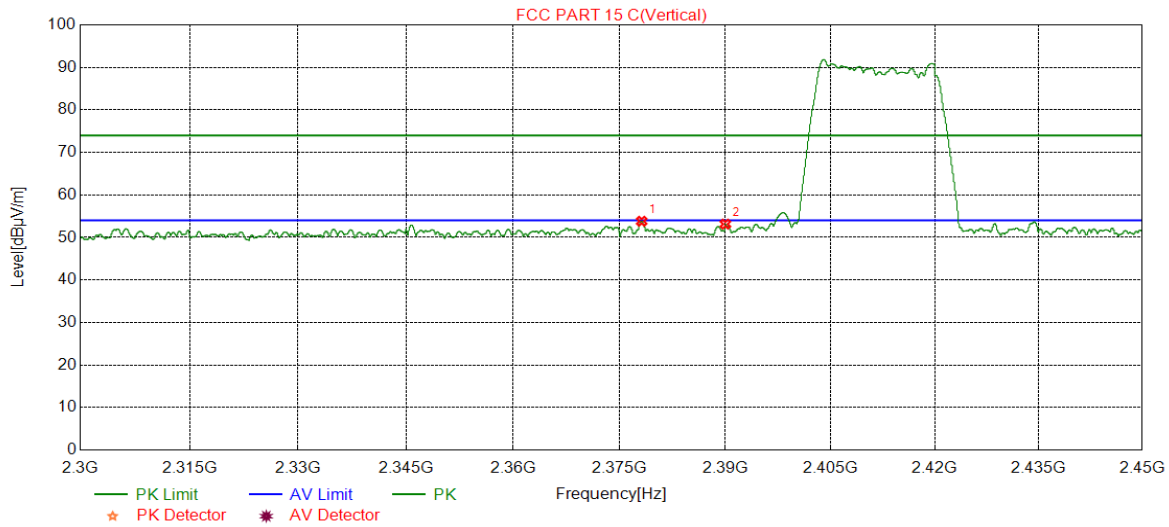


RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

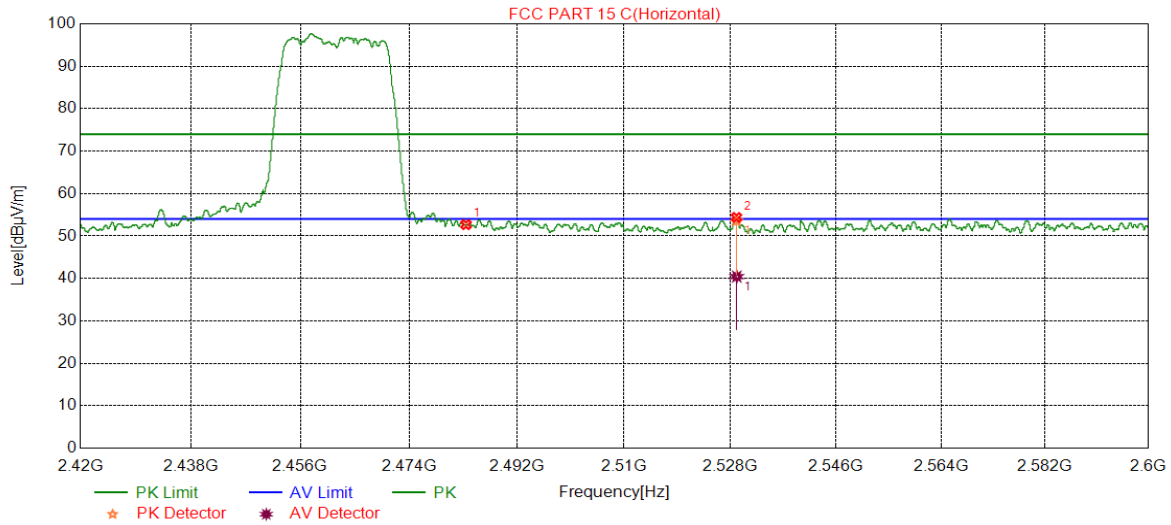


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2378.1223	39.84	13.97	53.81	74.00	-20.19	peak
2	2390.0000	39.05	14.09	53.14	74.00	-20.86	peak

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. Peak: Peak detector.
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)

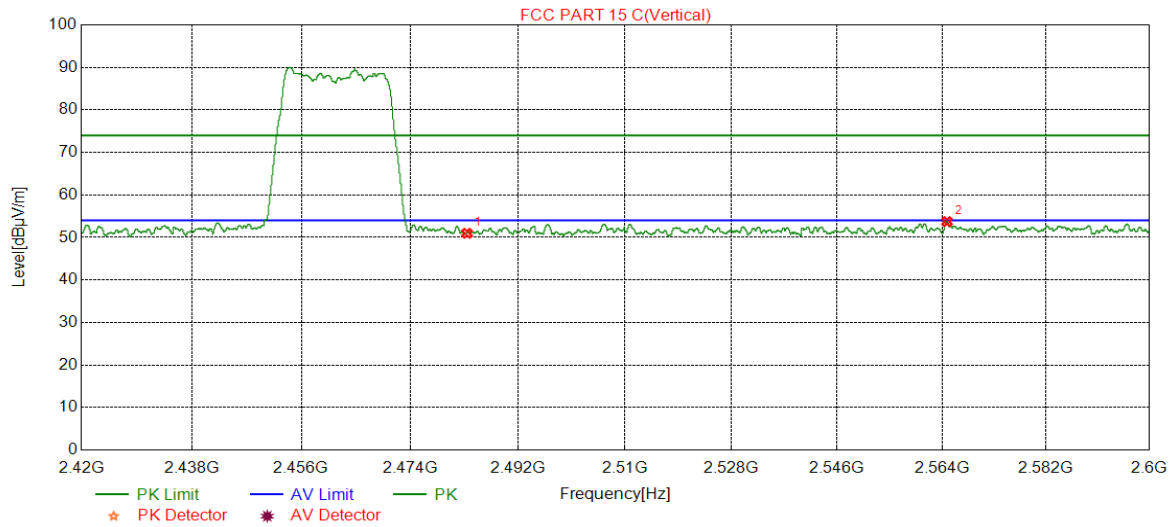


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	38.79	13.88	52.67	74.00	-21.33	peak
2	2529.0688	39.29	14.27	53.56	74.00	-20.44	peak
		26.16	14.27	40.43	54.00	-13.57	average

- 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. Peak: Peak detector.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



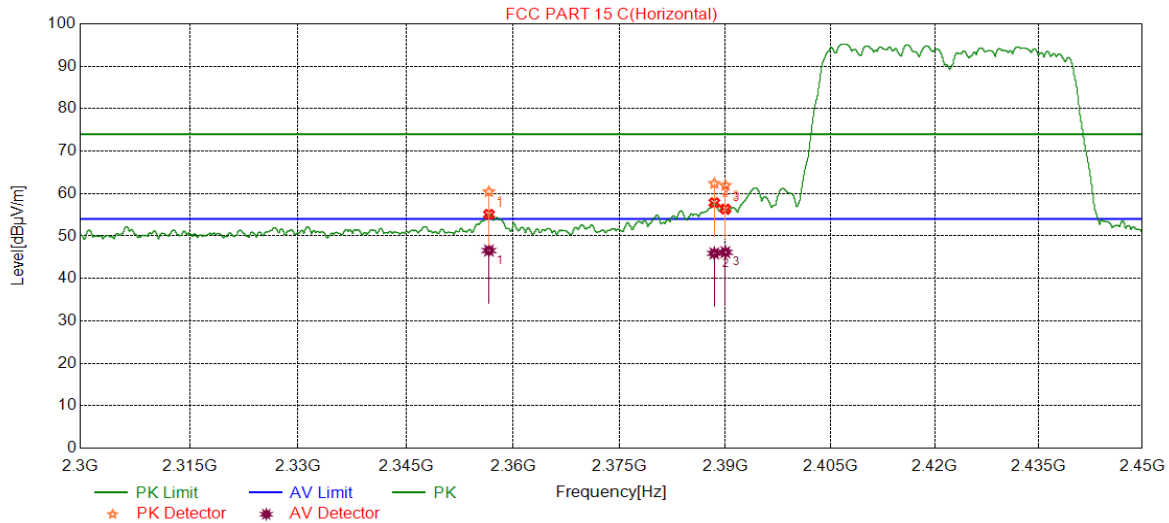
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	37.10	13.88	50.98	74.00	-23.02	peak
2	2564.8605	39.24	14.48	53.72	74.00	-20.28	peak

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. Peak: Peak detector.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

9.1.1. 802.11n HT40 MODE

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

PEAK

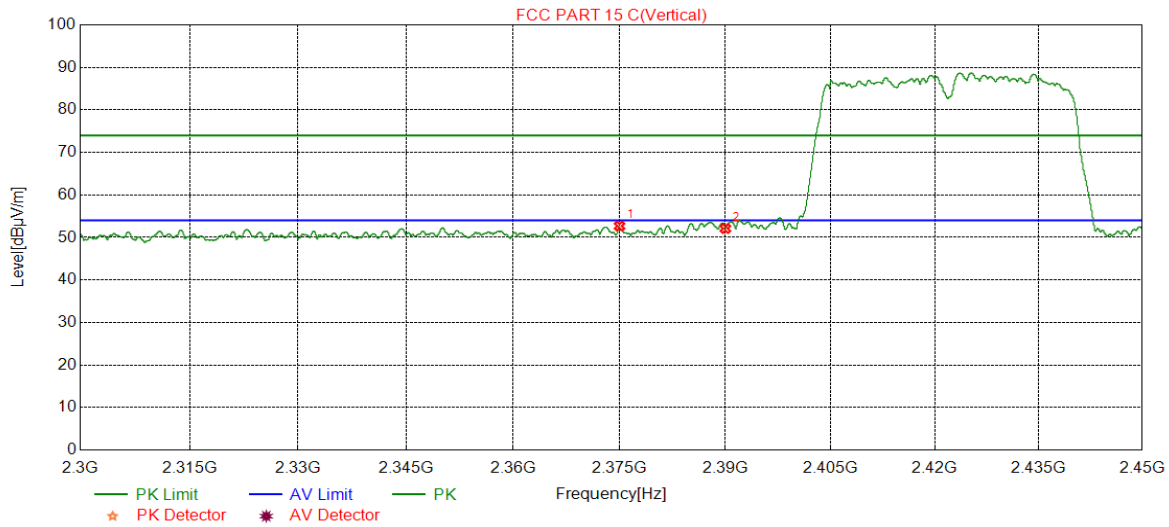


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2356.6013	46.71	13.71	60.42	74.00	-13.58	peak
		32.86	13.71	46.57	54.00	-7.43	average
2	2388.4241	48.30	14.06	62.36	74.00	-11.64	peak
		31.84	14.06	45.90	54.00	-8.10	average
3	2390.0000	47.81	14.09	61.90	74.00	-12.10	peak
		32.08	14.09	46.17	54.00	-7.83	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. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

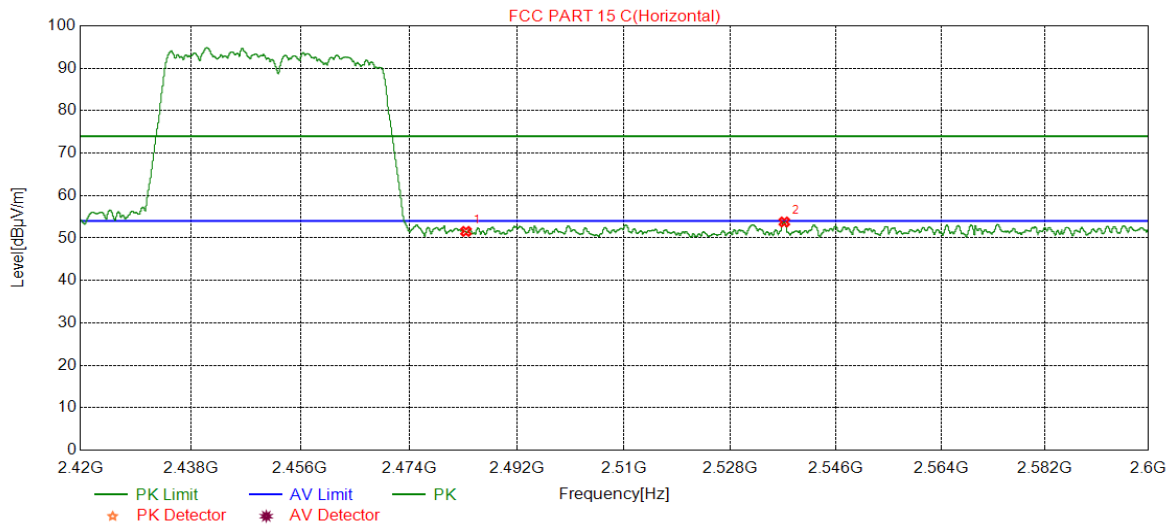


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2374.9906	38.75	13.93	52.68	74.00	-21.32	peak
2	2390.0000	38.01	14.09	52.10	74.00	-21.90	peak

- 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. Peak: Peak detector.
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)

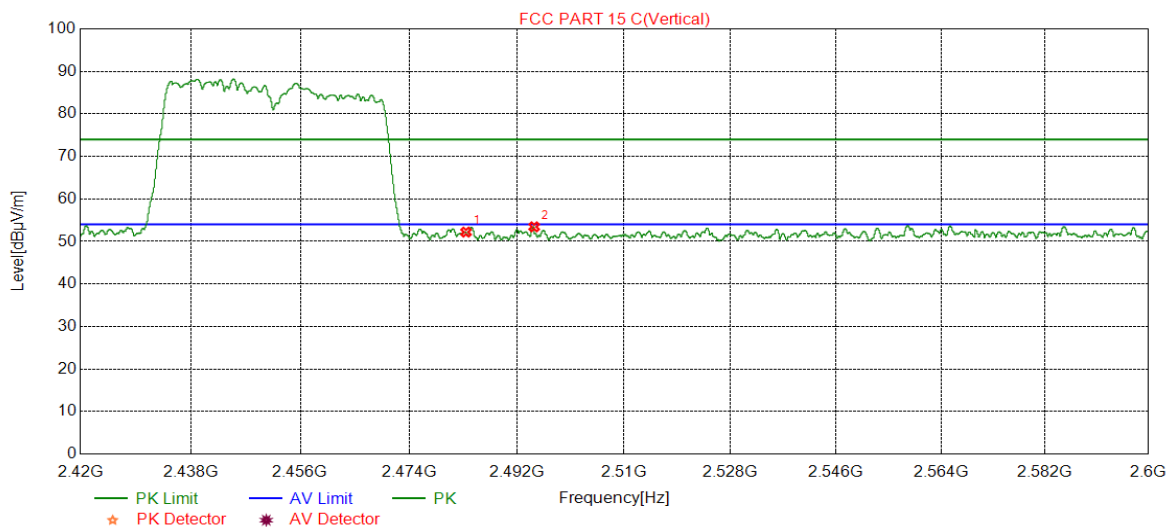


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	37.67	13.88	51.55	74.00	-22.45	peak
2	2537.1557	39.50	14.27	53.77	74.00	-20.23	peak

- 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. Peak: Peak detector.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



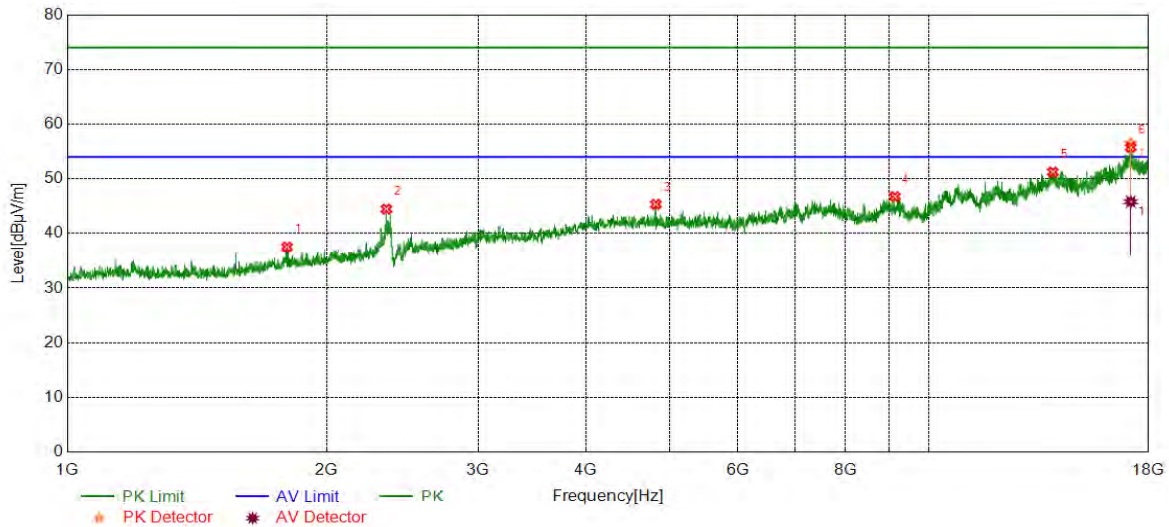
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	38.32	13.88	52.20	74.00	-21.80	peak
2	2494.8875	39.43	14.01	53.44	74.00	-20.56	peak

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. Peak: Peak detector.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

9.2. SPURIOUS EMISSIONS (1~18GHz)

9.2.1. 802.11b MODE

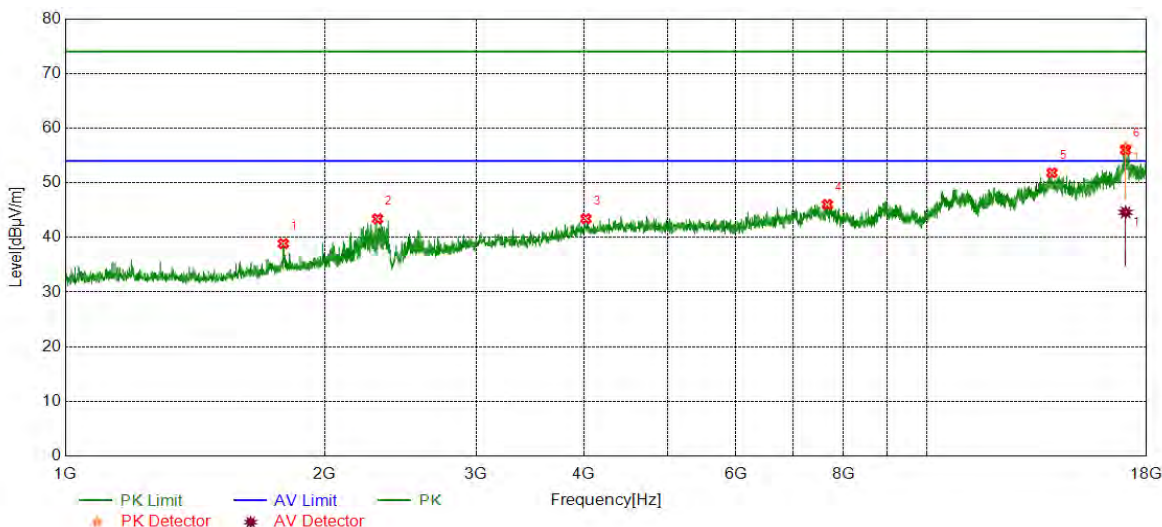
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1799.5999	41.38	-3.88	37.50	74.00	-36.50	peak
2	2347.1157	46.20	-1.75	44.45	74.00	-29.55	peak
3	4822.8038	40.38	4.94	45.32	74.00	-28.68	peak
4	9133.5223	37.31	9.42	46.73	74.00	-27.27	peak
5	13936.8228	35.21	16.03	51.24	74.00	-22.76	peak
6	17159.8600	36.79	19.74	56.53	74.00	-17.47	peak
		26.07	19.74	45.81	54.00	-8.19	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

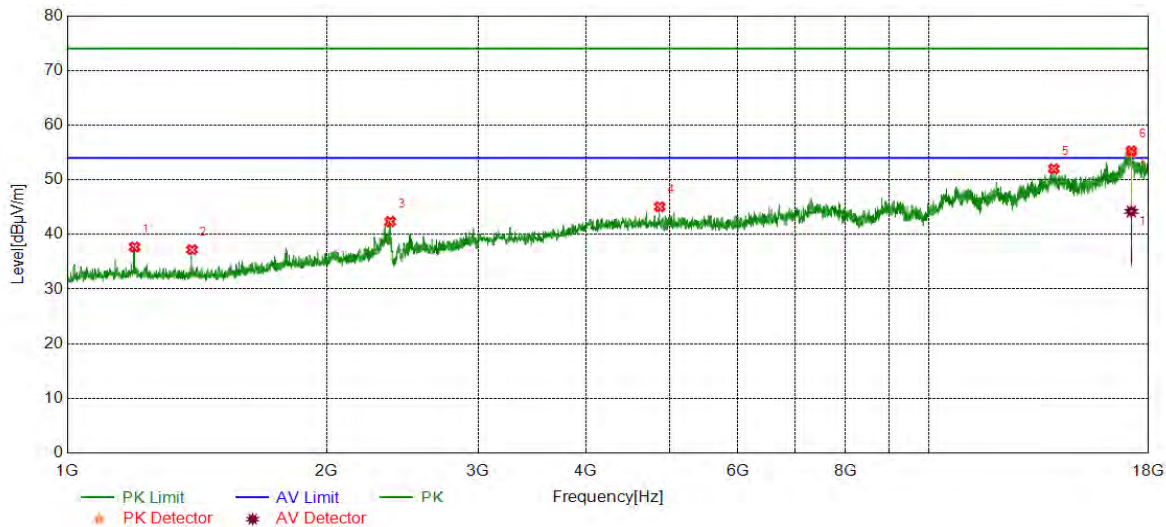
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1791.5972	42.84	-3.97	38.87	74.00	-35.13	peak
2	2303.7679	45.21	-1.81	43.40	74.00	-30.60	peak
3	4022.6704	38.98	4.45	43.43	74.00	-30.57	peak
4	7668.2780	37.24	8.77	46.01	74.00	-27.99	peak
5	13976.8295	35.48	16.35	51.83	74.00	-22.17	peak
6	17017.3362	36.55	19.98	56.53	74.00	-17.47	peak
		24.61	19.98	44.59	54.00	-9.41	average

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

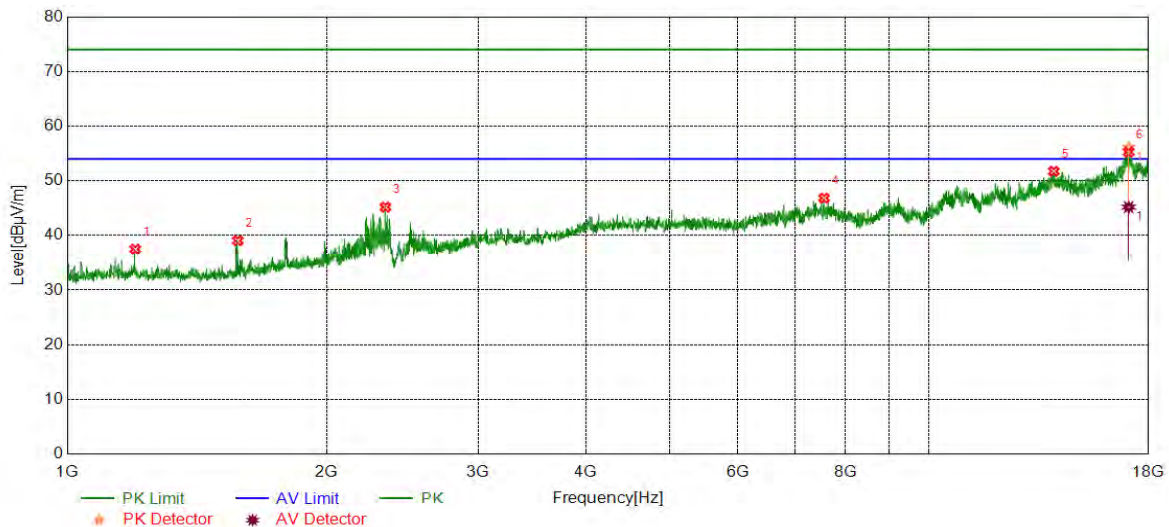
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.3991	43.25	-5.54	37.71	74.00	-36.29	peak
2	1396.1320	42.84	-5.63	37.21	74.00	-36.79	peak
3	2371.1237	43.91	-1.56	42.35	74.00	-31.65	peak
4	4872.8121	39.85	5.21	45.06	74.00	-28.94	peak
5	13969.3282	36.08	15.93	52.01	74.00	-21.99	peak
6	17187.3646	35.37	19.55	54.92	74.00	-19.08	peak
		24.66	19.55	44.21	54.00	-9.79	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

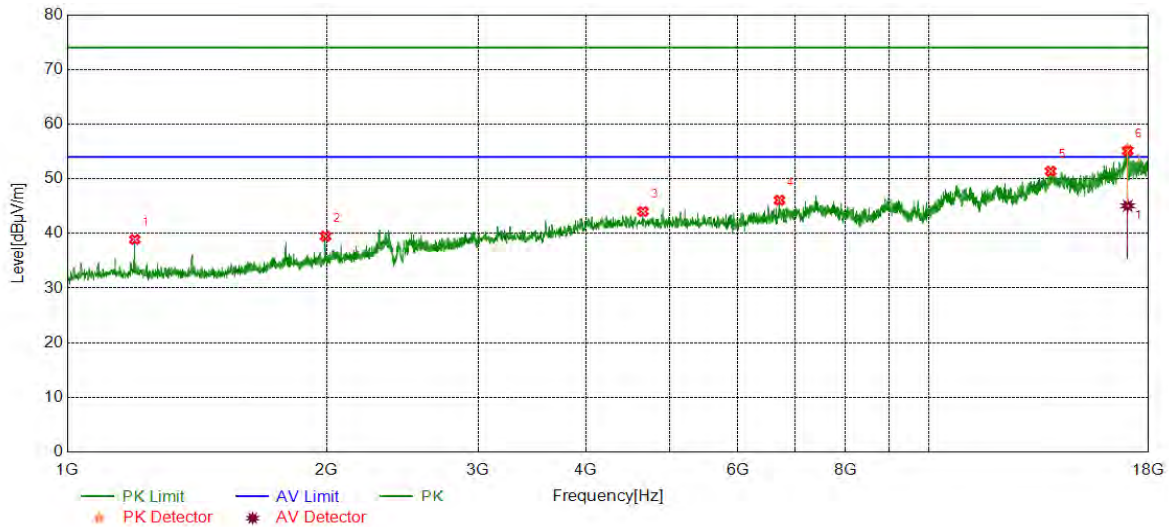
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1199.3998	43.01	-5.54	37.47	74.00	-36.53	peak
2	1577.5258	44.32	-5.28	39.04	74.00	-34.96	peak
3	2341.1137	46.99	-1.81	45.18	74.00	-28.82	peak
4	7560.7601	37.74	9.08	46.82	74.00	-27.18	peak
5	13969.3282	35.80	15.93	51.73	74.00	-22.27	peak
6	17064.8441	35.55	20.52	56.07	74.00	-17.93	peak
		24.66	20.52	45.18	54.00	-8.82	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

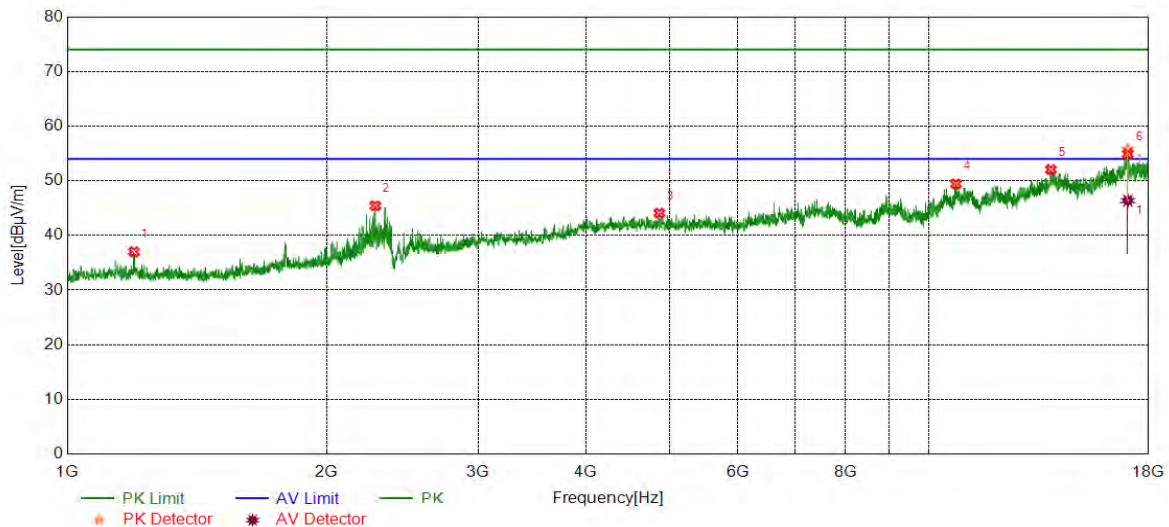
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.0660	44.43	-5.54	38.89	74.00	-35.11	peak
2	1994.9983	42.56	-3.06	39.50	74.00	-34.50	peak
3	4660.2767	38.59	5.42	44.01	74.00	-29.99	peak
4	6710.6184	37.70	8.37	46.07	74.00	-27.93	peak
5	13854.3091	35.71	15.67	51.38	74.00	-22.62	peak
6	17022.3371	35.22	20.17	55.39	74.00	-18.61	peak
		24.88	20.17	45.05	54.00	-8.95	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

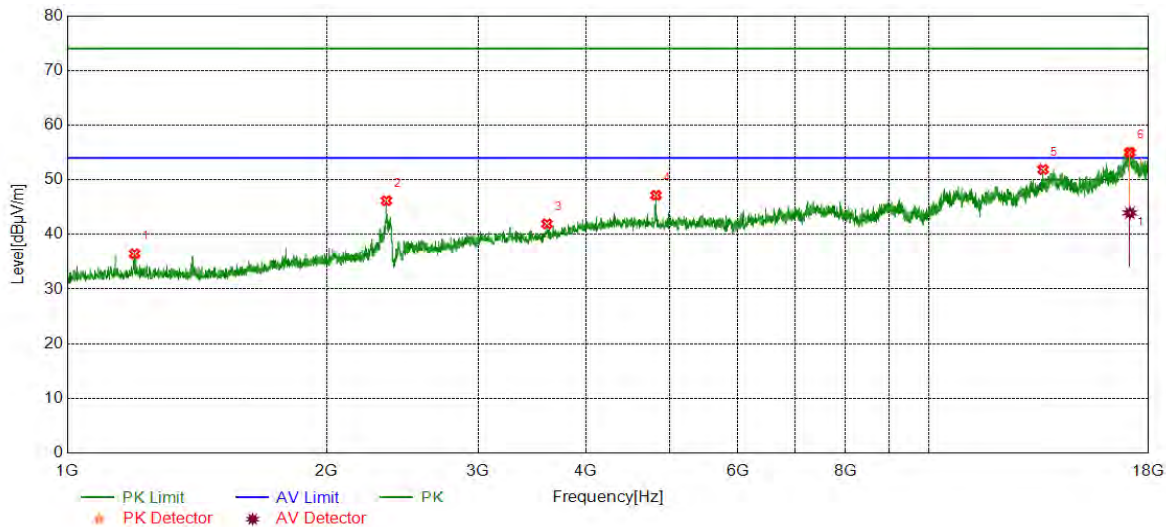


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1195.3985	42.55	-5.54	37.01	74.00	-36.99	peak
2	2279.0930	47.52	-2.10	45.42	74.00	-28.58	peak
3	4867.8113	38.91	5.17	44.08	74.00	-29.92	peak
4	10756.2927	36.60	12.83	49.43	74.00	-24.57	peak
5	13864.3107	36.19	15.85	52.04	74.00	-21.96	peak
6	17027.3379	35.52	20.21	55.73	74.00	-18.27	peak
		26.17	20.21	46.38	54.00	-7.62	average

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

9.2.2. 802.11g MODE

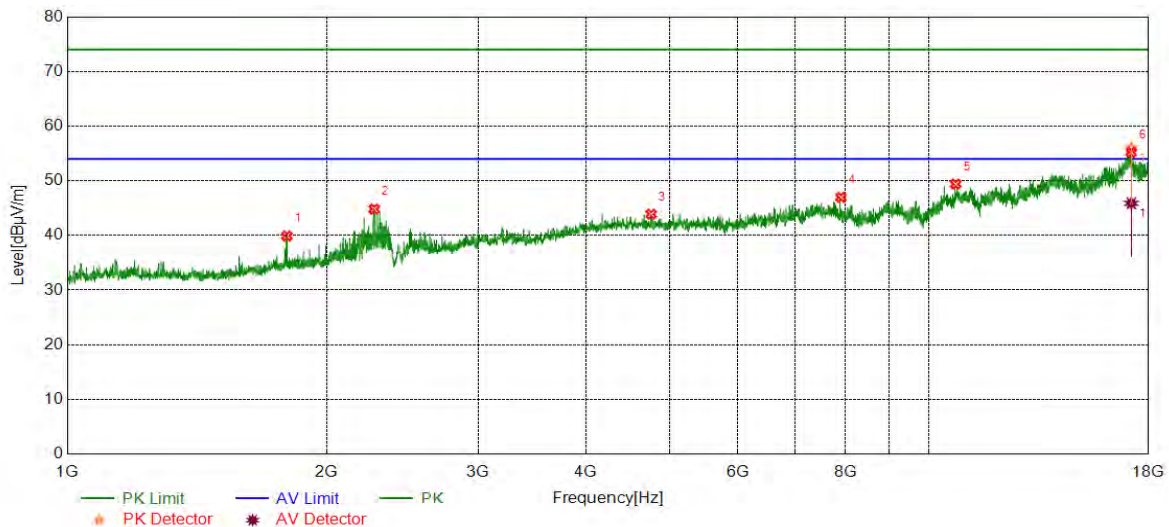
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.3991	42.00	-5.54	36.46	74.00	-37.54	peak
2	2347.1157	47.92	-1.75	46.17	74.00	-27.83	peak
3	3605.1009	39.11	2.83	41.94	74.00	-32.06	peak
4	4825.3042	42.22	4.93	47.15	74.00	-26.85	peak
5	13576.7628	37.02	14.86	51.88	74.00	-22.12	peak
6	17119.8533	35.91	19.01	54.92	74.00	-19.08	peak
		24.93	19.01	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. Peak: Peak detector.
4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

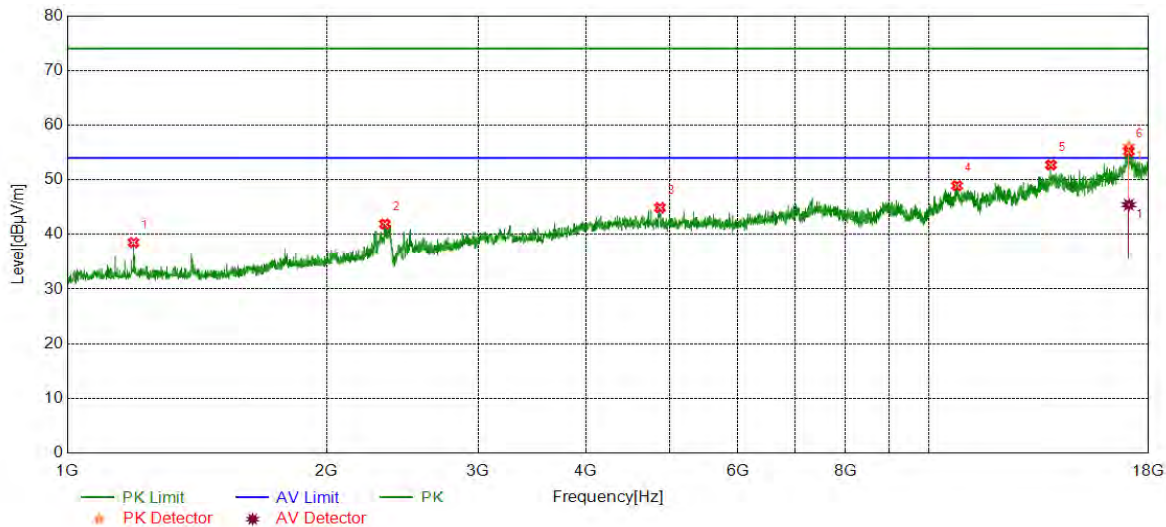
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1798.9330	43.80	-3.89	39.91	74.00	-34.09	peak
2	2271.7573	46.98	-2.16	44.82	74.00	-29.18	peak
3	4762.7938	38.74	5.14	43.88	74.00	-30.12	peak
4	7908.3181	38.53	8.45	46.98	74.00	-27.02	peak
5	10746.2910	36.65	12.74	49.39	74.00	-24.61	peak
6	17184.8641	36.44	19.57	56.01	74.00	-17.99	peak
		26.30	19.57	45.87	54.00	-8.13	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

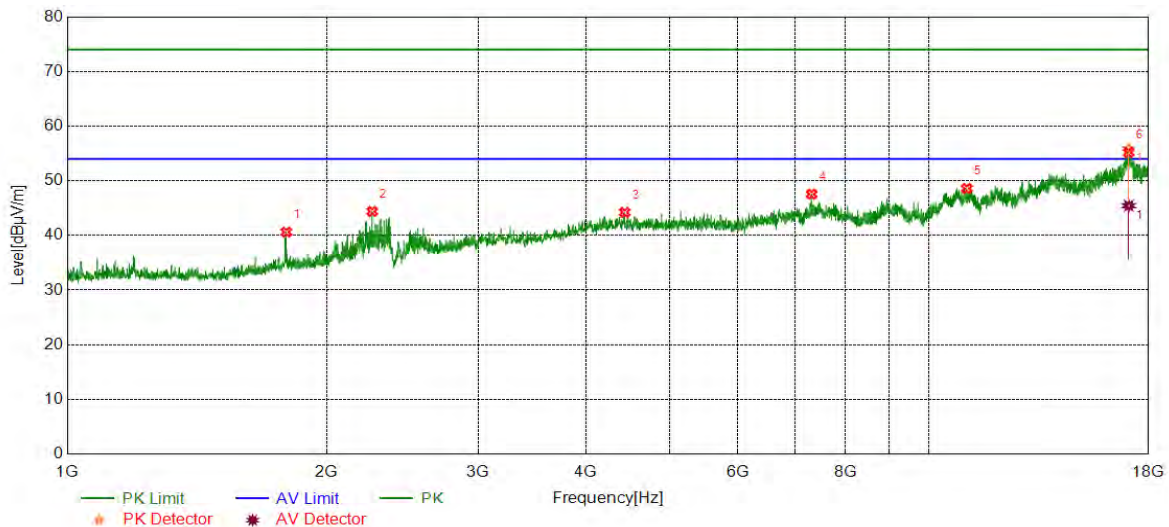
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1194.0647	44.04	-5.55	38.49	74.00	-35.51	peak
2	2337.7793	43.72	-1.82	41.90	74.00	-32.10	peak
3	4875.3126	39.70	5.19	44.89	74.00	-29.11	peak
4	10788.7981	36.36	12.55	48.91	74.00	-25.09	peak
5	13864.3107	36.86	15.85	52.71	74.00	-21.29	peak
6	17069.8450	35.54	20.52	56.06	74.00	-17.94	peak
		24.91	20.52	45.43	54.00	-8.57	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. Peak: Peak detector.
 4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

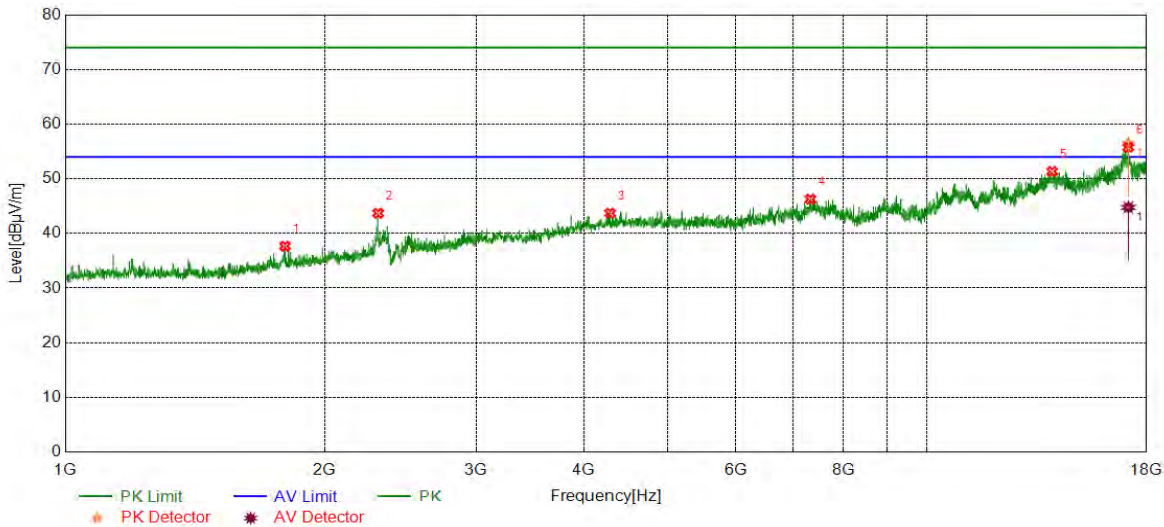
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1796.2654	44.53	-3.92	40.61	74.00	-33.39	peak
2	2259.7533	46.59	-2.20	44.39	74.00	-29.61	peak
3	4437.7396	39.07	5.13	44.20	74.00	-29.80	peak
4	7313.2189	38.67	8.88	47.55	74.00	-26.45	peak
5	11073.8456	35.86	12.73	48.59	74.00	-25.41	peak
6	17067.3446	35.34	20.52	55.86	74.00	-18.14	peak
		24.92	20.52	45.44	54.00	-8.56	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

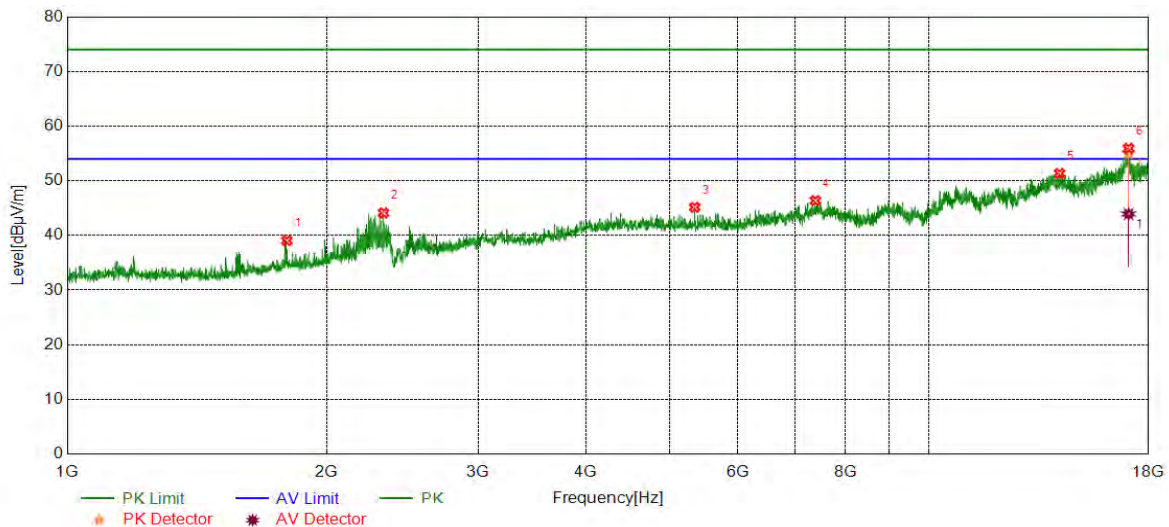
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1799.5999	41.55	-3.88	37.67	74.00	-36.33	peak
2	2308.4361	45.40	-1.71	43.69	74.00	-30.31	peak
3	4290.2150	38.95	4.76	43.71	74.00	-30.29	peak
4	7328.2214	37.40	8.87	46.27	74.00	-27.73	peak
5	13984.3307	34.96	16.38	51.34	74.00	-22.66	peak
6	17139.8566	37.14	19.30	56.44	74.00	-17.56	peak
		25.46	19.30	44.76	54.00	-9.24	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

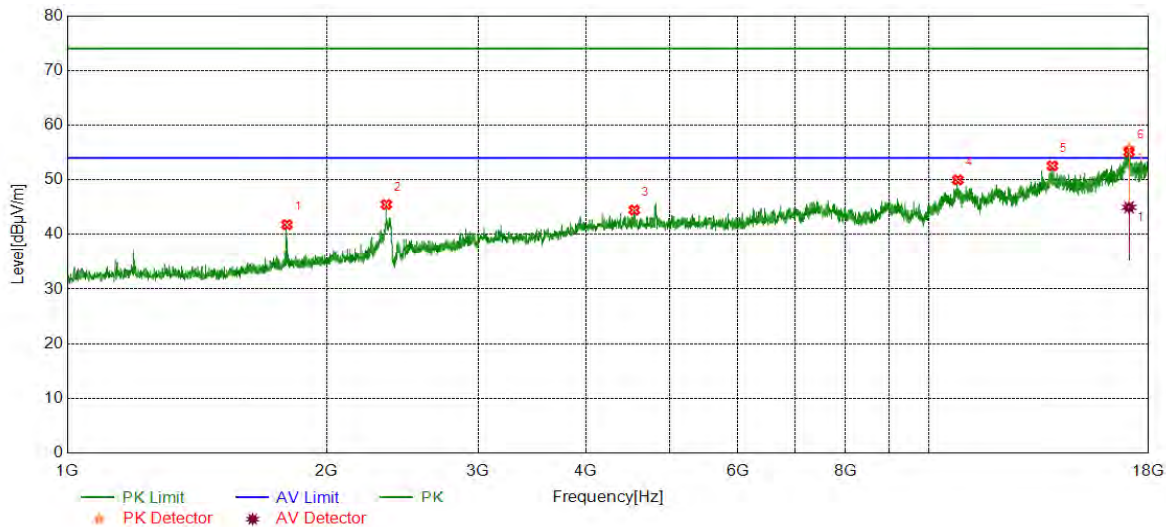


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1798.2661	42.94	-3.90	39.04	74.00	-34.96	peak
2	2329.1097	45.92	-1.80	44.12	74.00	-29.88	peak
3	5350.3917	39.82	5.33	45.15	74.00	-28.85	peak
4	7385.7310	37.26	9.11	46.37	74.00	-27.63	peak
5	14184.3641	35.45	15.88	51.33	74.00	-22.67	peak
6	17062.3437	34.43	20.52	54.95	74.00	-19.05	peak
		23.39	20.52	43.91	54.00	-10.09	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

9.2.3. 802.11n HT20 MODE

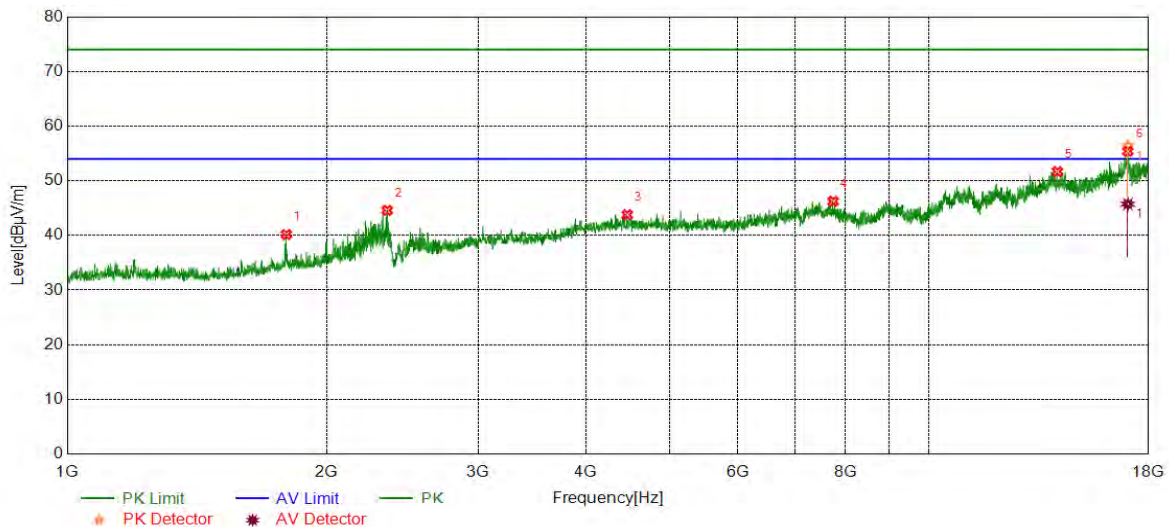
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1798.9330	45.67	-3.89	41.78	74.00	-32.22	peak
2	2347.1157	47.23	-1.75	45.48	74.00	-28.52	peak
3	4552.7588	38.78	5.68	44.46	74.00	-29.54	peak
4	10808.8015	37.09	12.88	49.97	74.00	-24.03	peak
5	13919.3199	36.50	16.05	52.55	74.00	-21.45	peak
6	17082.3471	36.43	19.28	55.71	74.00	-18.29	peak
		25.68	19.28	44.96	54.00	-9.04	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

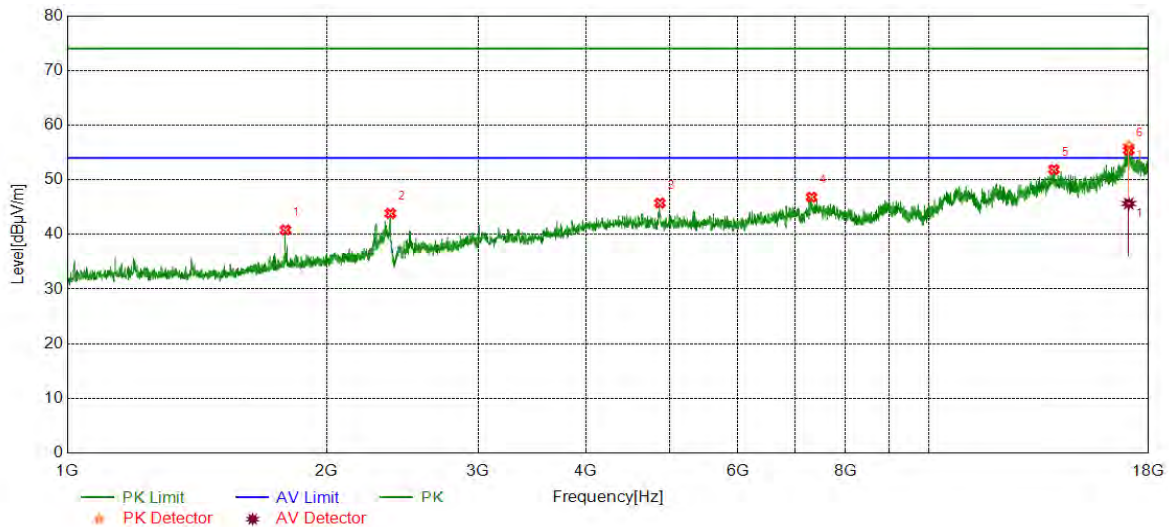
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1796.2654	44.09	-3.92	40.17	74.00	-33.83	peak
2	2351.7839	46.28	-1.70	44.58	74.00	-29.42	peak
3	4467.7446	38.68	5.10	43.78	74.00	-30.22	peak
4	7745.7910	37.60	8.64	46.24	74.00	-27.76	peak
5	14104.3507	35.63	16.04	51.67	74.00	-22.33	peak
6	17027.3379	36.16	20.21	56.37	74.00	-17.63	peak
		25.51	20.21	45.72	54.00	-8.28	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

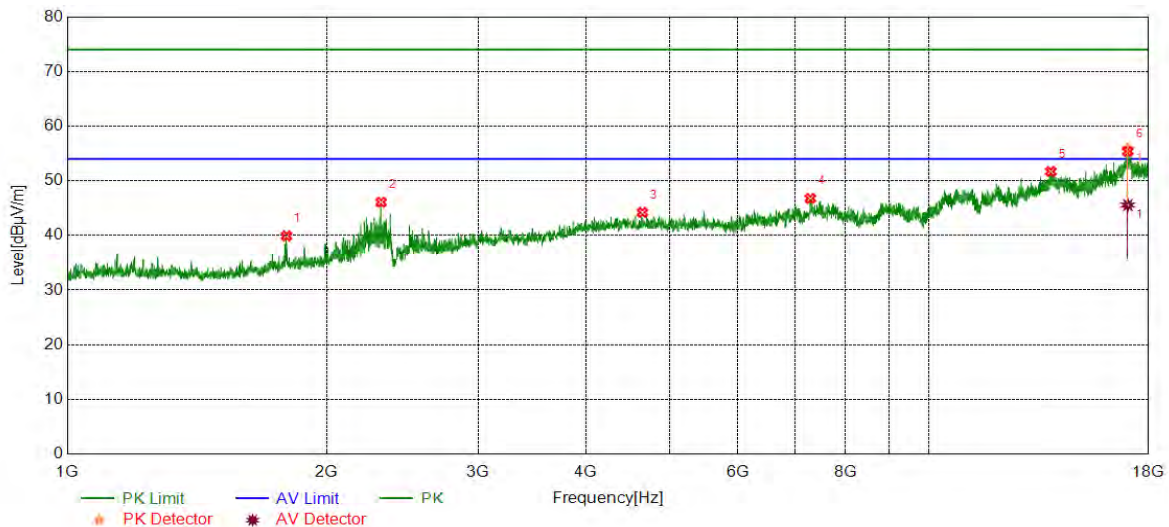
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1792.2641	44.79	-3.96	40.83	74.00	-33.17	peak
2	2372.4575	45.39	-1.55	43.84	74.00	-30.16	peak
3	4875.3126	40.54	5.19	45.73	74.00	-28.27	peak
4	7310.7185	37.97	8.85	46.82	74.00	-27.18	peak
5	13974.3291	35.67	16.20	51.87	74.00	-22.13	peak
6	17067.3446	35.69	20.52	56.21	74.00	-17.79	peak
		25.13	20.52	45.65	54.00	-8.35	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

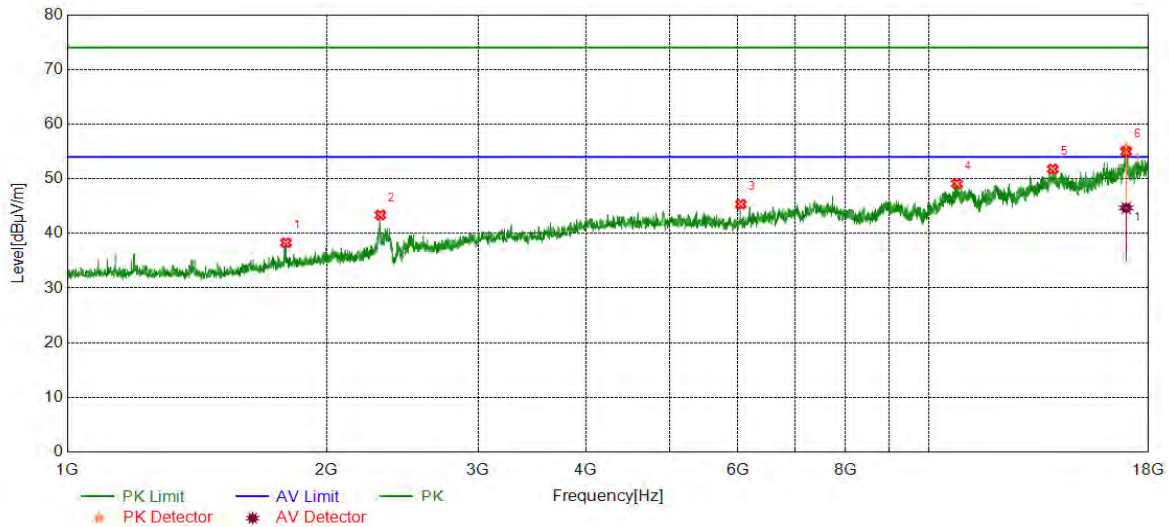
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1796.9323	43.82	-3.91	39.91	74.00	-34.09	peak
2	2313.7713	47.75	-1.68	46.07	74.00	-27.93	peak
3	4652.7755	38.92	5.29	44.21	74.00	-29.79	peak
4	7288.2147	37.75	9.01	46.76	74.00	-27.24	peak
5	13861.8103	35.94	15.75	51.69	74.00	-22.31	peak
6	17027.3379	35.66	20.21	55.87	74.00	-18.13	peak
		25.35	20.21	45.56	54.00	-8.44	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

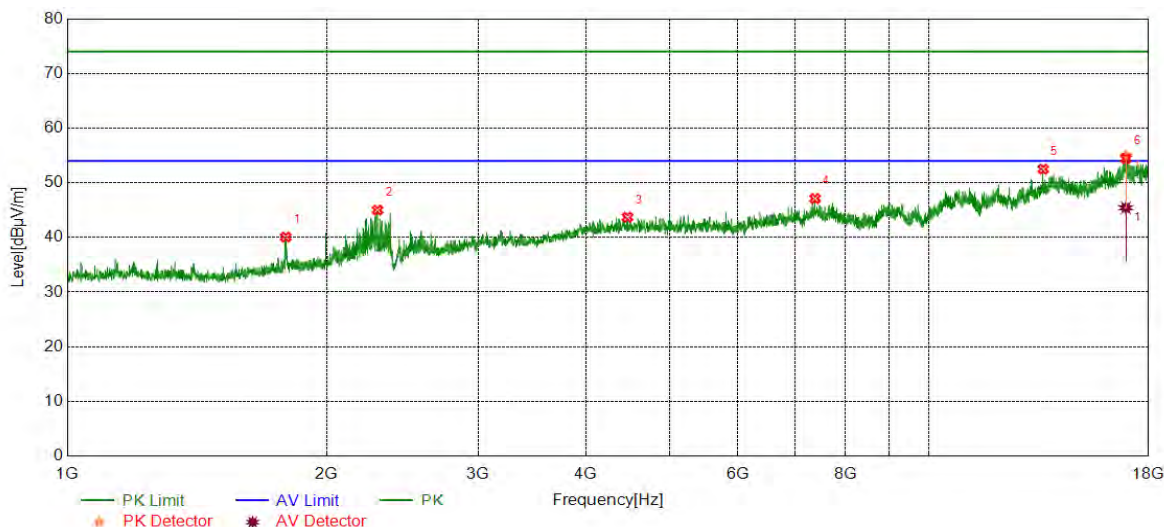
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1794.2648	42.24	-3.94	38.30	74.00	-35.70	peak
2	2309.7699	45.06	-1.69	43.37	74.00	-30.63	peak
3	6053.0088	39.65	5.69	45.34	74.00	-28.66	peak
4	10783.7973	36.52	12.59	49.11	74.00	-24.89	peak
5	13934.3224	35.73	16.04	51.77	74.00	-22.23	peak
6	16952.3254	35.63	19.93	55.56	74.00	-18.44	peak
		24.72	19.93	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. Peak: Peak detector.
 4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

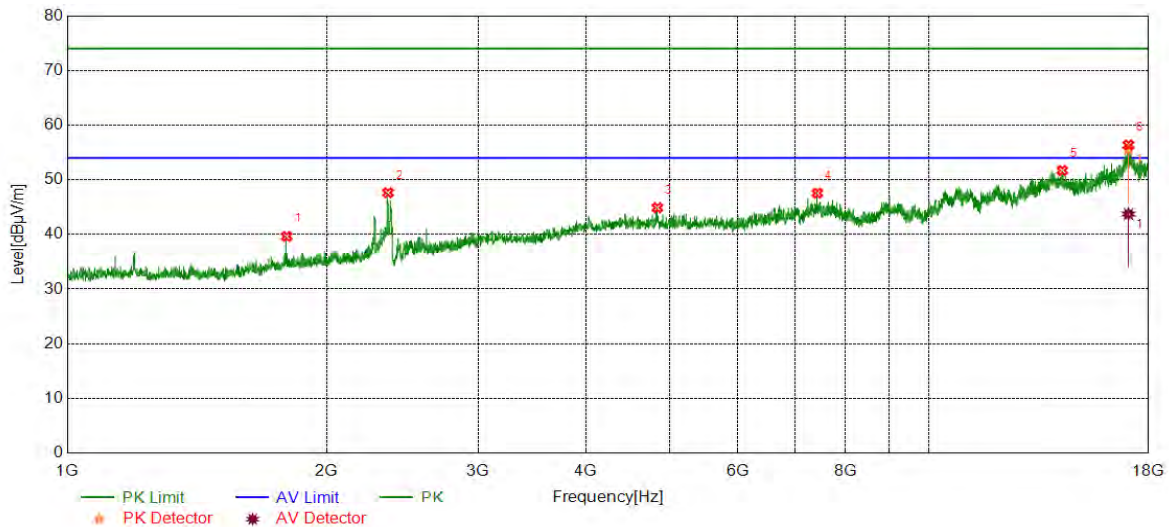


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1793.5979	44.02	-3.95	40.07	74.00	-33.93	peak
2	2292.4308	47.00	-2.01	44.99	74.00	-29.01	peak
3	4470.2450	38.65	5.06	43.71	74.00	-30.29	peak
4	7380.7301	37.85	9.26	47.11	74.00	-26.89	peak
5	13579.2632	37.61	14.89	52.50	74.00	-21.50	peak
6	16939.8233	34.82	20.07	54.89	74.00	-19.11	peak
		25.35	20.07	45.42	54.00	-8.58	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

9.2.4. 802.11n HT40 MODE

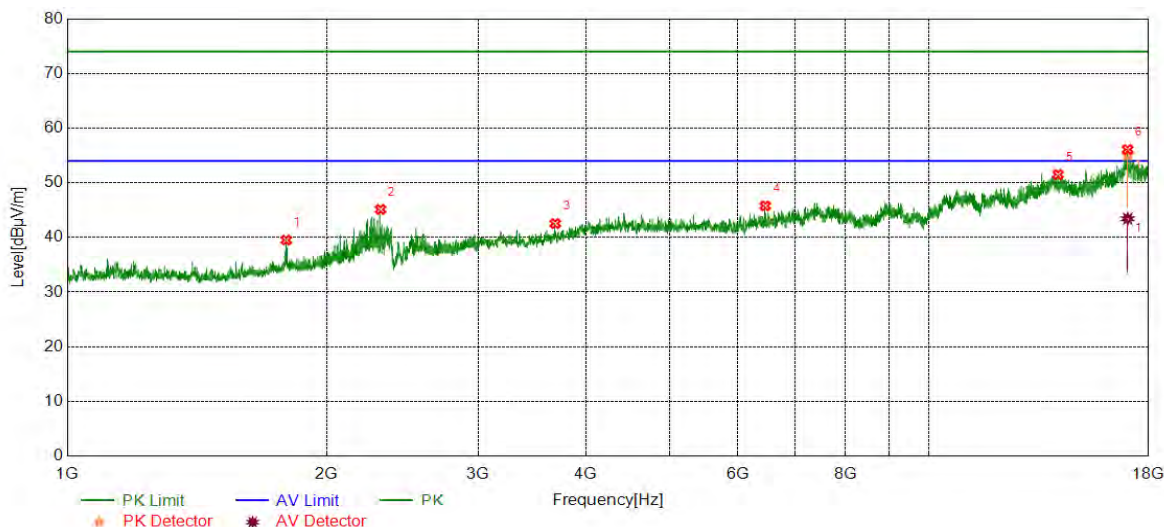
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1797.5992	43.54	-3.90	39.64	74.00	-34.36	peak
2	2357.1190	49.30	-1.67	47.63	74.00	-26.37	peak
3	4842.8071	39.85	5.03	44.88	74.00	-29.12	peak
4	7425.7376	38.30	9.25	47.55	74.00	-26.45	peak
5	14289.3816	35.97	15.73	51.70	74.00	-22.30	peak
6	17057.3429	35.06	20.51	55.57	74.00	-18.43	peak
		23.21	20.51	43.72	54.00	-10.28	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

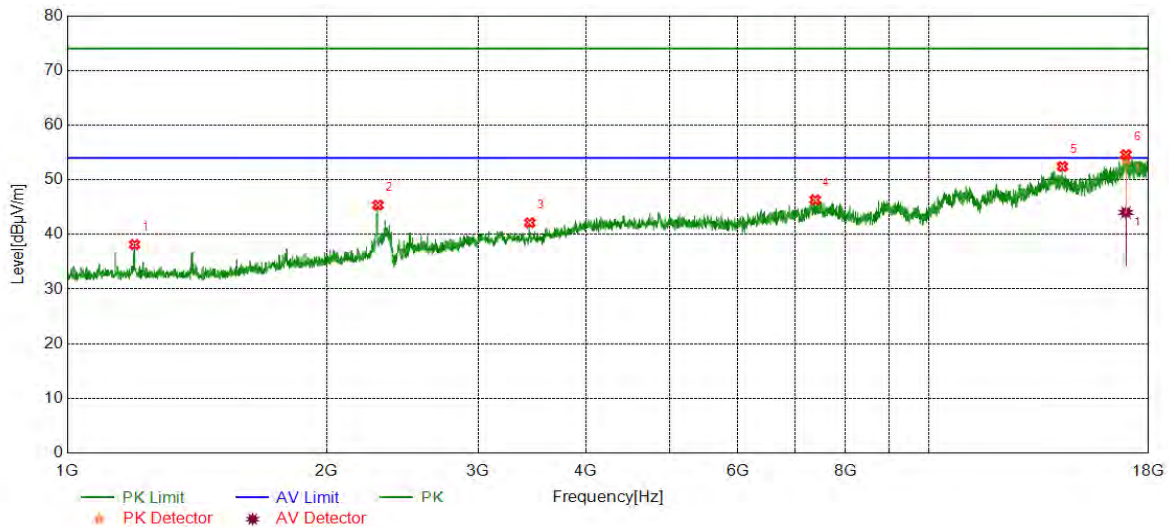
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1795.5985	43.44	-3.92	39.52	74.00	-34.48	peak
2	2310.4368	46.81	-1.68	45.13	74.00	-28.87	peak
3	3685.1142	39.48	3.06	42.54	74.00	-31.46	peak
4	6460.5768	38.50	7.27	45.77	74.00	-28.23	peak
5	14126.8545	35.40	16.11	51.51	74.00	-22.49	peak
6	17019.8366	34.93	20.15	55.08	74.00	-18.92	peak
		23.26	20.15	43.41	54.00	-10.59	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

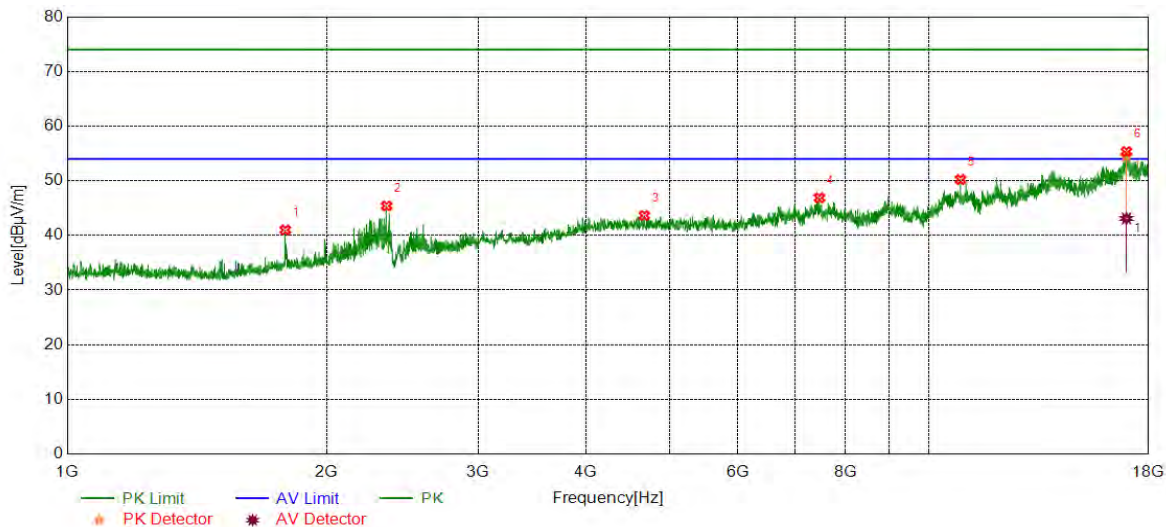
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1197.3991	43.69	-5.54	38.15	74.00	-35.85	peak
2	2294.4315	47.35	-1.98	45.37	74.00	-28.63	peak
3	3442.5738	40.00	2.13	42.13	74.00	-31.87	peak
4	7383.2305	37.14	9.19	46.33	74.00	-27.67	peak
5	14294.3824	36.69	15.74	52.43	74.00	-21.57	peak
6	16939.8233	33.7	20.07	53.77	74.00	-20.23	peak
		23.95	20.07	44.02	54.00	-9.98	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

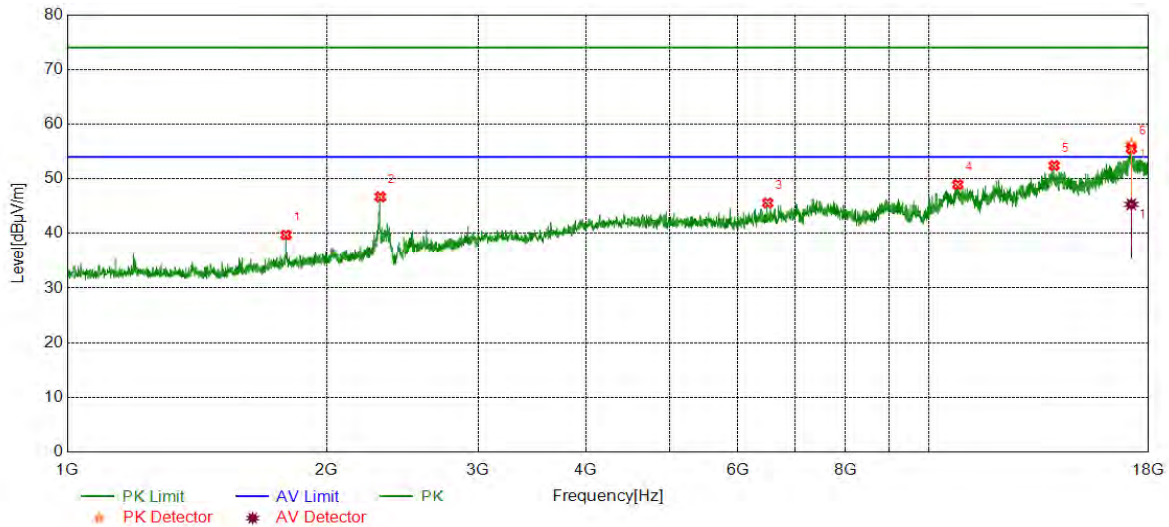
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1791.5972	44.97	-3.97	41.00	74.00	-33.00	peak
2	2348.4495	47.12	-1.73	45.39	74.00	-28.61	peak
3	4675.2792	38.46	5.19	43.65	74.00	-30.35	peak
4	7468.2447	37.46	9.41	46.87	74.00	-27.13	peak
5	10888.8148	37.40	12.82	50.22	74.00	-23.78	peak
6	16962.3271	34.29	20.17	54.46	74.00	-19.54	peak
		22.93	20.17	43.10	54.00	-10.90	average

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

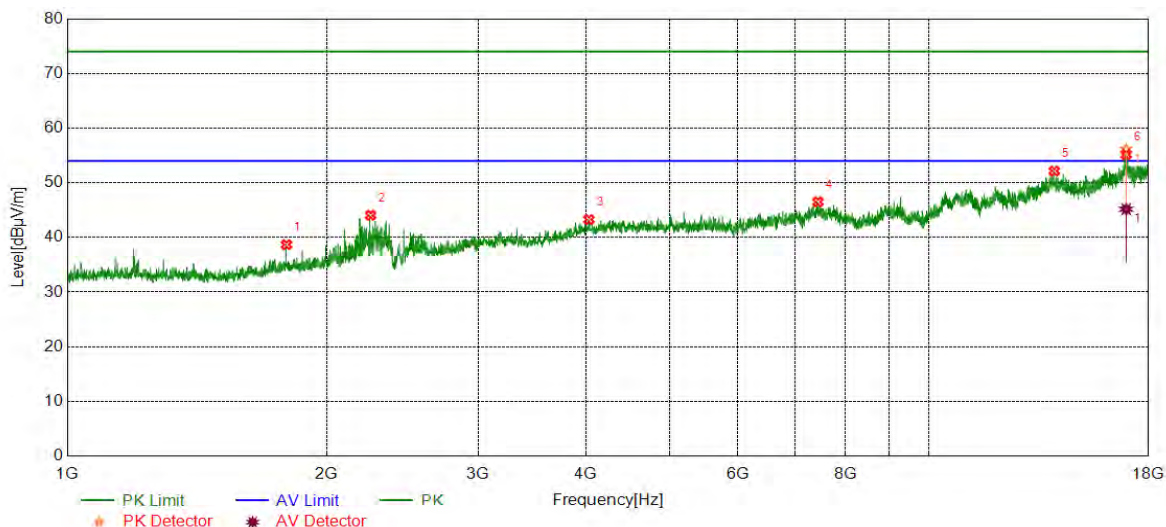
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1794.9316	43.65	-3.93	39.72	74.00	-34.28	peak
2	2309.1030	48.38	-1.70	46.68	74.00	-27.32	peak
3	6503.0838	37.67	7.90	45.57	74.00	-28.43	peak
4	10808.8015	36.06	12.88	48.94	74.00	-25.06	peak
5	13984.3307	36.04	16.38	52.42	74.00	-21.58	peak
6	17187.3646	36.78	19.55	56.33	74.00	-17.67	peak
		25.77	19.55	45.32	54.00	-8.68	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
 5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 6. 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.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



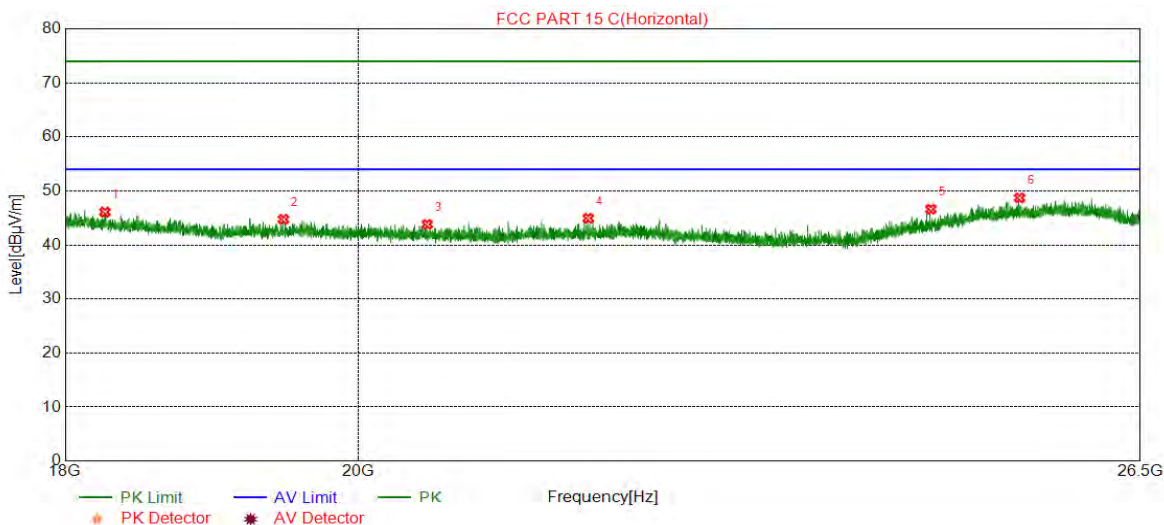
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1796.9323	42.59	-3.91	38.68	74.00	-35.32	peak
2	2250.4168	46.32	-2.26	44.06	74.00	-29.94	peak
3	4032.6721	38.86	4.41	43.27	74.00	-30.73	peak
4	7438.2397	37.18	9.34	46.52	74.00	-27.48	peak
5	13989.3316	35.95	16.19	52.14	74.00	-21.86	peak
6	16952.3254	36.2	19.93	56.13	74.00	-17.87	peak
		25.24	19.93	45.17	54.00	-8.83	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 below 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for BPF losses.
5. For above 3GHz part, Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. 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.

9.3. SPURIOUS EMISSIONS (18~26GHz)

9.3.1. 802.11n HT20 MODE

SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

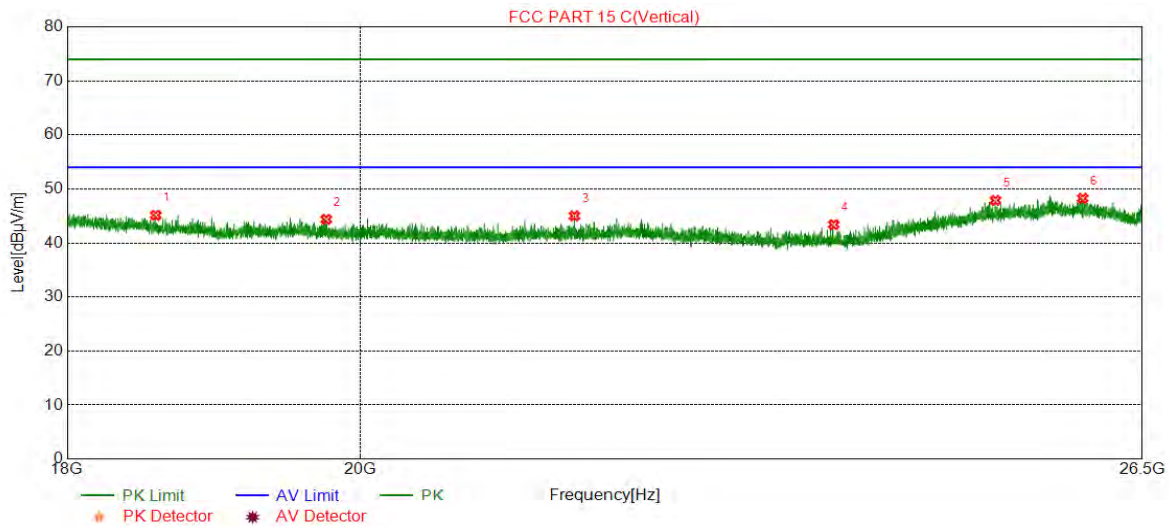


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18258.4258	44.95	1.12	46.07	74.00	-27.93	peak
2	19470.6471	43.65	1.08	44.73	74.00	-29.27	peak
3	20504.3504	42.29	1.51	43.80	74.00	-30.20	peak
4	21727.6228	43.20	1.73	44.93	74.00	-29.07	peak
5	24577.9578	43.25	3.37	46.62	74.00	-27.38	peak
6	25375.3375	43.42	5.29	48.71	74.00	-25.29	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. Peak: Peak detector.
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18583.1583	44.19	0.93	45.12	74.00	-28.88	peak
2	19758.8259	42.97	1.39	44.36	74.00	-29.64	peak
3	21604.3604	43.36	1.64	45.00	74.00	-29.00	peak
4	23717.6718	42.12	1.27	43.39	74.00	-30.61	peak
5	25138.1638	42.94	4.93	47.87	74.00	-26.13	peak
6	25939.7940	41.96	6.29	48.25	74.00	-25.75	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. Peak: Peak detector.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

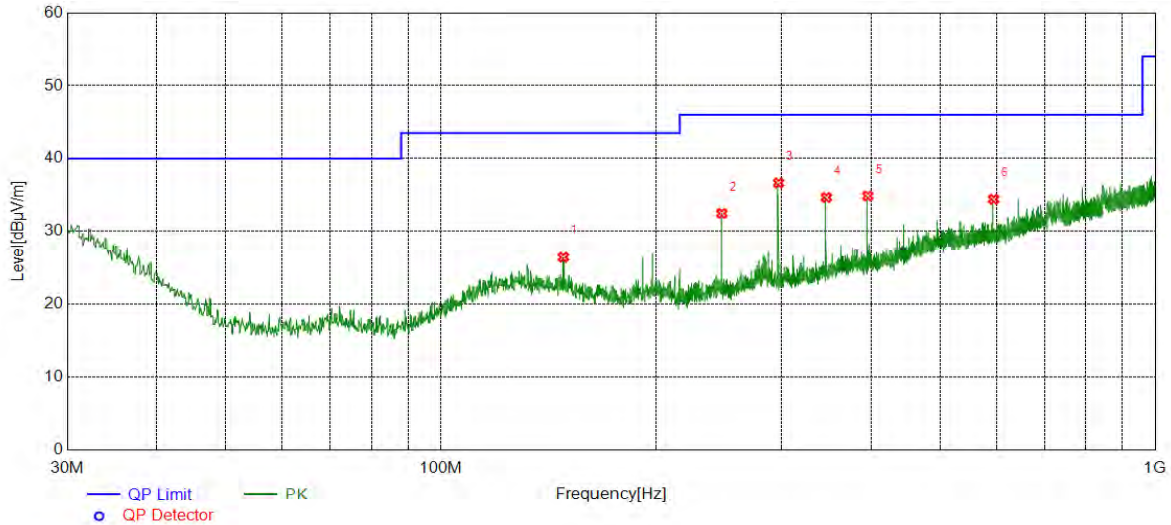
Note: All constructions and test modes have been tested, only the worst data record in the report



9.4. SPURIOUS EMISSIONS (0.03 ~ 1 GHz)

9.4.1. 802.11n HT20 MODE

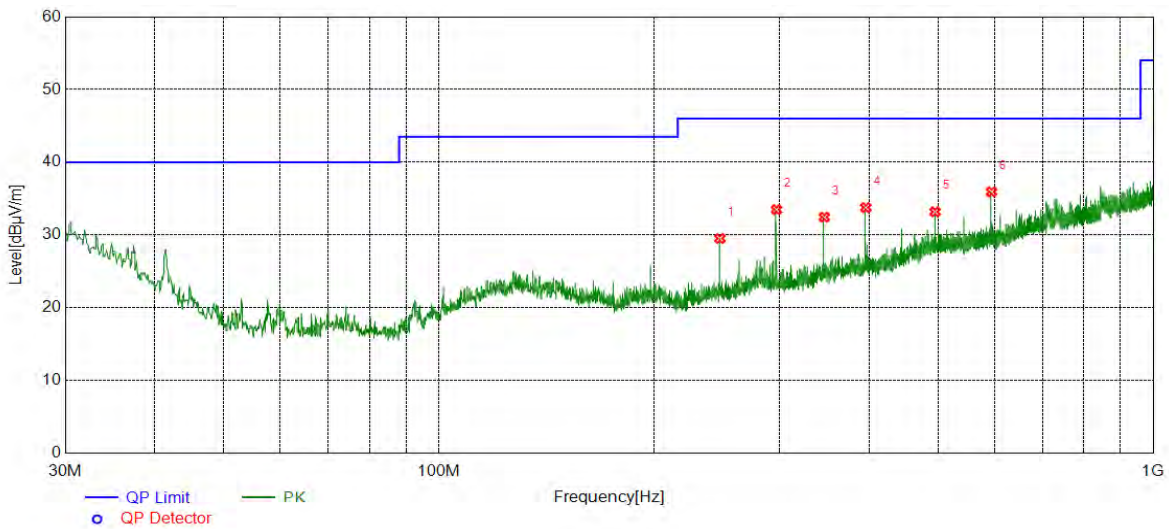
SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	148.4488	7.05	19.43	26.48	43.50	-17.02	QP
2	247.4958	13.59	18.88	32.47	46.00	-13.53	QP
3	296.9707	16.22	20.43	36.65	46.00	-9.35	QP
4	346.5427	13.09	21.57	34.66	46.00	-11.34	QP
5	396.0176	12.08	22.79	34.87	46.00	-11.13	QP
6	594.0144	7.93	26.48	34.41	46.00	-11.59	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	247.4958	10.64	18.88	29.52	46.00	-16.48	QP
2	296.9707	13.05	20.43	33.48	46.00	-12.52	QP
3	346.4456	10.88	21.57	32.45	46.00	-13.55	QP
4	396.0176	10.97	22.79	33.76	46.00	-12.24	QP
5	495.0645	7.60	25.59	33.19	46.00	-12.81	QP
6	594.0144	9.46	26.48	35.94	46.00	-10.06	QP

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Note: All constructions and test modes have been tested, only the worst data record in the report.

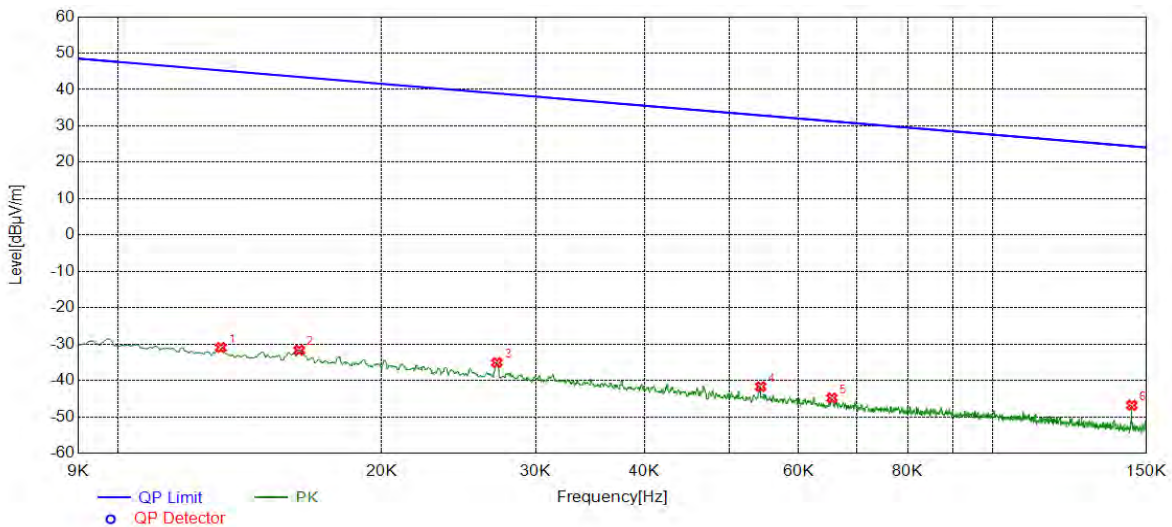


9.5. SPURIOUS EMISSIONS BELOW 30M

9.5.1. 802.11n HT20 MODE

SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, Face-on)

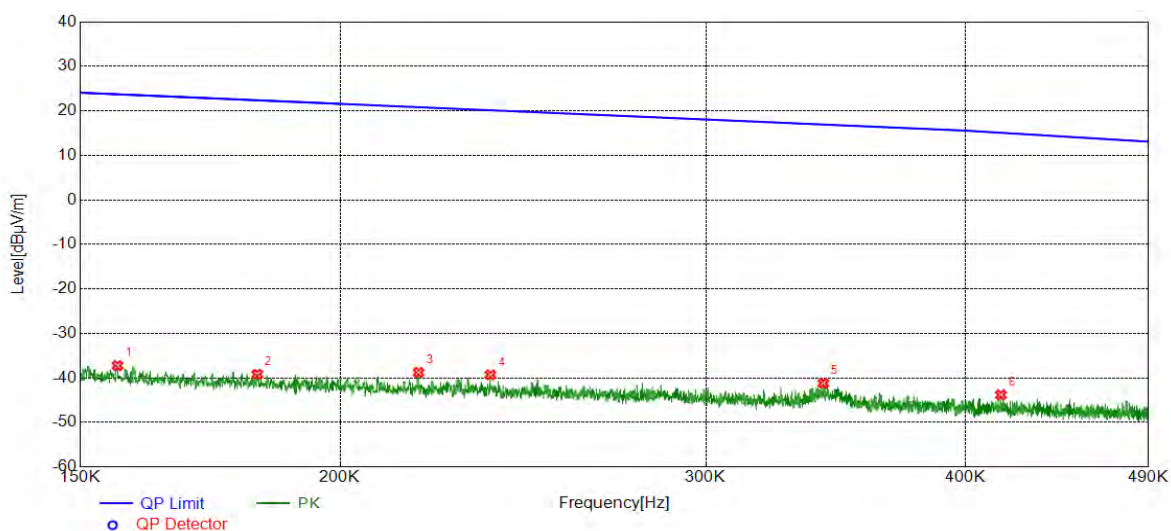
0.09~ 150kHz



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0131	30.21	-61.17	-30.96	45.23	-76.19	peak
2	0.0161	29.41	-61.08	-31.67	43.46	-75.13	peak
3	0.0271	25.93	-61.01	-35.08	38.94	-74.02	peak
4	0.0543	19.53	-61.23	-41.70	32.91	-74.61	peak
5	0.0655	16.59	-61.40	-44.81	31.28	-76.09	peak
6	0.1443	14.55	-61.38	-46.83	24.42	-71.25	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. 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

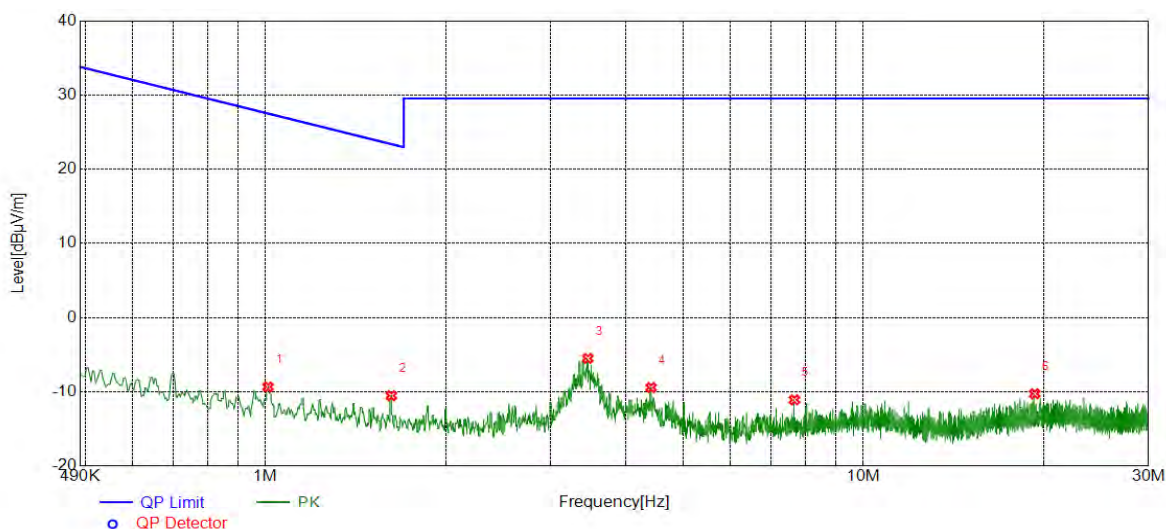
150kHz ~ 490kHz



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1563	24.18	-61.42	-37.24	23.73	-60.97	peak
2	0.1825	22.12	-61.29	-39.17	22.38	-61.55	peak
3	0.2182	22.32	-61.10	-38.78	20.82	-59.60	peak
4	0.2363	21.70	-61.01	-39.31	20.13	-59.44	peak
5	0.3417	19.68	-60.86	-41.18	16.93	-58.11	peak
6	0.4160	16.99	-60.80	-43.81	15.08	-58.89	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 3. 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

490kHz ~ 30MHz



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1.0094	11.14	-20.49	-9.35	27.52	-36.87	peak
2	1.6233	9.86	-20.39	-10.53	23.39	-33.92	peak
3	3.4590	14.88	-20.39	-5.51	29.54	-35.05	peak
4	4.4152	10.82	-20.25	-9.43	29.54	-38.97	peak
5	7.6676	8.54	-19.63	-11.09	29.54	-40.63	peak
6	19.3458	7.42	-17.69	-10.27	29.54	-39.81	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 3. 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

Note: All constructions and test modes and channels have been tested, only the worst data record in the report.



10. 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.

RESULTS

Complies

END OF REPORT