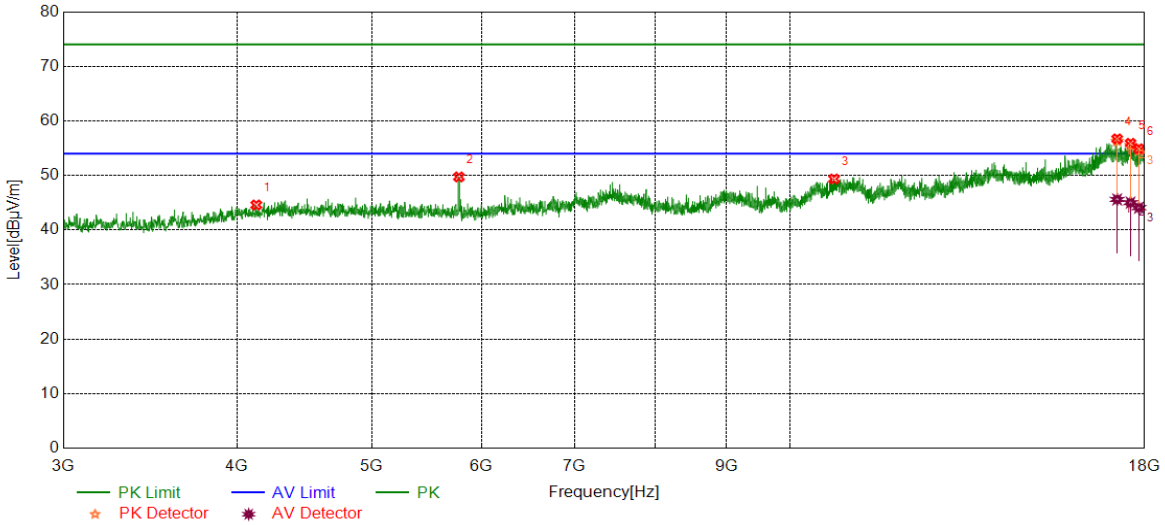
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4130.7663	40.24	4.35	44.59	74.00	-29.41	peak
2	5779.0974	44.39	5.34	49.73	74.00	-24.27	peak
3	10759.7200	37.24	12.11	49.35	74.00	-24.65	peak
4	17199.2749	37.96	18.74	56.70	74.00	-17.30	peak
		26.86	18.74	45.60	54.00	-8.40	average
5	17585.5732	37.04	18.85	55.89	74.00	-18.11	peak
		26.17	18.85	45.02	54.00	-8.98	average
6	17829.3537	36.72	18.17	54.89	74.00	-19.11	peak
		25.92	18.17	44.09	54.00	-9.91	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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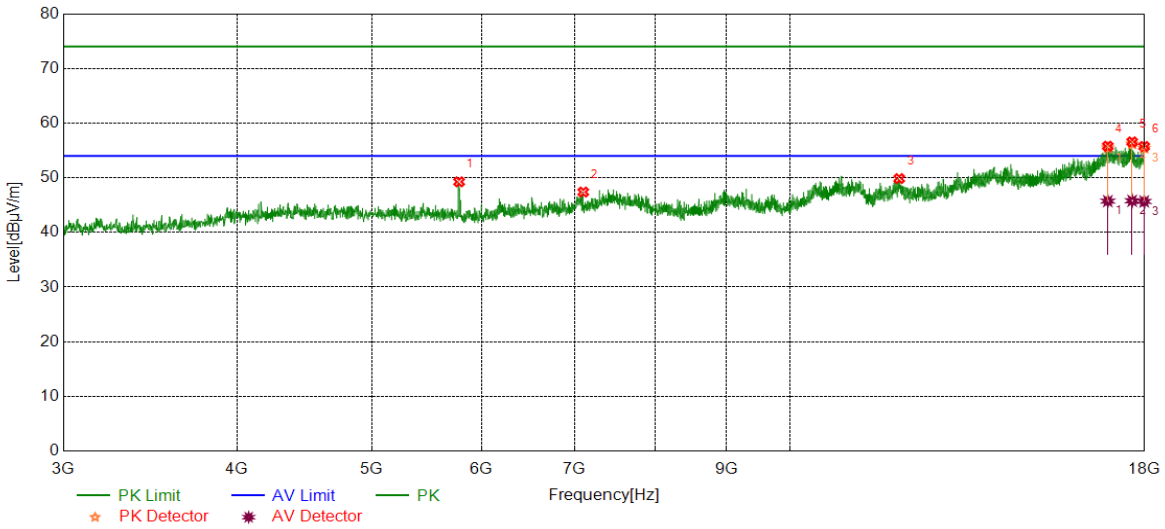
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5780.9726	43.90	5.36	49.26	74.00	-24.74	peak
2	7101.1376	38.74	8.65	47.39	74.00	-26.61	peak
3	11986.1233	36.68	13.17	49.85	74.00	-24.15	peak
4	16934.8669	36.61	19.17	55.78	74.00	-18.22	peak
		26.56	19.17	45.73	54.00	-8.27	average
5	17632.4541	37.76	18.81	56.57	74.00	-17.43	peak
		26.98	18.81	45.79	54.00	-8.21	average
6	17986.8734	37.42	18.31	55.73	74.00	-18.27	peak
		27.36	18.31	45.67	54.00	-8.33	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. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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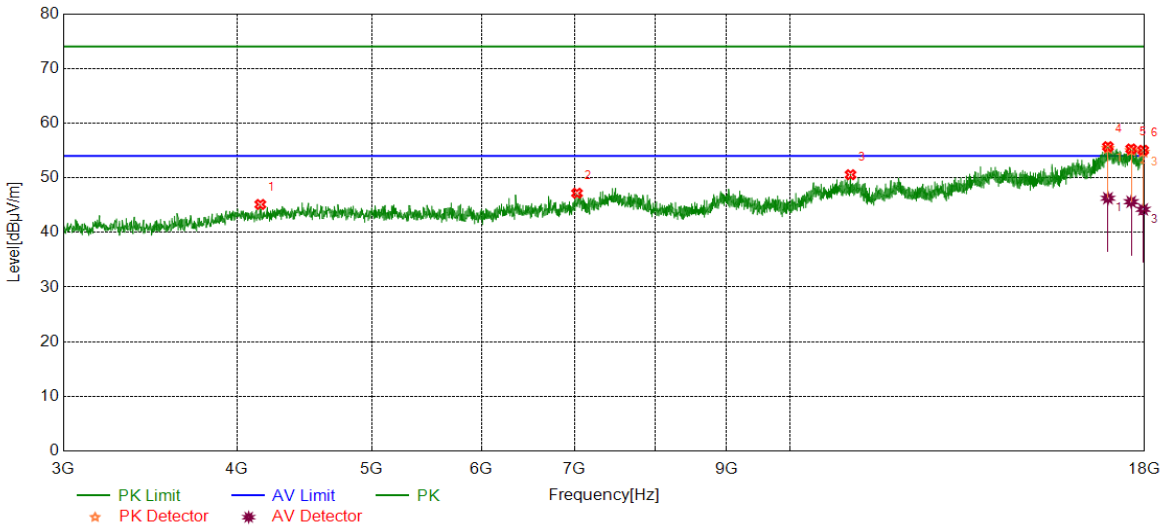
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4158.8949	40.58	4.54	45.12	74.00	-28.88	peak
2	7028.0035	38.63	8.55	47.18	74.00	-26.82	peak
3	11057.8822	37.88	12.68	50.56	74.00	-23.44	peak
4	16938.6173	36.35	19.34	55.69	74.00	-18.31	peak
		26.92	19.34	46.26	54.00	-7.74	average
5	17604.3255	36.56	18.72	55.28	74.00	-18.72	peak
		26.89	18.72	45.61	54.00	-8.39	average
6	17956.8696	36.58	18.45	55.03	74.00	-18.97	peak
		25.77	18.45	44.22	54.00	-9.78	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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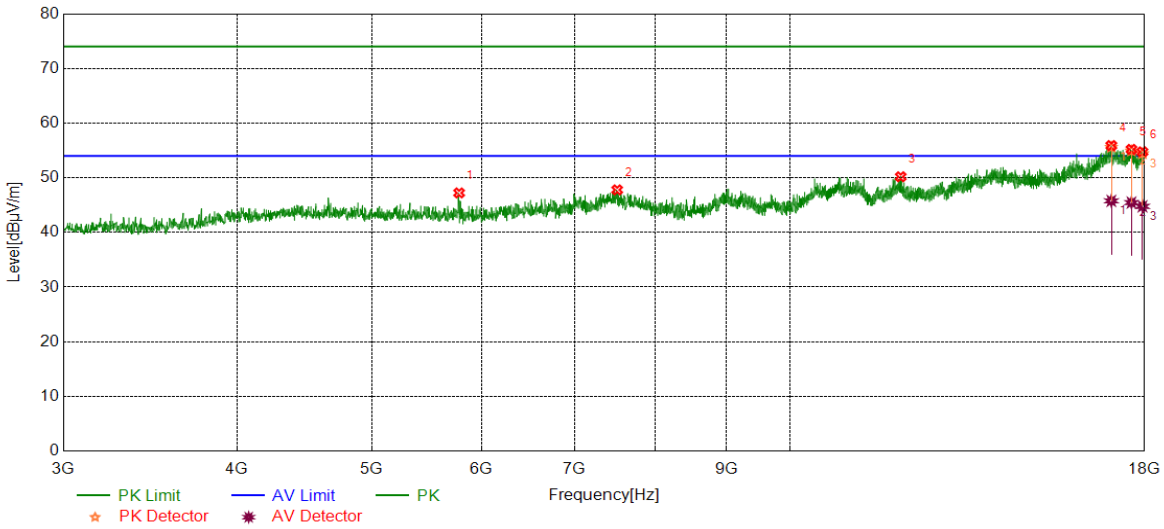
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5780.9726	41.87	5.36	47.23	74.00	-26.77	peak
2	7511.8140	38.66	9.13	47.79	74.00	-26.21	peak
3	12016.1270	37.28	12.91	50.19	74.00	-23.81	peak
4	17034.2543	36.40	19.50	55.90	74.00	-18.10	peak
		26.28	19.50	45.78	54.00	-8.22	average
5	17611.8265	36.48	18.72	55.20	74.00	-18.80	peak
		26.74	18.72	45.46	54.00	-8.54	average
6	17936.2420	36.36	18.38	54.74	74.00	-19.26	peak
		26.39	18.38	44.77	54.00	-9.23	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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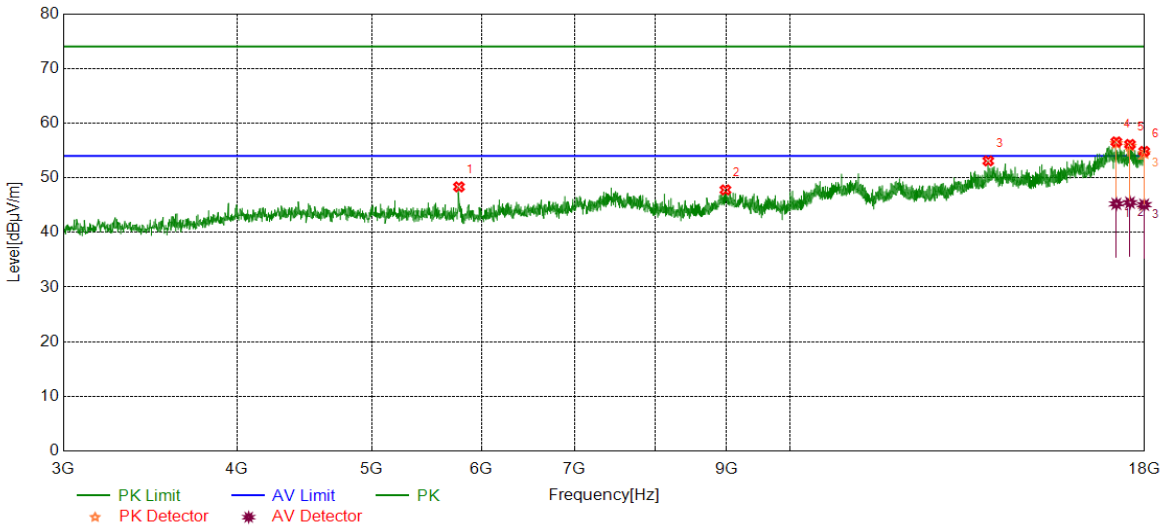
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5779.0974	43.00	5.34	48.34	74.00	-25.66	peak
2	8987.6235	38.41	9.37	47.78	74.00	-26.22	peak
3	13891.3614	37.79	15.29	53.08	74.00	-20.92	peak
4	17176.7721	37.99	18.58	56.57	74.00	-17.43	peak
		26.65	18.58	45.23	54.00	-8.77	average
5	17568.6961	36.98	19.12	56.10	74.00	-17.90	peak
		26.33	19.12	45.45	54.00	-8.55	average
6	17986.8734	36.52	18.31	54.83	74.00	-19.17	peak
		26.76	18.31	45.07	54.00	-8.93	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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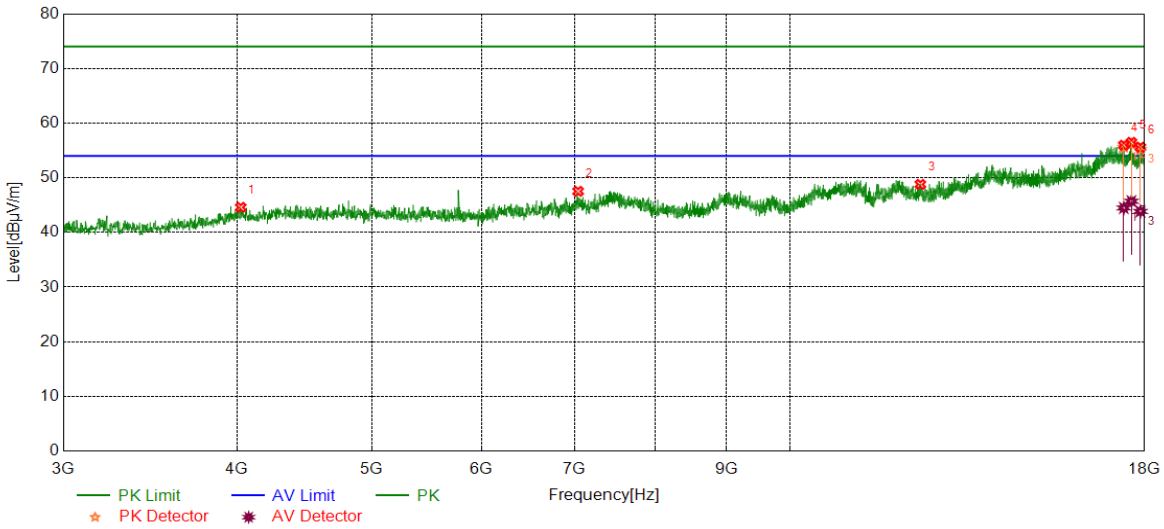
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4025.7532	40.41	4.18	44.59	74.00	-29.41	peak
2	7041.1301	38.94	8.58	47.52	74.00	-26.48	peak
3	12413.6767	37.16	11.63	48.79	74.00	-25.21	peak
4	17388.6736	37.19	18.77	55.96	74.00	-18.04	peak
		25.71	18.77	44.48	54.00	-9.52	average
5	17611.8265	37.77	18.72	56.49	74.00	-17.51	peak
		26.99	18.72	45.71	54.00	-8.29	average
6	17874.3593	37.12	18.47	55.59	74.00	-18.41	peak
		25.38	18.47	43.85	54.00	-10.15	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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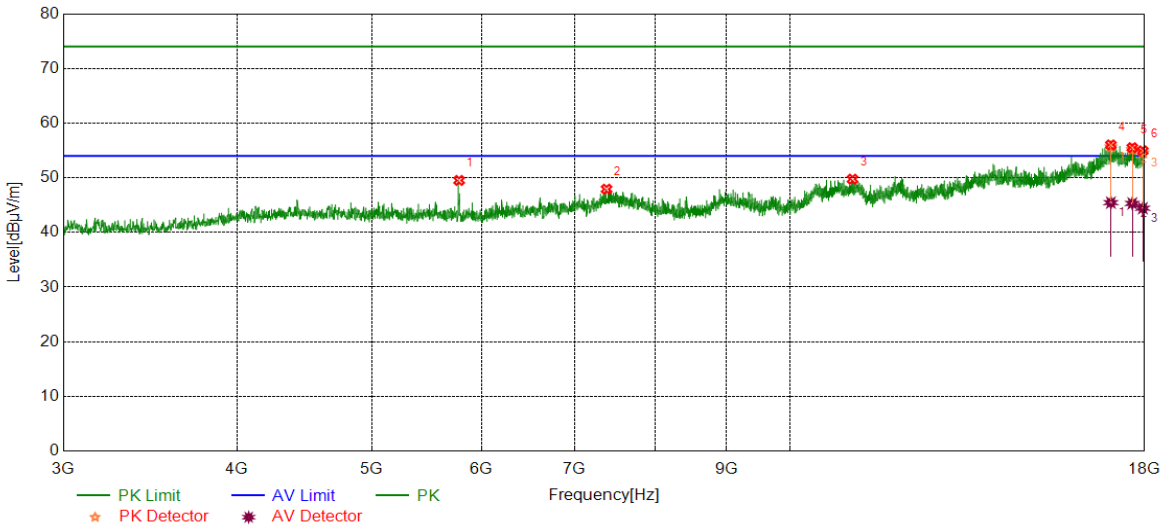
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5780.9726	44.16	5.36	49.52	74.00	-24.48	peak
2	7380.5476	39.15	8.77	47.92	74.00	-26.08	peak
3	11093.5117	36.94	12.81	49.75	74.00	-24.25	peak
4	17021.1276	36.72	19.29	56.01	74.00	-17.99	peak
		26.16	19.29	45.45	54.00	-8.55	average
5	17636.2045	36.79	18.71	55.50	74.00	-18.50	peak
		26.60	18.71	45.31	54.00	-8.69	average
6	17945.6182	36.56	18.36	54.92	74.00	-19.08	peak
		26.07	18.36	44.43	54.00	-9.57	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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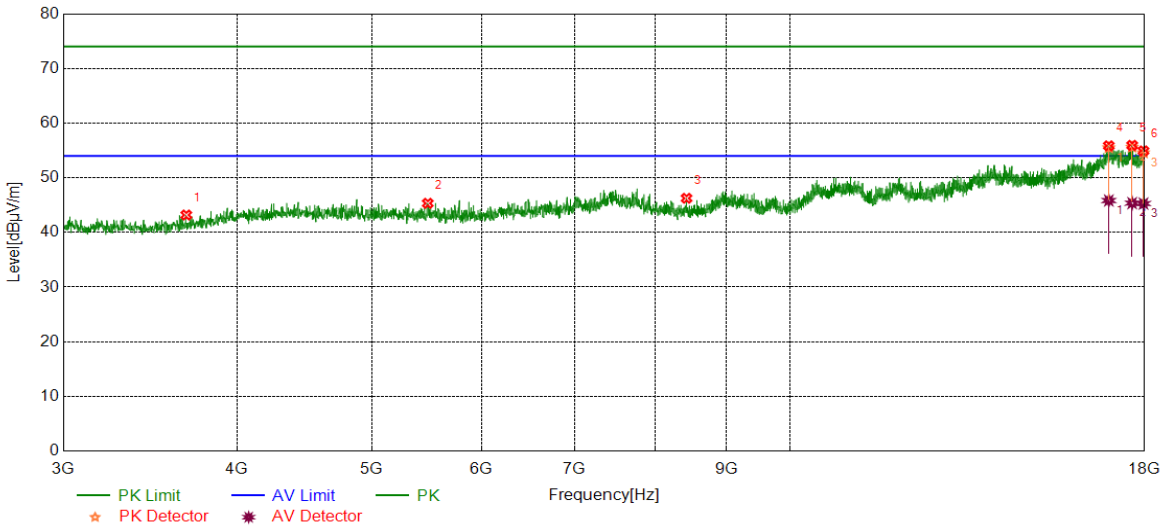
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3678.8349	40.26	2.93	43.19	74.00	-30.81	peak
2	5488.4361	39.89	5.44	45.33	74.00	-28.67	peak
3	8426.9284	39.01	7.24	46.25	74.00	-27.75	peak
4	16962.9954	36.05	19.80	55.85	74.00	-18.15	peak
		26.04	19.80	45.84	54.00	-8.16	average
5	17632.4541	37.12	18.81	55.93	74.00	-18.07	peak
		26.55	18.81	45.36	54.00	-8.64	average
6	17966.2458	36.52	18.40	54.92	74.00	-19.08	peak
		26.89	18.40	45.29	54.00	-8.71	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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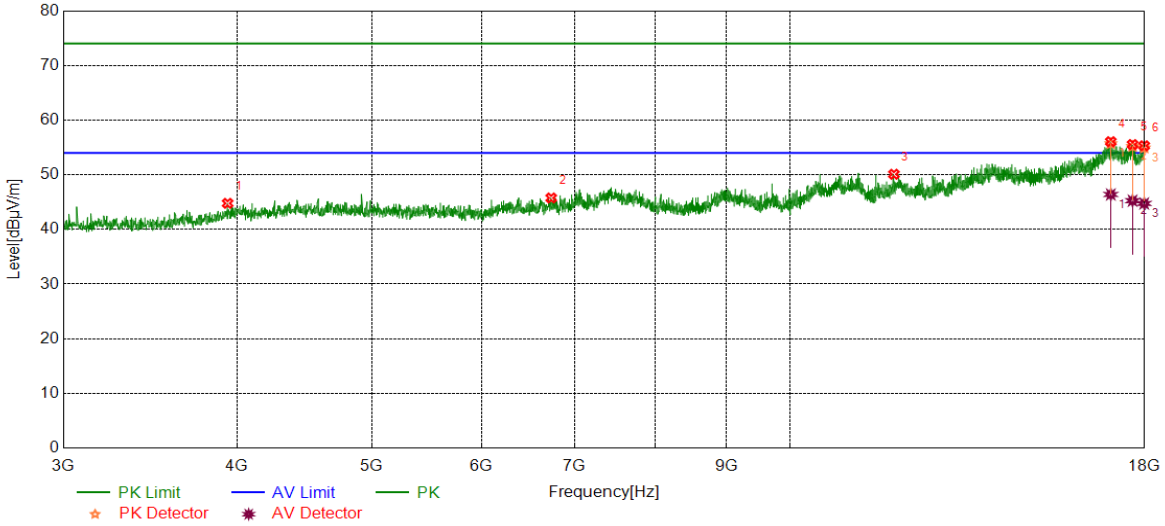
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3939.4924	40.22	4.56	44.78	74.00	-29.22	peak
2	6733.5917	37.25	8.51	45.76	74.00	-28.24	peak
3	11881.1101	37.43	12.67	50.10	74.00	-23.90	peak
4	17019.2524	36.83	19.23	56.06	74.00	-17.94	peak
		27.17	19.23	46.40	54.00	-7.60	average
5	17643.7055	36.88	18.66	55.54	74.00	-18.46	peak
		26.60	18.66	45.26	54.00	-8.74	average
6	17986.8734	37.00	18.31	55.31	74.00	-18.69	peak
		26.44	18.31	44.75	54.00	-9.25	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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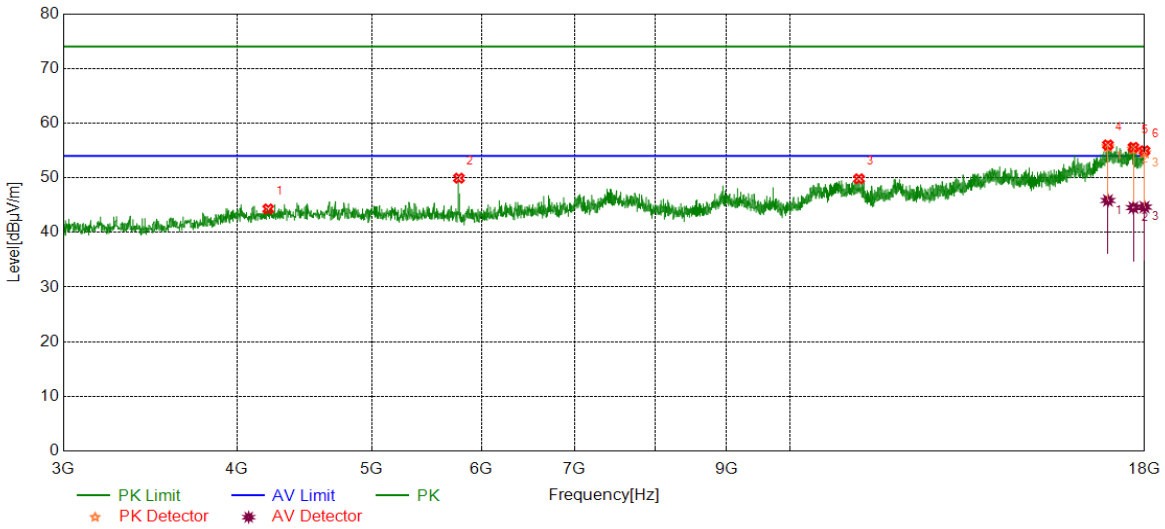
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4213.2767	39.78	4.52	44.30	74.00	-29.70	peak
2	5779.0974	44.59	5.34	49.93	74.00	-24.07	peak
3	11213.5267	37.52	12.30	49.82	74.00	-24.18	peak
4	16938.6173	36.67	19.34	56.01	74.00	-17.99	peak
		26.51	19.34	45.85	54.00	-8.15	average
5	17668.0835	37.05	18.52	55.57	74.00	-18.43	peak
		26.01	18.52	44.53	54.00	-9.47	average
6	17996.2495	36.63	18.31	54.94	74.00	-19.06	peak
		26.33	18.31	44.64	54.00	-9.36	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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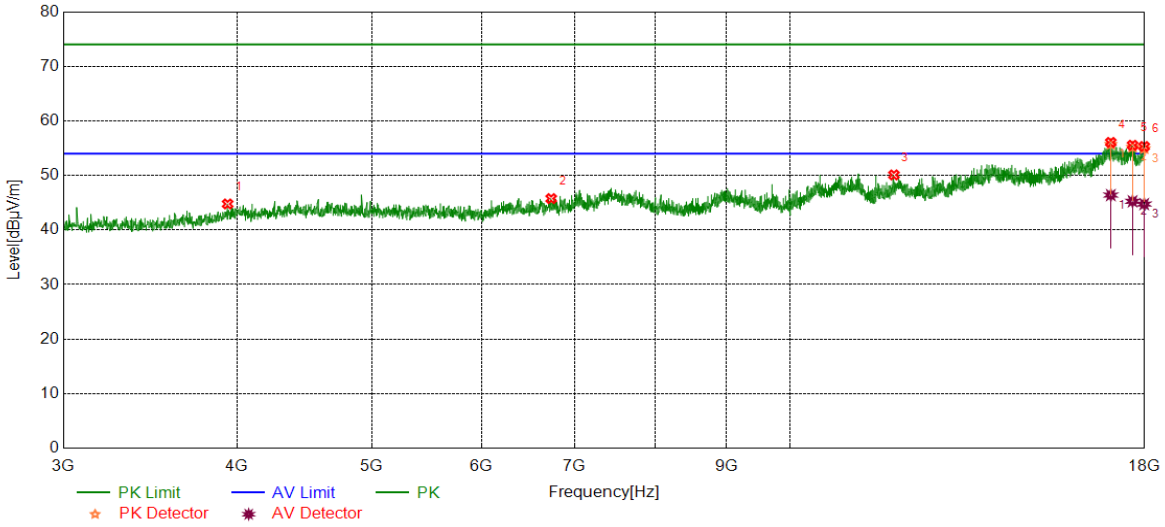
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3939.4924	40.22	4.56	44.78	74.00	-29.22	peak
2	6733.5917	37.25	8.51	45.76	74.00	-28.24	peak
3	11881.1101	37.43	12.67	50.10	74.00	-23.90	peak
4	17019.2524	36.83	19.23	56.06	74.00	-17.94	peak
		27.17	19.23	46.40	54.00	-7.60	average
5	17643.7055	36.88	18.66	55.54	74.00	-18.46	peak
		26.60	18.66	45.26	54.00	-8.74	average
6	17986.8734	37.00	18.31	55.31	74.00	-18.69	peak
		26.44	18.31	44.75	54.00	-9.25	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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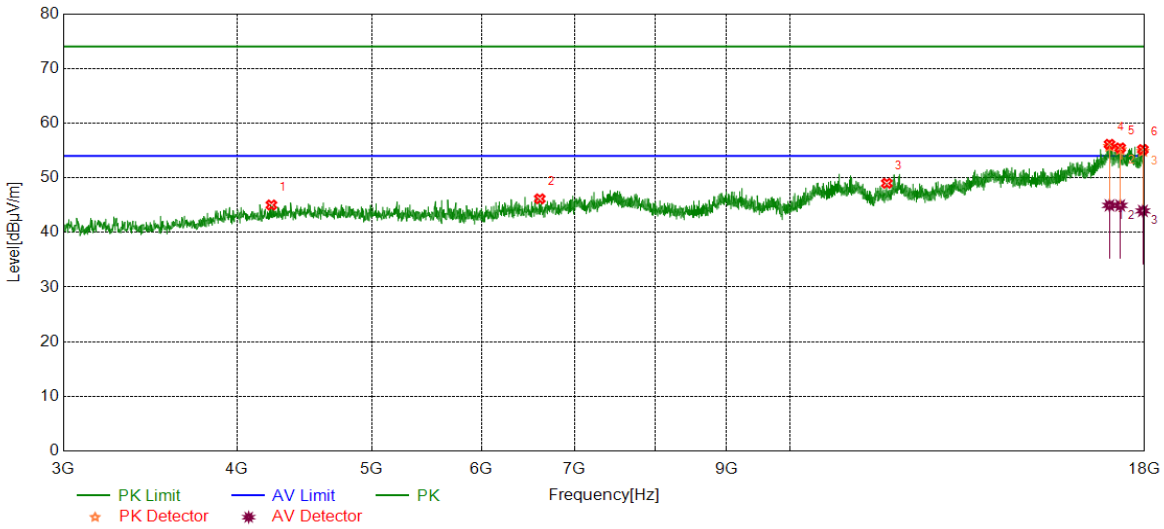
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4235.7795	40.43	4.59	45.02	74.00	-28.98	peak
2	6607.9510	38.08	8.07	46.15	74.00	-27.85	peak
3	11742.3428	36.96	12.03	48.99	74.00	-25.01	peak
4	16983.6230	36.82	19.30	56.12	74.00	-17.88	peak
		25.65	19.30	44.95	54.00	-9.05	average
5	17285.5357	37.07	18.40	55.47	74.00	-18.53	peak
		26.54	18.40	44.94	54.00	-9.06	average
6	17947.4934	36.81	18.36	55.17	74.00	-18.83	peak
		25.58	18.36	43.94	54.00	-10.06	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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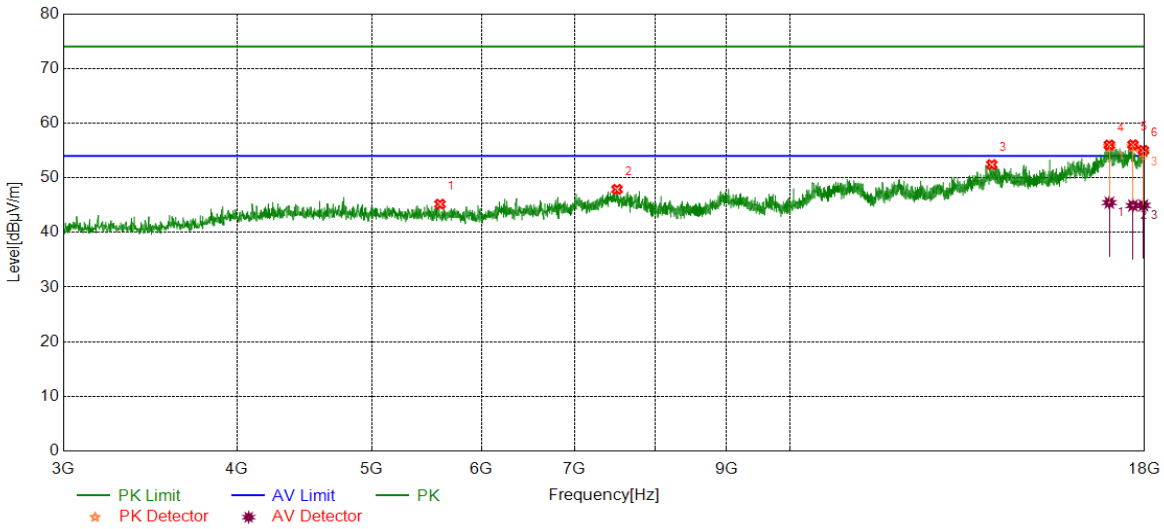
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5600.9501	39.66	5.51	45.17	74.00	-28.83	peak
2	7509.9387	38.75	9.13	47.88	74.00	-26.12	peak
3	13973.8717	37.35	15.06	52.41	74.00	-21.59	peak
4	16977.9973	36.42	19.58	56.00	74.00	-18.00	peak
		25.87	19.58	45.45	54.00	-8.55	average
5	17654.9569	37.34	18.70	56.04	74.00	-17.96	peak
		26.22	18.70	44.92	54.00	-9.08	average
6	17962.4953	36.55	18.46	55.01	74.00	-18.99	peak
		26.49	18.46	44.95	54.00	-9.05	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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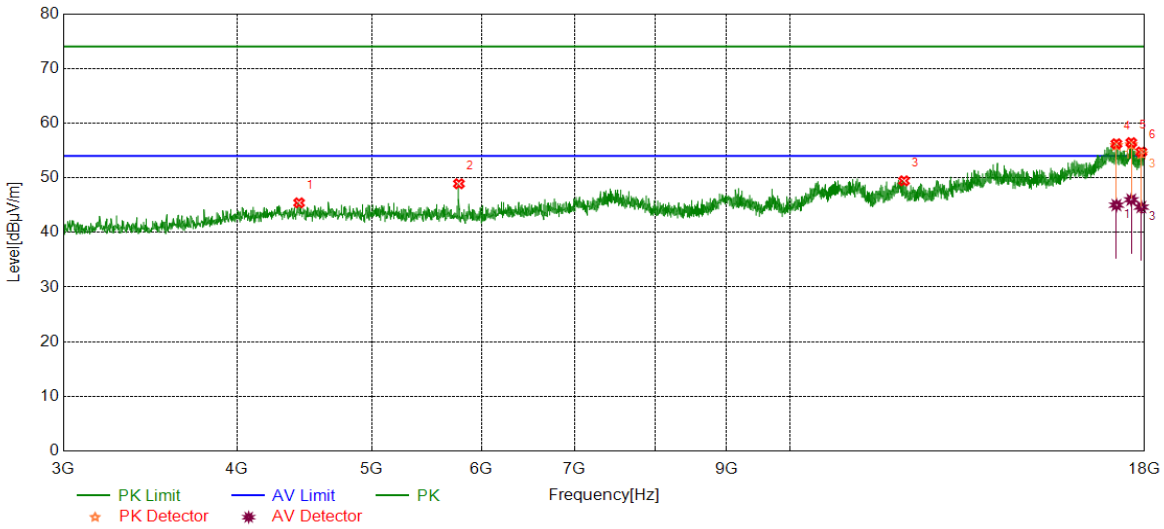
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4434.5543	40.44	4.97	45.41	74.00	-28.59	peak
2	5779.0974	43.57	5.34	48.91	74.00	-25.09	peak
3	12081.7602	36.65	12.79	49.44	74.00	-24.56	peak
4	17178.6473	37.61	18.61	56.22	74.00	-17.78	peak
		26.39	18.61	45.00	54.00	-9.00	average
5	17606.2008	37.71	18.72	56.43	74.00	-17.57	peak
		27.27	18.72	45.99	54.00	-8.01	average
6	17902.4878	36.44	18.29	54.73	74.00	-19.27	peak
		26.35	18.29	44.64	54.00	-9.36	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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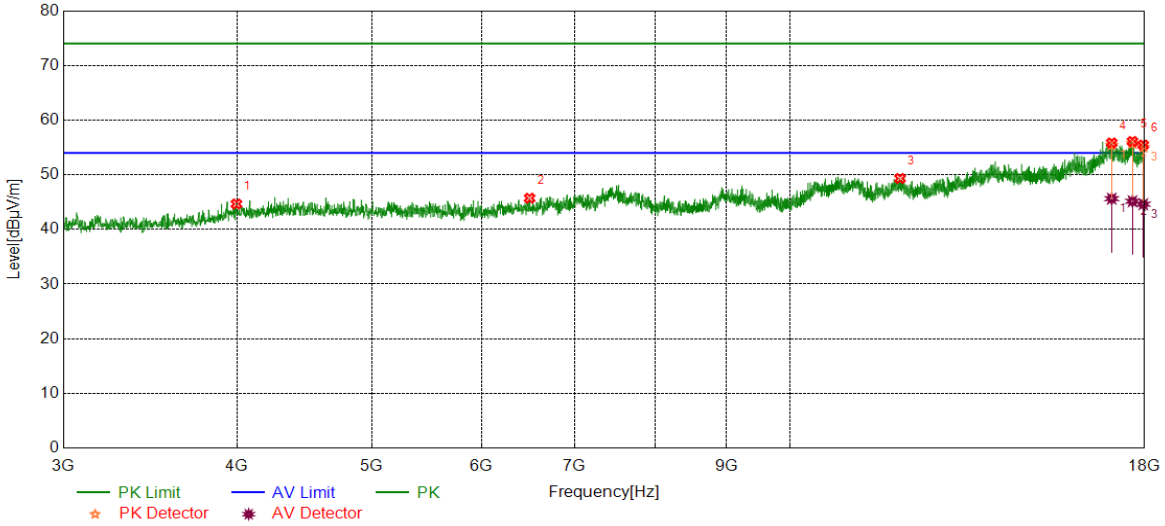
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3997.6247	40.46	4.20	44.66	74.00	-29.34	peak
2	6497.3122	37.93	7.79	45.72	74.00	-28.28	peak
3	12003.0004	36.20	13.13	49.33	74.00	-24.67	peak
4	17045.5057	36.29	19.54	55.83	74.00	-18.17	peak
		26.09	19.54	45.63	54.00	-8.37	average
5	17641.8302	37.46	18.63	56.09	74.00	-17.91	peak
		26.52	18.63	45.15	54.00	-8.85	average
6	17960.6201	36.96	18.49	55.45	74.00	-18.55	peak
		26.13	18.49	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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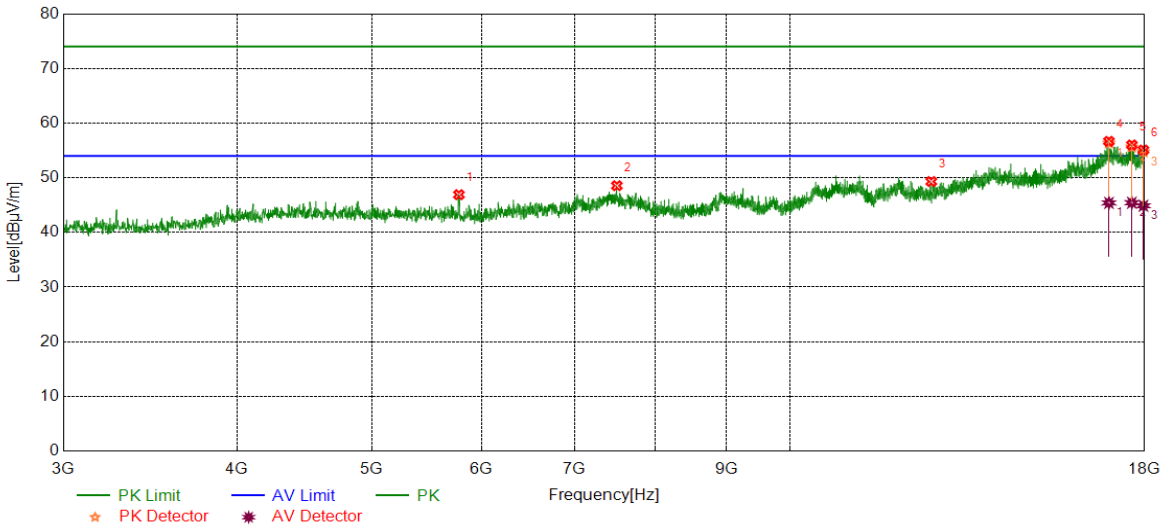
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5779.0974	41.57	5.34	46.91	74.00	-27.09	peak
2	7508.0635	39.41	9.14	48.55	74.00	-25.45	peak
3	12640.5801	37.36	11.96	49.32	74.00	-24.68	peak
4	16966.7458	36.82	19.85	56.67	74.00	-17.33	peak
		25.56	19.85	45.41	54.00	-8.59	average
5	17623.0779	37.25	18.76	56.01	74.00	-17.99	peak
		26.67	18.76	45.43	54.00	-8.57	average
6	17964.3705	36.65	18.43	55.08	74.00	-18.92	peak
		26.45	18.43	44.88	54.00	-9.12	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 refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. 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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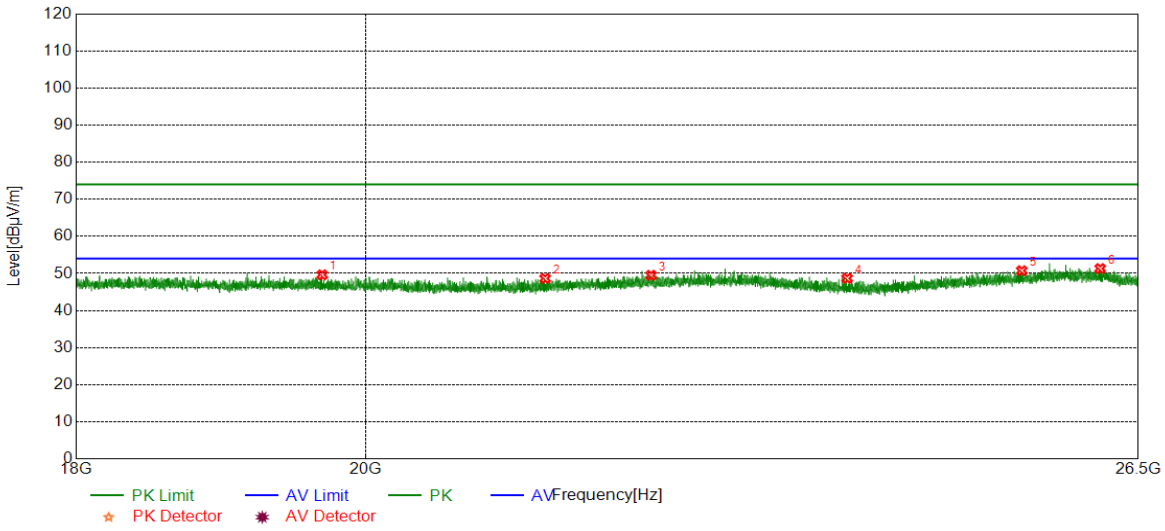
Part III: 18GHz~26.5GHz

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

Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19686.5687	50.30	-0.67	49.63	74.00	-24.37	peak
2	21351.8852	49.30	-0.65	48.65	74.00	-25.35	peak
3	22191.7692	49.12	0.40	49.52	74.00	-24.48	peak
4	23834.9835	49.56	-0.88	48.68	74.00	-25.32	peak
5	25400.8401	50.07	0.68	50.75	74.00	-23.25	peak
6	26137.0137	49.92	1.41	51.33	74.00	-22.67	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.

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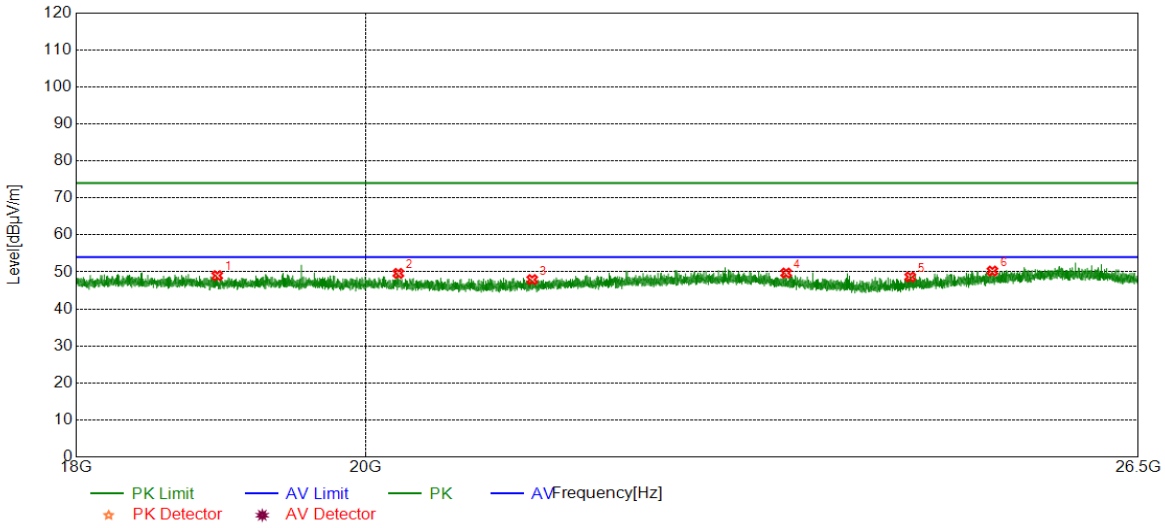
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18947.8448	50.13	-1.12	49.01	74.00	-24.99	peak
2	20239.9740	50.24	-0.62	49.62	74.00	-24.38	peak
3	21251.5752	48.69	-0.75	47.94	74.00	-26.06	peak
4	23311.3311	49.29	0.42	49.71	74.00	-24.29	peak
5	24389.2389	49.38	-0.72	48.66	74.00	-25.34	peak
6	25130.5131	50.01	0.24	50.25	74.00	-23.75	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.

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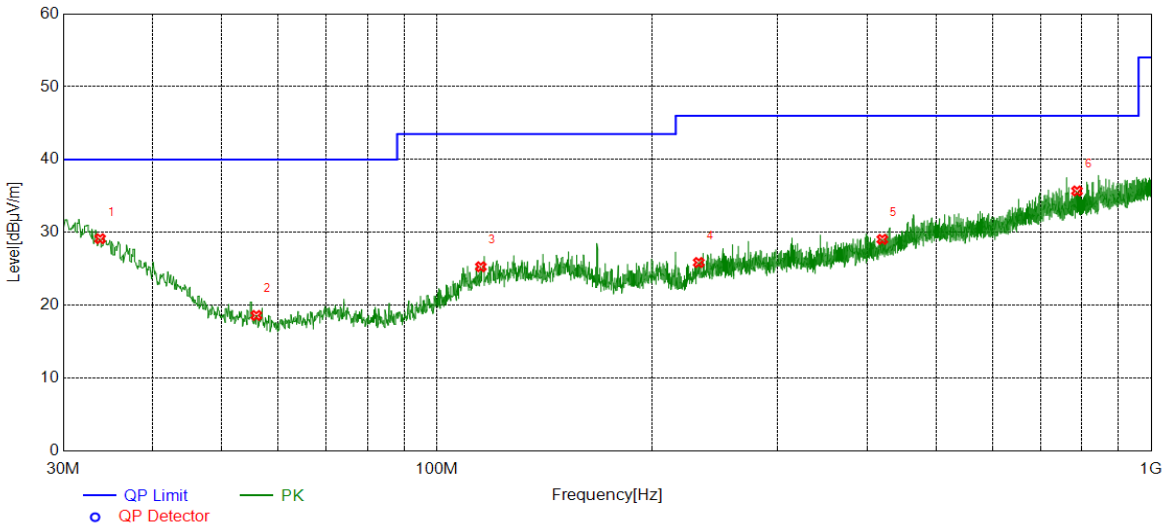
Part IV: 30MHz~1GHz

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

Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.7834	4.37	24.77	29.14	40.00	-10.86	peak
2	55.9016	4.21	14.40	18.61	40.00	-21.39	peak
3	115.2715	5.52	19.77	25.29	43.50	-18.21	peak
4	232.6533	7.17	18.70	25.87	46.00	-20.13	peak
5	420.3670	5.30	23.75	29.05	46.00	-16.95	peak
6	787.2577	6.18	29.51	35.69	46.00	-10.31	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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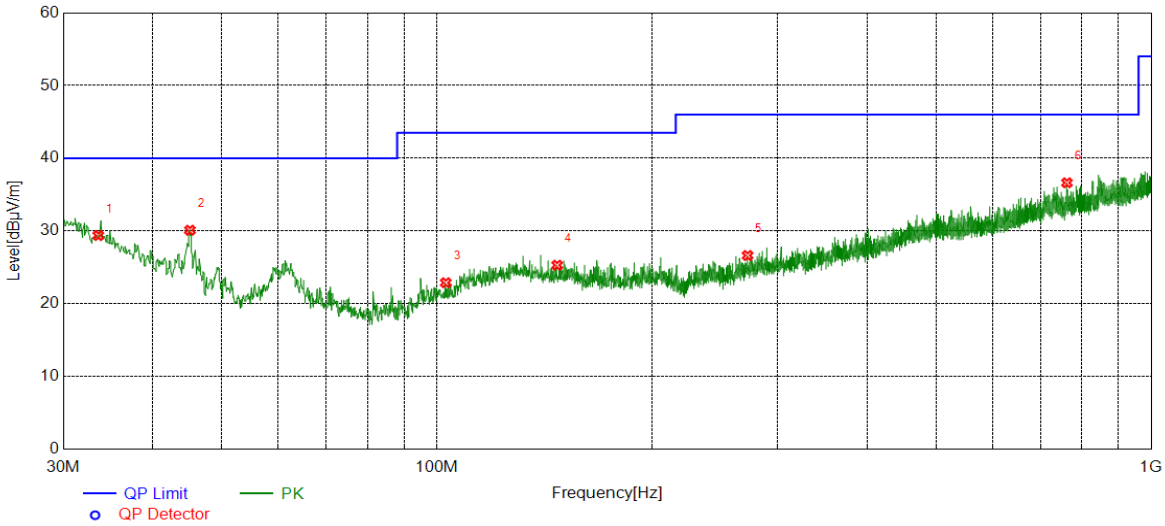
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	33.5894	4.48	24.90	29.38	40.00	-10.62	peak
2	45.1335	12.46	17.65	30.11	40.00	-9.89	peak
3	102.9513	5.31	17.58	22.89	43.50	-20.61	peak
4	147.3817	5.52	19.78	25.30	43.50	-18.20	peak
5	272.3302	6.35	20.28	26.63	46.00	-19.37	peak
6	762.2292	7.41	29.22	36.63	46.00	-9.37	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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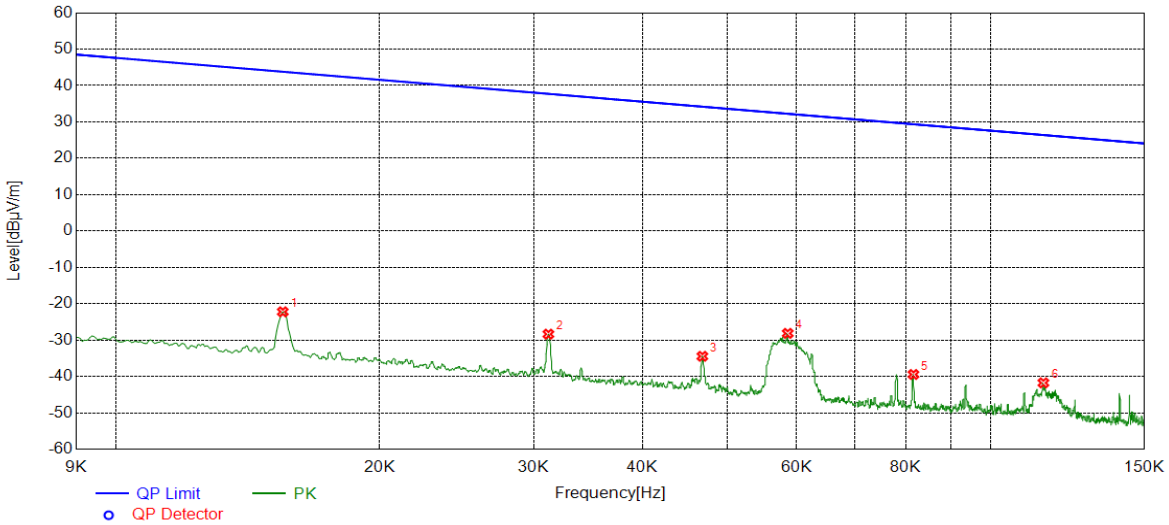
Part V: 9KHz~30MHz

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

Test Mode	Channel	Frequency Range	Verdict
11N40 MIMO	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	38.65	-60.87	-22.22	43.77	-65.99	peak
2	0.0312	32.45	-60.81	-28.36	37.71	-66.07	peak
3	0.0468	26.47	-60.92	-34.45	34.19	-68.64	peak
4	0.0586	32.92	-61.07	-28.15	32.25	-60.40	peak
5	0.0816	21.70	-61.15	-39.45	29.37	-68.82	peak
6	0.1149	19.05	-60.81	-41.76	26.40	-68.16	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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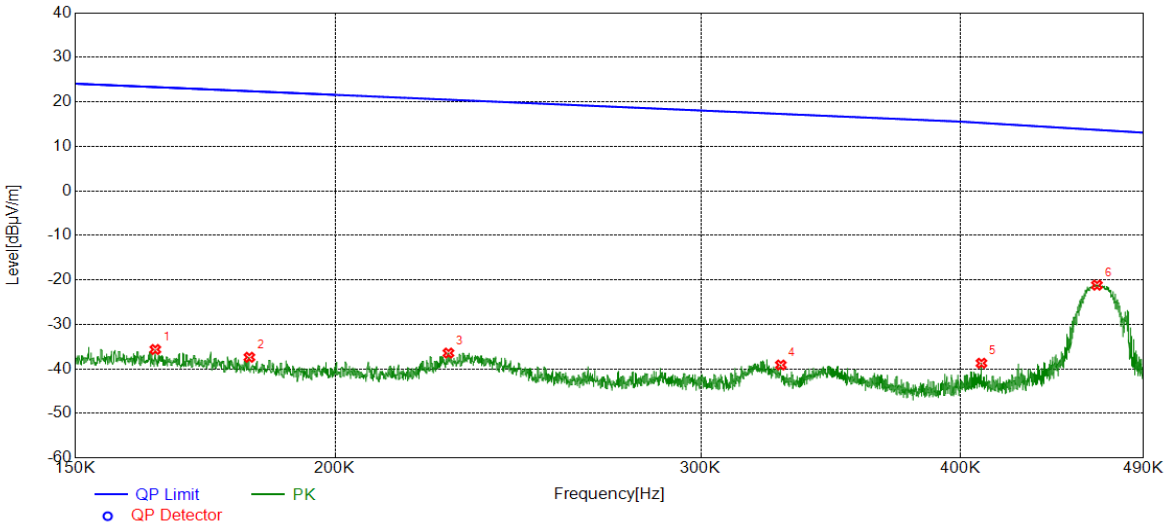
Test Mode	Channel	Frequency Range	Verdict
11N40 MIMO	HCH	150KHz~490Hz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1639	25.53	-61.16	-35.63	23.31	-58.94	peak
2	0.1819	23.69	-61.07	-37.38	22.41	-59.79	peak
3	0.2268	24.41	-60.85	-36.44	20.49	-56.93	peak
4	0.3278	21.54	-60.66	-39.12	17.29	-56.41	peak
5	0.4094	21.89	-60.60	-38.71	15.28	-53.99	peak
6	0.4653	39.37	-60.55	-21.18	13.71	-34.89	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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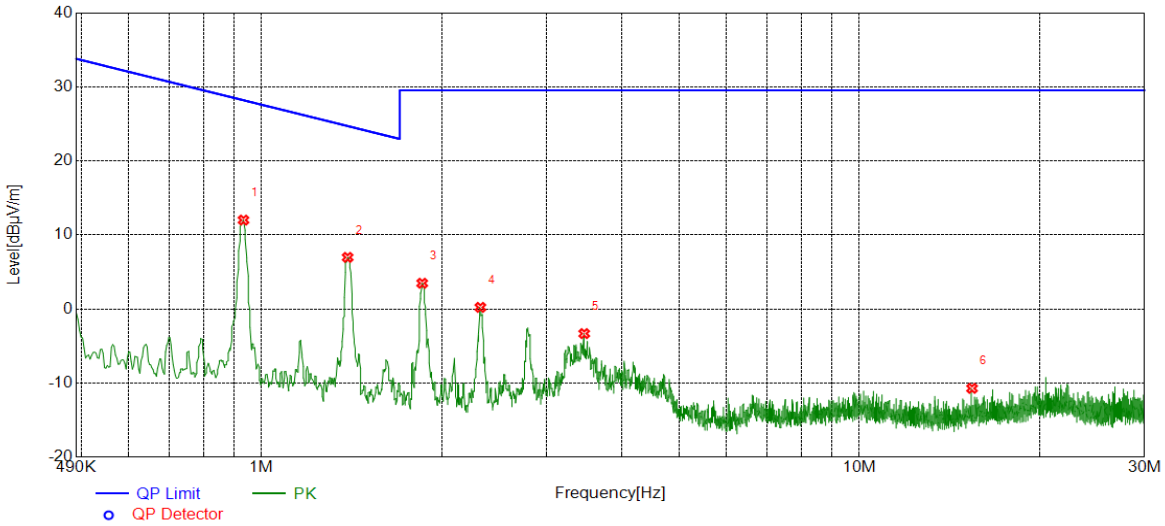
Test Mode	Channel	Frequency Range	Verdict
11N40 MIMO	HCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.9327	32.39	-20.38	12.01	28.21	-16.20	peak
2	1.3931	27.22	-20.25	6.97	24.72	-17.75	peak
3	1.8565	23.66	-20.18	3.48	29.54	-26.06	peak
4	2.3228	20.46	-20.24	0.22	29.54	-29.32	peak
5	3.4649	16.90	-20.22	-3.32	29.54	-32.86	peak
6	15.4324	8.29	-19.01	-10.72	29.54	-40.26	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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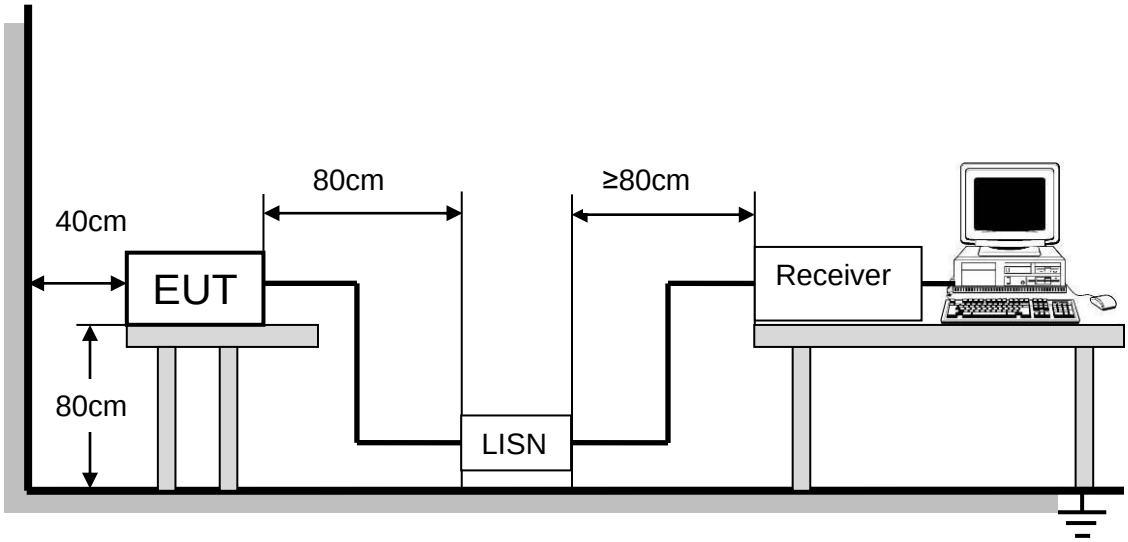
8. AC POWER LINE CONDUCTED EMISSIONS

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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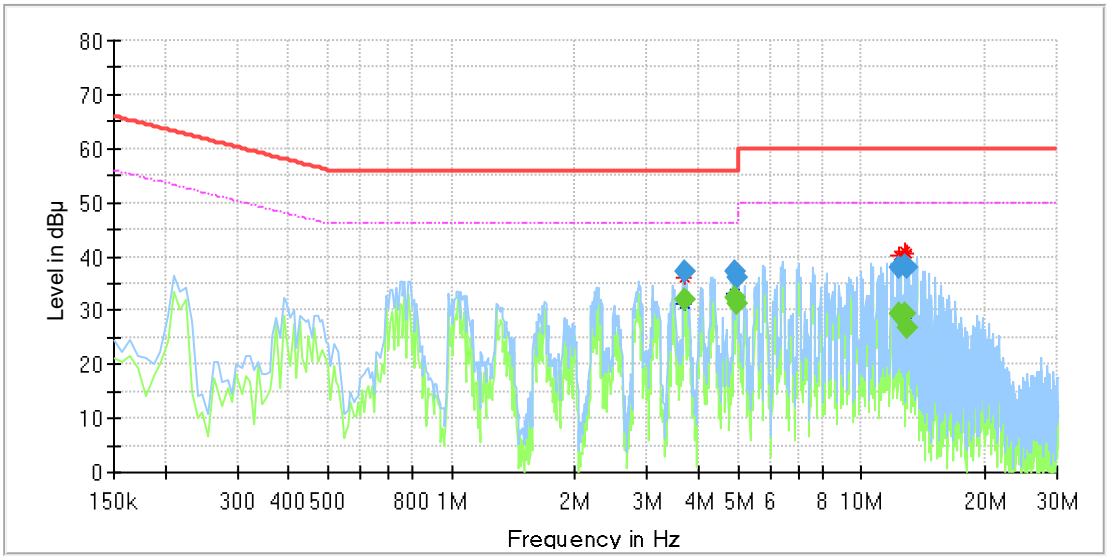
TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
3.694688	---	31.86	46.00	14.14	1000.0	9.000	L1	OFF	9.7
3.694688	37.36	---	56.00	18.64	1000.0	9.000	L1	OFF	9.7
4.896150	37.31	---	56.00	18.69	1000.0	9.000	L1	OFF	9.4
4.918538	---	32.48	46.00	13.52	1000.0	9.000	L1	OFF	9.4
4.940925	36.14	---	56.00	19.86	1000.0	9.000	L1	OFF	9.4
4.955850	---	31.30	46.00	14.70	1000.0	9.000	L1	OFF	9.4
12.358650	37.83	---	60.00	22.17	1000.0	9.000	L1	OFF	9.5
12.381038	---	29.29	50.00	20.71	1000.0	9.000	L1	OFF	9.5
12.754163	38.31	---	60.00	21.69	1000.0	9.000	L1	OFF	9.5
12.754163	---	29.26	50.00	20.74	1000.0	9.000	L1	OFF	9.5
12.925800	37.82	---	60.00	22.18	1000.0	9.000	L1	OFF	9.5
12.963113	---	26.88	50.00	23.12	1000.0	9.000	L1	OFF	9.5

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the HCH of 11N40 MIMO which is the worst case, so only the worst case is include in this test report.

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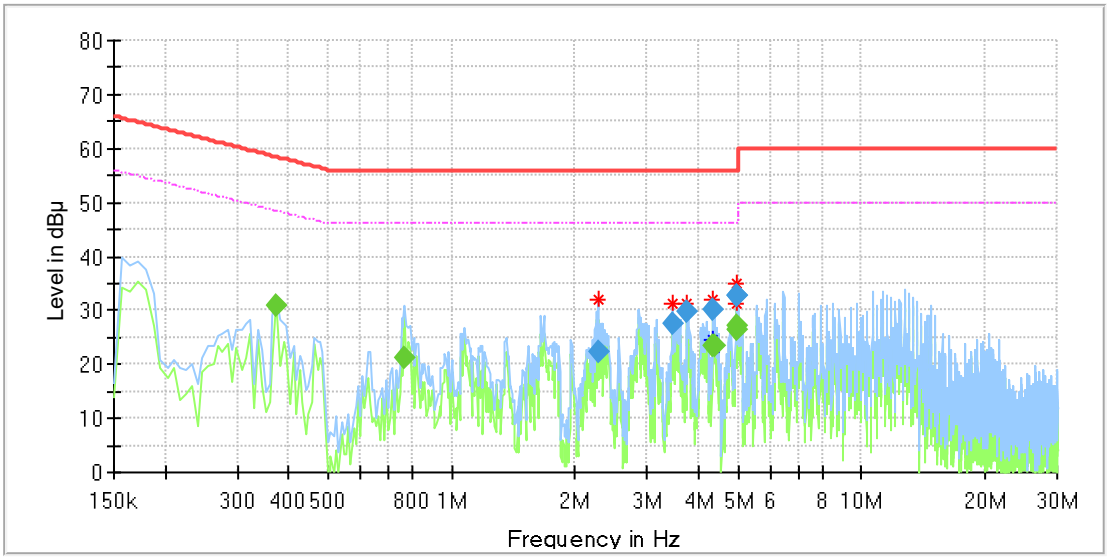
For N Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.373875	---	30.82	48.41	17.59	1000.0	9.000	N	OFF	9.7
0.769388	---	21.24	46.00	24.76	1000.0	9.000	N	OFF	9.5
2.276813	22.15	---	56.00	33.85	1000.0	9.000	N	OFF	9.6
3.470813	27.37	---	56.00	28.63	1000.0	9.000	N	OFF	9.6
3.754388	29.59	---	56.00	26.41	1000.0	9.000	N	OFF	9.6
4.351388	---	23.27	46.00	22.73	1000.0	9.000	N	OFF	9.6
4.351388	30.32	---	56.00	25.68	1000.0	9.000	N	OFF	9.6
4.366313	---	23.57	46.00	22.43	1000.0	9.000	N	OFF	9.6
4.940925	32.84	---	56.00	23.16	1000.0	9.000	N	OFF	9.7
4.940925	---	27.25	46.00	18.75	1000.0	9.000	N	OFF	9.7
4.978238	---	26.27	46.00	19.73	1000.0	9.000	N	OFF	9.7
4.978238	32.61	---	56.00	23.39	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 MIMO 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 CONNECTOR

EUT has a EUT with two Dipole Antennas(The antennas are Non-Detachable).

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT

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