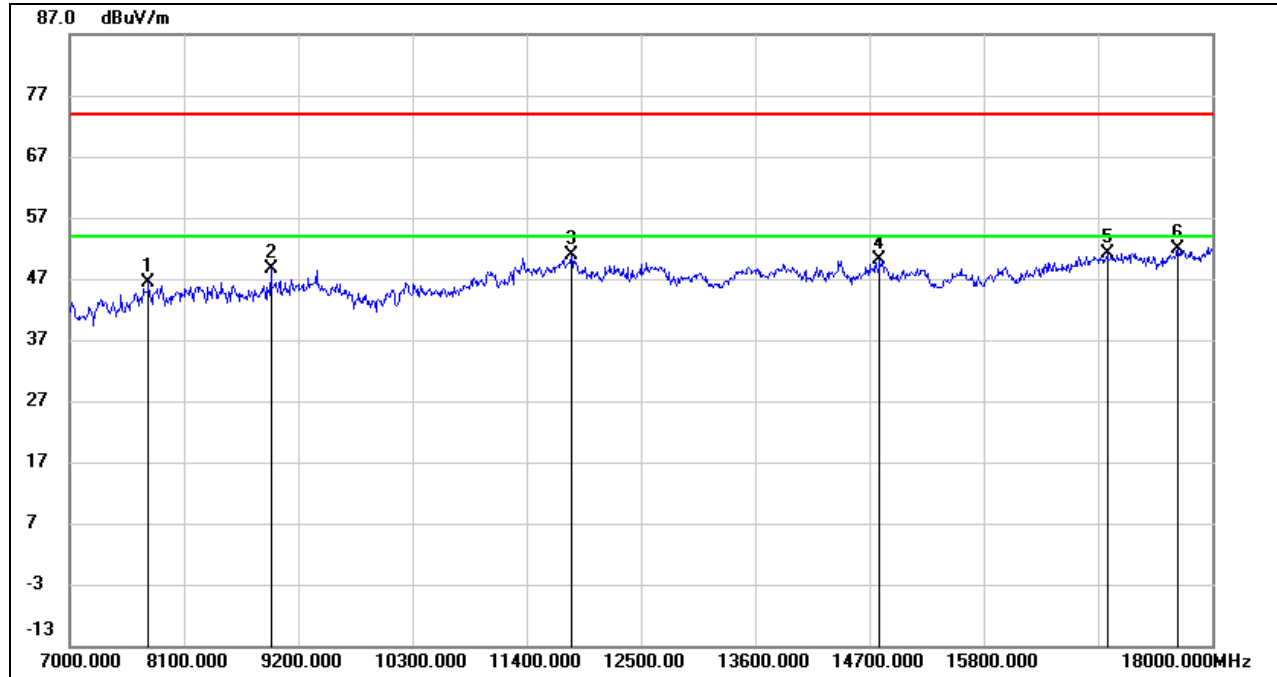


HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	38.22	8.09	46.31	74.00	-27.69	peak
2	8936.000	38.60	9.96	48.56	74.00	-25.44	peak
3	11829.000	35.19	15.57	50.76	74.00	-23.24	peak
4	14799.000	33.41	16.80	50.21	74.00	-23.79	peak
5	16988.000	30.99	20.20	51.19	74.00	-22.81	peak
6	17670.000	30.24	21.70	51.94	74.00	-22.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.

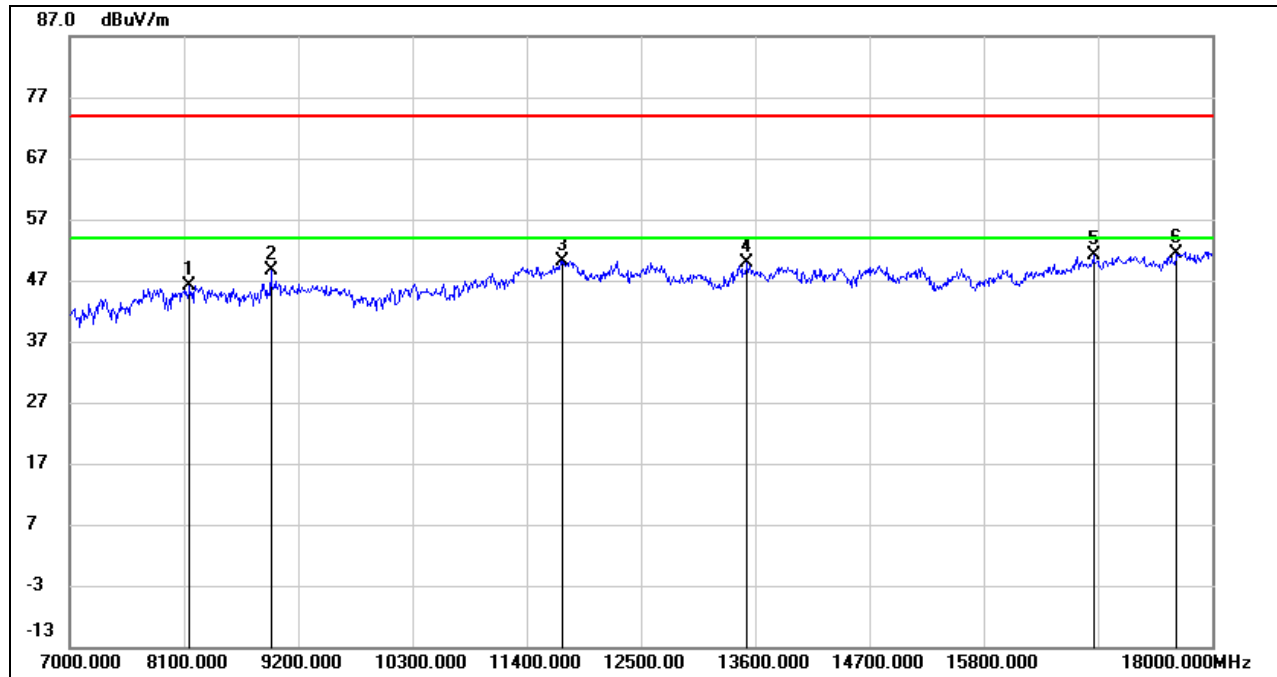
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8155.000	37.16	8.98	46.14	74.00	-27.86	peak
2	8936.000	38.61	9.96	48.57	74.00	-25.43	peak
3	11741.000	34.81	15.28	50.09	74.00	-23.91	peak
4	13523.000	33.48	16.42	49.90	74.00	-24.10	peak
5	16856.000	31.33	19.87	51.20	74.00	-22.80	peak
6	17659.000	29.83	21.63	51.46	74.00	-22.54	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.

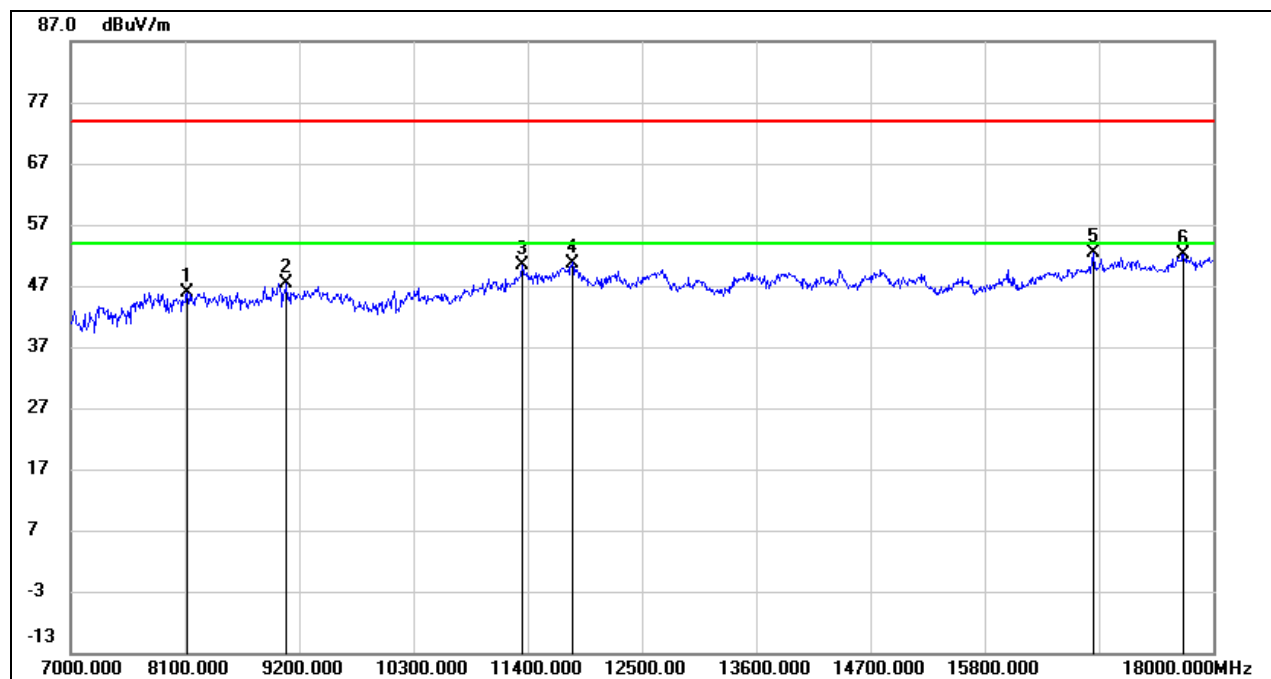
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.18	8.70	45.88	74.00	-28.12	peak
2	9079.000	37.33	10.10	47.43	74.00	-26.57	peak
3	11345.000	36.25	14.06	50.31	74.00	-23.69	peak
4	11829.000	35.18	15.57	50.75	74.00	-23.25	peak
5	16845.000	32.42	19.85	52.27	74.00	-21.73	peak
6	17714.000	30.10	22.04	52.14	74.00	-21.86	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.

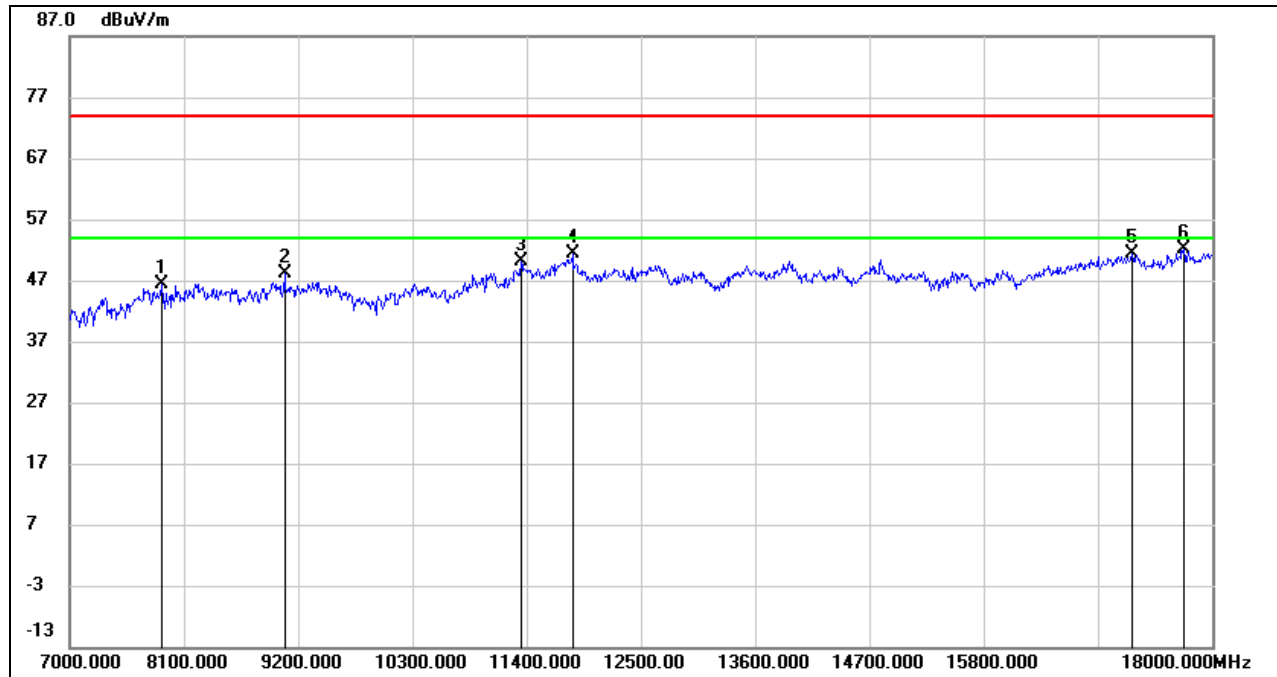
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.47	8.01	46.48	74.00	-27.52	peak
2	9068.000	37.98	10.17	48.15	74.00	-25.85	peak
3	11345.000	36.04	14.06	50.10	74.00	-23.90	peak
4	11840.000	35.89	15.56	51.45	74.00	-22.55	peak
5	17230.000	30.33	20.99	51.32	74.00	-22.68	peak
6	17725.000	29.90	22.13	52.03	74.00	-21.97	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. Peak: Peak detector.

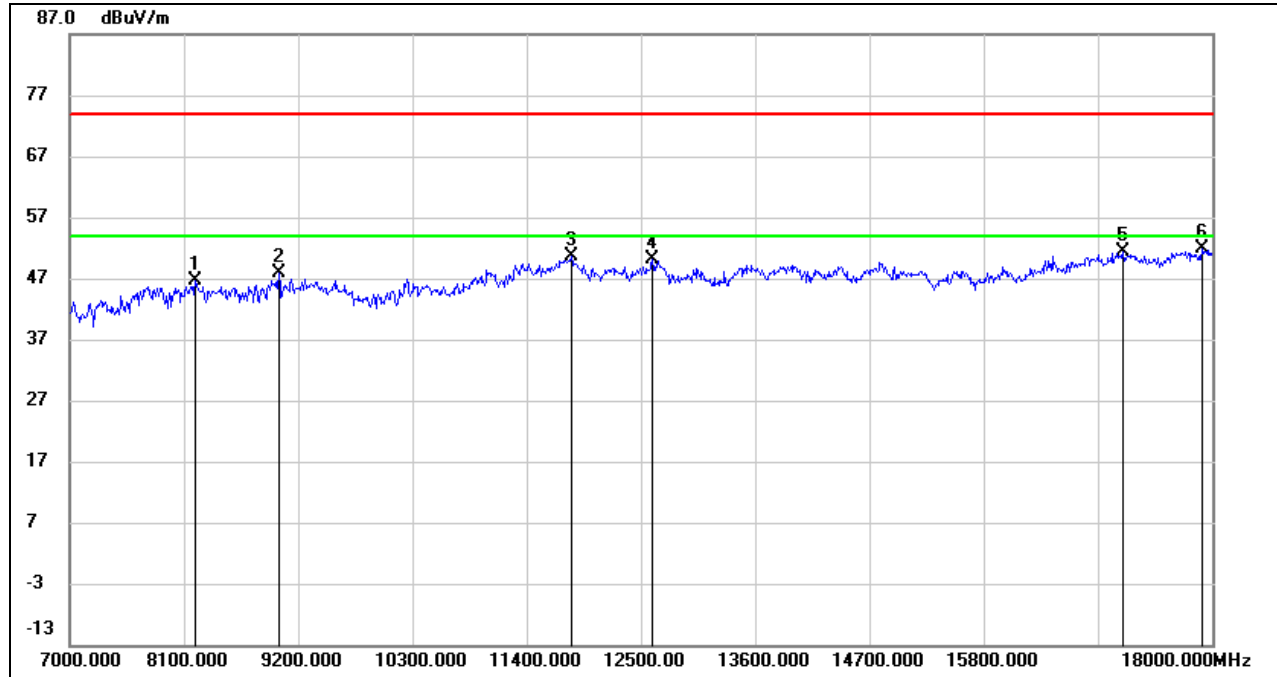
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

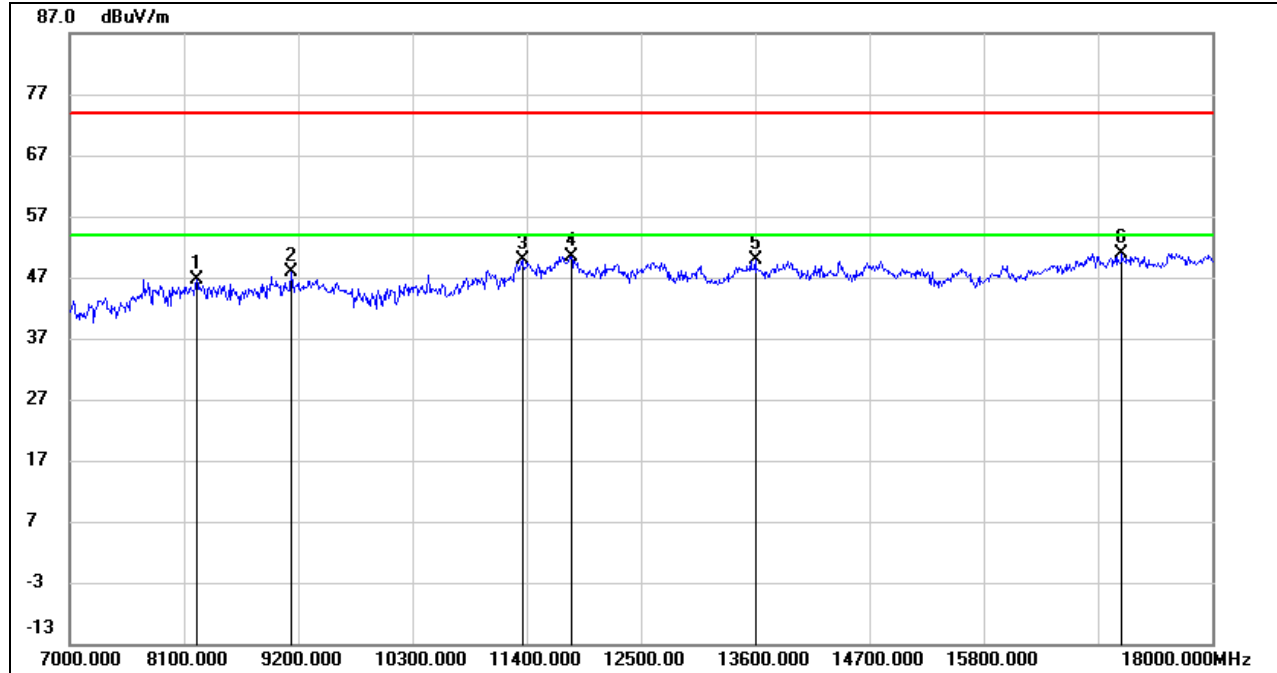
STRADDLE CHANNEL 142

HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.32	9.32	46.64	74.00	-27.36	peak
2	9013.000	37.41	10.54	47.95	74.00	-26.05	peak
3	11829.000	35.10	15.57	50.67	74.00	-23.33	peak
4	12610.000	34.81	15.30	50.11	74.00	-23.89	peak
5	17142.000	30.55	20.80	51.35	74.00	-22.65	peak
6	17901.000	29.20	22.69	51.89	74.00	-22.11	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.33	9.28	46.61	74.00	-27.39	peak
2	9134.000	38.26	9.73	47.99	74.00	-26.01	peak
3	11356.000	35.70	14.09	49.79	74.00	-24.21	peak
4	11829.000	34.84	15.57	50.41	74.00	-23.59	peak
5	13600.000	33.48	16.43	49.91	74.00	-24.09	peak
6	17131.000	30.21	20.76	50.97	74.00	-23.03	peak

Note: 1. Measurement = Reading Level + Correct Factor.

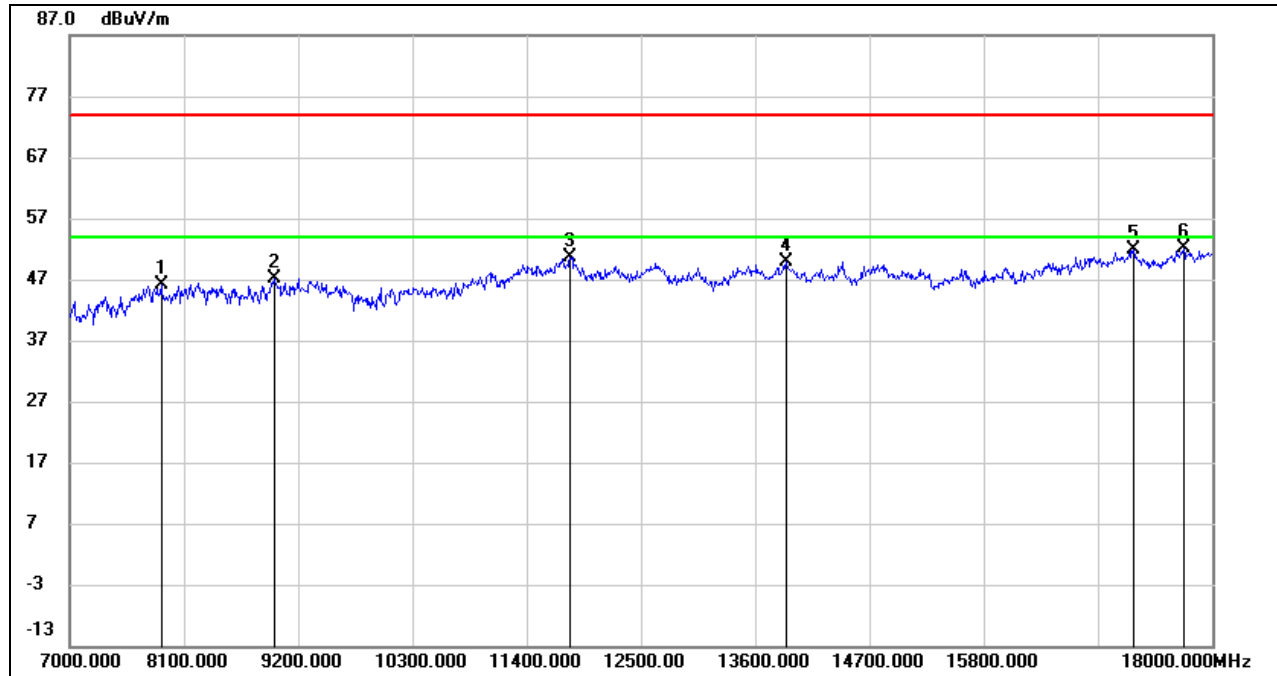
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**UNII-3 BAND****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.15	8.01	46.16	74.00	-27.84	peak
2	8969.000	36.78	10.31	47.09	74.00	-26.91	peak
3	11818.000	35.02	15.58	50.60	74.00	-23.40	peak
4	13897.000	32.91	16.90	49.81	74.00	-24.19	peak
5	17241.000	30.84	20.97	51.81	74.00	-22.19	peak
6	17725.000	29.97	22.13	52.10	74.00	-21.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.

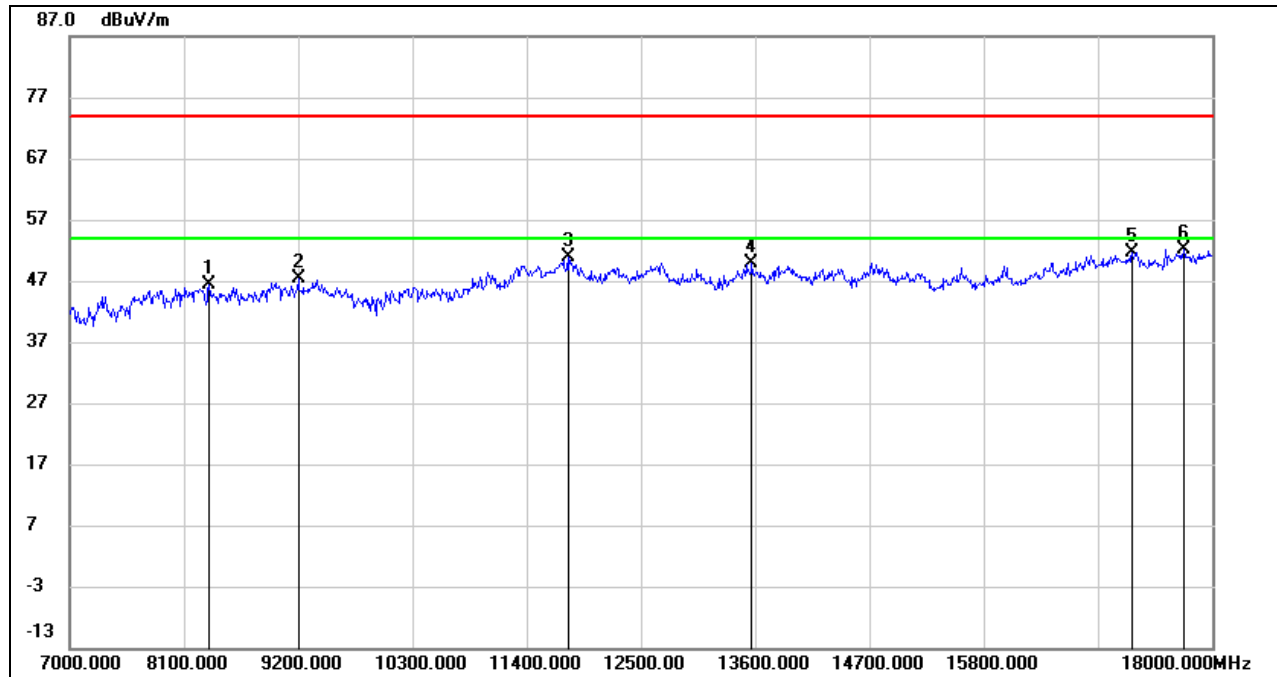
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8342.000	37.64	8.81	46.45	74.00	-27.55	peak
2	9200.000	38.21	9.29	47.50	74.00	-26.50	peak
3	11796.000	35.17	15.59	50.76	74.00	-23.24	peak
4	13567.000	33.37	16.42	49.79	74.00	-24.21	peak
5	17230.000	30.66	20.99	51.65	74.00	-22.35	peak
6	17725.000	30.11	22.13	52.24	74.00	-21.76	peak

Note: 1. Measurement = Reading Level + Correct Factor.

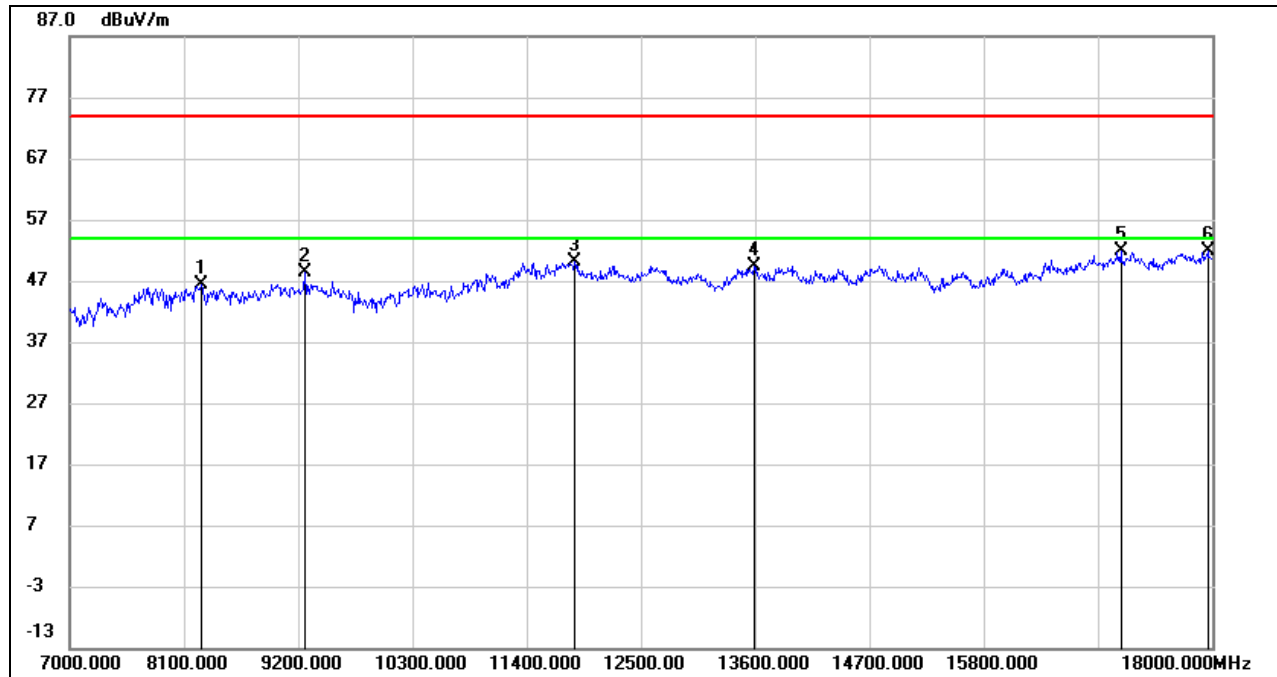
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	37.25	9.11	46.36	74.00	-27.64	peak
2	9266.000	38.73	9.62	48.35	74.00	-25.65	peak
3	11862.000	34.51	15.52	50.03	74.00	-23.97	peak
4	13589.000	32.99	16.42	49.41	74.00	-24.59	peak
5	17120.000	31.21	20.72	51.93	74.00	-22.07	peak
6	17956.000	29.31	22.68	51.99	74.00	-22.01	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.

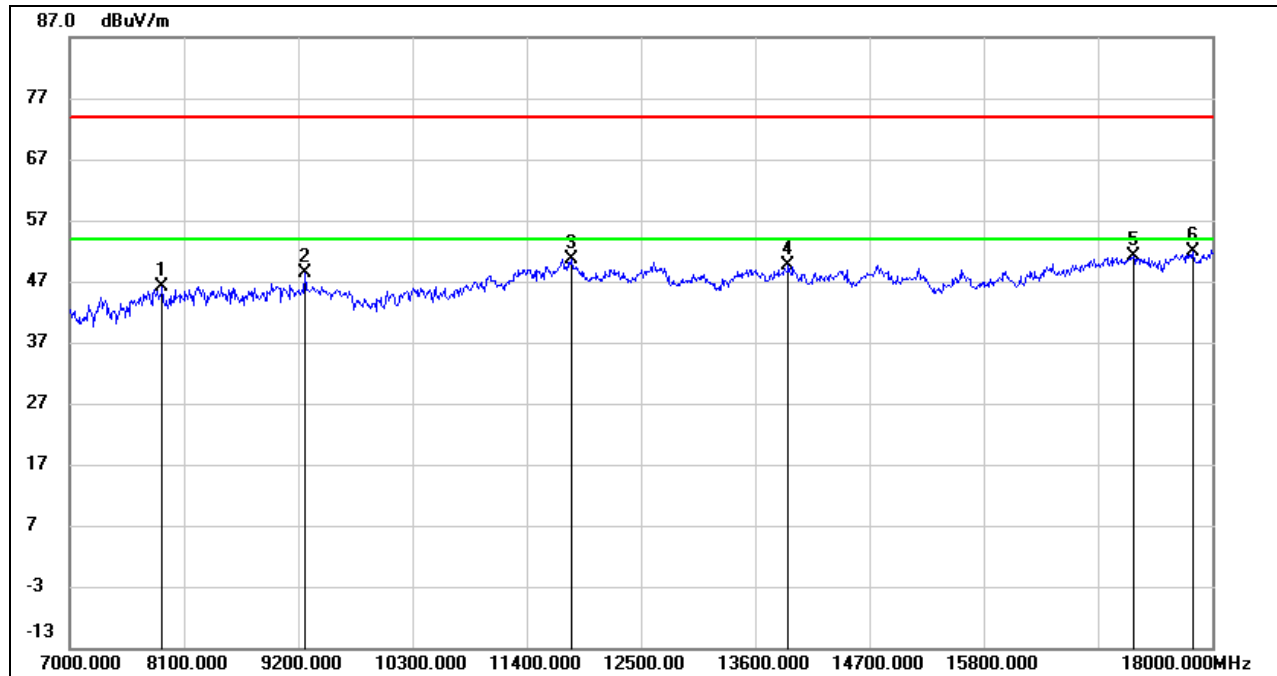
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



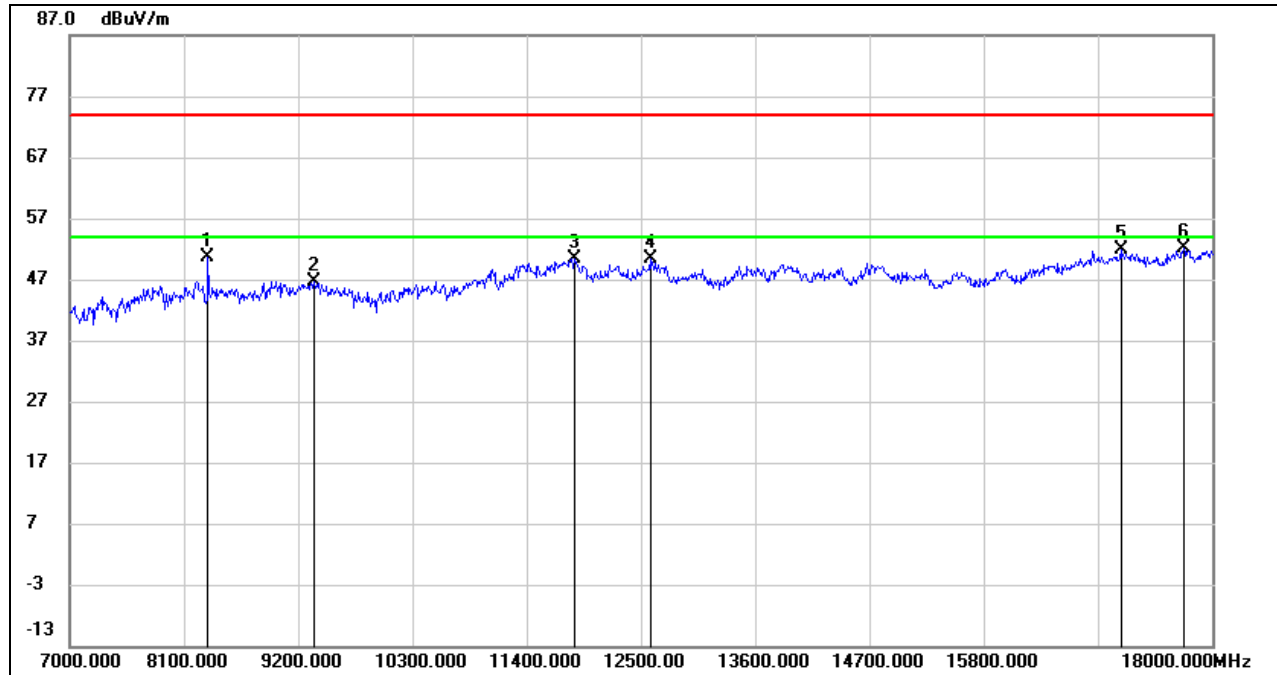
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	38.15	7.98	46.13	74.00	-27.87	peak
2	9266.000	38.68	9.62	48.30	74.00	-25.70	peak
3	11829.000	35.15	15.57	50.72	74.00	-23.28	peak
4	13919.000	32.73	16.89	49.62	74.00	-24.38	peak
5	17241.000	30.08	20.97	51.05	74.00	-22.95	peak
6	17813.000	29.08	22.72	51.80	74.00	-22.20	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. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.4. 802.11ac VHT80 MIMO MODE

UNII-1 BAND

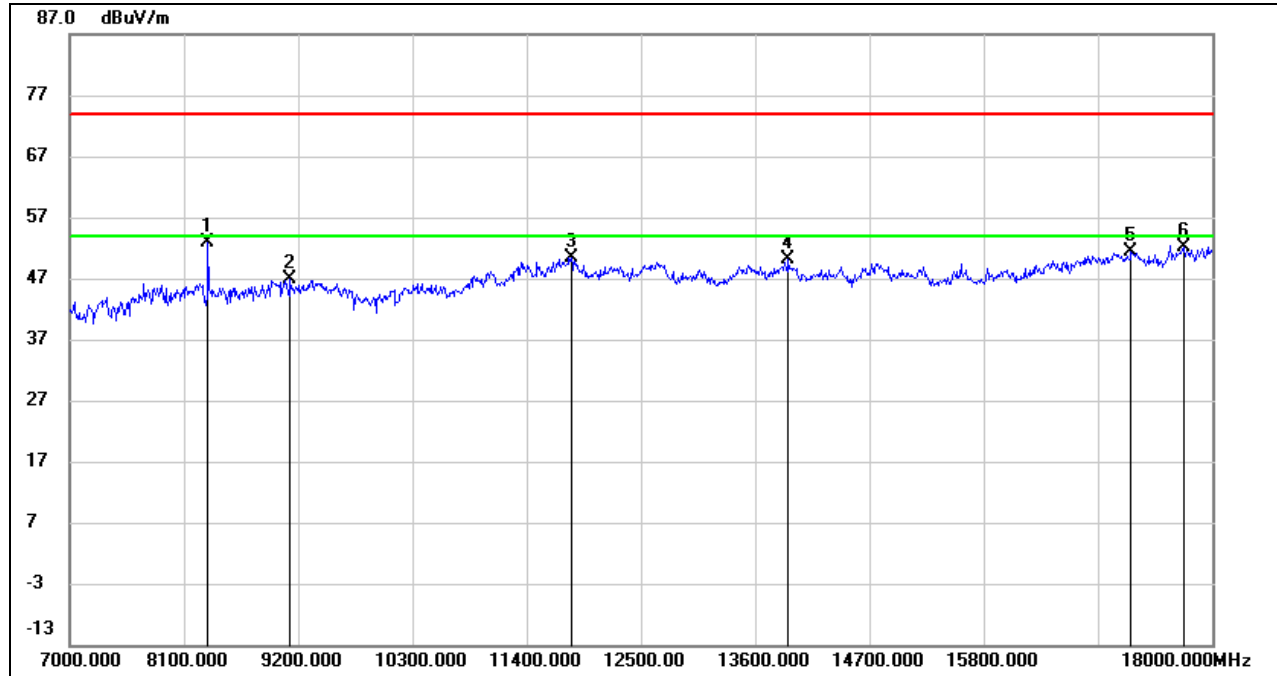
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	41.80	8.85	50.65	74.00	-23.35	peak
2	9354.000	36.49	10.07	46.56	74.00	-27.44	peak
3	11862.000	34.92	15.52	50.44	74.00	-23.56	peak
4	12588.000	35.08	15.29	50.37	74.00	-23.63	peak
5	17120.000	31.12	20.72	51.84	74.00	-22.16	peak
6	17725.000	29.88	22.13	52.01	74.00	-21.99	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

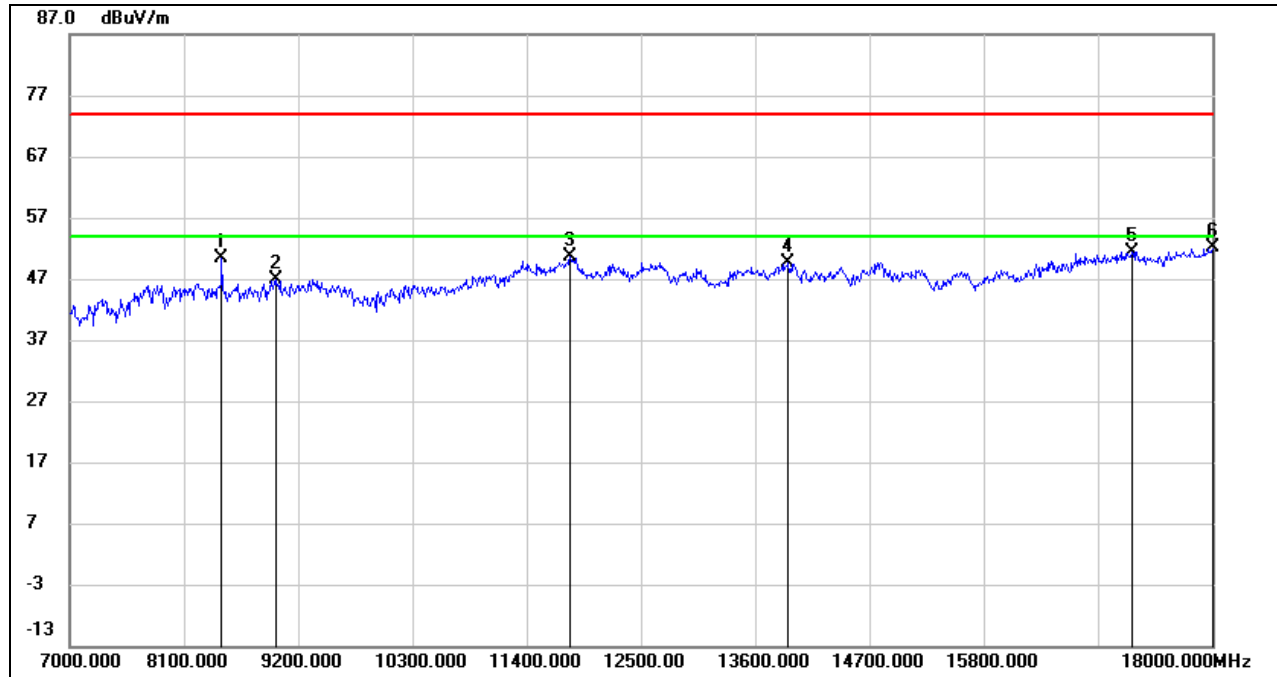


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	44.07	8.85	52.92	74.00	-21.08	peak
2	9123.000	37.16	9.81	46.97	74.00	-27.03	peak
3	11829.000	34.89	15.57	50.46	74.00	-23.54	peak
4	13919.000	33.12	16.89	50.01	74.00	-23.99	peak
5	17219.000	30.47	21.01	51.48	74.00	-22.52	peak
6	17725.000	30.00	22.13	52.13	74.00	-21.87	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-2A BAND

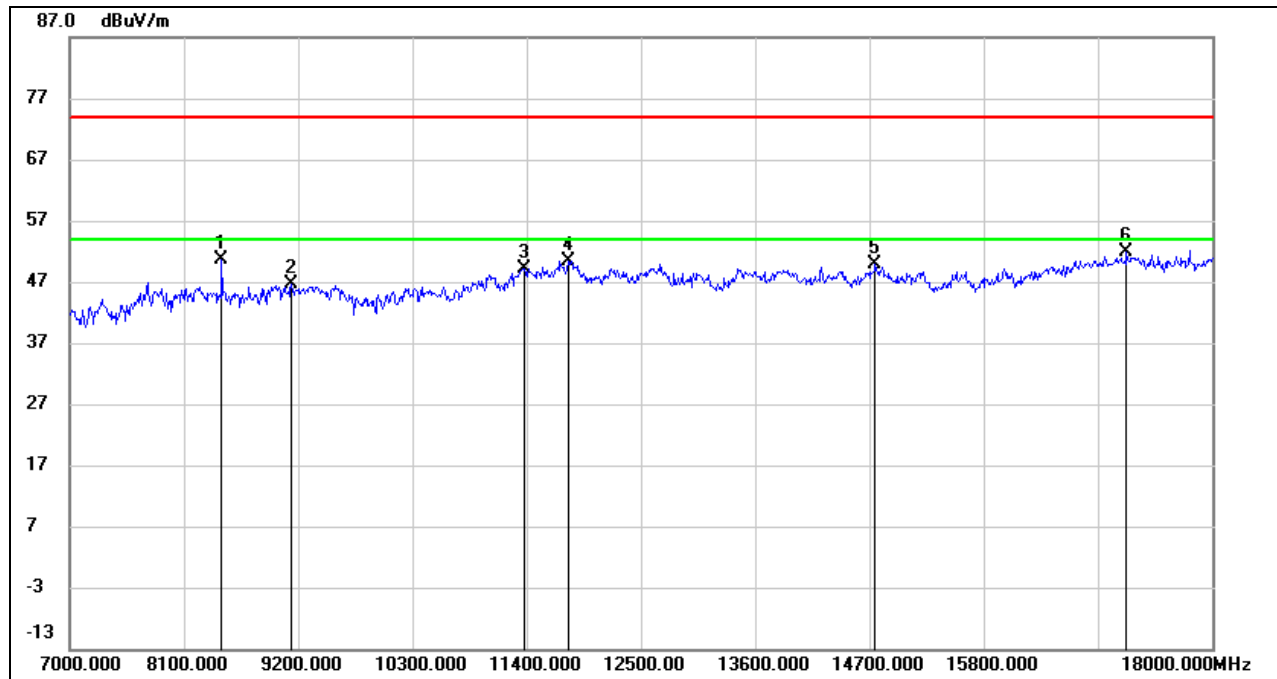
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8463.000	41.74	8.55	50.29	74.00	-23.71	peak
2	8980.000	36.46	10.41	46.87	74.00	-27.13	peak
3	11818.000	35.04	15.58	50.62	74.00	-23.38	peak
4	13919.000	32.69	16.89	49.58	74.00	-24.42	peak
5	17230.000	30.42	20.99	51.41	74.00	-22.59	peak
6	18000.000	29.51	22.67	52.18	74.00	-21.82	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8463.000	42.15	8.55	50.70	74.00	-23.30	peak
2	9134.000	36.99	9.73	46.72	74.00	-27.28	peak
3	11378.000	35.04	14.15	49.19	74.00	-24.81	peak
4	11796.000	34.82	15.59	50.41	74.00	-23.59	peak
5	14755.000	33.09	16.72	49.81	74.00	-24.19	peak
6	17175.000	30.88	20.94	51.82	74.00	-22.18	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.

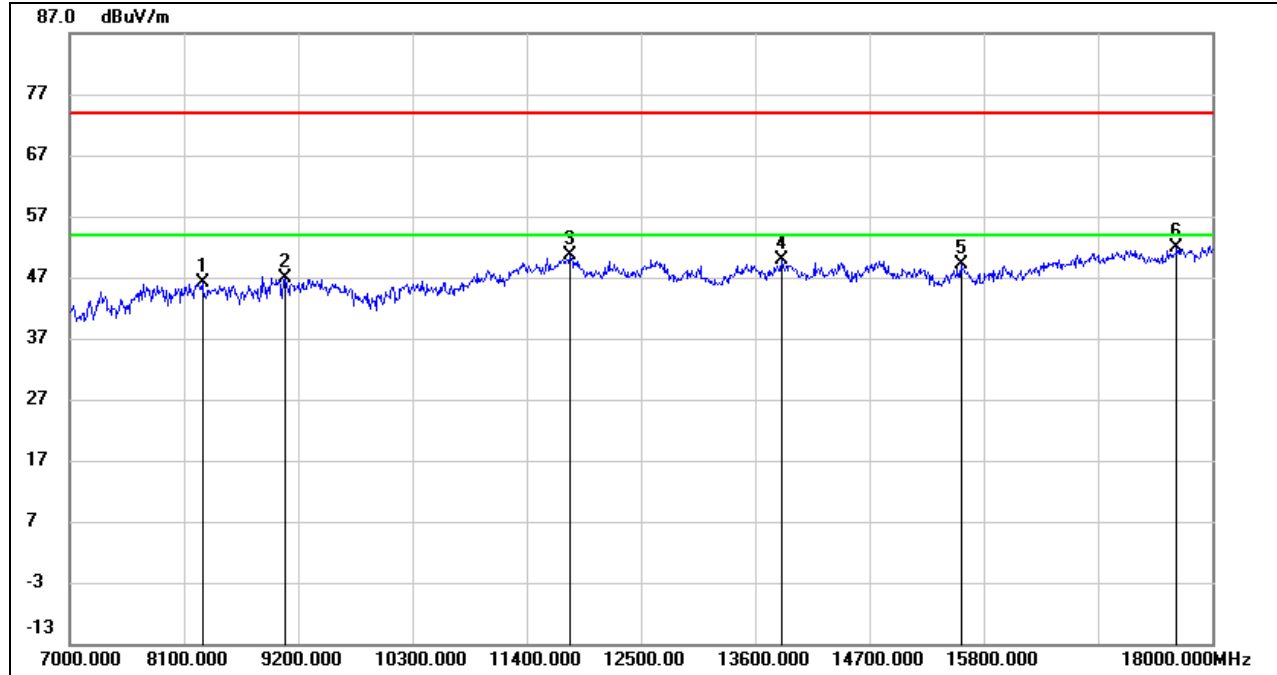
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-2C BAND

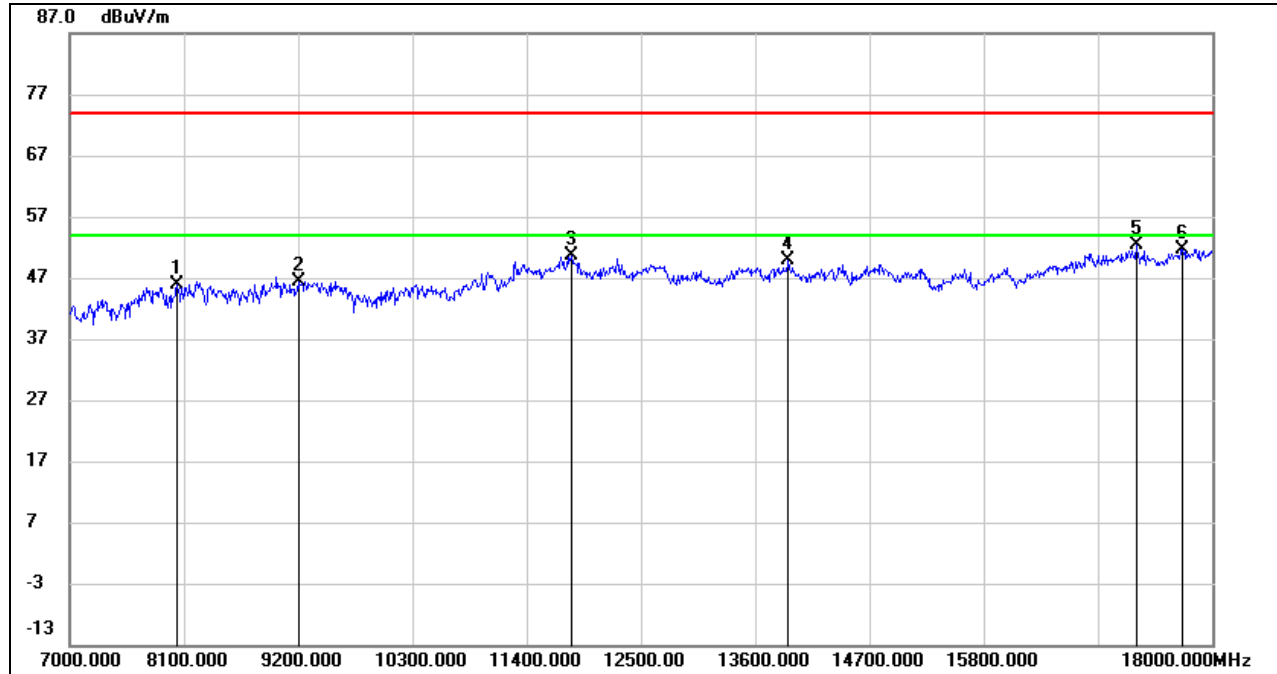
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8276.000	37.04	9.06	46.10	74.00	-27.90	peak
2	9079.000	36.84	10.10	46.94	74.00	-27.06	peak
3	11818.000	34.94	15.58	50.52	74.00	-23.48	peak
4	13853.000	32.97	16.93	49.90	74.00	-24.10	peak
5	15580.000	32.42	16.65	49.07	74.00	-24.93	peak
6	17659.000	30.19	21.63	51.82	74.00	-22.18	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8034.000	37.97	7.95	45.92	74.00	-28.08	peak
2	9200.000	37.09	9.29	46.38	74.00	-27.62	peak
3	11829.000	35.01	15.57	50.58	74.00	-23.42	peak
4	13919.000	32.92	16.89	49.81	74.00	-24.19	peak
5	17274.000	31.35	20.93	52.28	74.00	-21.72	peak
6	17714.000	29.67	22.04	51.71	74.00	-22.29	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.

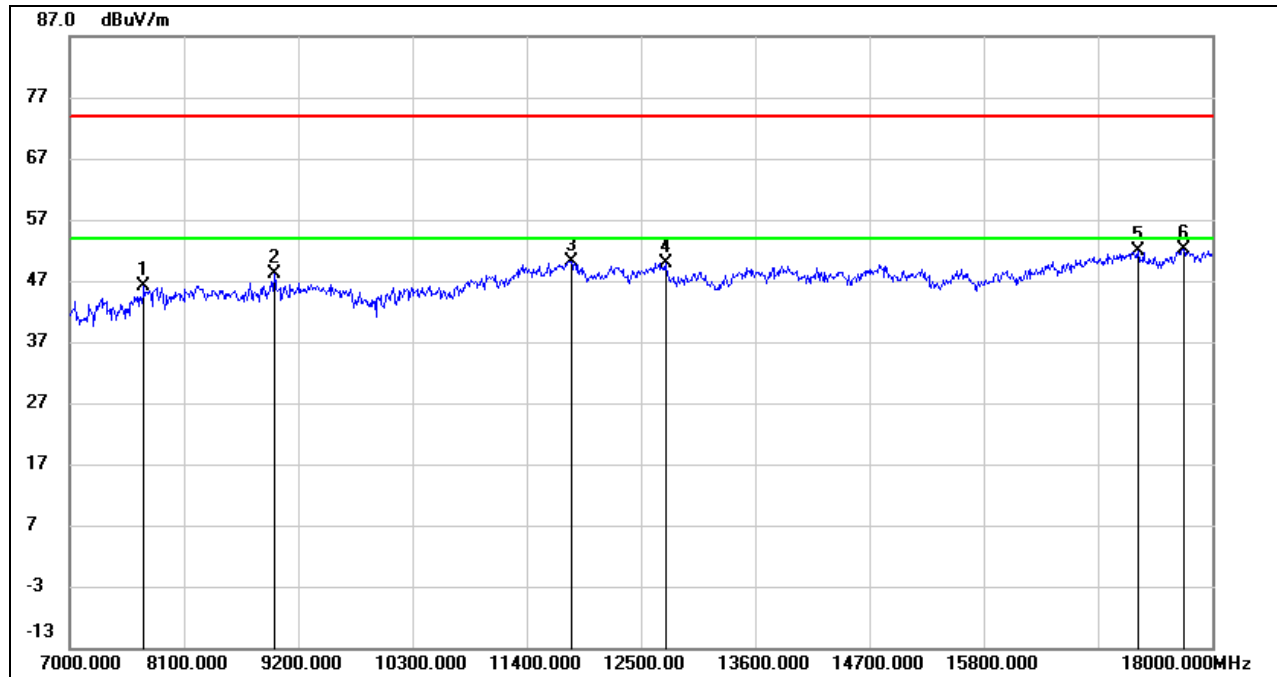
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



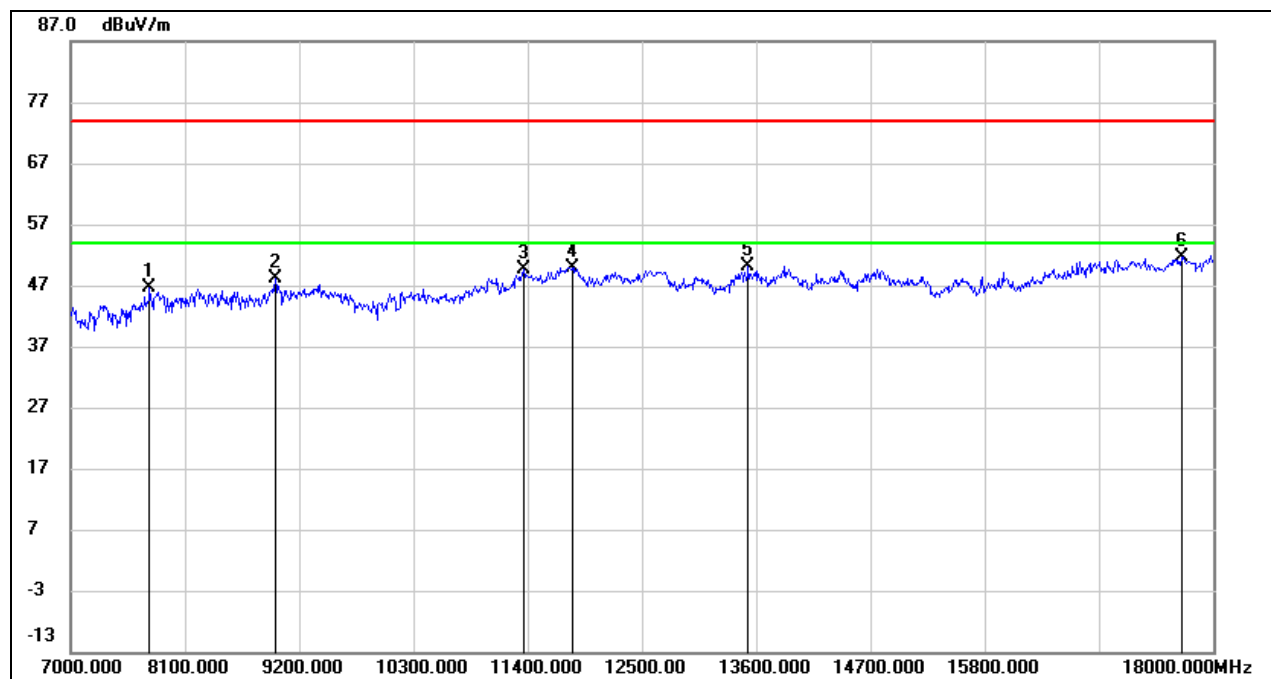
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7715.000	38.24	7.92	46.16	74.00	-27.84	peak
2	8969.000	37.94	10.31	48.25	74.00	-25.75	peak
3	11829.000	34.64	15.57	50.21	74.00	-23.79	peak
4	12742.000	34.32	15.54	49.86	74.00	-24.14	peak
5	17285.000	31.04	20.92	51.96	74.00	-22.04	peak
6	17725.000	30.12	22.13	52.25	74.00	-21.75	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

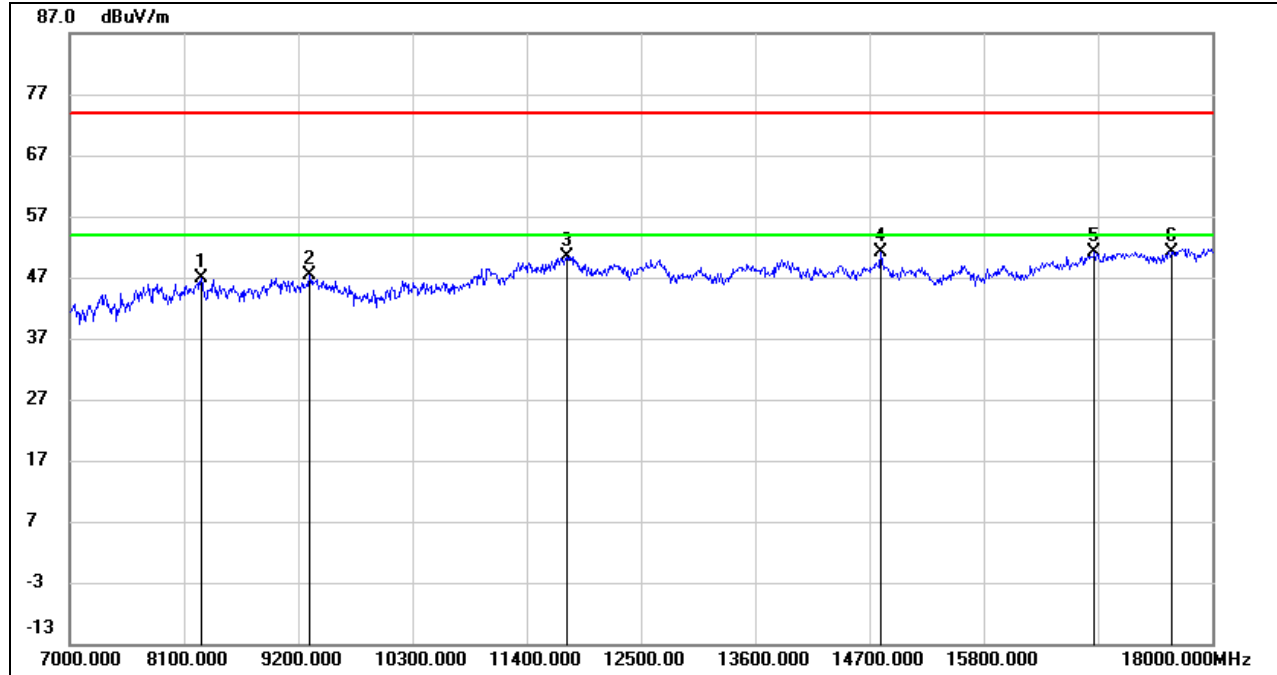


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	38.45	8.09	46.54	74.00	-27.46	peak
2	8969.000	37.78	10.31	48.09	74.00	-25.91	peak
3	11367.000	35.47	14.11	49.58	74.00	-24.42	peak
4	11829.000	34.36	15.57	49.93	74.00	-24.07	peak
5	13523.000	33.75	16.42	50.17	74.00	-23.83	peak
6	17692.000	29.77	21.87	51.64	74.00	-22.36	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

STRADDLE CHANNEL 138

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

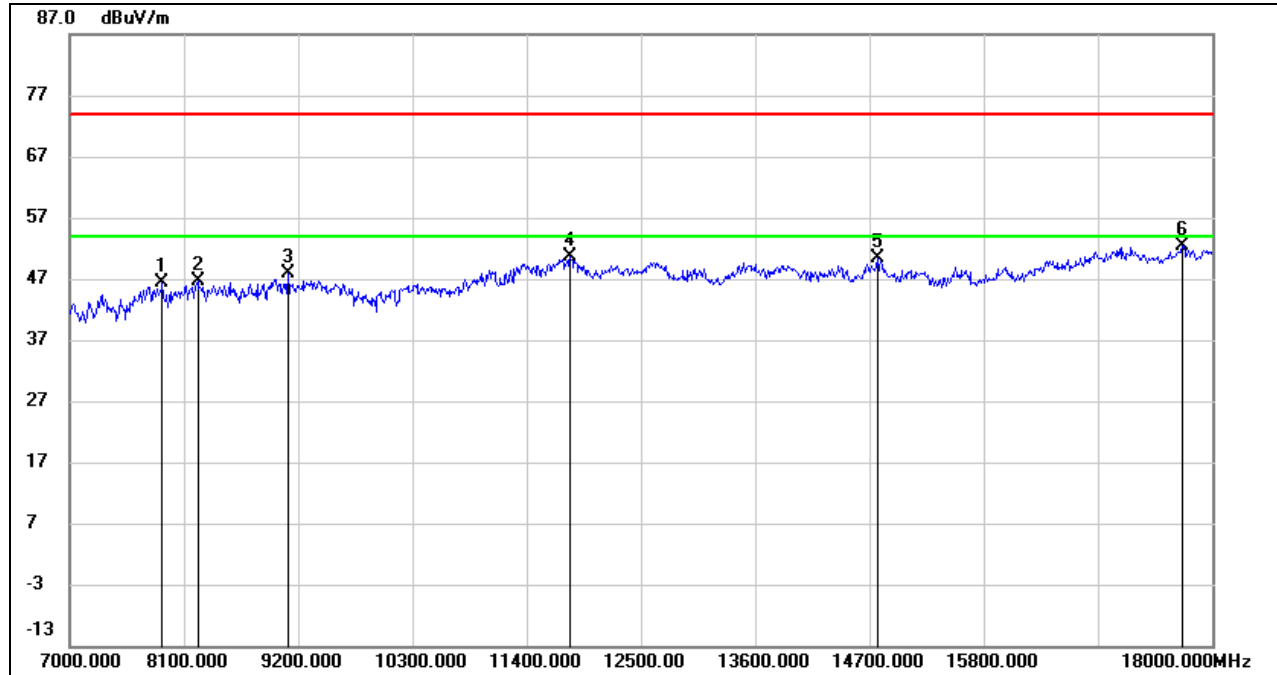


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	37.70	9.11	46.81	74.00	-27.19	peak
2	9310.000	37.55	9.86	47.41	74.00	-26.59	peak
3	11785.000	34.84	15.52	50.36	74.00	-23.64	peak
4	14810.000	34.36	16.80	51.16	74.00	-22.84	peak
5	16867.000	31.14	19.90	51.04	74.00	-22.96	peak
6	17615.000	29.95	21.29	51.24	74.00	-22.76	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. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

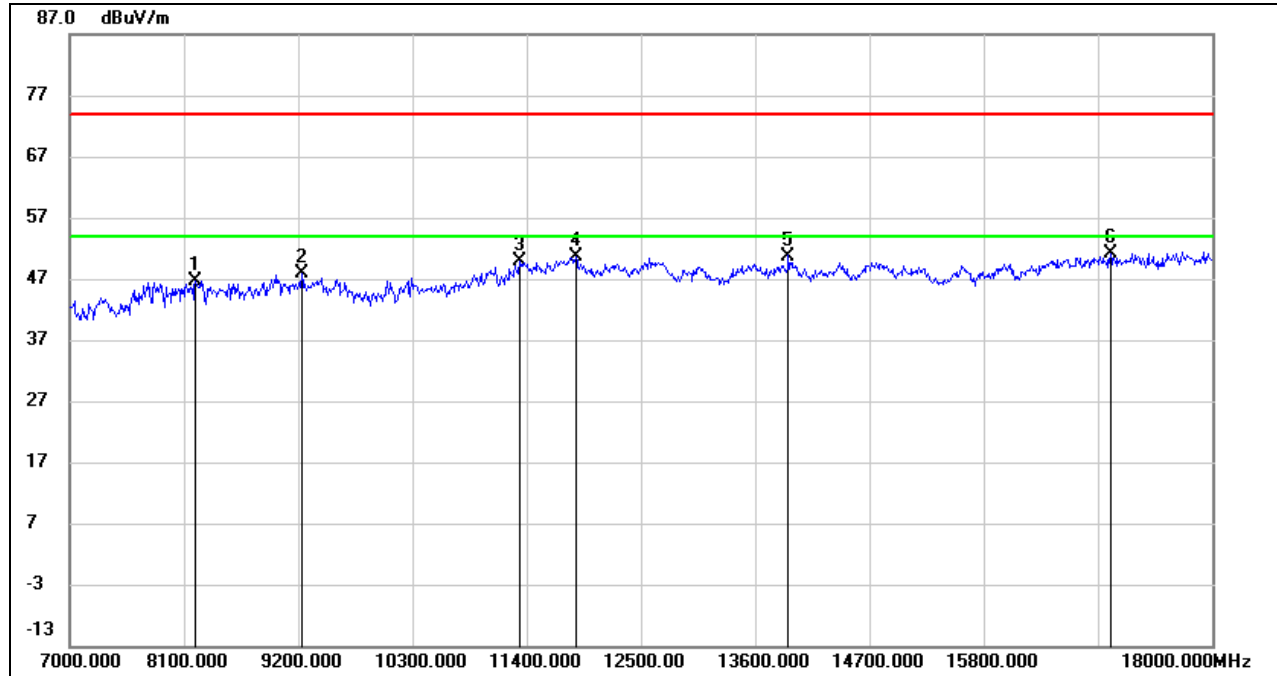


HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	38.32	7.98	46.30	74.00	-27.70	peak
2	8232.000	37.28	9.23	46.51	74.00	-27.49	peak
3	9101.000	38.01	9.95	47.96	74.00	-26.04	peak
4	11818.000	35.12	15.58	50.70	74.00	-23.30	peak
5	14777.000	33.52	16.76	50.28	74.00	-23.72	peak
6	17714.000	30.31	22.04	52.35	74.00	-21.65	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**UNII-3 BAND****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.25	9.32	46.57	74.00	-27.43	peak
2	9233.000	38.33	9.46	47.79	74.00	-26.21	peak
3	11334.000	35.81	14.02	49.83	74.00	-24.17	peak
4	11873.000	35.05	15.50	50.55	74.00	-23.45	peak
5	13919.000	33.86	16.89	50.75	74.00	-23.25	peak
6	17021.000	30.80	20.32	51.12	74.00	-22.88	peak

Note: 1. Measurement = Reading Level + Correct Factor.

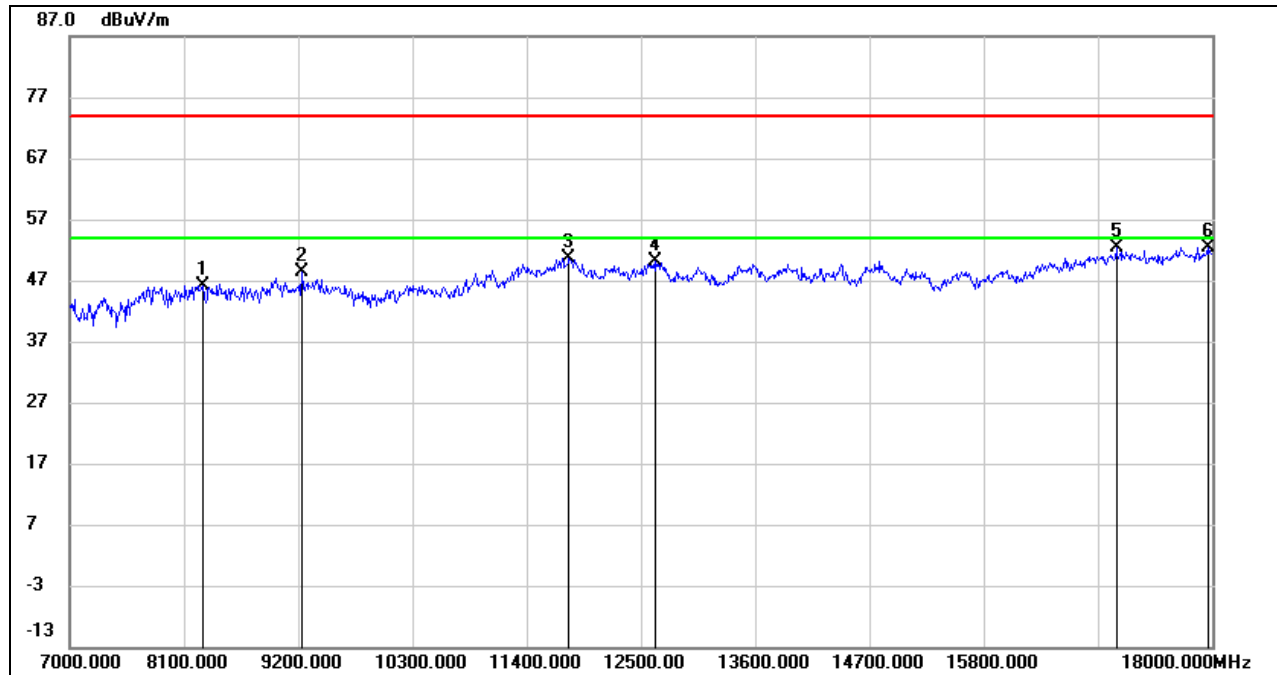
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8276.000	37.14	9.06	46.20	74.00	-27.80	peak
2	9233.000	38.95	9.46	48.41	74.00	-25.59	peak
3	11807.000	35.08	15.61	50.69	74.00	-23.31	peak
4	12643.000	34.74	15.36	50.10	74.00	-23.90	peak
5	17076.000	31.74	20.54	52.28	74.00	-21.72	peak
6	17956.000	29.76	22.68	52.44	74.00	-21.56	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

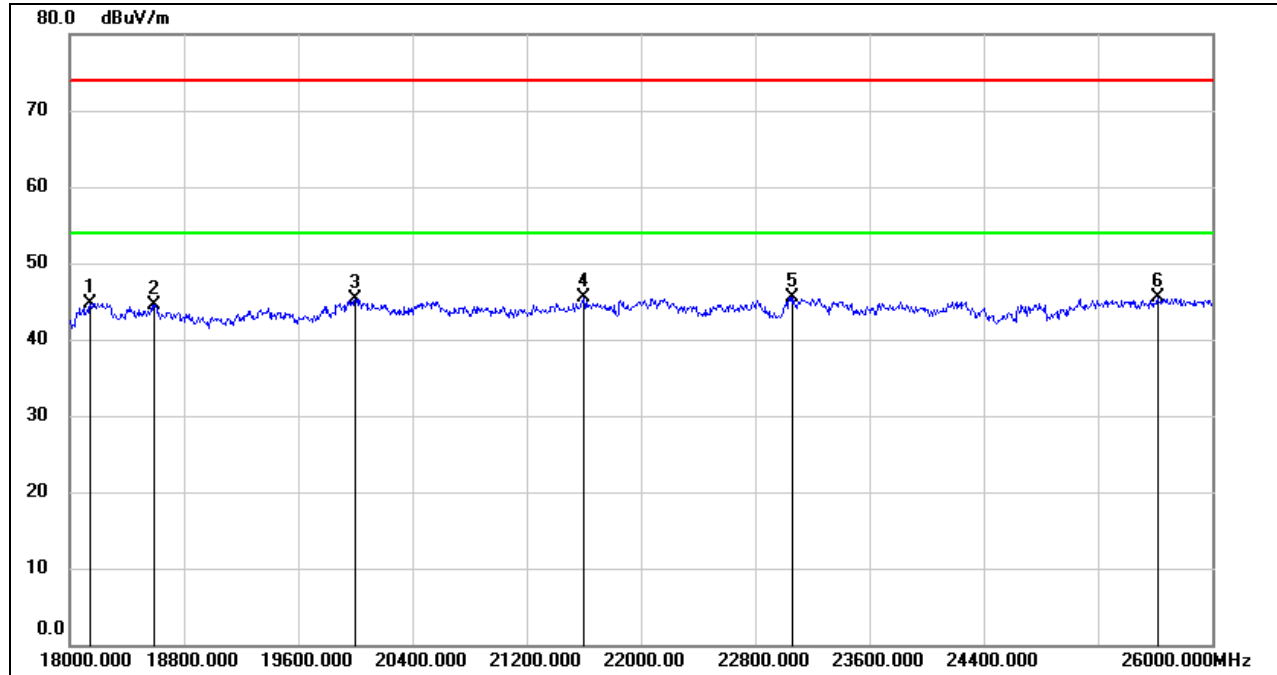
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

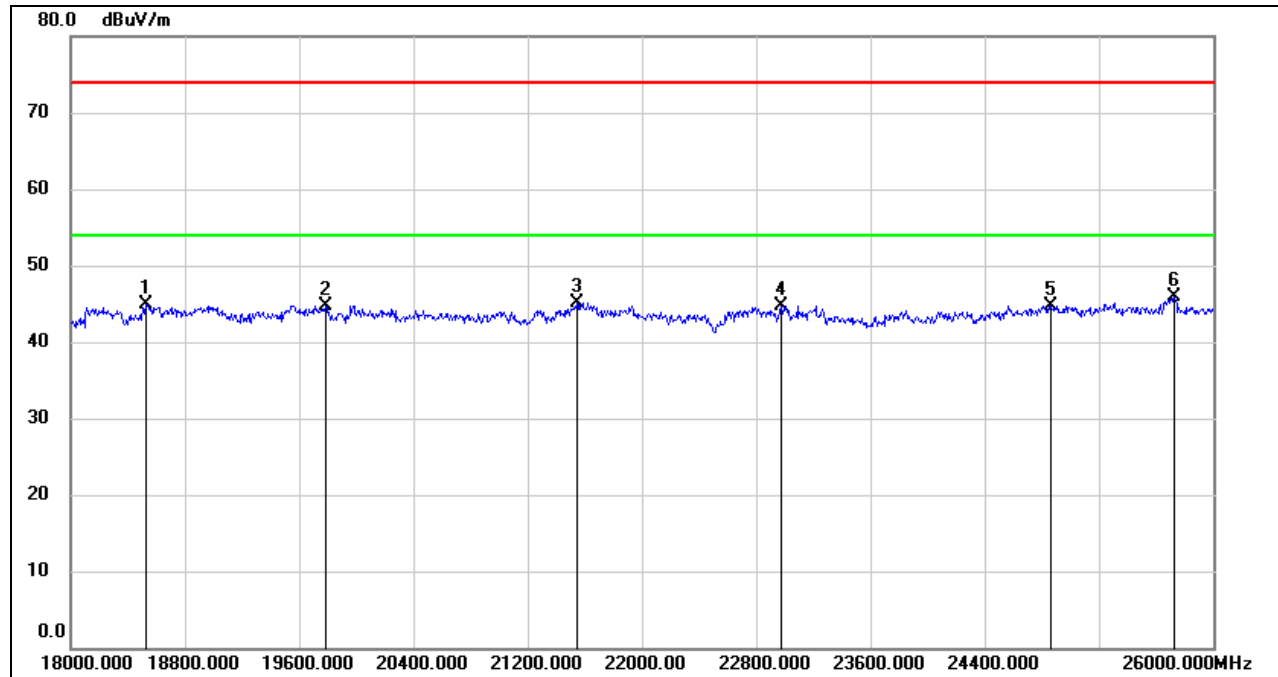


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	50.27	-5.48	44.79	74.00	-29.21	peak
2	18592.000	49.75	-5.31	44.44	74.00	-29.56	peak
3	20000.000	50.81	-5.45	45.36	74.00	-28.64	peak
4	21600.000	50.02	-4.54	45.48	74.00	-28.52	peak
5	23064.000	48.99	-3.42	45.57	74.00	-28.43	peak
6	25616.000	46.68	-1.24	45.44	74.00	-28.56	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.



SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18528.000	50.11	-5.26	44.85	74.00	-29.15	peak
2	19784.000	50.07	-5.28	44.79	74.00	-29.21	peak
3	21544.000	49.76	-4.63	45.13	74.00	-28.87	peak
4	22976.000	48.26	-3.46	44.80	74.00	-29.20	peak
5	24864.000	47.03	-2.23	44.80	74.00	-29.20	peak
6	25728.000	46.61	-0.72	45.89	74.00	-28.11	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.

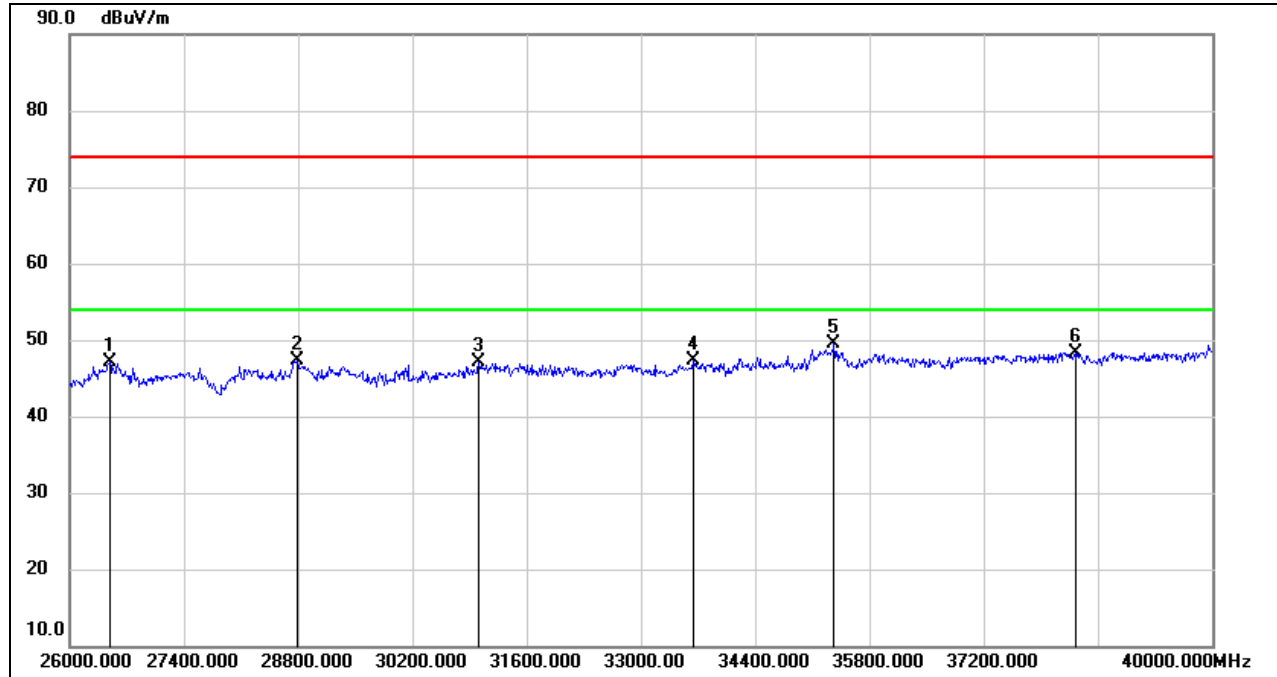
3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
3	31012.000	47.83	-0.71	47.12	74.00	-26.88	peak
4	33644.000	46.81	0.42	47.23	74.00	-26.77	peak
5	35366.000	46.90	2.59	49.49	74.00	-24.51	peak
6	38320.000	44.56	3.77	48.33	74.00	-25.67	peak

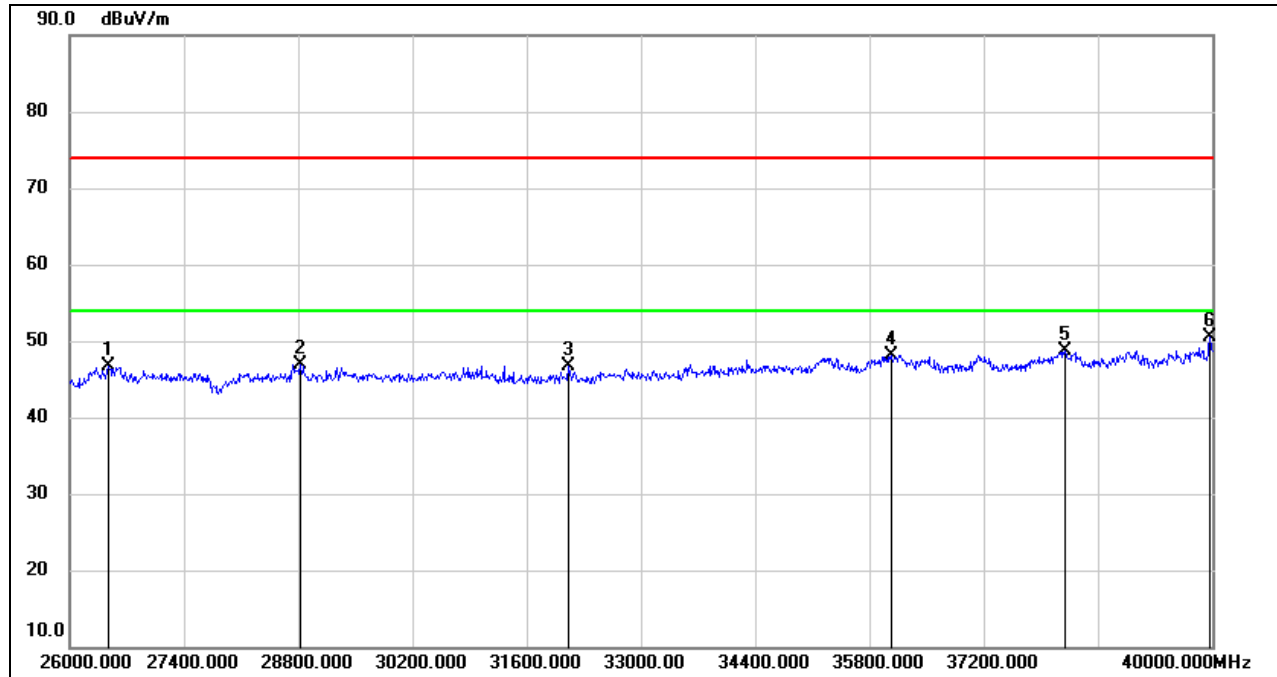
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.



SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28828.000	47.63	-0.79	46.84	74.00	-27.16	peak
3	32104.000	48.49	-1.75	46.74	74.00	-27.26	peak
4	36066.000	44.35	3.83	48.18	74.00	-25.82	peak
5	38194.000	44.93	3.72	48.65	74.00	-25.35	peak
6	39972.000	45.45	5.13	50.58	74.00	-23.42	peak

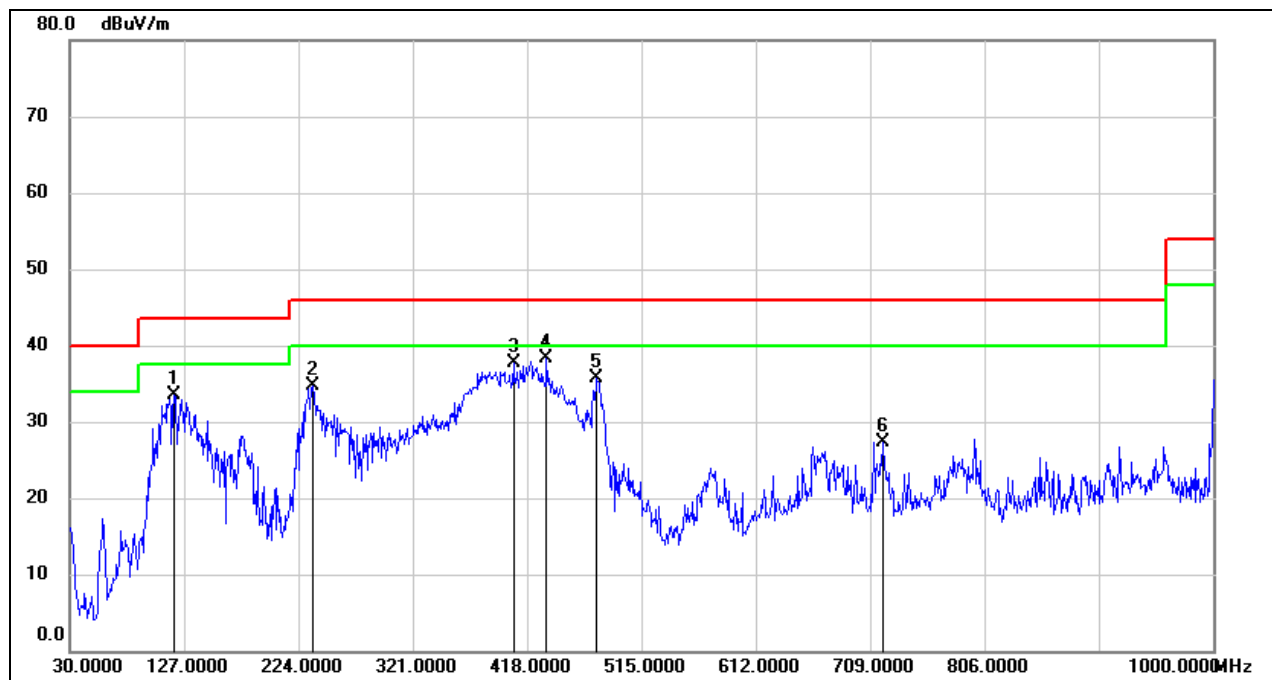
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11n HT40 MIMO MODE

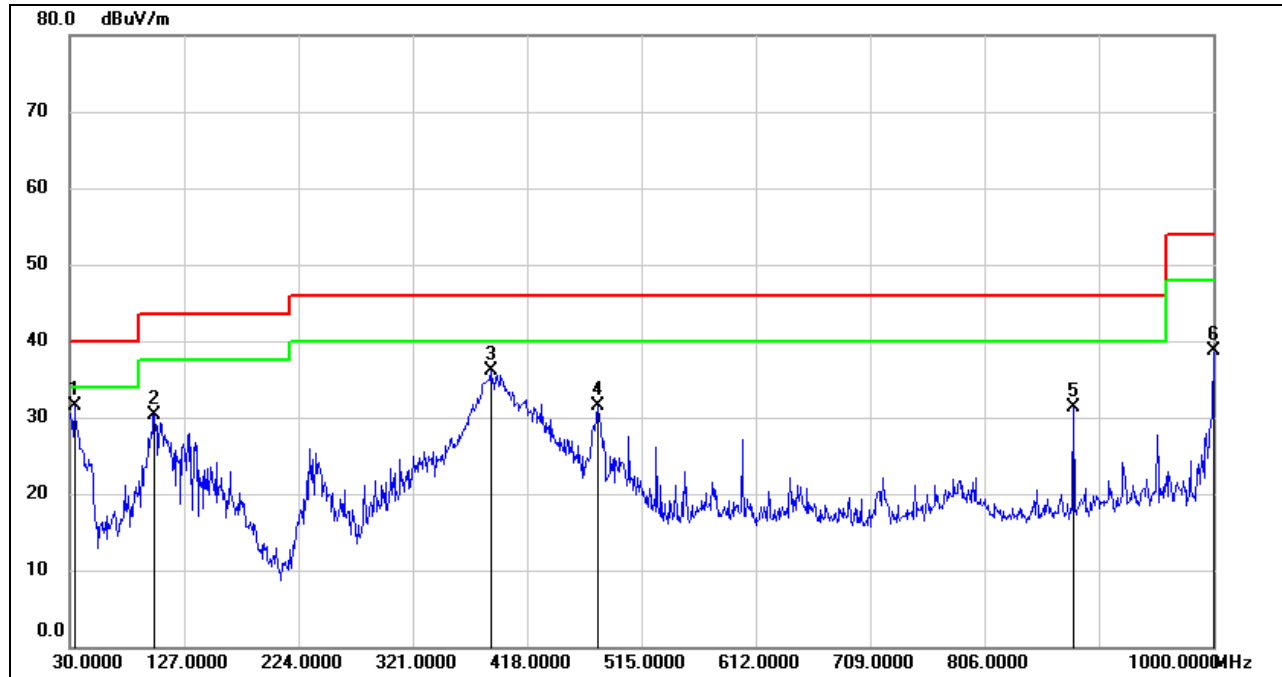
SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	118.2700	53.39	-19.97	33.42	43.50	-10.08	QP
2	235.6400	53.72	-18.96	34.76	46.00	-11.24	QP
3	406.3599	50.86	-13.22	37.64	46.00	-8.36	QP
4	434.4900	50.97	-12.66	38.31	46.00	-7.69	QP
5	477.1700	47.66	-11.86	35.80	46.00	-10.20	QP
6	719.6700	35.42	-8.08	27.34	46.00	-18.66	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 (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	50.80	-19.31	31.49	40.00	-8.51	QP
2	101.7800	51.39	-21.00	30.39	43.50	-13.11	QP
3	386.9600	49.59	-13.53	36.06	46.00	-9.94	QP
4	478.1400	43.36	-11.83	31.53	46.00	-14.47	QP
5	881.6600	36.81	-5.48	31.33	46.00	-14.67	QP
6	1000.0000	42.80	-4.15	38.65	54.00	-15.35	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

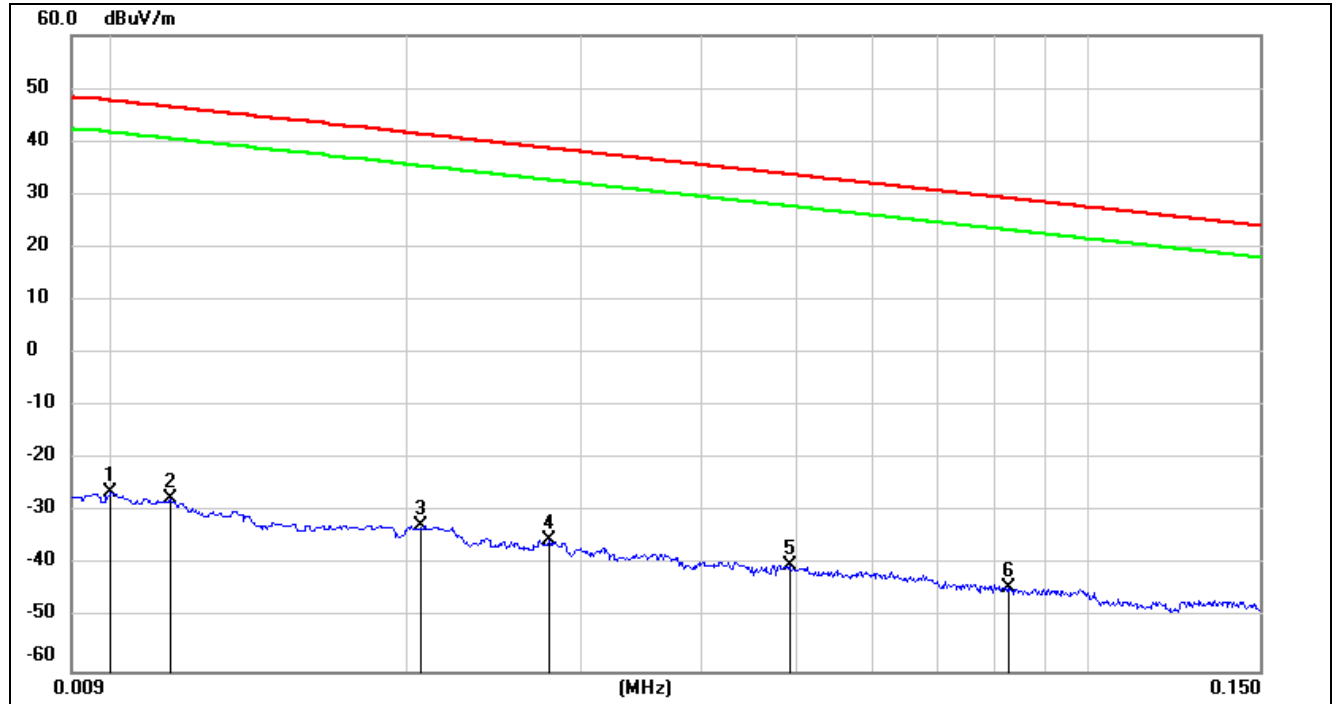
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	75.22	-101.40	-26.18	47.6	-77.68	-3.90	-73.78	peak
2	0.0114	73.88	-101.40	-27.52	46.46	-79.02	-5.04	-73.98	peak
3	0.0206	68.92	-101.35	-32.43	41.32	-83.93	-10.18	-73.75	peak
4	0.0279	66.17	-101.38	-35.21	38.69	-86.71	-12.81	-73.90	peak
5	0.0492	61.55	-101.47	-39.92	33.76	-91.42	-17.74	-73.68	peak
6	0.0826	57.32	-101.65	-44.33	29.26	-95.83	-22.24	-73.59	peak

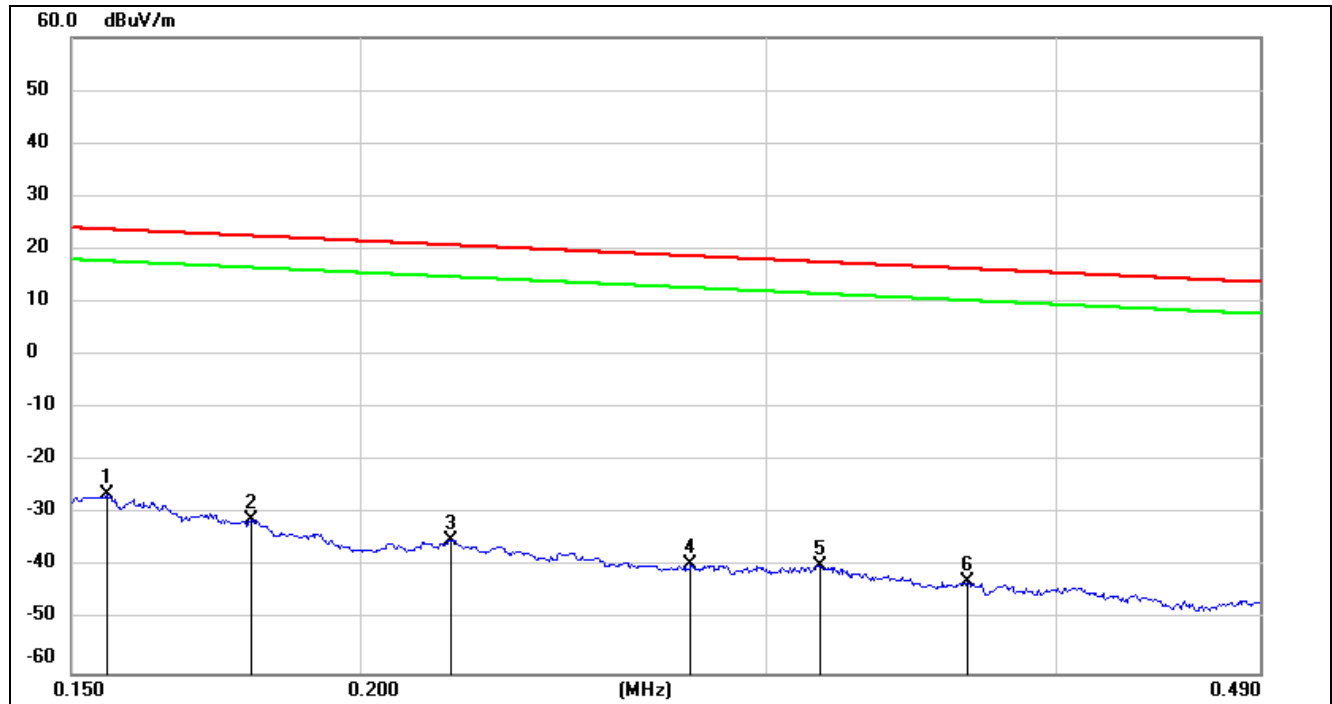
Note: 1. Measurement = Reading Level + Correct Factor.

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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1554	75.27	-101.65	-26.38	23.77	-77.88	-27.73	-50.15	peak
2	0.1794	70.77	-101.68	-30.91	22.53	-82.41	-28.97	-53.44	peak
3	0.2190	66.77	-101.75	-34.98	20.79	-86.48	-30.71	-55.77	peak
4	0.2782	62.29	-101.83	-39.54	18.71	-91.04	-32.79	-58.25	peak
5	0.3163	62.20	-101.87	-39.67	17.6	-91.17	-33.90	-57.27	peak
6	0.3662	59.08	-101.93	-42.85	16.33	-94.35	-35.17	-59.18	peak

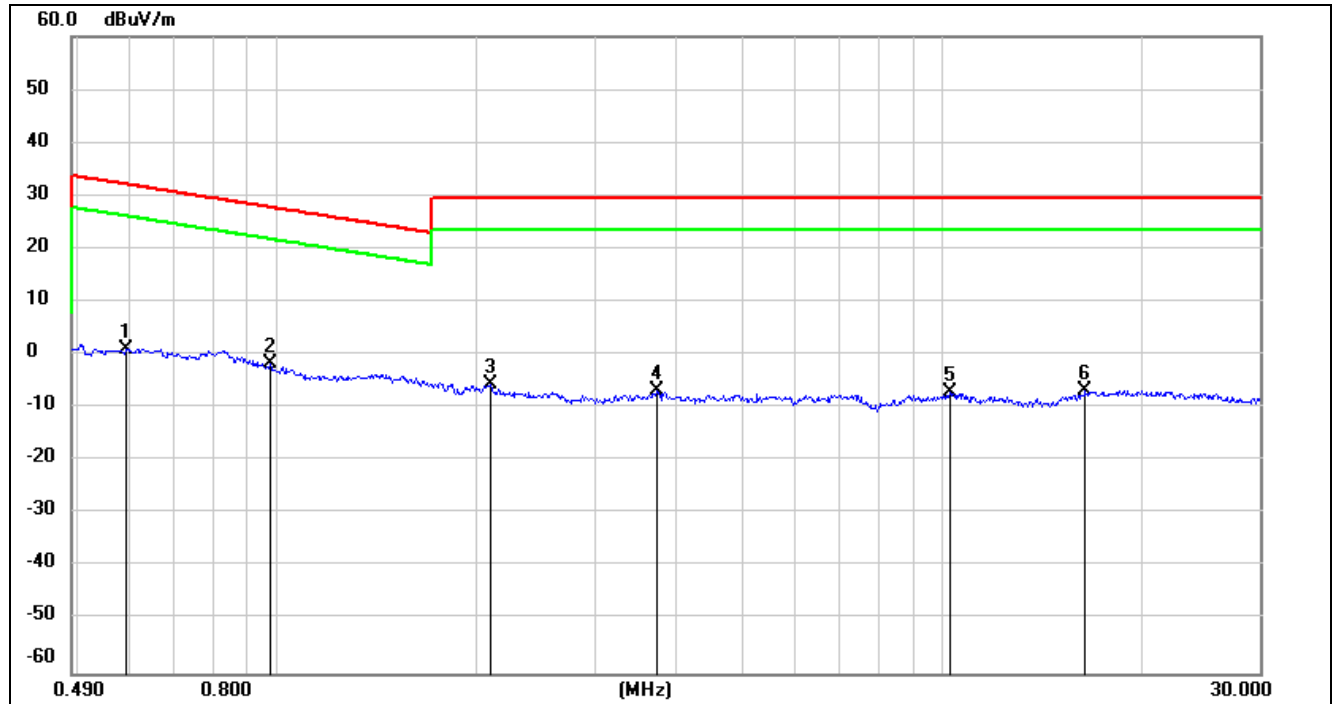
Note: 1. Measurement = Reading Level + Correct Factor.

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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.5917	63.24	-62.08	1.16	32.16	-50.34	-19.34	-31.00	peak
2	0.9737	60.71	-62.25	-1.54	27.83	-53.04	-23.67	-29.37	peak
3	2.0939	56.39	-61.79	-5.4	29.54	-56.90	-21.96	-34.94	peak
4	3.7100	54.70	-61.41	-6.71	29.54	-58.21	-21.96	-36.25	peak
5	10.2576	53.63	-60.81	-7.18	29.54	-58.68	-21.96	-36.72	peak
6	16.3959	54.17	-60.96	-6.79	29.54	-58.29	-21.96	-36.33	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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSIONS

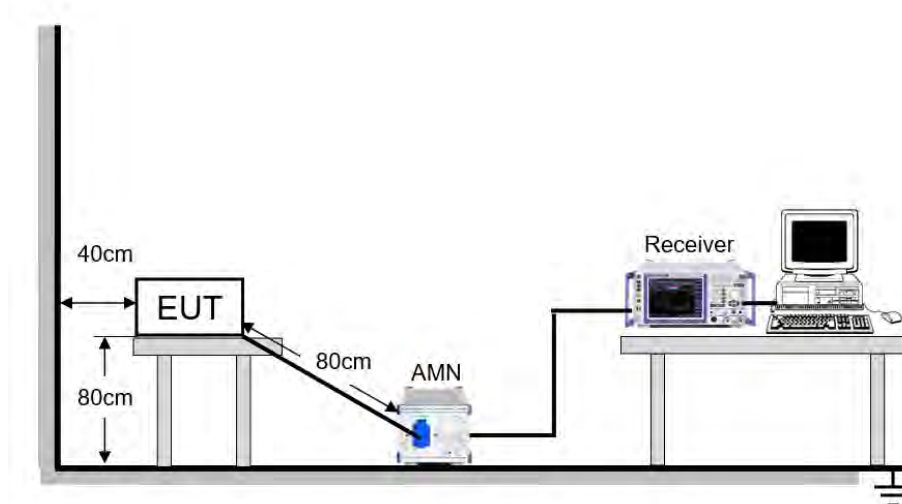
LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	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

Refer to ANSI C63.10-2013 clause 6.2.



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm 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 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

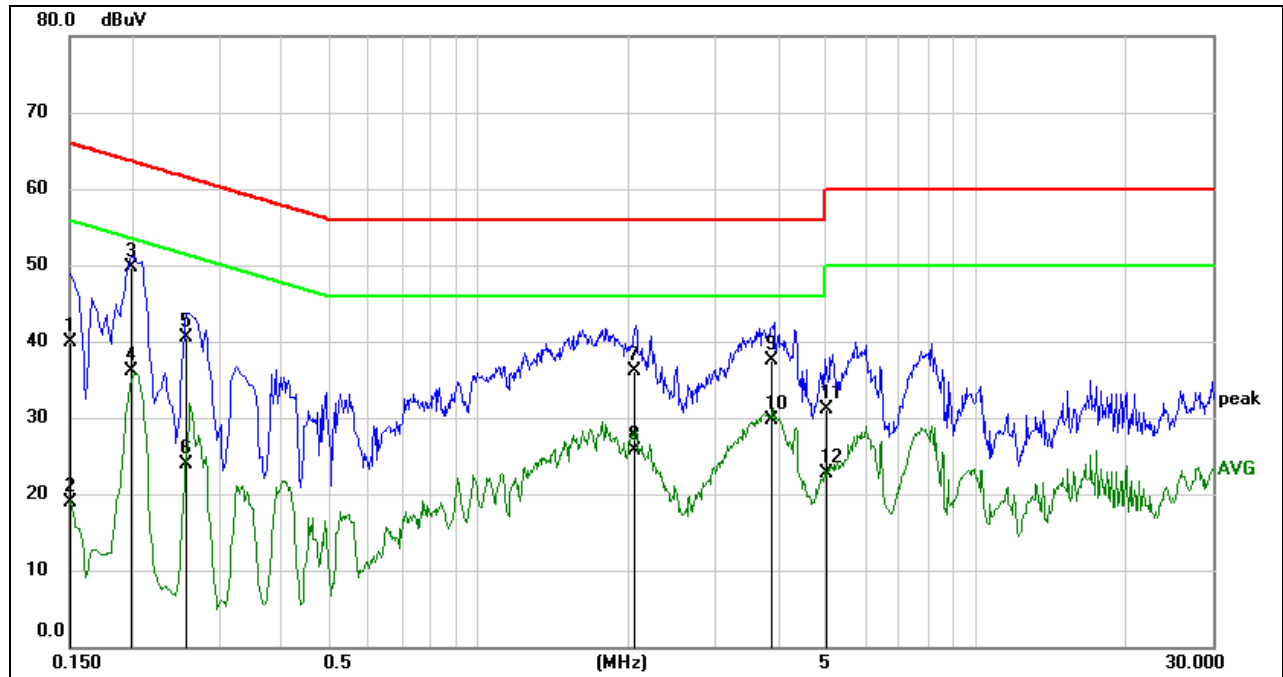
Temperature	25.9 °C	Relative Humidity	67.7%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz



RESULTS

9.1.1. 802.11n HT40 MIMO MODE

LINE L RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	30.41	9.59	40.00	66.00	-26.00	QP
2	0.1500	9.28	9.59	18.87	56.00	-37.13	AVG
3	0.1995	40.18	9.59	49.77	63.63	-13.86	QP
4	0.1995	26.55	9.59	36.14	53.63	-17.49	AVG
5	0.2579	30.91	9.59	40.50	61.50	-21.00	QP
6	0.2579	14.30	9.59	23.89	51.50	-27.61	AVG
7	2.0484	26.57	9.63	36.20	56.00	-19.80	QP
8	2.0484	16.09	9.63	25.72	46.00	-20.28	AVG
9	3.8646	27.81	9.60	37.41	56.00	-18.59	QP
10	3.8646	20.08	9.60	29.68	46.00	-16.32	AVG
11	5.0301	21.39	9.62	31.01	60.00	-28.99	QP
12	5.0301	13.09	9.62	22.71	50.00	-27.29	AVG

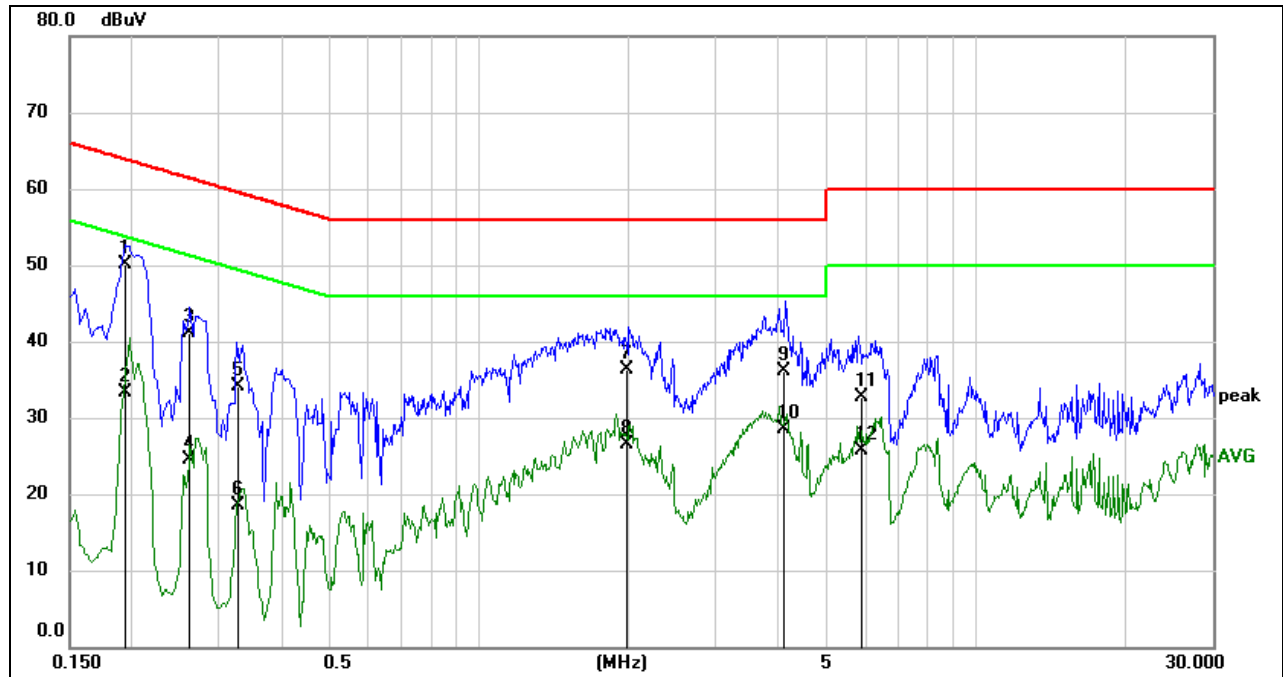
Note: 1. Result = Reading + Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

LINE N RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1947	40.45	9.59	50.04	63.83	-13.79	QP
2	0.1947	23.64	9.59	33.23	53.83	-20.60	AVG
3	0.2597	31.45	9.59	41.04	61.44	-20.40	QP
4	0.2597	14.87	9.59	24.46	51.44	-26.98	AVG
5	0.3288	24.54	9.59	34.13	59.48	-25.35	QP
6	0.3288	9.01	9.59	18.60	49.48	-30.88	AVG
7	1.9926	26.75	9.63	36.38	56.00	-19.62	QP
8	1.9926	16.85	9.63	26.48	46.00	-19.52	AVG
9	4.1020	26.54	9.60	36.14	56.00	-19.86	QP
10	4.1020	18.99	9.60	28.59	46.00	-17.41	AVG
11	5.9009	23.16	9.64	32.80	60.00	-27.20	QP
12	5.9009	16.01	9.64	25.65	50.00	-24.35	AVG

Note: 1. Result = Reading + Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes had been tested, but only the worst data was recorded in the report.

10. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

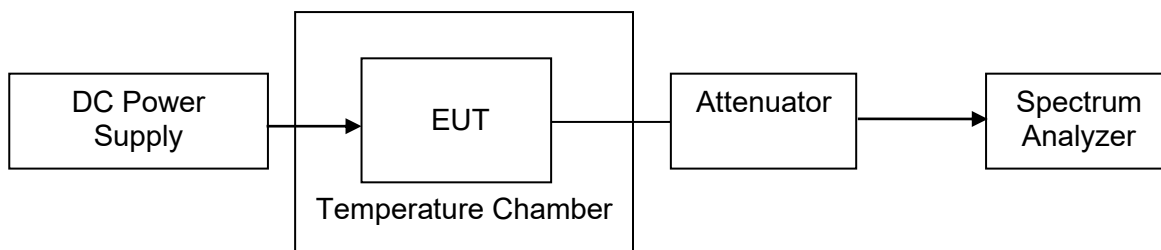
1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 70 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 90 % to 110 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST SETUP





TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	TN (Normal Temperature): 26.4 °C	TL (Low Temperature): 0 °C
		TH (High Temperature): 70 °C
Supply Voltage	VN (Normal Voltage): DC 3.3 V	VL (Low Voltage): DC 2.97 V
		VH (High Voltage): DC 3.63 V

RESULTS

Please refer to Appendix E.



11. 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

**11.1. Appendix A1: Emission Bandwidth****11.1.1. Test Result**

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A 20	Ant1	5180	19.840	5170.200	5190.040	PASS
	Ant2	5180	19.760	5170.200	5189.960	PASS
	Ant1	5200	19.800	5190.240	5210.040	PASS
	Ant2	5200	19.520	5190.400	5209.920	PASS
	Ant1	5240	19.320	5230.480	5249.800	PASS
	Ant2	5240	20.000	5229.800	5249.800	PASS
	Ant1	5745	19.520	5735.520	5755.040	PASS
	Ant2	5745	19.520	5735.080	5754.600	PASS
	Ant1	5785	19.520	5775.280	5794.800	PASS
	Ant2	5785	19.720	5775.120	5794.840	PASS
	Ant1	5825	19.200	5815.440	5834.640	PASS
	Ant2	5825	19.800	5815.120	5834.920	PASS
11N20MIMO	Ant1	5180	20.280	5169.880	5190.160	PASS
	Ant2	5180	20.320	5169.720	5190.040	PASS
	Ant1	5200	20.360	5189.640	5210.000	PASS
	Ant2	5200	20.080	5190.120	5210.200	PASS
	Ant1	5240	19.680	5230.200	5249.880	PASS
	Ant2	5240	20.120	5229.960	5250.080	PASS
	Ant1	5745	20.160	5734.960	5755.120	PASS
	Ant2	5745	19.920	5735.160	5755.080	PASS
	Ant1	5785	20.280	5774.960	5795.240	PASS
	Ant2	5785	20.000	5774.960	5794.960	PASS
	Ant1	5825	20.080	5815.080	5835.160	PASS
	Ant2	5825	19.560	5815.200	5834.760	PASS
11N40MIMO	Ant1	5190	39.760	5170.080	5209.840	PASS
	Ant2	5190	39.280	5170.560	5209.840	PASS
	Ant1	5230	40.080	5210.000	5250.080	PASS
	Ant2	5230	40.240	5209.680	5249.920	PASS
	Ant1	5755	40.480	5734.760	5775.240	PASS
	Ant2	5755	39.920	5735.160	5775.080	PASS
	Ant1	5795	40.400	5774.760	5815.160	PASS
	Ant2	5795	40.400	5775.000	5815.400	PASS
11AC80MIMO	Ant1	5210	80.160	5170.320	5250.480	PASS
	Ant2	5210	80.000	5170.000	5250.000	PASS
	Ant1	5775	80.320	5734.360	5814.680	PASS
	Ant2	5775	79.520	5735.480	5815.000	PASS



Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5260	19.800	5250.320	5270.120	PASS
	Ant2	5260	19.600	5250.280	5269.880	PASS
	Ant1	5280	19.840	5270.120	5289.960	PASS
	Ant2	5280	19.920	5270.120	5290.040	PASS
	Ant1	5320	19.800	5310.000	5329.800	PASS
	Ant2	5320	20.040	5310.080	5330.120	PASS
	Ant1	5500	19.800	5490.160	5509.960	PASS
	Ant2	5500	19.800	5490.040	5509.840	PASS
	Ant1	5580	19.440	5570.360	5589.800	PASS
	Ant2	5580	19.720	5570.000	5589.720	PASS
	Ant1	5700	19.800	5690.160	5709.960	PASS
	Ant2	5700	19.800	5690.040	5709.840	PASS
	Ant1	5720	19.520	5710.280	5729.800	PASS
	Ant2	5720	19.880	5710.000	5729.880	PASS
	Ant1	5720 UNII-2C	14.72	5710.280	5725	PASS
	Ant2	5720 UNII-2C	15	5710.000	5725	PASS
11N20MIMO	Ant1	5720 UNII-3	4.8	5725	5729.800	PASS
	Ant2	5720 UNII-3	4.88	5725	5729.880	PASS
	Ant1	5260	20.200	5249.840	5270.040	PASS
	Ant2	5260	20.120	5249.960	5270.080	PASS
	Ant1	5280	20.000	5270.080	5290.080	PASS
	Ant2	5280	20.000	5270.000	5290.000	PASS
	Ant1	5320	19.720	5310.120	5329.840	PASS
	Ant2	5320	19.960	5310.000	5329.960	PASS
	Ant1	5500	20.120	5490.000	5510.120	PASS
	Ant2	5500	19.720	5490.080	5509.800	PASS
	Ant1	5580	19.920	5570.120	5590.040	PASS
	Ant2	5580	19.960	5570.160	5590.120	PASS
	Ant1	5700	20.040	5690.080	5710.120	PASS
	Ant2	5700	19.880	5690.200	5710.080	PASS
	Ant1	5720	19.760	5710.280	5730.040	PASS
	Ant2	5720	20.040	5709.920	5729.960	PASS
11N40MIMO	Ant1	5720 UNII-2C	14.72	5710.280	5725	PASS
	Ant2	5720 UNII-2C	15.08	5709.920	5725	PASS
	Ant1	5720 UNII-3	5.04	5725	5730.040	PASS
	Ant2	5720 UNII-3	4.96	5725	5729.960	PASS
	Ant1	5270	40.320	5249.760	5290.080	PASS
	Ant2	5270	39.440	5250.560	5290.000	PASS
	Ant1	5310	40.320	5290.000	5330.320	PASS
	Ant2	5310	39.440	5290.400	5329.840	PASS
	Ant1	5510	39.920	5489.920	5529.840	PASS
	Ant2	5510	39.360	5490.320	5529.680	PASS
	Ant1	5590	40.320	5569.920	5610.240	PASS
	Ant2	5590	40.000	5570.160	5610.160	PASS
	Ant1	5670	40.240	5649.920	5690.160	PASS
	Ant2	5670	39.920	5650.400	5690.320	PASS
	Ant1	5710	40.080	5689.760	5729.840	PASS
	Ant2	5710	39.760	5690.160	5729.920	PASS
11AC80MIMO	Ant1	5710 UNII-2C	35.24	5689.760	5725	PASS
	Ant2	5710 UNII-2C	34.84	5690.160	5725	PASS
	Ant1	5710 UNII-3	4.84	5725	5729.840	PASS
	Ant2	5710 UNII-3	4.92	5725	5729.920	PASS
	Ant1	5290	80.800	5250.000	5330.800	PASS
	Ant2	5290	79.520	5250.320	5329.840	PASS
	Ant1	5530	80.320	5489.680	5570.000	PASS
	Ant2	5530	80.000	5490.320	5570.320	PASS
	Ant1	5610	80.000	5570.160	5650.160	PASS



	Ant2	5610	79.520	5570.320	5649.840	PASS
	Ant1	5690	79.360	5650.800	5730.160	PASS
	Ant2	5690	80.000	5649.840	5729.840	PASS
	Ant1	5690 UNII-2C	74.2	5650.800	5725	PASS
	Ant2	5690 UNII-2C	75.16	5649.840	5725	PASS
	Ant1	5690 UNII-3	5.16	5725	5730.160	PASS
	Ant2	5690 UNII-3	4.84	5725	5729.840	PASS



11.1.2. Test Graphs



















































11N40MIMO Ant1 5670



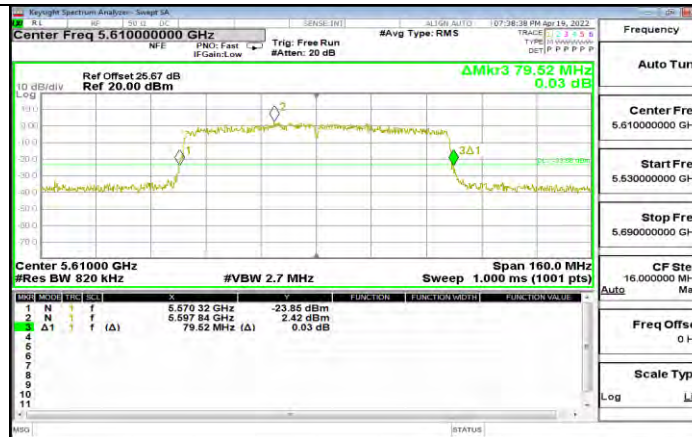
11N40MIMO Ant2 5670



11N40MIMO Ant1 5710







11AC80MIMO Ant2 5610



11AC80MIMO Ant1 5690



11AC80MIMO Ant2 5690



11.2. Appendix A2: Occupied Channel Bandwidth

11.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A 20	Ant1	5180	16.532	5171.777	5188.309	PASS
	Ant2	5180	16.625	5171.734	5188.359	PASS
	Ant1	5200	16.649	5191.615	5208.264	PASS
	Ant2	5200	16.572	5191.697	5208.269	PASS
	Ant1	5240	16.785	5231.545	5248.330	PASS
	Ant2	5240	16.497	5231.737	5248.234	PASS
	Ant1	5745	16.703	5736.614	5753.317	PASS
	Ant2	5745	16.587	5736.720	5753.307	PASS
	Ant1	5785	16.601	5776.774	5793.375	PASS
	Ant2	5785	16.618	5776.660	5793.278	PASS
	Ant1	5825	16.662	5816.638	5833.300	PASS
	Ant2	5825	16.636	5816.698	5833.334	PASS
11N20MIMO	Ant1	5180	17.636	5171.215	5188.851	PASS
	Ant2	5180	17.572	5171.247	5188.819	PASS
	Ant1	5200	17.663	5191.180	5208.843	PASS
	Ant2	5200	17.801	5191.089	5208.890	PASS
	Ant1	5240	17.729	5231.110	5248.839	PASS
	Ant2	5240	17.707	5231.178	5248.885	PASS
	Ant1	5745	17.741	5736.117	5753.858	PASS
	Ant2	5745	17.700	5736.192	5753.892	PASS
	Ant1	5785	17.658	5776.180	5793.838	PASS
	Ant2	5785	17.682	5776.163	5793.845	PASS
	Ant1	5825	17.730	5816.197	5833.927	PASS
	Ant2	5825	17.737	5816.143	5833.880	PASS
11N40MIMO	Ant1	5190	36.154	5172.017	5208.171	PASS
	Ant2	5190	35.885	5172.140	5208.025	PASS
	Ant1	5230	35.944	5212.109	5248.053	PASS
	Ant2	5230	36.051	5212.002	5248.053	PASS
	Ant1	5755	36.202	5736.993	5773.195	PASS
	Ant2	5755	36.029	5737.097	5773.126	PASS
	Ant1	5795	36.194	5776.947	5813.141	PASS
	Ant2	5795	36.213	5777.032	5813.245	PASS
11AC80MIMO	Ant1	5210	75.399	5172.406	5247.805	PASS
	Ant2	5210	75.529	5172.382	5247.911	PASS
	Ant1	5775	75.924	5737.153	5813.077	PASS
	Ant2	5775	75.692	5737.338	5813.030	PASS



Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5260	16.542	5251.719	5268.261	PASS
	Ant2	5260	16.530	5251.780	5268.310	PASS
	Ant1	5280	16.651	5271.666	5288.317	PASS
	Ant2	5280	16.479	5271.730	5288.209	PASS
	Ant1	5320	16.719	5311.641	5328.360	PASS
	Ant2	5320	16.626	5311.698	5328.324	PASS
	Ant1	5500	16.675	5491.602	5508.277	PASS
	Ant2	5500	16.523	5491.747	5508.270	PASS
	Ant1	5580	16.605	5571.701	5588.306	PASS
	Ant2	5580	16.800	5571.667	5588.467	PASS
	Ant1	5700	16.596	5691.694	5708.290	PASS
	Ant2	5700	16.627	5691.651	5708.278	PASS
	Ant1	5720	16.658	5711.621	5728.279	PASS
	Ant2	5720	16.643	5711.634	5728.277	PASS
	Ant1	5720 UNII-2C	13.379	5711.621	5725	PASS
	Ant2	5720 UNII-2C	13.366	5711.634	5725	PASS
11N20MIMO	Ant1	5260	17.648	5251.227	5268.875	PASS
	Ant2	5260	17.700	5251.180	5268.880	PASS
	Ant1	5280	17.642	5271.155	5288.797	PASS
	Ant2	5280	17.712	5271.148	5288.860	PASS
	Ant1	5320	17.643	5311.142	5328.785	PASS
	Ant2	5320	17.750	5311.181	5328.931	PASS
	Ant1	5500	17.636	5491.252	5508.888	PASS
	Ant2	5500	17.710	5491.213	5508.923	PASS
	Ant1	5580	17.652	5571.230	5588.882	PASS
	Ant2	5580	17.763	5571.178	5588.941	PASS
	Ant1	5700	17.668	5691.167	5708.835	PASS
	Ant2	5700	17.625	5691.226	5708.851	PASS
	Ant1	5720	17.791	5711.194	5728.985	PASS
	Ant2	5720	17.706	5711.235	5728.941	PASS
	Ant1	5720 UNII-2C	13.806	5711.194	5725	PASS
	Ant2	5720 UNII-2C	13.765	5711.235	5725	PASS
11N40MIMO	Ant1	5720 UNII-3	3.985	5725	5728.985	PASS
	Ant2	5720 UNII-3	3.941	5725	5728.941	PASS
	Ant1	5270	36.176	5251.915	5288.091	PASS
	Ant2	5270	36.145	5251.949	5288.094	PASS
	Ant1	5310	36.086	5292.049	5328.135	PASS
	Ant2	5310	36.174	5292.058	5328.232	PASS
	Ant1	5510	36.211	5492.034	5528.245	PASS
	Ant2	5510	36.169	5491.941	5528.110	PASS
	Ant1	5590	36.265	5571.915	5608.180	PASS
	Ant2	5590	36.072	5572.108	5608.180	PASS
	Ant1	5670	36.195	5651.969	5688.164	PASS
	Ant2	5670	36.140	5652.054	5688.194	PASS
	Ant1	5710	36.215	5691.905	5728.120	PASS
	Ant2	5710	36.276	5691.894	5728.170	PASS
	Ant1	5710 UNII-2C	33.095	5691.905	5725	PASS
	Ant2	5710 UNII-2C	33.106	5691.894	5725	PASS
11AC80MIMO	Ant1	5710 UNII-3	3.12	5725	5728.120	PASS
	Ant2	5710 UNII-3	3.17	5725	5728.170	PASS
	Ant1	5290	75.878	5252.123	5328.001	PASS
	Ant2	5290	75.716	5252.274	5327.990	PASS
	Ant1	5530	76.306	5492.121	5568.427	PASS
	Ant2	5530	76.015	5492.173	5568.188	PASS
	Ant1	5610	76.270	5572.042	5648.312	PASS
	Ant2	5610	75.715	5572.441	5648.156	PASS



	Ant1	5690	75.943	5652.141	5728.084	PASS
	Ant2	5690	75.770	5652.260	5728.030	PASS
	Ant1	5690 UNII-2C	72.859	5652.141	5725	PASS
	Ant2	5690 UNII-2C	72.74	5652.260	5725	PASS
	Ant1	5690 UNII-3	3.084	5725	5728.084	PASS
	Ant2	5690 UNII-3	3.03	5725	5728.030	PASS

11.2.2. Test Graphs



