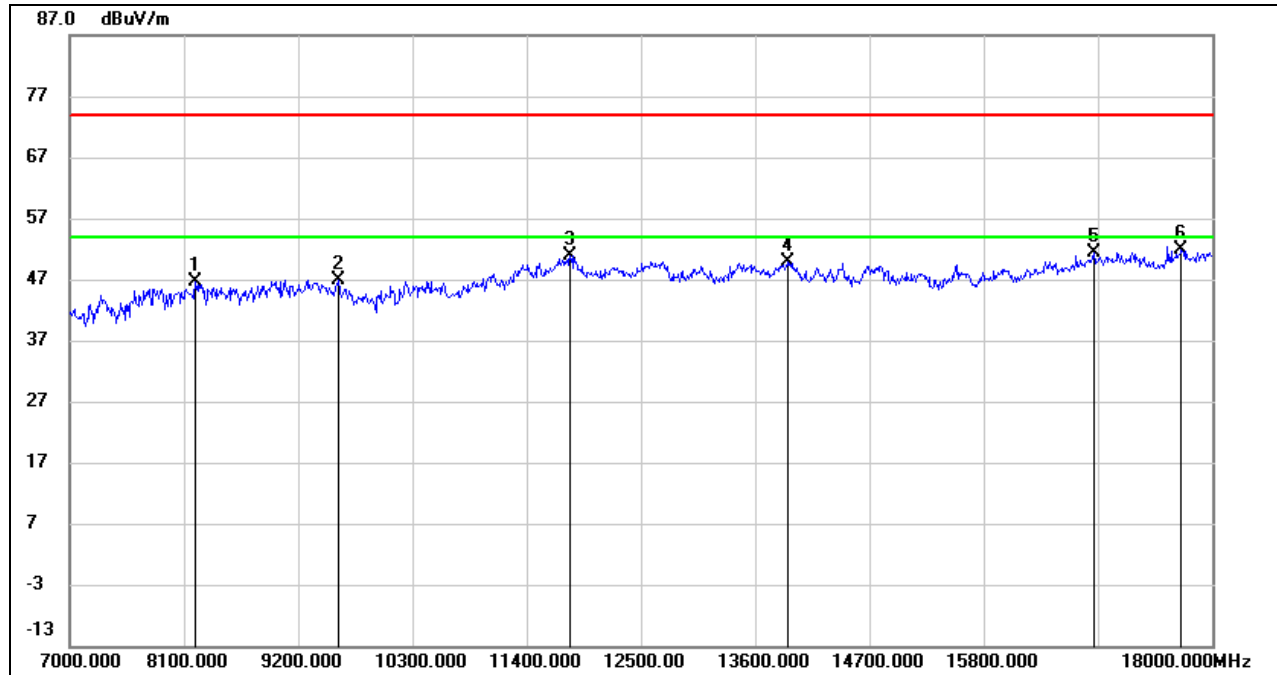


HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.23	9.32	46.55	74.00	-27.45	peak
2	9585.000	36.44	10.47	46.91	74.00	-27.09	peak
3	11818.000	35.20	15.58	50.78	74.00	-23.22	peak
4	13919.000	32.97	16.89	49.86	74.00	-24.14	peak
5	16856.000	31.60	19.87	51.47	74.00	-22.53	peak
6	17703.000	29.90	21.96	51.86	74.00	-22.14	peak

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

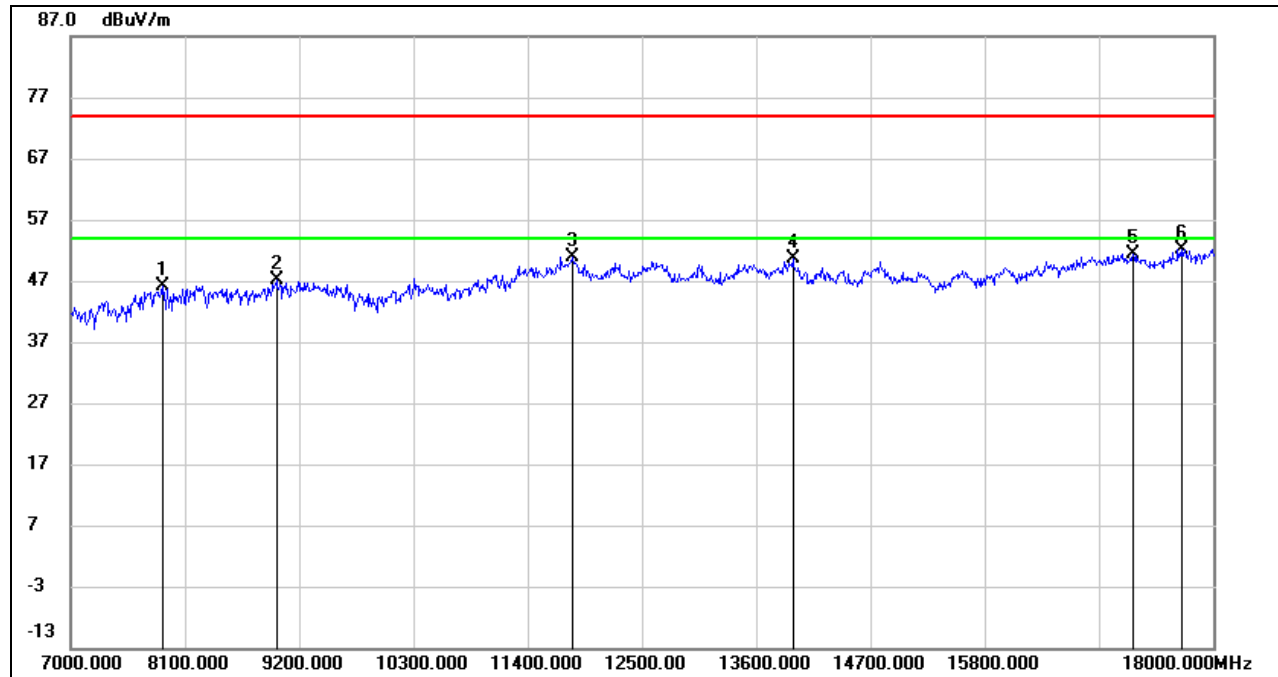
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	38.17	8.01	46.18	74.00	-27.82	peak
2	8980.000	36.72	10.41	47.13	74.00	-26.87	peak
3	11829.000	35.34	15.57	50.91	74.00	-23.09	peak
4	13952.000	33.68	16.88	50.56	74.00	-23.44	peak
5	17230.000	30.43	20.99	51.42	74.00	-22.58	peak
6	17692.000	30.22	21.87	52.09	74.00	-21.91	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.

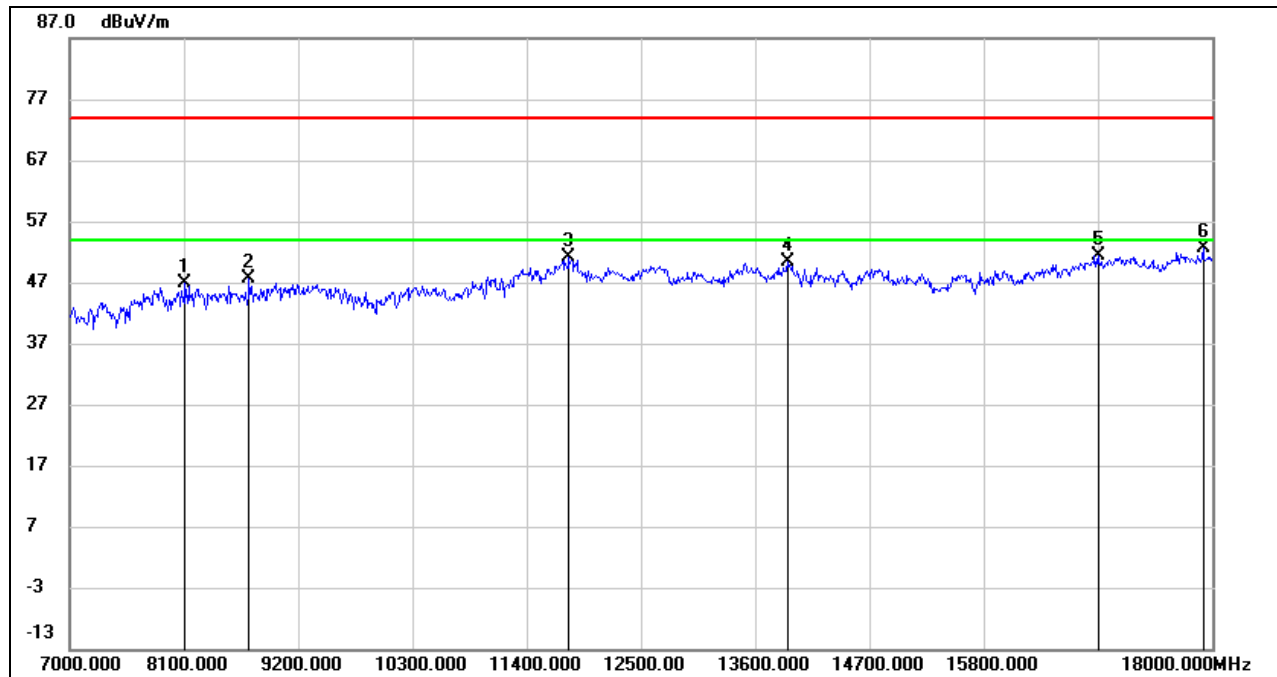
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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	8111.000	38.37	8.61	46.98	74.00	-27.02	peak
2	8727.000	39.10	8.53	47.63	74.00	-26.37	peak
3	11807.000	35.55	15.61	51.16	74.00	-22.84	peak
4	13908.000	33.40	16.90	50.30	74.00	-23.70	peak
5	16900.000	31.48	19.98	51.46	74.00	-22.54	peak
6	17912.000	29.97	22.69	52.66	74.00	-21.34	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.

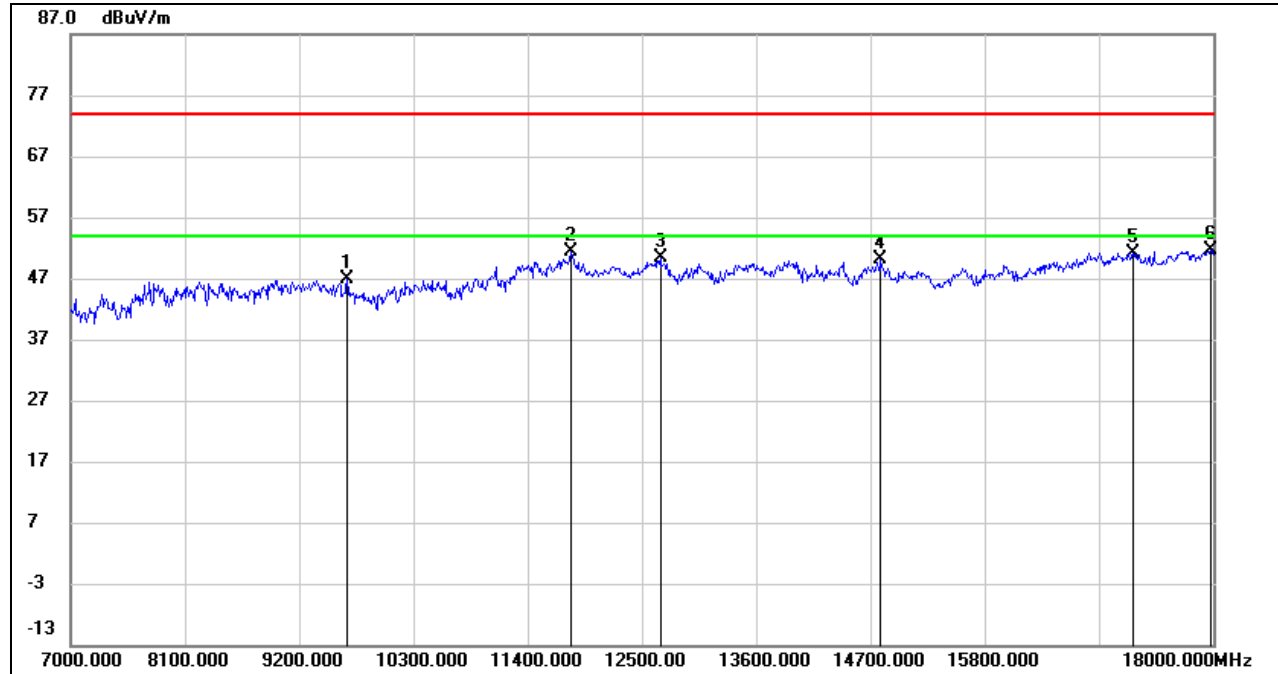
3. Peak: Peak detector.

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	9662.000	36.51	10.32	46.83	74.00	-27.17	peak
2	11818.000	35.71	15.58	51.29	74.00	-22.71	peak
3	12676.000	34.96	15.42	50.38	74.00	-23.62	peak
4	14799.000	33.36	16.80	50.16	74.00	-23.84	peak
5	17230.000	30.21	20.99	51.20	74.00	-22.80	peak
6	17978.000	28.84	22.68	51.52	74.00	-22.48	peak

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

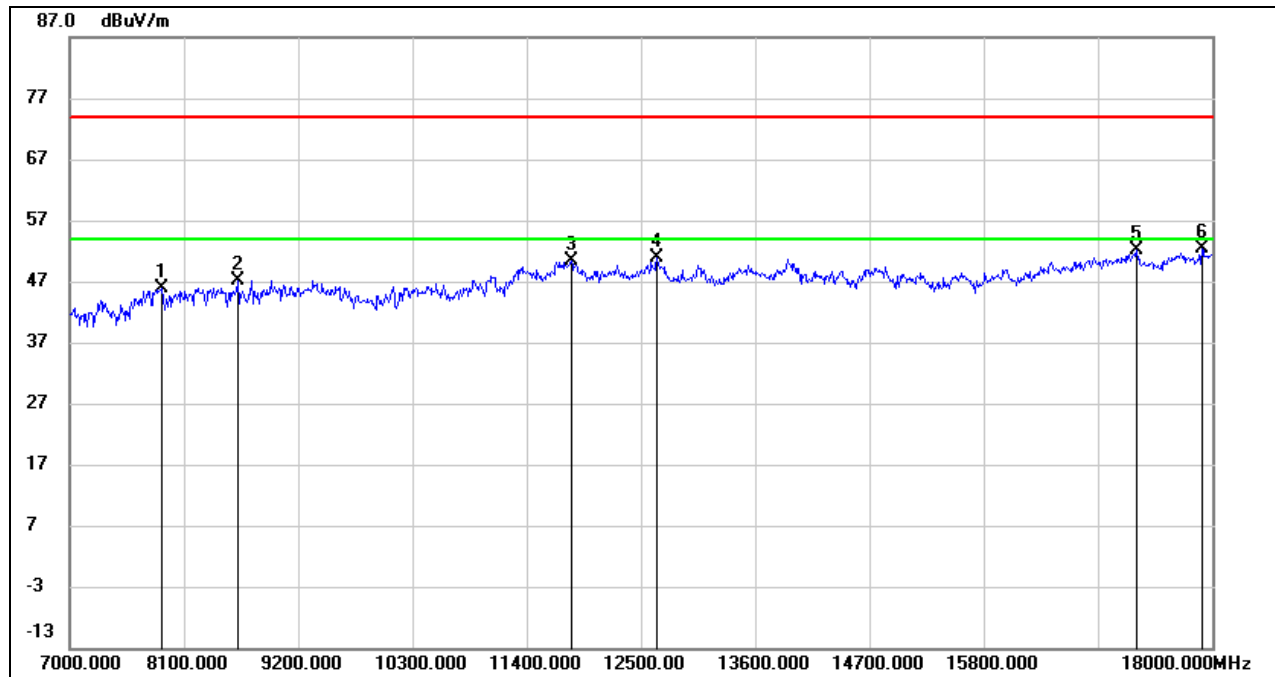
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	7891.000	37.80	7.98	45.78	74.00	-28.22	peak
2	8617.000	38.65	8.55	47.20	74.00	-26.80	peak
3	11829.000	34.77	15.57	50.34	74.00	-23.66	peak
4	12654.000	35.42	15.38	50.80	74.00	-23.20	peak
5	17274.000	31.24	20.93	52.17	74.00	-21.83	peak
6	17901.000	29.65	22.69	52.34	74.00	-21.66	peak

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

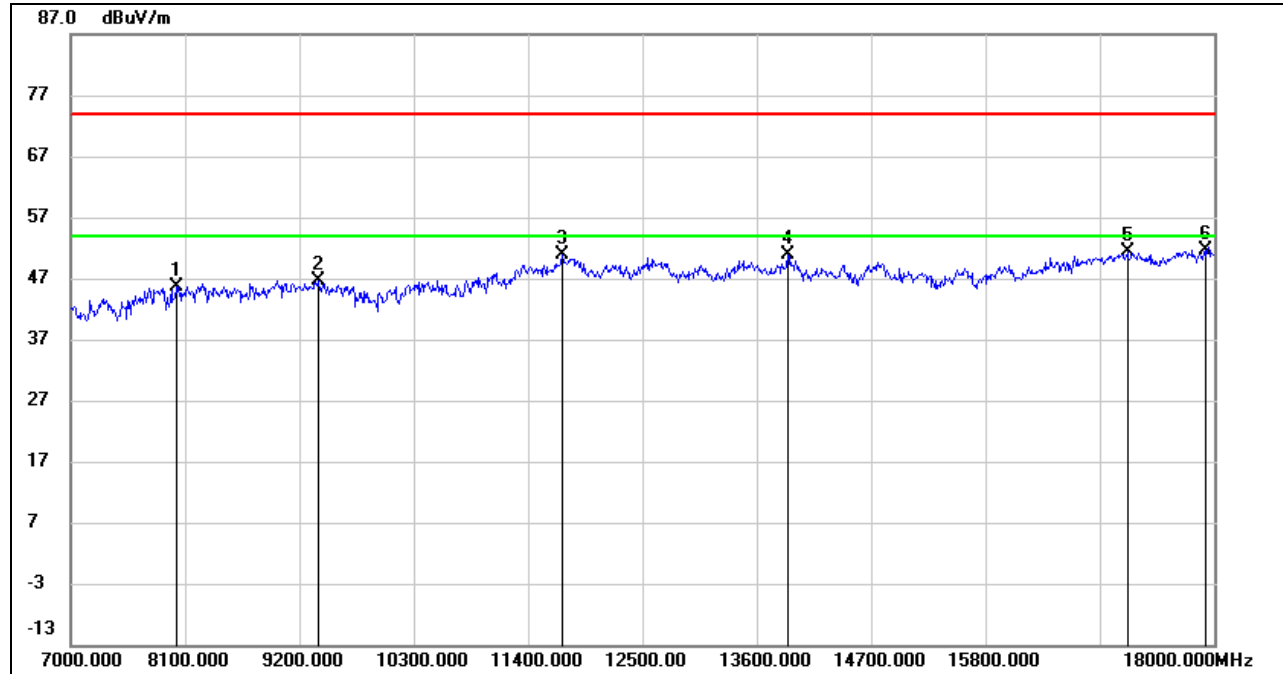
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8012.000	37.96	7.76	45.72	74.00	-28.28	peak
2	9376.000	36.36	10.19	46.55	74.00	-27.45	peak
3	11730.000	35.67	15.23	50.90	74.00	-23.10	peak
4	13897.000	33.88	16.90	50.78	74.00	-23.22	peak
5	17164.000	30.57	20.89	51.46	74.00	-22.54	peak
6	17912.000	28.87	22.69	51.56	74.00	-22.44	peak

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

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

3. Peak: Peak detector.

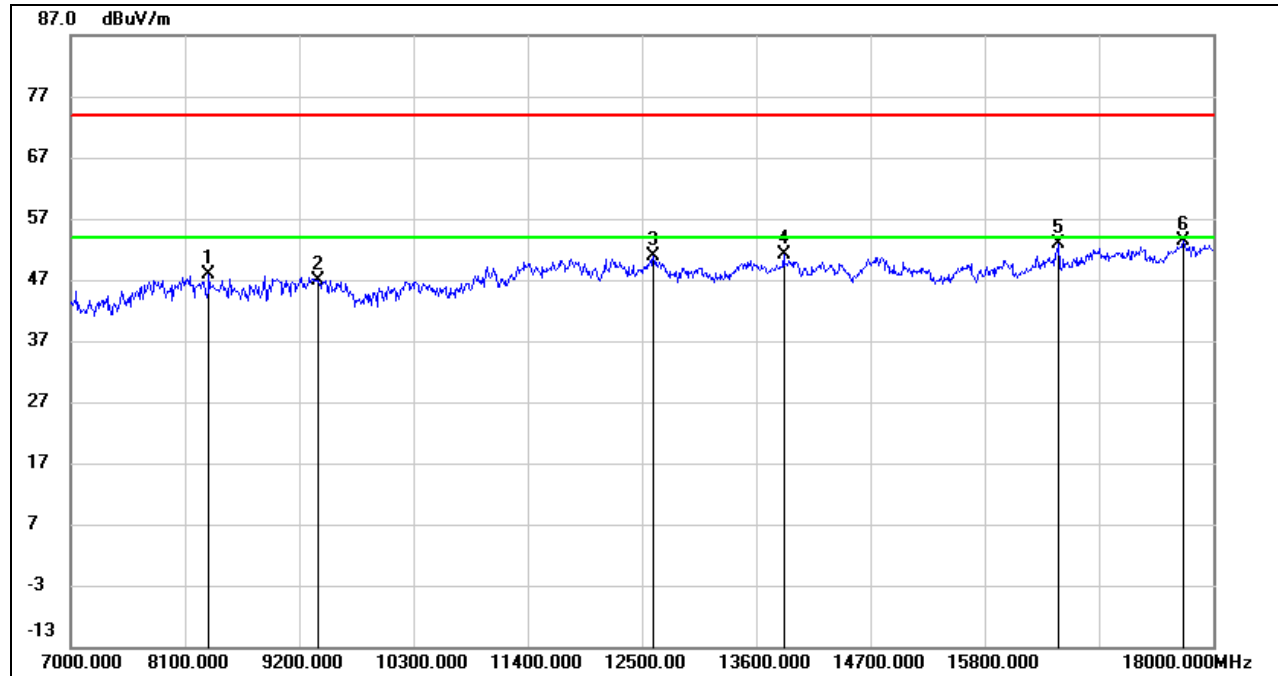
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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	8331.000	38.34	9.58	47.92	74.00	-26.08	peak
2	9387.000	36.11	10.89	47.00	74.00	-27.00	peak
3	12610.000	35.03	15.76	50.79	74.00	-23.21	peak
4	13864.000	33.68	17.55	51.23	74.00	-22.77	peak
5	16515.000	33.13	19.74	52.87	74.00	-21.13	peak
6	17714.000	29.74	23.55	53.29	74.00	-20.71	peak

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

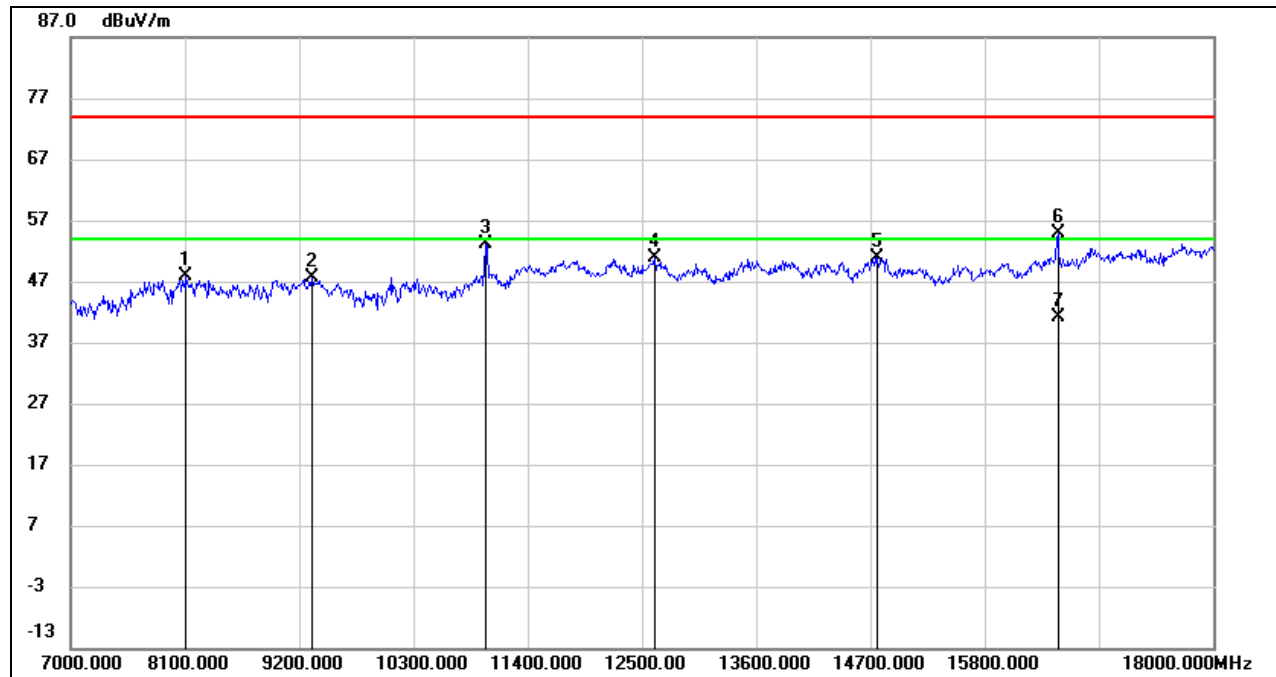
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8111.000	37.80	10.14	47.94	74.00	-26.06	peak
2	9321.000	37.07	10.52	47.59	74.00	-26.41	peak
3	10993.000	39.73	13.31	53.04	74.00	-20.96	peak
4	12621.000	35.04	15.75	50.79	74.00	-23.21	peak
5	14766.000	33.04	17.92	50.96	74.00	-23.04	peak
6	16504.000	35.12	19.70	54.82	74.00	-19.18	peak
7	16504.000	21.55	19.70	41.25	54.00	-12.75	AVG

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

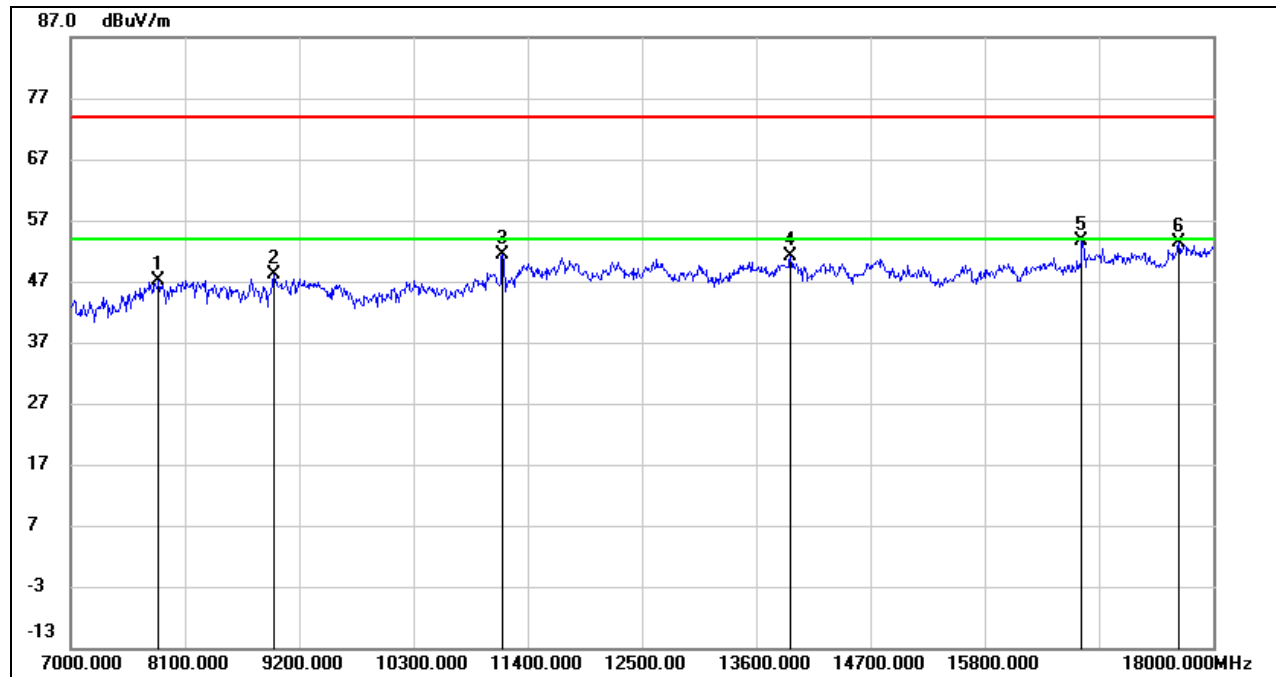
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	37.94	9.12	47.06	74.00	-26.94	peak
2	8958.000	37.62	10.48	48.10	74.00	-25.90	peak
3	11158.000	37.66	13.79	51.45	74.00	-22.55	peak
4	13930.000	33.68	17.57	51.25	74.00	-22.75	peak
5	16735.000	33.38	20.21	53.59	74.00	-20.41	peak
6	17670.000	30.23	23.24	53.47	74.00	-20.53	peak

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

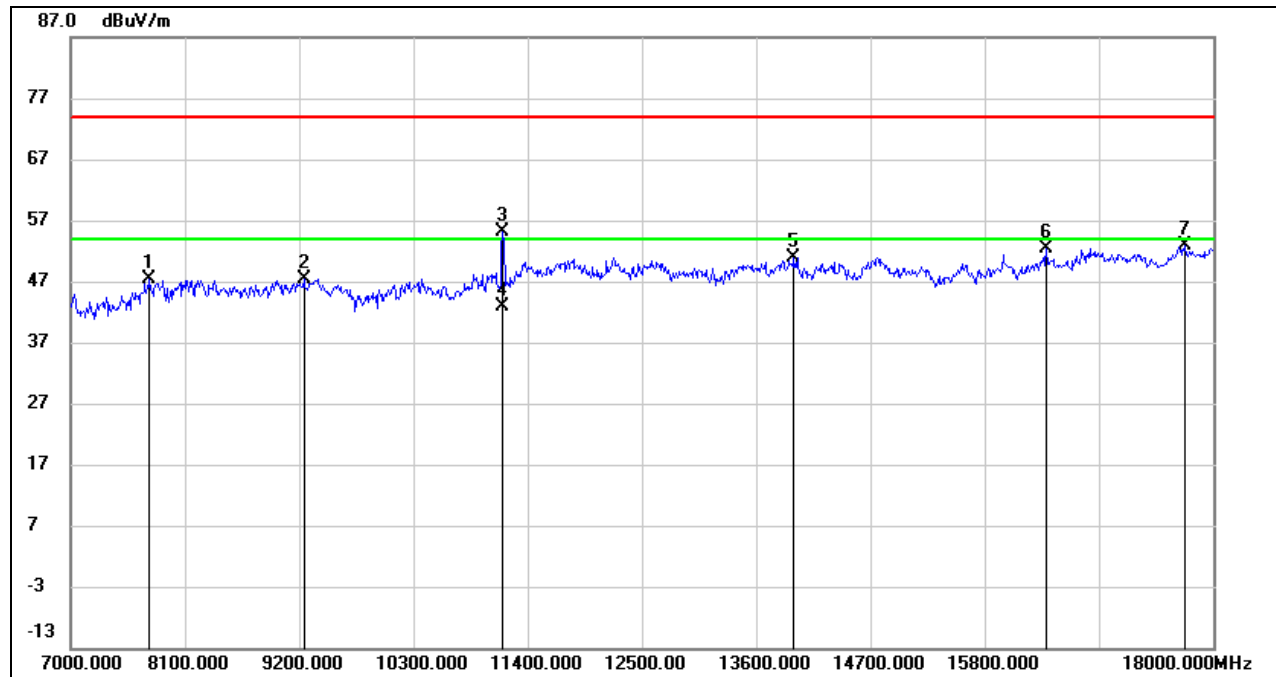
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	7759.000	38.37	8.98	47.35	74.00	-26.65	peak
2	9244.000	37.38	10.12	47.50	74.00	-26.50	peak
3	11158.000	41.31	13.79	55.10	74.00	-18.90	peak
4	11158.000	29.02	13.79	42.81	54.00	-11.19	AVG
5	13963.000	33.34	17.61	50.95	74.00	-23.05	peak
6	16394.000	32.66	19.67	52.33	74.00	-21.67	peak
7	17725.000	29.27	23.61	52.88	74.00	-21.12	peak

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

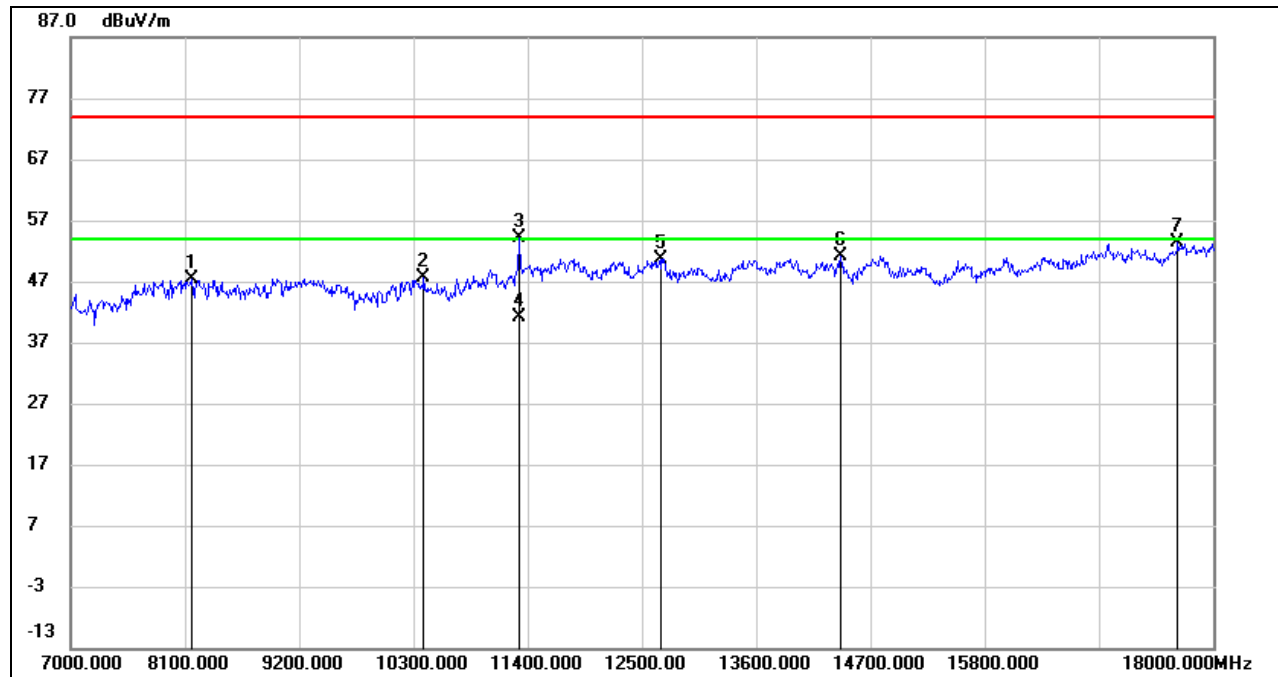
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8166.000	37.50	9.94	47.44	74.00	-26.56	peak
2	10399.000	35.33	12.23	47.56	74.00	-26.44	peak
3	11312.000	40.30	13.95	54.25	74.00	-19.75	peak
4	11312.000	27.27	13.95	41.22	54.00	-12.78	AVG
5	12676.000	35.05	15.66	50.71	74.00	-23.29	peak
6	14414.000	33.72	17.36	51.08	74.00	-22.92	peak
7	17659.000	30.25	23.17	53.42	74.00	-20.58	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.

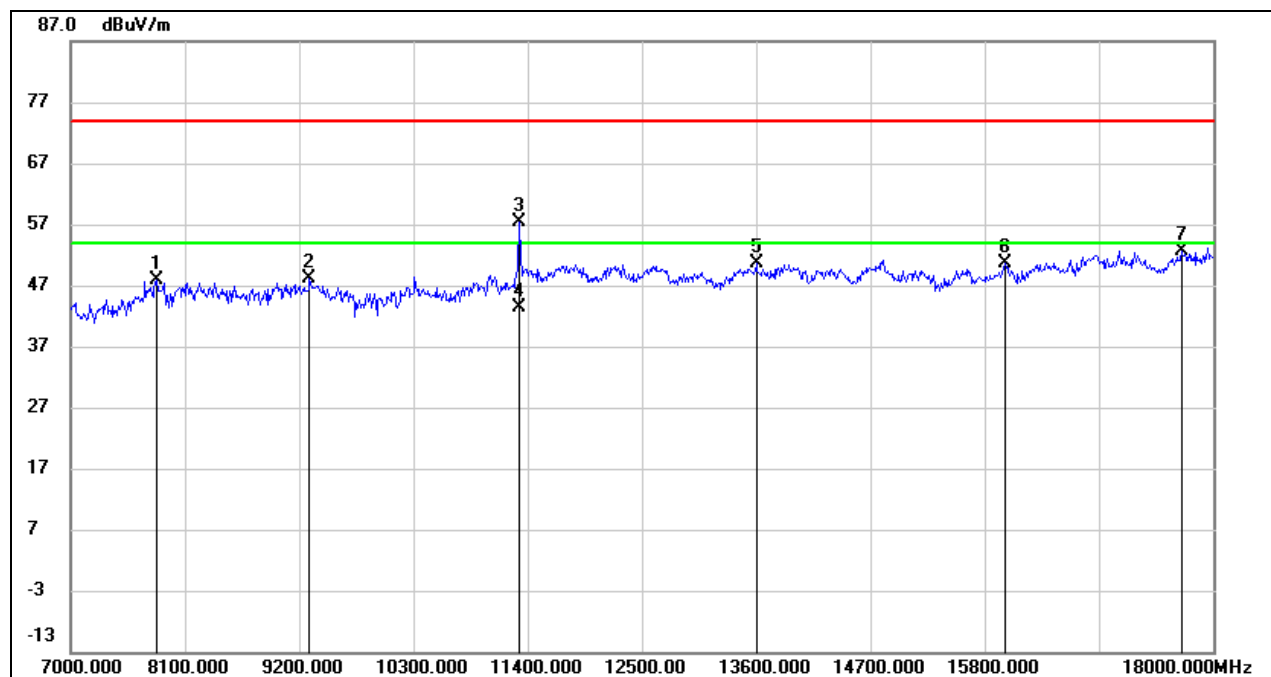
3. Peak: Peak detector.

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	7825.000	38.60	9.23	47.83	74.00	-26.17	peak
2	9299.000	37.74	10.40	48.14	74.00	-25.86	peak
3	11312.000	43.46	13.95	57.41	74.00	-16.59	peak
4	11312.000	29.50	13.95	43.45	54.00	-10.55	AVG
5	13600.000	33.41	17.10	50.51	74.00	-23.49	peak
6	15998.000	32.22	18.42	50.64	74.00	-23.36	peak
7	17692.000	29.24	23.41	52.65	74.00	-21.35	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.

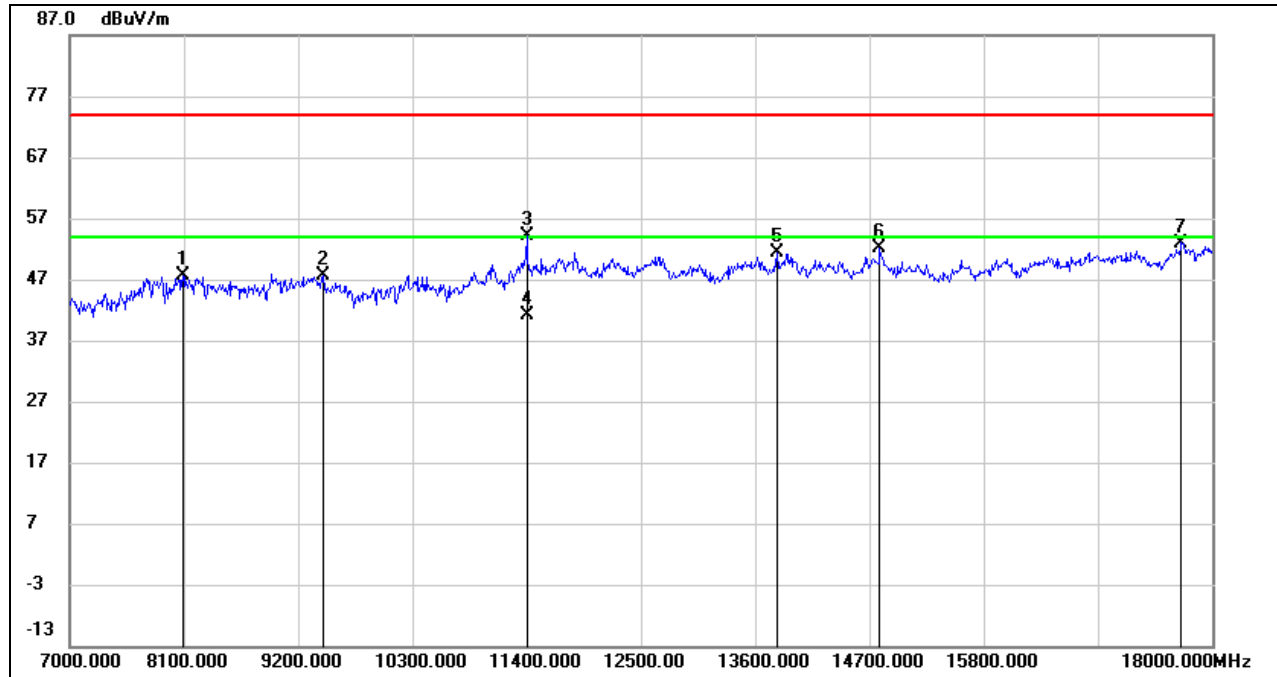
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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	8089.000	37.65	10.01	47.66	74.00	-26.34	peak
2	9442.000	36.73	10.78	47.51	74.00	-26.49	peak
3	11400.000	39.46	14.76	54.22	74.00	-19.78	peak
4	11400.000	26.49	14.76	41.25	54.00	-12.75	AVG
5	13809.000	33.66	17.60	51.26	74.00	-22.74	peak
6	14799.000	34.01	18.04	52.05	74.00	-21.95	peak
7	17703.000	29.51	23.49	53.00	74.00	-21.00	peak

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

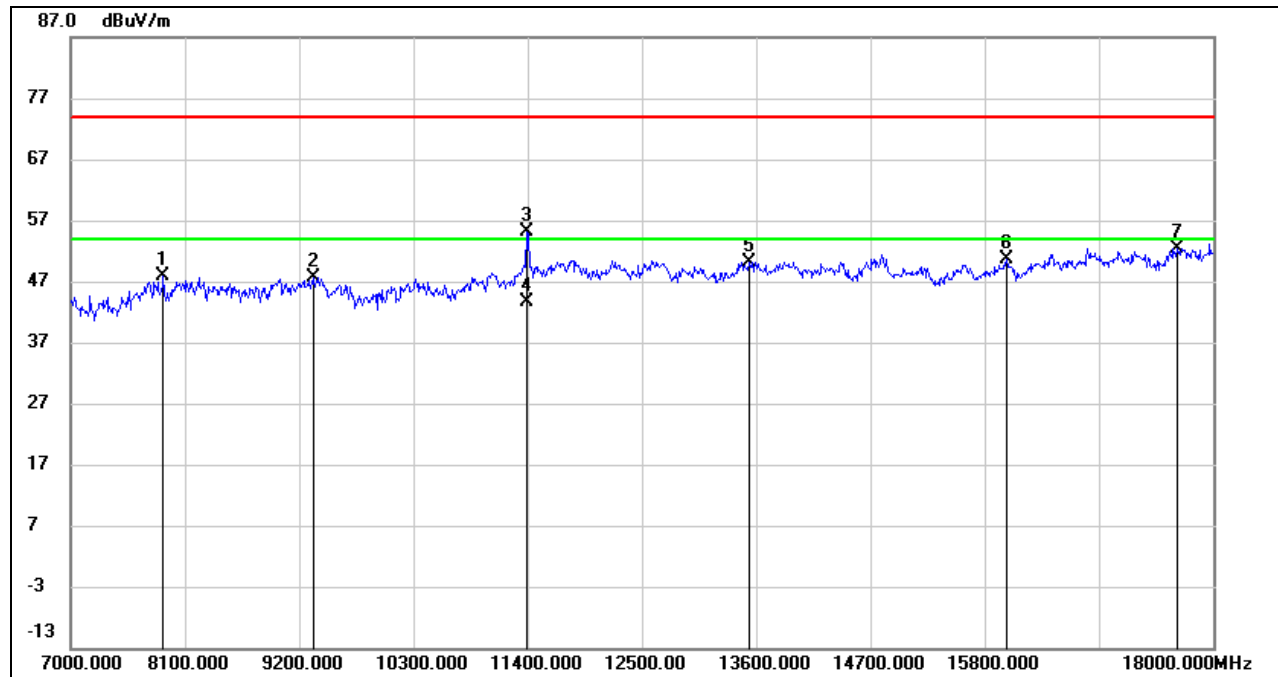
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	7891.000	39.09	8.90	47.99	74.00	-26.01	peak
2	9332.000	37.04	10.59	47.63	74.00	-26.37	peak
3	11389.000	40.43	14.66	55.09	74.00	-18.91	peak
4	11389.000	28.85	14.66	43.51	54.00	-10.49	AVG
5	13534.000	33.04	17.18	50.22	74.00	-23.78	peak
6	16009.000	32.34	18.41	50.75	74.00	-23.25	peak
7	17659.000	29.21	23.17	52.38	74.00	-21.62	peak

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

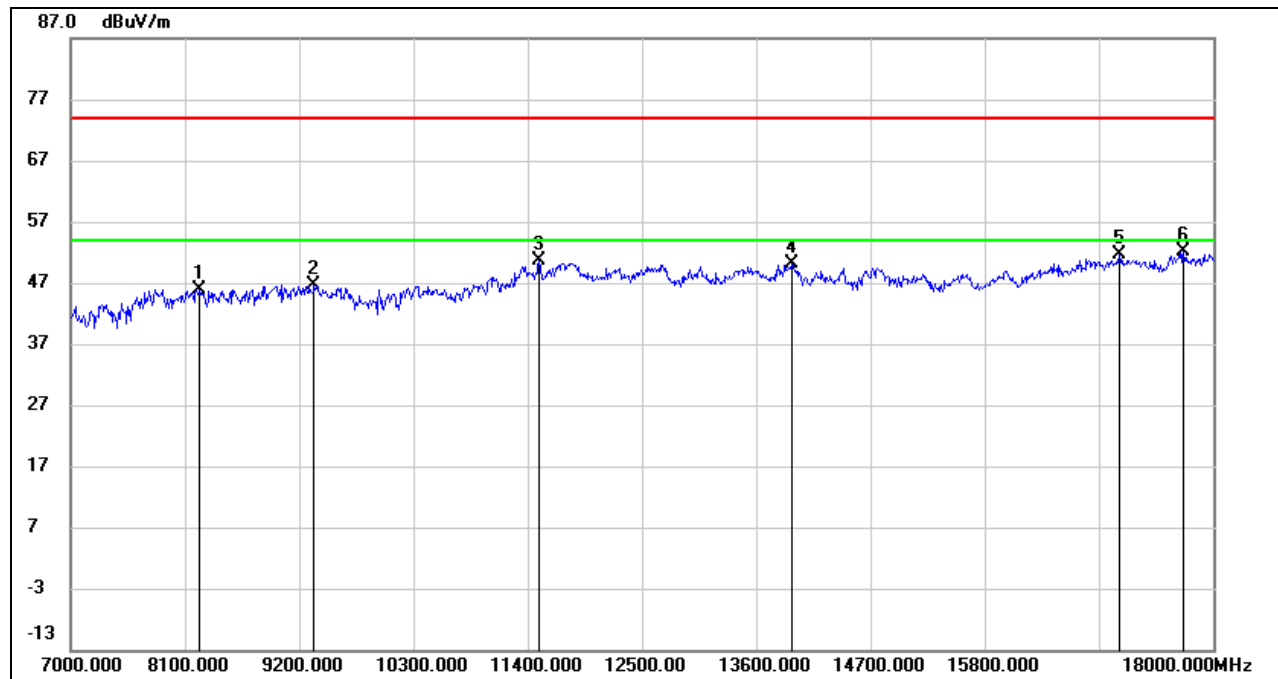
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8243.000	36.76	9.19	45.95	74.00	-28.05	peak
2	9343.000	36.69	10.02	46.71	74.00	-27.29	peak
3	11510.000	36.22	14.37	50.59	74.00	-23.41	peak
4	13941.000	33.26	16.88	50.14	74.00	-23.86	peak
5	17098.000	30.96	20.63	51.59	74.00	-22.41	peak
6	17714.000	30.04	22.04	52.08	74.00	-21.92	peak

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

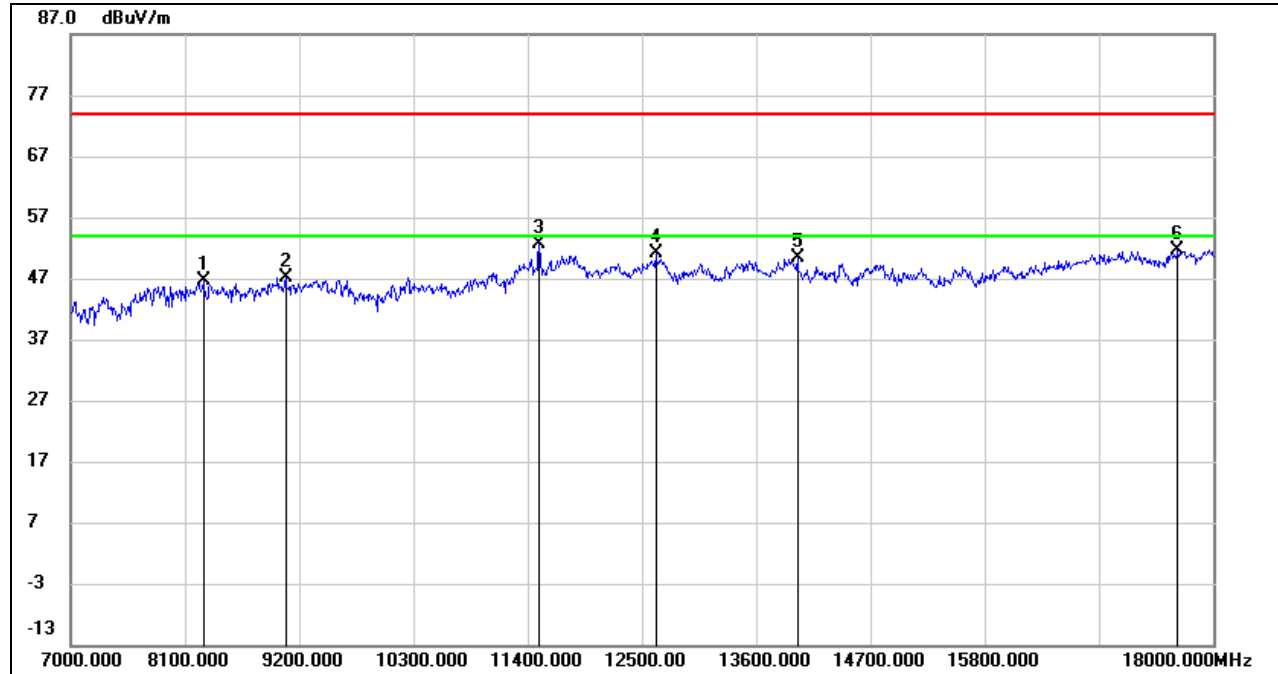
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	37.60	9.06	46.66	74.00	-27.34	peak
2	9068.000	36.99	10.17	47.16	74.00	-26.84	peak
3	11510.000	38.37	14.37	52.74	74.00	-21.26	peak
4	12632.000	35.90	15.35	51.25	74.00	-22.75	peak
5	13996.000	33.42	16.85	50.27	74.00	-23.73	peak
6	17659.000	30.09	21.63	51.72	74.00	-22.28	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.

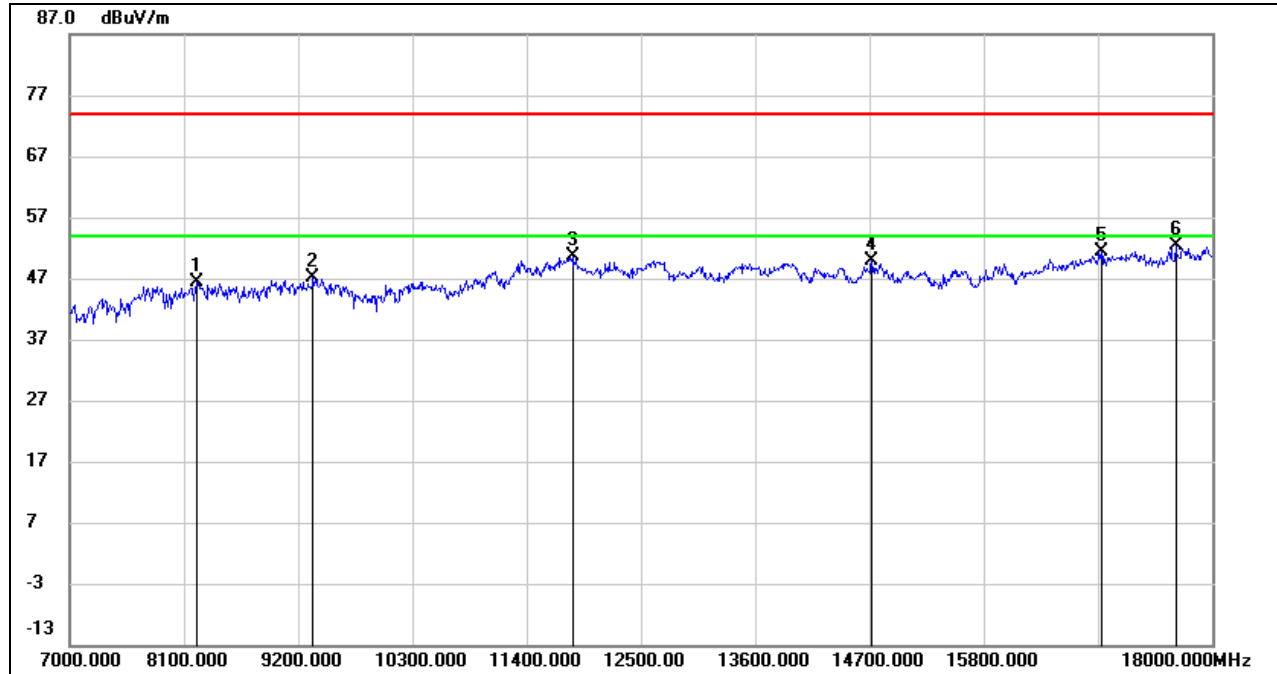
3. Peak: Peak detector.

4. 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	8221.000	37.01	9.28	46.29	74.00	-27.71	peak
2	9343.000	37.19	10.02	47.21	74.00	-26.79	peak
3	11840.000	35.16	15.56	50.72	74.00	-23.28	peak
4	14722.000	33.17	16.67	49.84	74.00	-24.16	peak
5	16933.000	31.27	20.07	51.34	74.00	-22.66	peak
6	17648.000	30.83	21.54	52.37	74.00	-21.63	peak

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

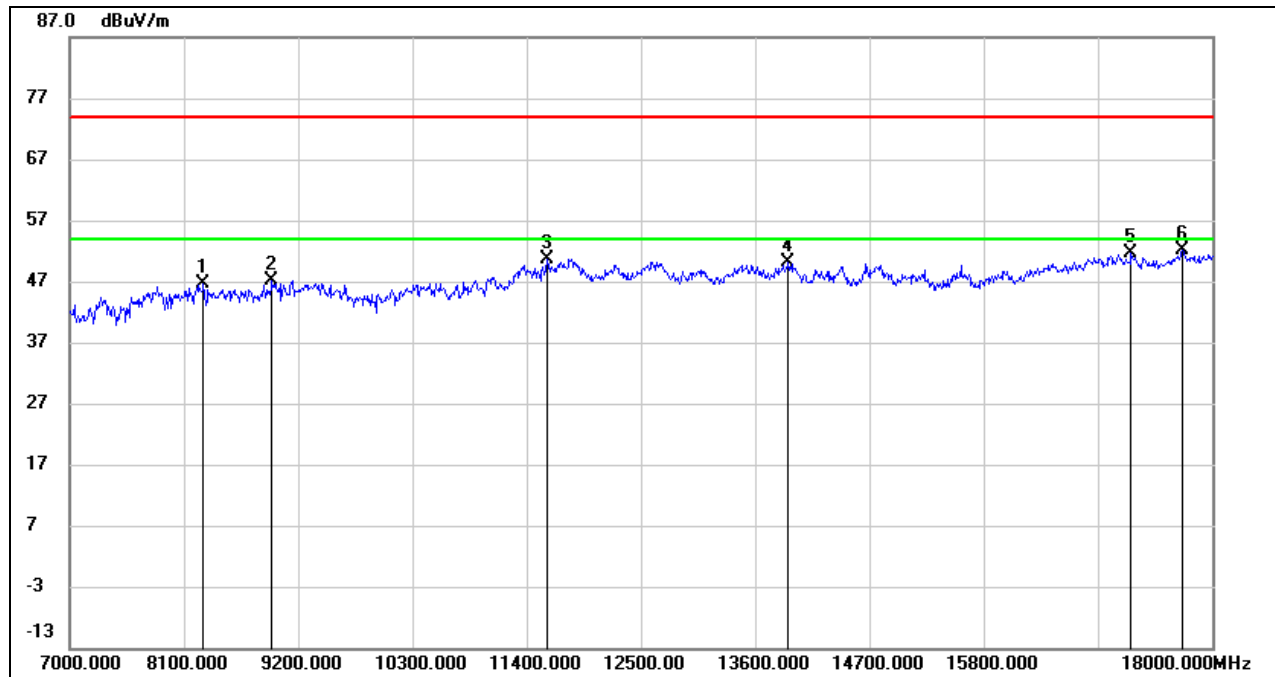
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. 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	8287.000	37.67	9.02	46.69	74.00	-27.31	peak
2	8947.000	37.16	10.07	47.23	74.00	-26.77	peak
3	11598.000	36.22	14.51	50.73	74.00	-23.27	peak
4	13919.000	33.12	16.89	50.01	74.00	-23.99	peak
5	17219.000	30.68	21.01	51.69	74.00	-22.31	peak
6	17714.000	30.05	22.04	52.09	74.00	-21.91	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.

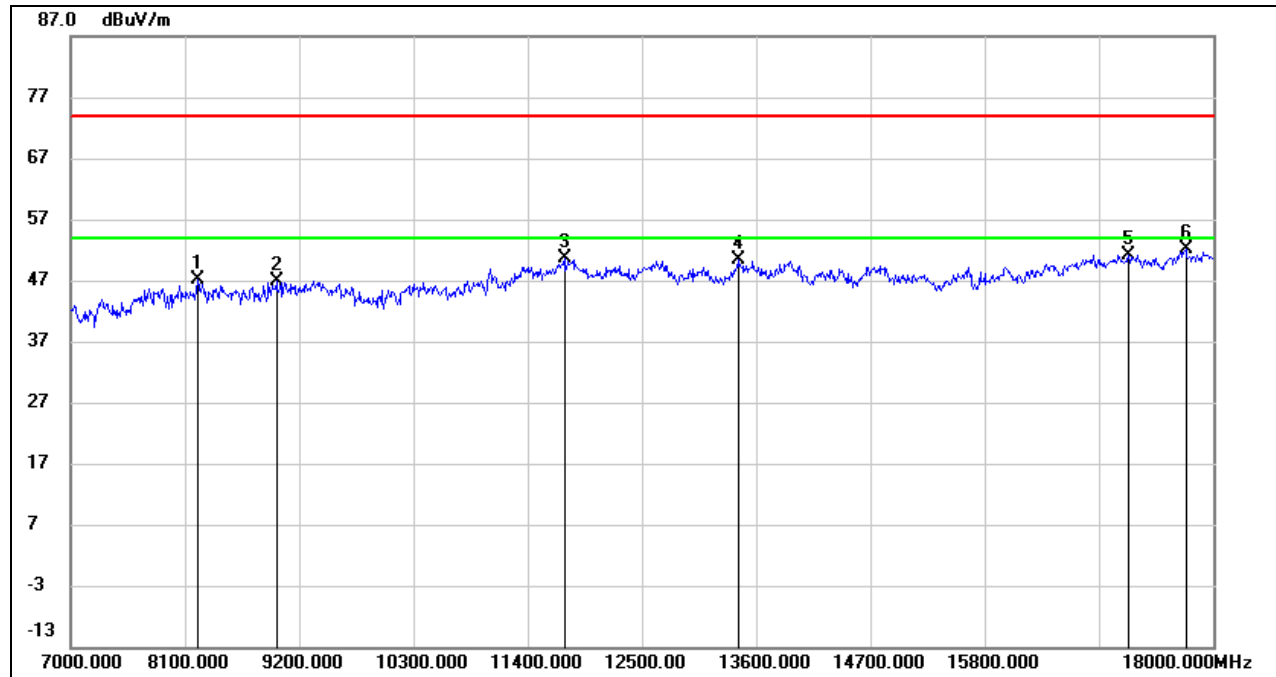
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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

8.3.4. 802.11ac VHT80 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	8221.000	37.75	9.28	47.03	74.00	-26.97	peak
2	8980.000	36.56	10.41	46.97	74.00	-27.03	peak
3	11752.000	35.40	15.35	50.75	74.00	-23.25	peak
4	13424.000	34.06	16.33	50.39	74.00	-23.61	peak
5	17186.000	30.25	20.98	51.23	74.00	-22.77	peak
6	17736.000	29.81	22.22	52.03	74.00	-21.97	peak

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

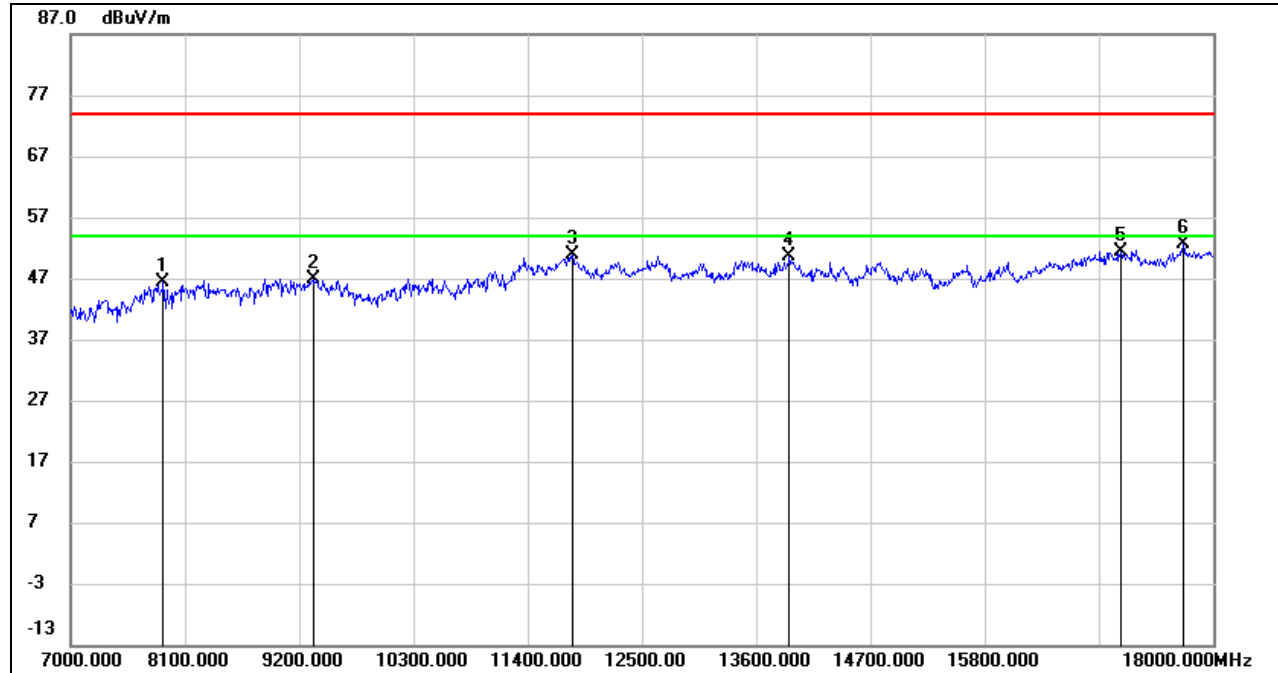
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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.

**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	7891.000	38.48	7.98	46.46	74.00	-27.54	peak
2	9332.000	37.00	9.97	46.97	74.00	-27.03	peak
3	11829.000	35.42	15.57	50.99	74.00	-23.01	peak
4	13919.000	33.86	16.89	50.75	74.00	-23.25	peak
5	17109.000	30.72	20.67	51.39	74.00	-22.61	peak
6	17714.000	30.50	22.04	52.54	74.00	-21.46	peak

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

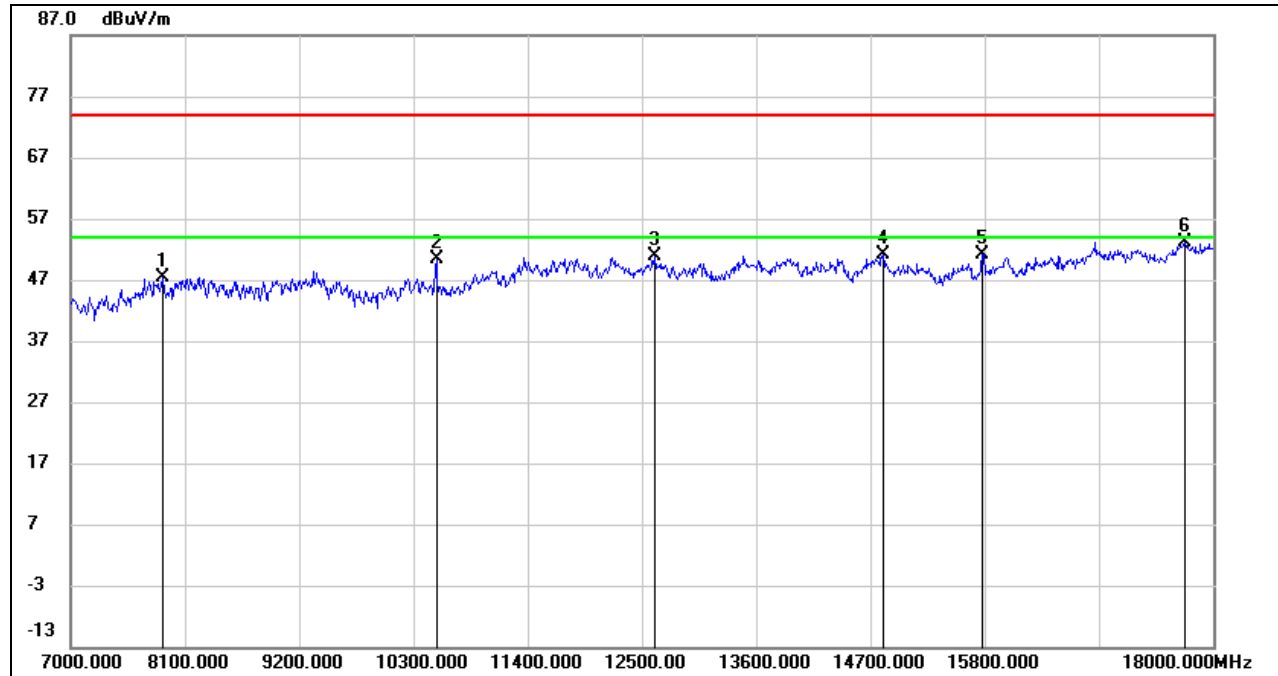
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	7891.000	38.58	8.90	47.48	74.00	-26.52	peak
2	10520.000	37.94	12.43	50.37	74.00	-23.63	peak
3	12621.000	35.09	15.75	50.84	74.00	-23.16	peak
4	14821.000	33.24	17.90	51.14	74.00	-22.86	peak
5	15778.000	33.23	17.96	51.19	74.00	-22.81	peak
6	17725.000	29.44	23.61	53.05	74.00	-20.95	peak

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

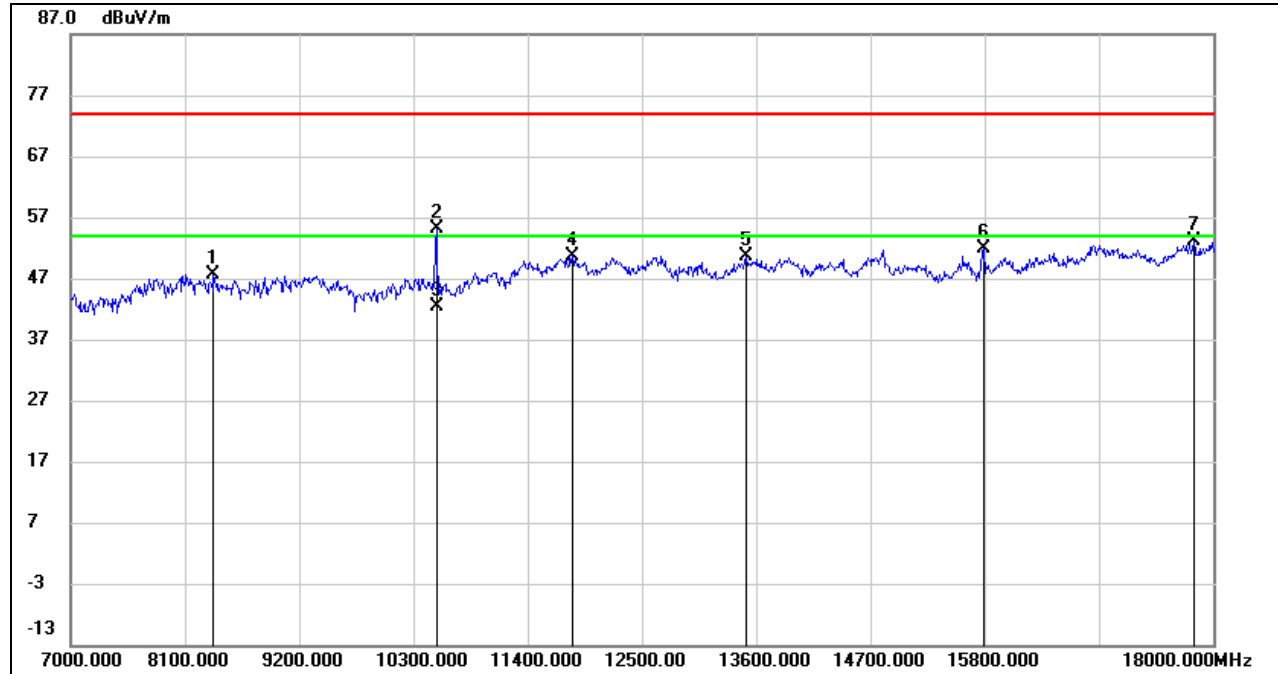
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8375.000	38.10	9.42	47.52	74.00	-26.48	peak
2	10520.000	42.78	12.43	55.21	74.00	-18.79	peak
3	10520.000	29.88	12.43	42.31	54.00	-11.69	AVG
4	11829.000	35.26	15.32	50.58	74.00	-23.42	peak
5	13501.000	33.46	17.22	50.68	74.00	-23.32	peak
6	15789.000	33.90	17.97	51.87	74.00	-22.13	peak
7	17813.000	29.05	24.03	53.08	74.00	-20.92	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.

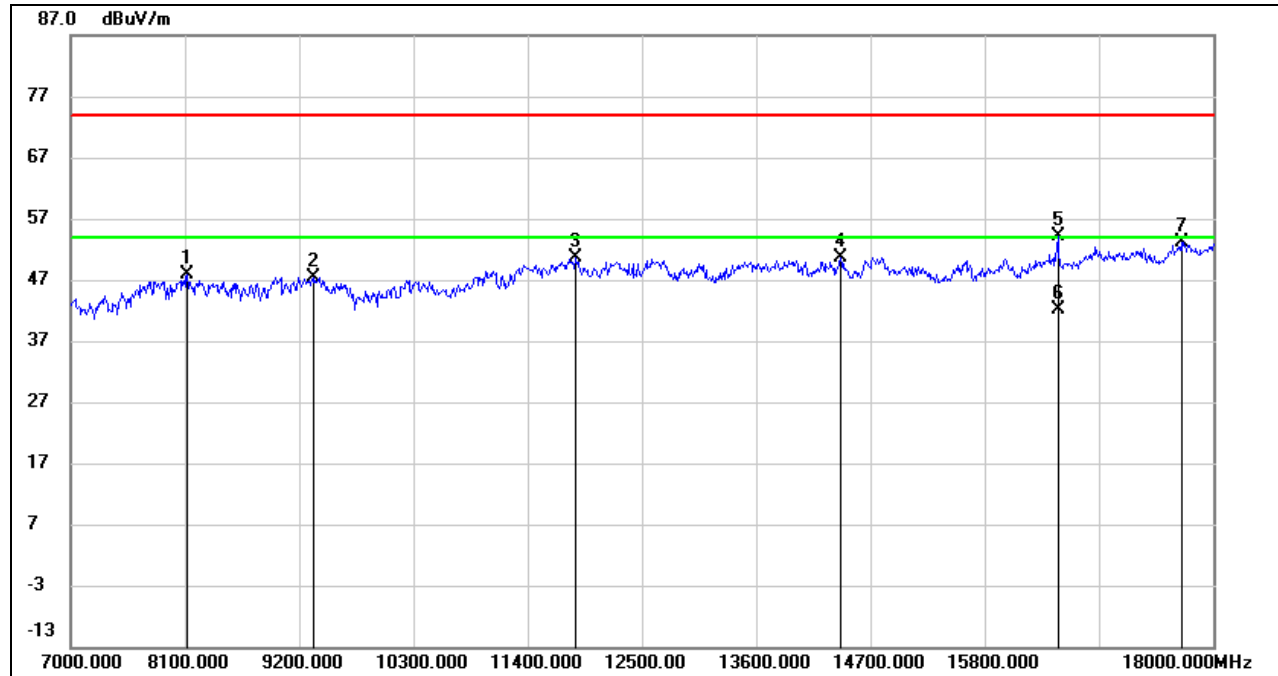
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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	8122.000	37.90	10.10	48.00	74.00	-26.00	peak
2	9343.000	36.83	10.64	47.47	74.00	-26.53	peak
3	11862.000	35.13	15.41	50.54	74.00	-23.46	peak
4	14414.000	33.19	17.36	50.55	74.00	-23.45	peak
5	16504.000	34.49	19.70	54.19	74.00	-19.81	peak
6	16504.000	22.53	19.70	42.23	54.00	-11.77	AVG
7	17692.000	29.81	23.41	53.22	74.00	-20.78	peak

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

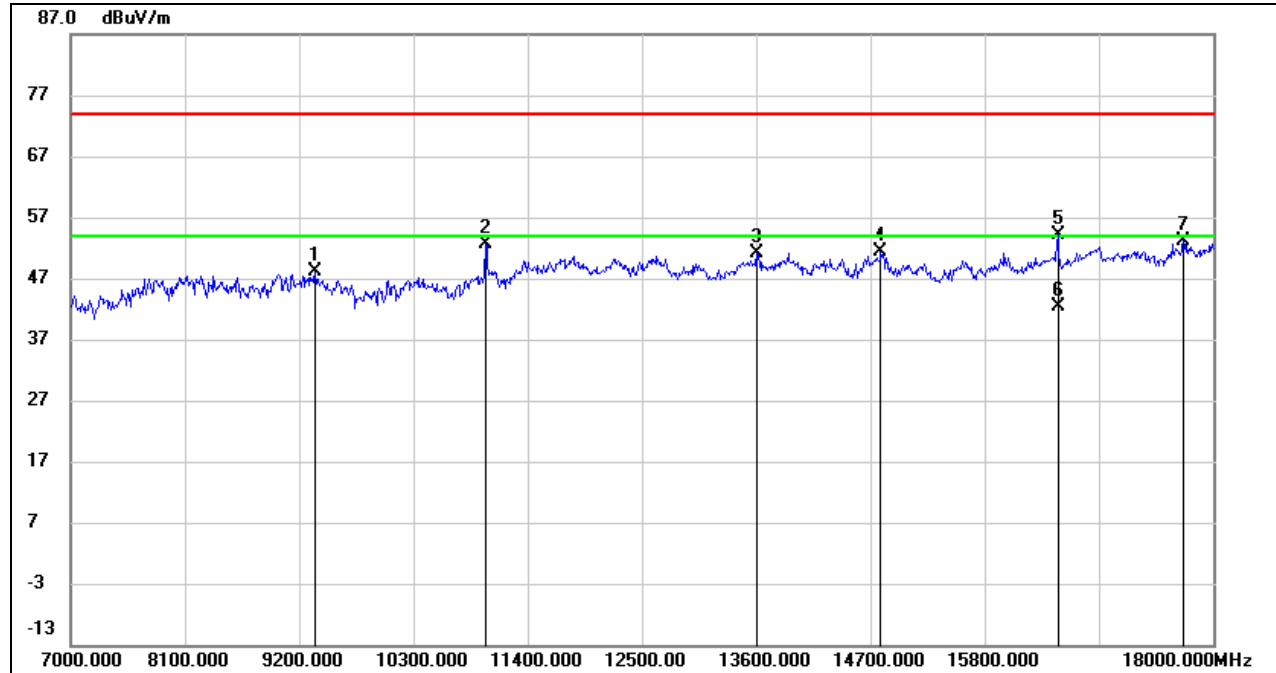
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	9354.000	37.50	10.70	48.20	74.00	-25.80	peak
2	10993.000	39.20	13.31	52.51	74.00	-21.49	peak
3	13600.000	34.00	17.10	51.10	74.00	-22.90	peak
4	14799.000	33.23	18.04	51.27	74.00	-22.73	peak
5	16504.000	34.36	19.70	54.06	74.00	-19.94	peak
6	16504.000	22.65	19.70	42.35	54.00	-11.65	AVG
7	17714.000	29.70	23.55	53.25	74.00	-20.75	peak

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

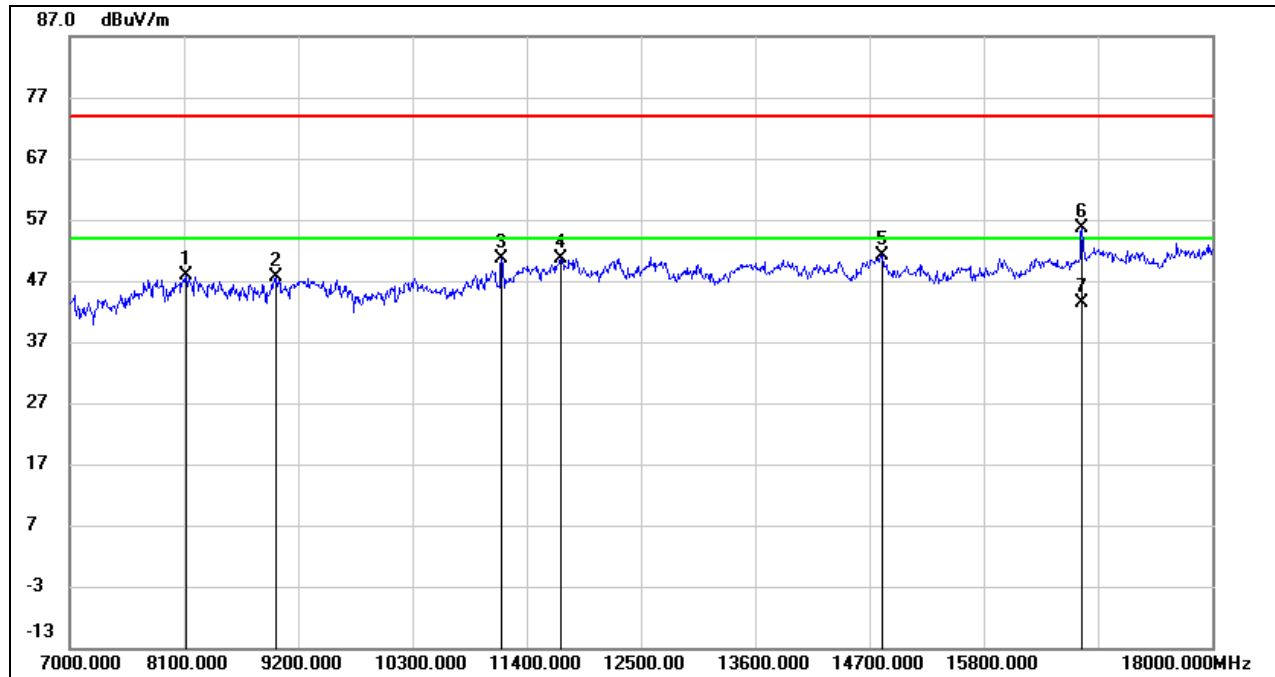
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.84	10.10	47.94	74.00	-26.06	peak
2	8991.000	36.45	11.10	47.55	74.00	-26.45	peak
3	11158.000	36.72	13.79	50.51	74.00	-23.49	peak
4	11730.000	35.41	15.32	50.73	74.00	-23.27	peak
5	14821.000	33.23	17.90	51.13	74.00	-22.87	peak
6	16746.000	35.24	20.29	55.53	74.00	-18.47	peak
7	16746.000	23.06	20.29	43.35	54.00	-10.65	AVG

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

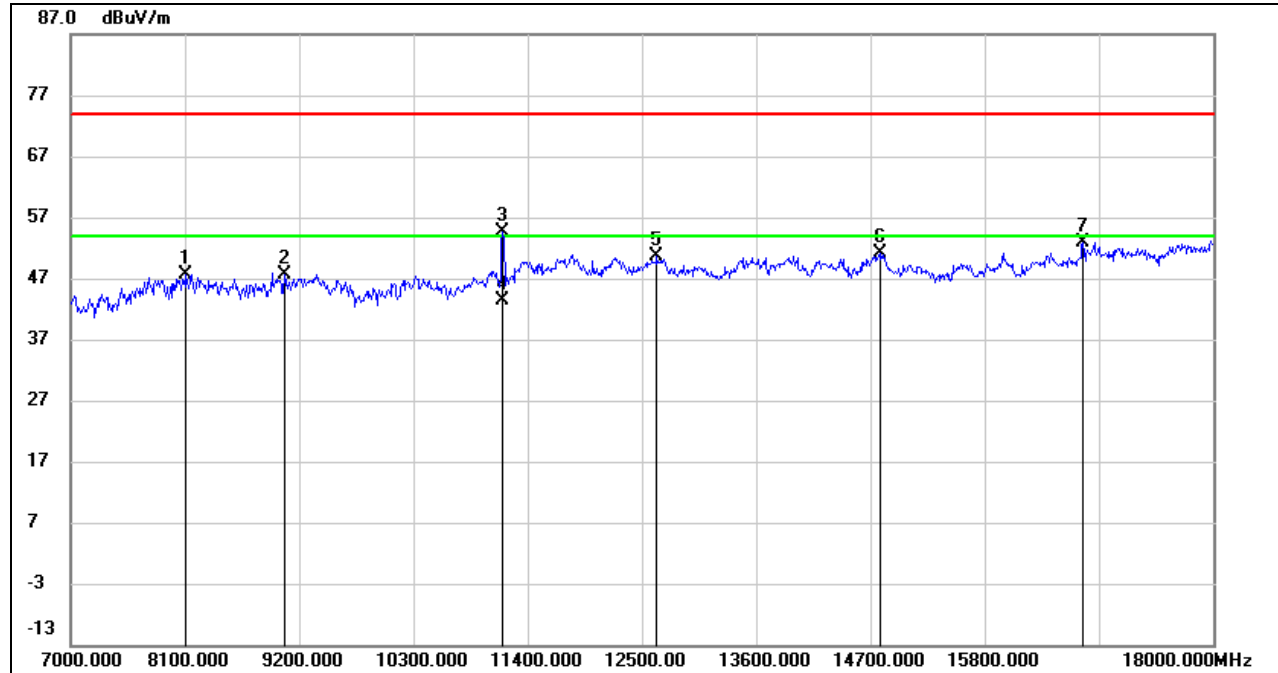
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	8111.000	37.57	10.14	47.71	74.00	-26.29	peak
2	9057.000	37.01	10.64	47.65	74.00	-26.35	peak
3	11158.000	40.91	13.79	54.70	74.00	-19.30	peak
4	11158.000	29.47	13.79	43.26	54.00	-10.74	AVG
5	12643.000	34.95	15.71	50.66	74.00	-23.34	peak
6	14799.000	33.01	18.04	51.05	74.00	-22.95	peak
7	16746.000	32.62	20.29	52.91	74.00	-21.09	peak

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

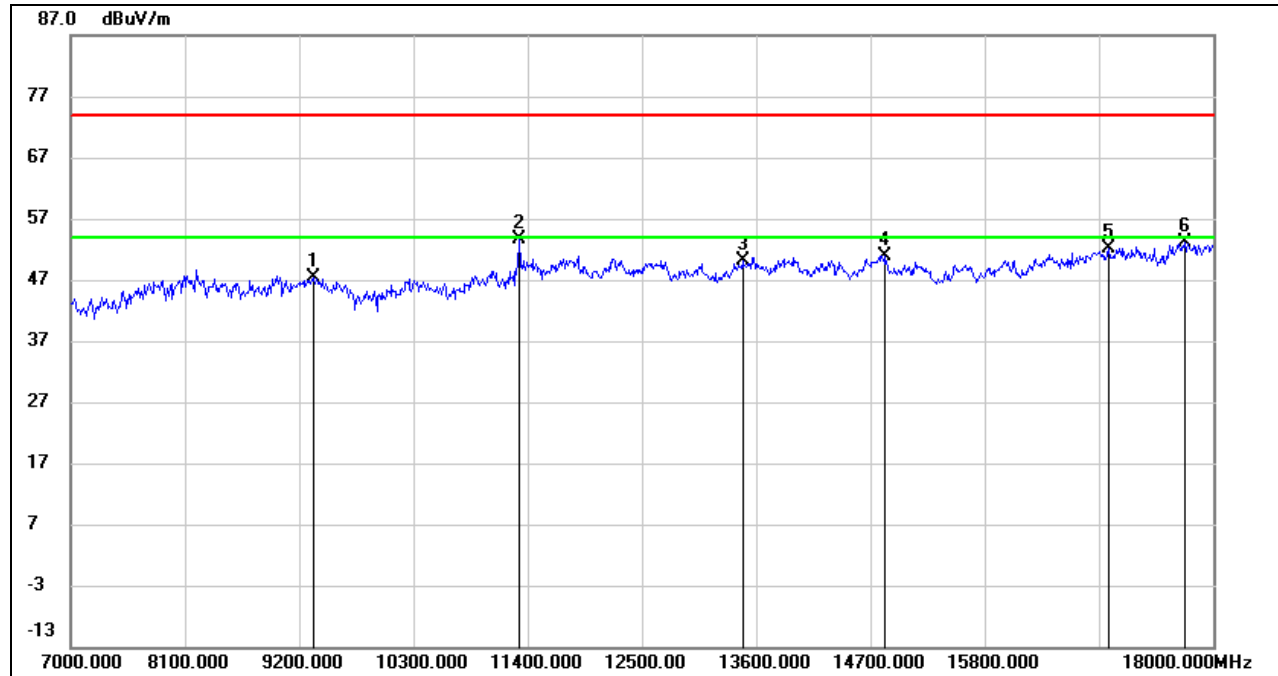
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. 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 (HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	36.70	10.64	47.34	74.00	-26.66	peak
2	11323.000	39.48	14.06	53.54	74.00	-20.46	peak
3	13468.000	33.09	17.15	50.24	74.00	-23.76	peak
4	14832.000	33.04	17.83	50.87	74.00	-23.13	peak
5	16988.000	30.87	21.28	52.15	74.00	-21.85	peak
6	17725.000	29.55	23.61	53.16	74.00	-20.84	peak

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

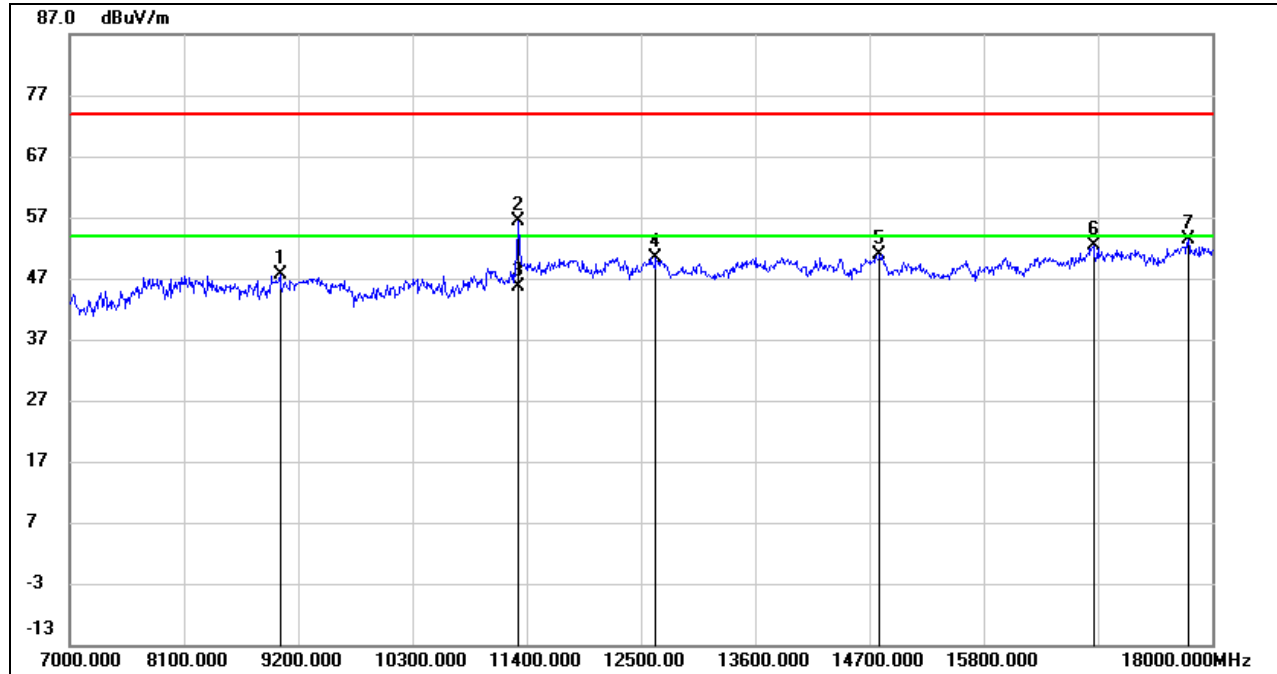
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	9024.000	36.50	11.01	47.51	74.00	-26.49	peak
2	11323.000	42.34	14.06	56.40	74.00	-17.60	peak
3	11323.000	31.69	14.06	45.75	54.00	-8.25	AVG
4	12643.000	34.69	15.71	50.40	74.00	-23.60	peak
5	14799.000	32.86	18.04	50.90	74.00	-23.10	peak
6	16856.000	31.16	21.19	52.35	74.00	-21.65	peak
7	17769.000	29.43	23.87	53.30	74.00	-20.70	peak

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

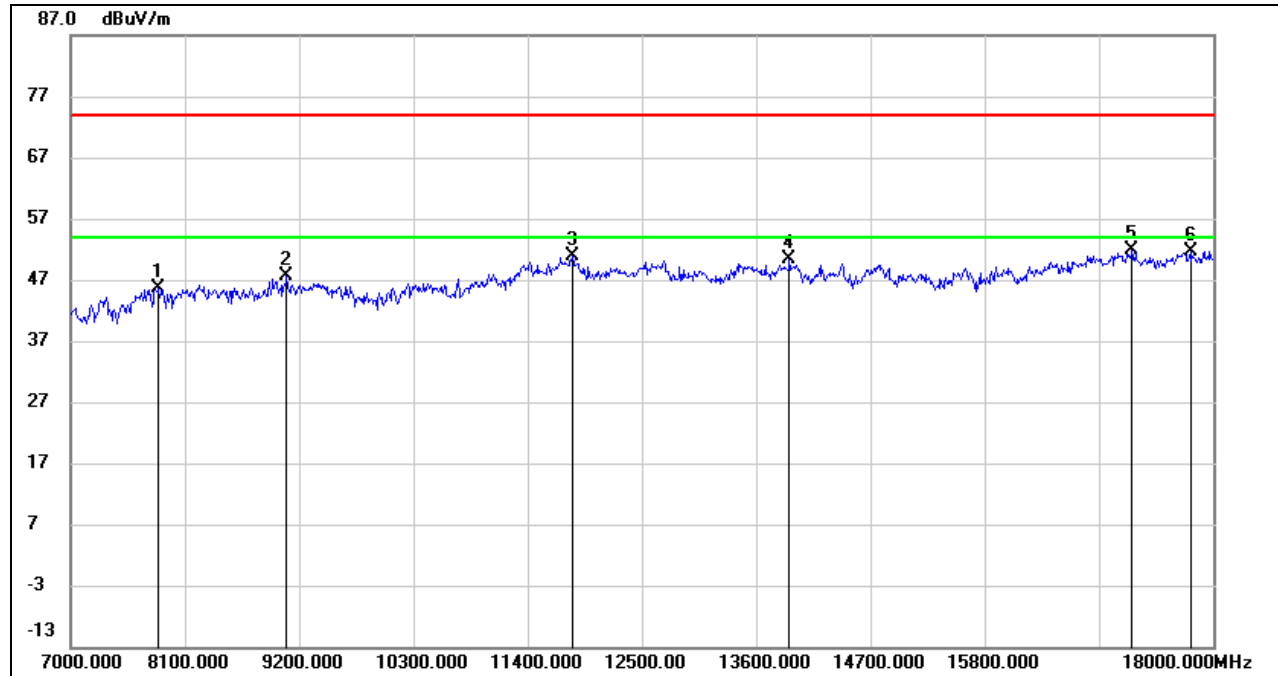
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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	7847.000	37.48	8.11	45.59	74.00	-28.41	peak
2	9079.000	37.42	10.10	47.52	74.00	-26.48	peak
3	11829.000	35.20	15.57	50.77	74.00	-23.23	peak
4	13919.000	33.47	16.89	50.36	74.00	-23.64	peak
5	17219.000	30.87	21.01	51.88	74.00	-22.12	peak
6	17780.000	29.07	22.57	51.64	74.00	-22.36	peak

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

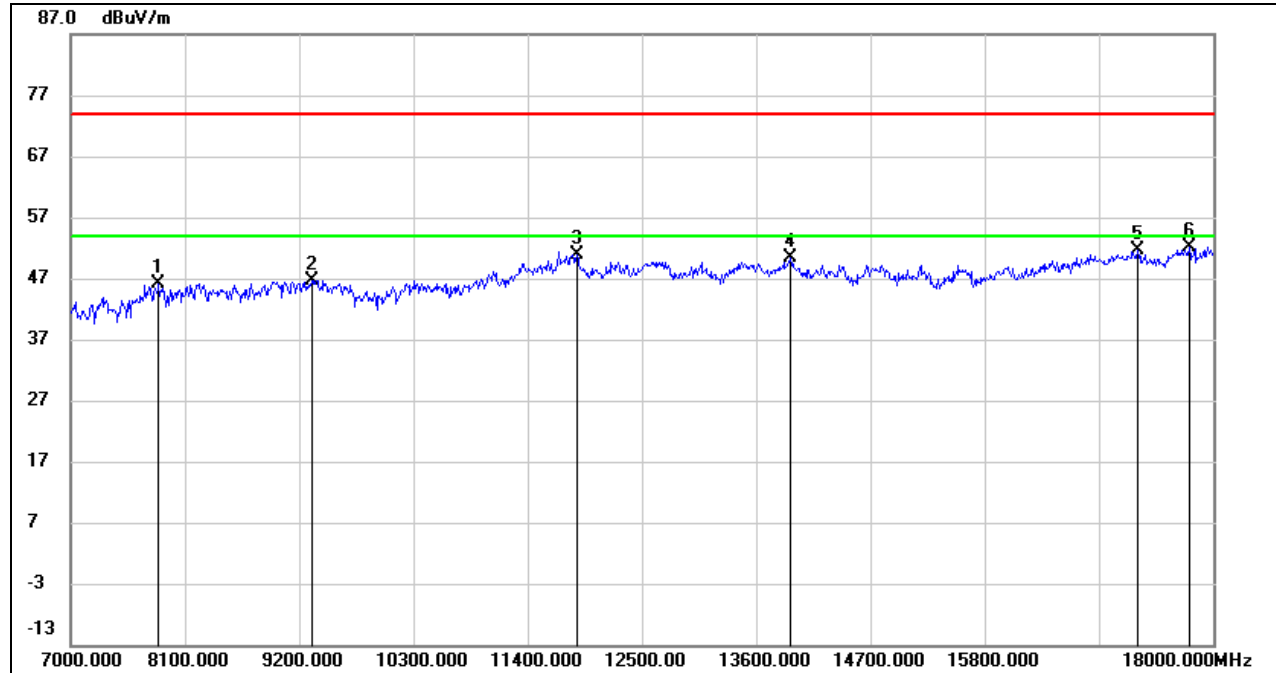
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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.

**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	7847.000	38.09	8.11	46.20	74.00	-27.80	peak
2	9321.000	36.81	9.91	46.72	74.00	-27.28	peak
3	11873.000	35.35	15.50	50.85	74.00	-23.15	peak
4	13930.000	33.48	16.89	50.37	74.00	-23.63	peak
5	17274.000	30.58	20.93	51.51	74.00	-22.49	peak
6	17769.000	29.68	22.48	52.16	74.00	-21.84	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.

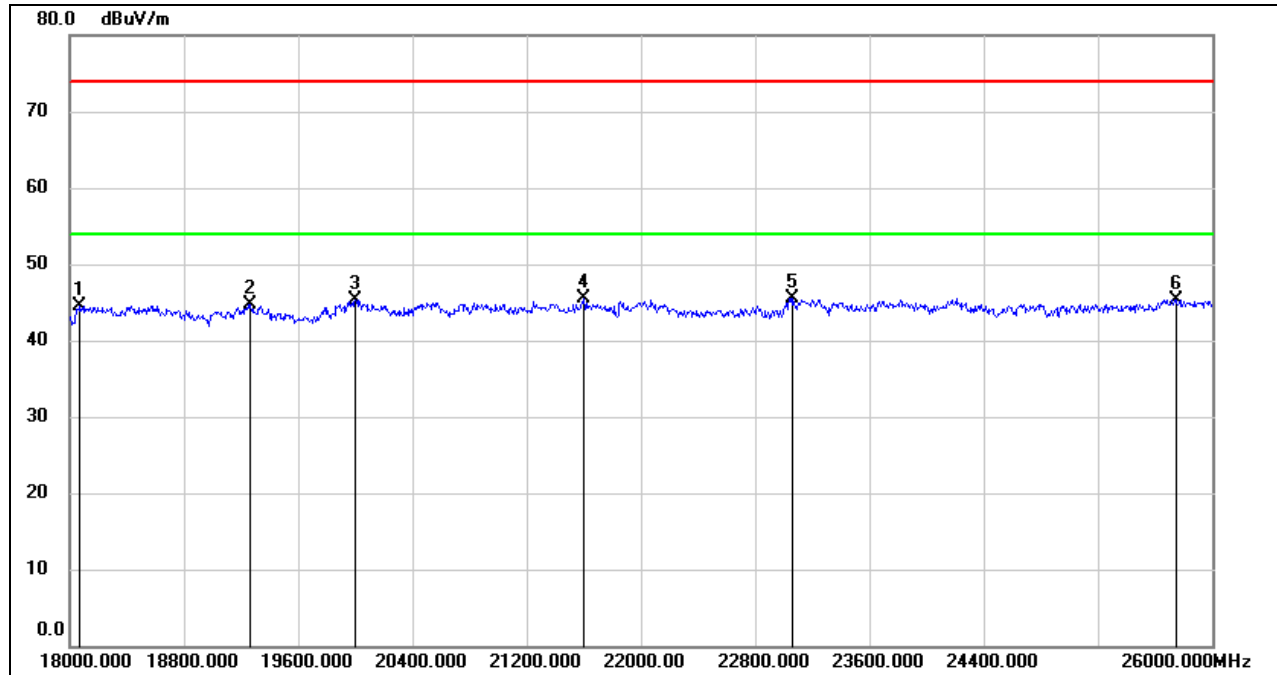
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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. 802.11 a MODE

SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

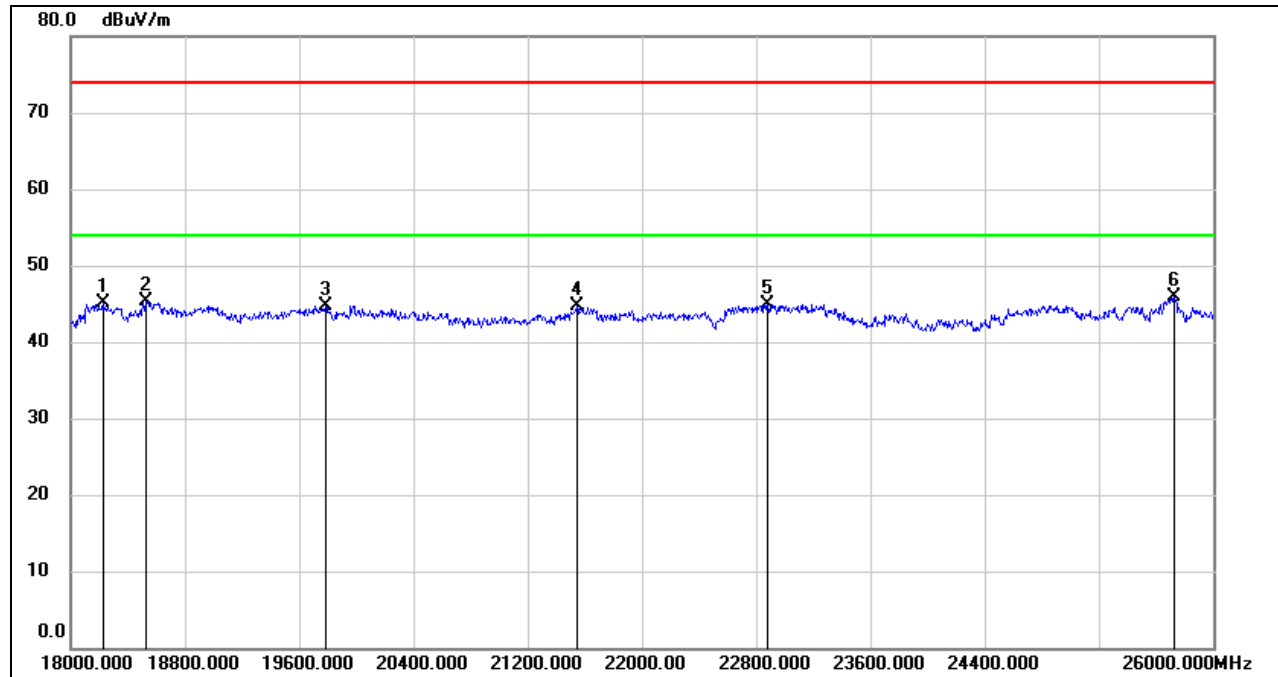


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18072.000	49.95	-5.43	44.52	74.00	-29.48	peak
2	19264.000	50.27	-5.57	44.70	74.00	-29.30	peak
3	20000.000	50.81	-5.45	45.36	74.00	-28.64	peak
4	21600.000	50.02	-4.54	45.48	74.00	-28.52	peak
5	23064.000	48.99	-3.42	45.57	74.00	-28.43	peak
6	25744.000	46.00	-0.64	45.36	74.00	-28.64	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-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18224.000	50.58	-5.53	45.05	74.00	-28.95	peak
2	18528.000	50.61	-5.26	45.35	74.00	-28.65	peak
3	19784.000	50.07	-5.28	44.79	74.00	-29.21	peak
4	21544.000	49.26	-4.63	44.63	74.00	-29.37	peak
5	22880.000	48.44	-3.56	44.88	74.00	-29.12	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.

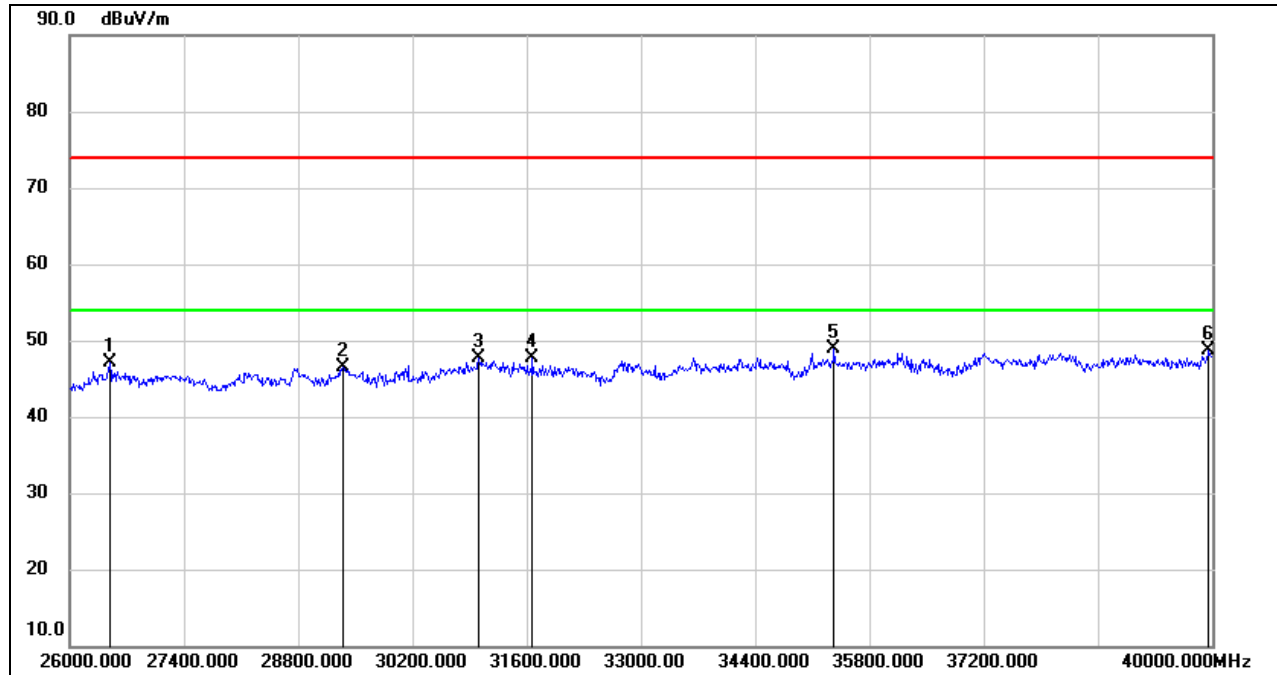
3. Peak: Peak detector.

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

8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 802.11 a MODE

SPURIOUS EMISSIONS (UNII-2C BAND LOW 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	29346.000	47.38	-0.91	46.47	74.00	-27.53	peak
3	31012.000	48.33	-0.71	47.62	74.00	-26.38	peak
4	31670.000	48.86	-1.21	47.65	74.00	-26.35	peak
5	35366.000	46.40	2.59	48.99	74.00	-25.01	peak
6	39958.000	43.58	5.12	48.70	74.00	-25.30	peak

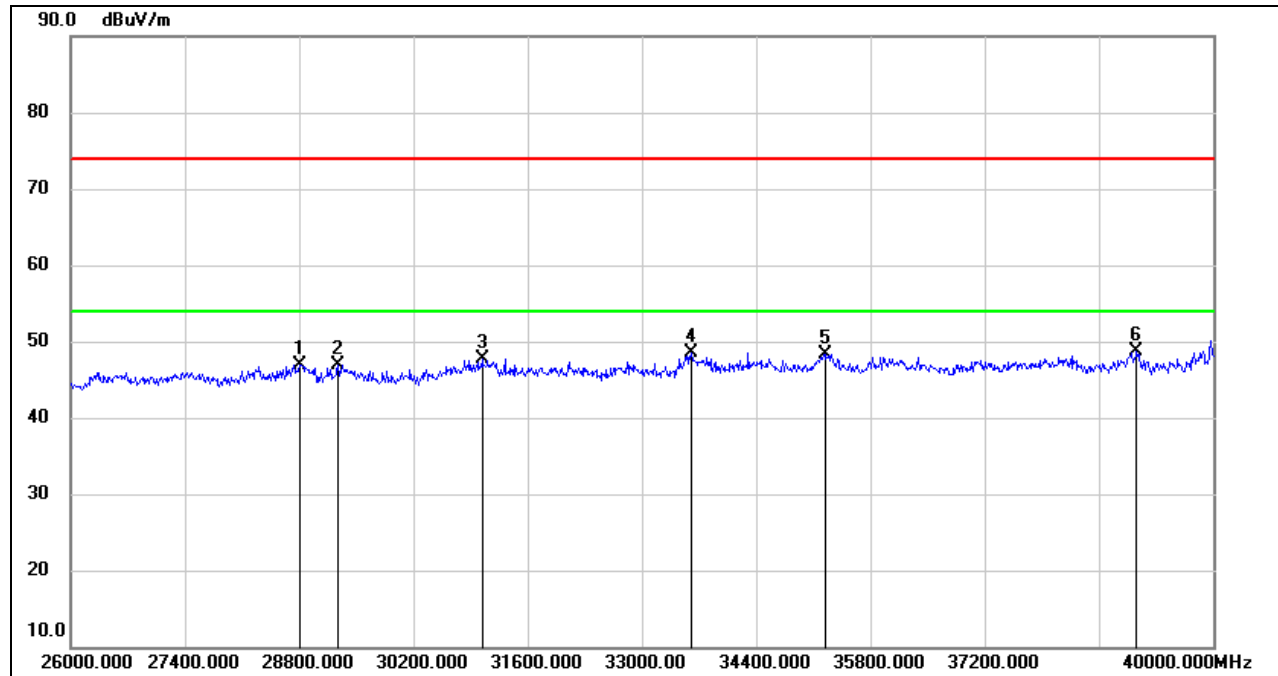
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.



SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28800.000	47.60	-0.70	46.90	74.00	-27.10	peak
2	29276.000	48.01	-1.01	47.00	74.00	-27.00	peak
3	31040.000	48.45	-0.72	47.73	74.00	-26.27	peak
4	33602.000	48.01	0.46	48.47	74.00	-25.53	peak
5	35254.000	45.62	2.65	48.27	74.00	-25.73	peak
6	39062.000	44.48	4.30	48.78	74.00	-25.22	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.

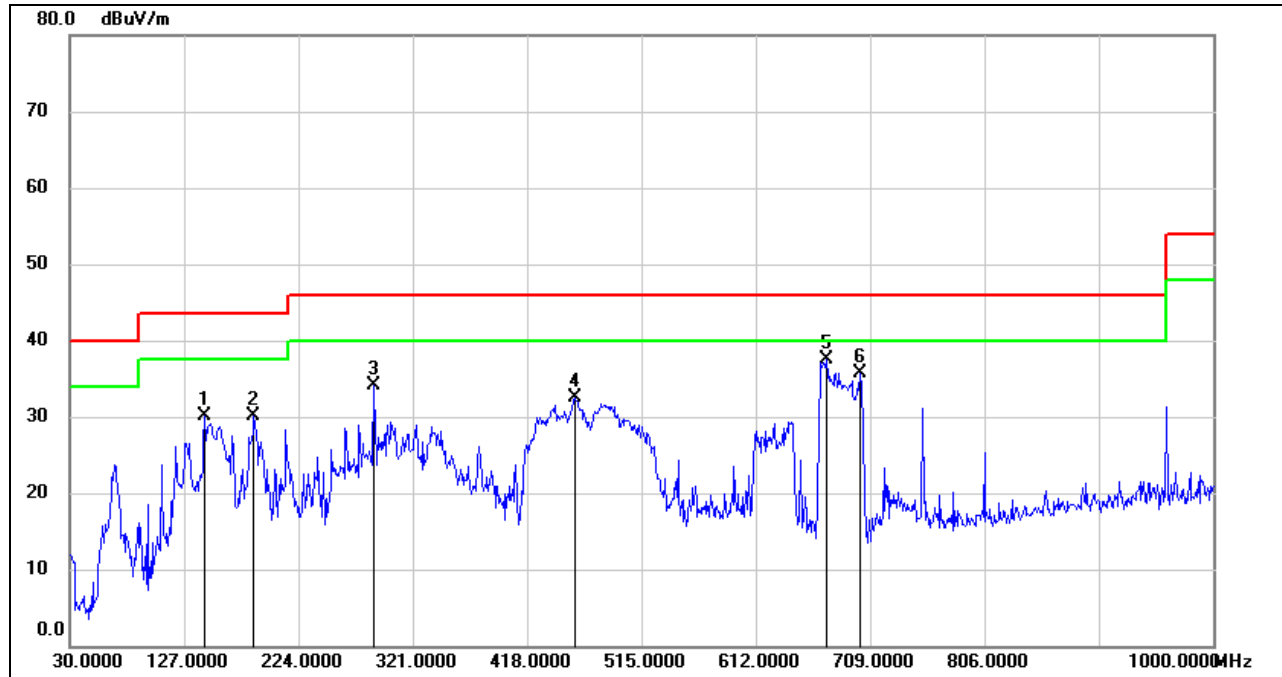
3. Peak: Peak detector.

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

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11 a MODE

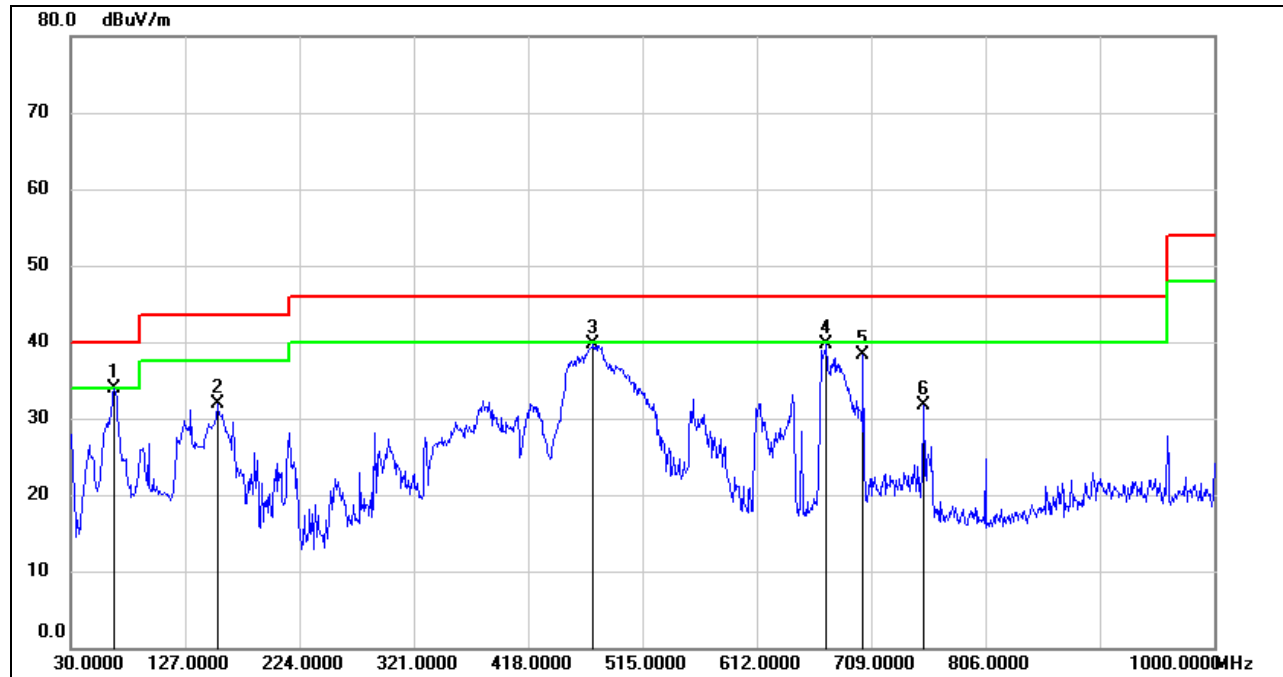
SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	144.4600	48.74	-18.60	30.14	43.50	-13.36	QP
2	186.1700	46.81	-16.72	30.09	43.50	-13.41	QP
3	288.0200	50.21	-16.06	34.15	46.00	-11.85	QP
4	458.7400	44.75	-12.16	32.59	46.00	-13.41	QP
5	672.1400	46.15	-8.64	37.51	46.00	-8.49	QP
6	700.2700	43.95	-8.31	35.64	46.00	-10.36	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-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	66.8600	54.46	-20.56	33.90	40.00	-6.10	QP
2	154.1600	49.93	-18.06	31.87	43.50	-11.63	QP
3	473.2900	51.57	-11.95	39.62	46.00	-6.38	QP
4	671.1700	48.34	-8.64	39.70	46.00	-6.30	QP
5	702.2100	46.58	-8.31	38.27	46.00	-7.73	QP
6	753.6200	39.64	-7.86	31.78	46.00	-14.22	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

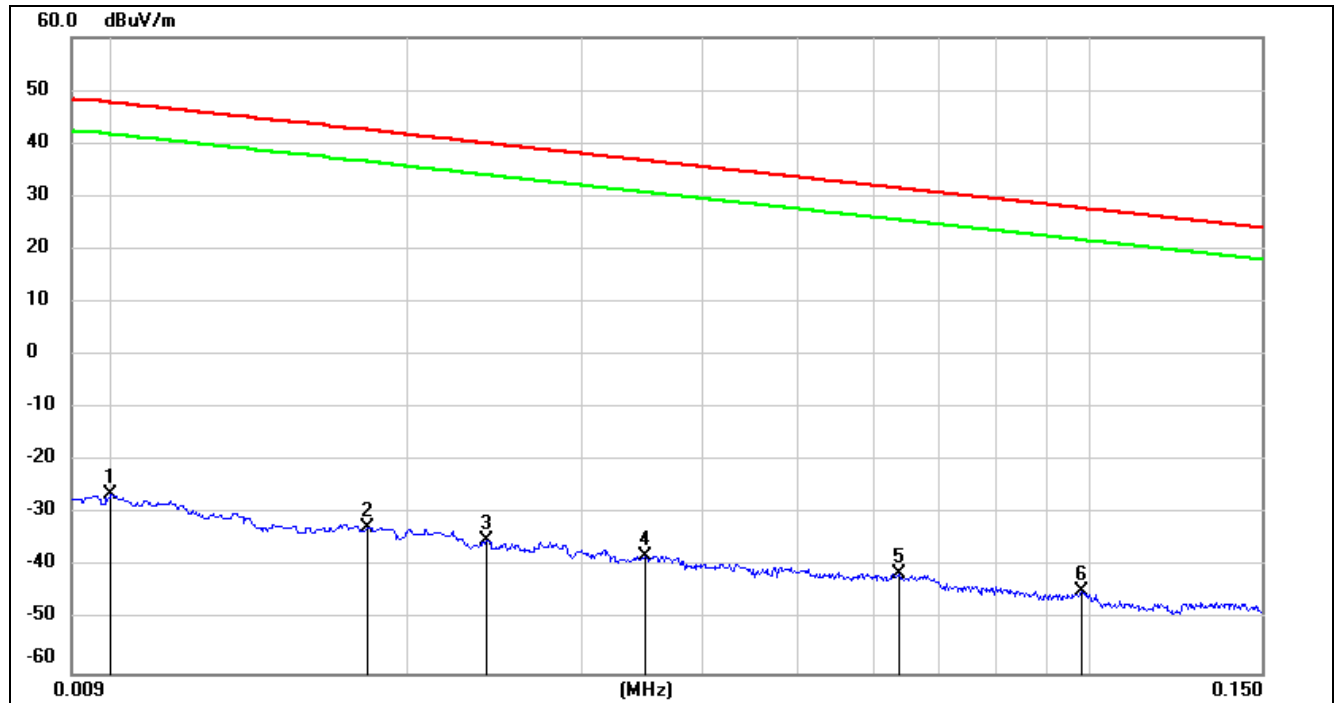
Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11 a MODE

SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9 kHz~ 150 kHz



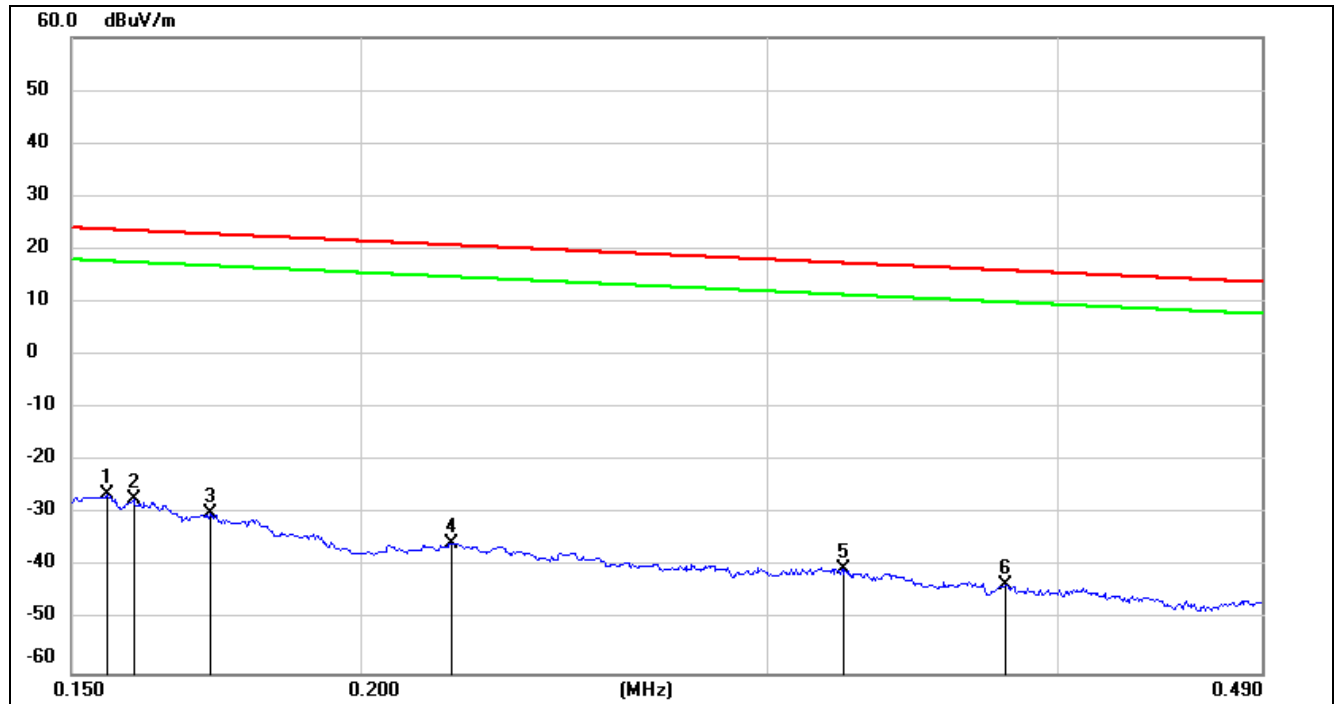
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	75.22	-101.40	-26.18	47.6	-77.68	-3.90	-73.78	peak
2	0.0181	68.85	-101.36	-32.51	42.45	-84.01	-9.05	-74.96	peak
3	0.0240	66.32	-101.36	-35.04	40	-86.54	-11.50	-75.04	peak
4	0.0349	63.53	-101.41	-37.88	36.75	-89.38	-14.75	-74.63	peak
5	0.0636	60.31	-101.54	-41.23	31.53	-92.73	-19.97	-72.76	peak
6	0.0981	57.27	-101.78	-44.51	27.77	-96.01	-23.73	-72.28	peak

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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.

150 kHz ~ 490 kHz



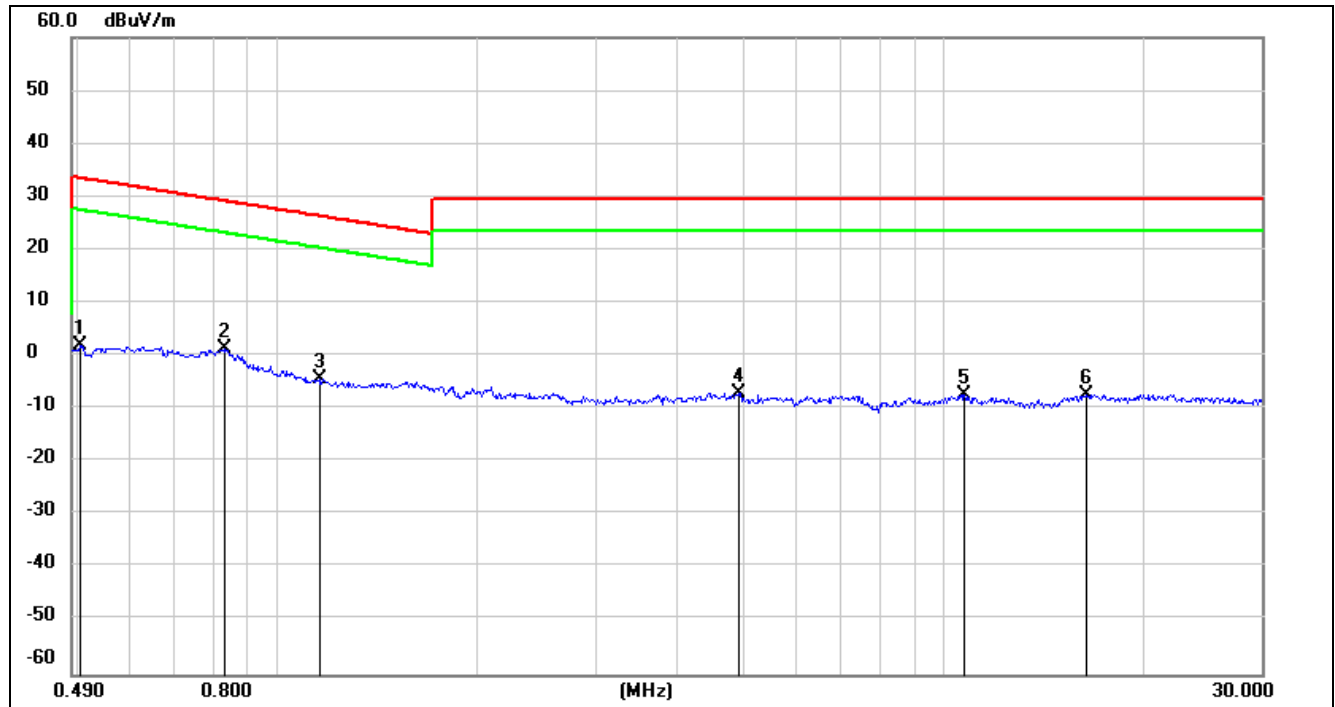
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1554	75.27	-101.65	-26.38	23.77	-77.88	-27.73	-50.15	peak
2	0.1595	74.36	-101.65	-27.29	23.55	-78.79	-27.95	-50.84	peak
3	0.1720	71.69	-101.67	-29.98	22.9	-81.48	-28.60	-52.88	peak
4	0.2190	66.27	-101.75	-35.48	20.79	-86.98	-30.71	-56.27	peak
5	0.3234	61.48	-101.88	-40.4	17.41	-91.90	-34.09	-57.81	peak
6	0.3800	58.52	-101.94	-43.42	16.01	-94.92	-35.49	-59.43	peak

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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.

490 kHz ~ 30 MHz



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5039	63.93	-62.07	1.86	33.56	-49.64	-17.94	-31.70	peak
2	0.8296	63.44	-62.17	1.27	29.23	-50.23	-22.27	-27.96	peak
3	1.1531	57.75	-62.20	-4.45	26.37	-55.95	-25.13	-30.82	peak
4	4.9165	54.38	-61.48	-7.1	29.54	-58.60	-21.96	-36.64	peak
5	10.7299	53.48	-60.83	-7.35	29.54	-58.85	-21.96	-36.89	peak
6	16.3959	53.67	-60.96	-7.29	29.54	-58.79	-21.96	-36.83	peak

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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 the modes and channels had been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSIONS

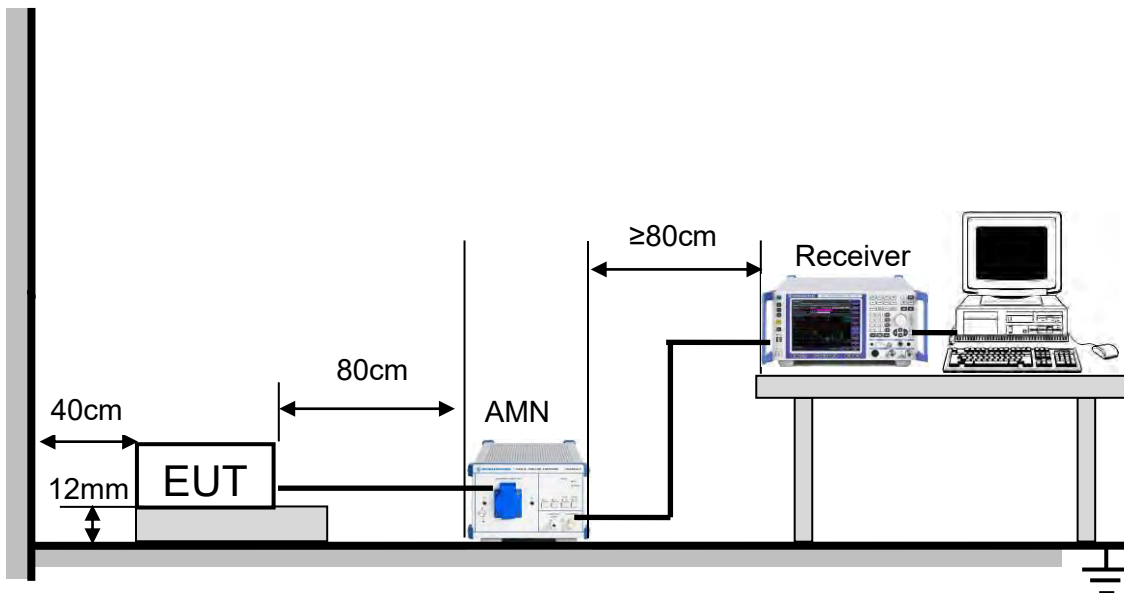
LIMITS

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 12 mm 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.



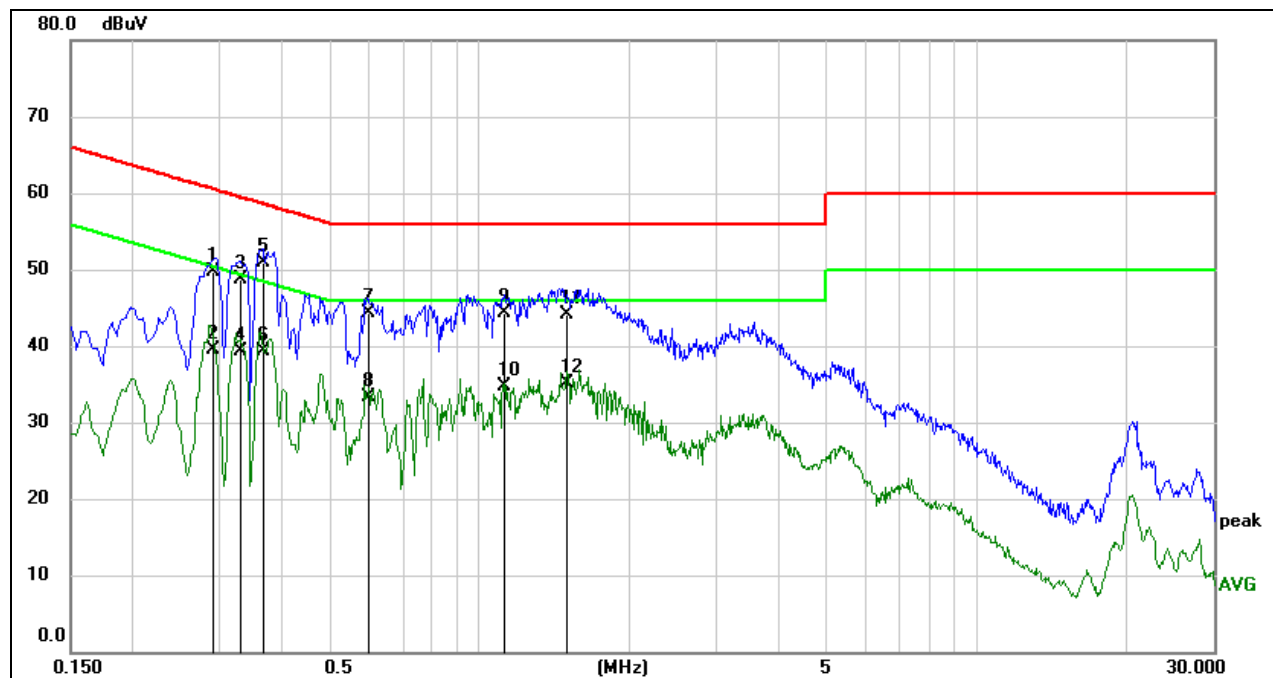
TEST ENVIRONMENT

Temperature	24.6 °C	Relative Humidity	67.6 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120V,60HZ

RESULTS

9.1. 802.11 a MODE

LINE N RESULTS (UNII-2C BAND LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2900	40.06	9.59	49.65	60.52	-10.87	QP
2	0.2900	29.90	9.59	39.49	50.52	-11.03	AVG
3	0.3287	39.20	9.59	48.79	59.48	-10.69	QP
4	0.3287	29.72	9.59	39.31	49.48	-10.17	AVG
5	0.3661	41.28	9.59	50.87	58.59	-7.72	QP
6	0.3661	29.65	9.59	39.24	48.59	-9.35	AVG
7	0.5985	34.65	9.60	44.25	56.00	-11.75	QP
8	0.5985	23.71	9.60	33.31	46.00	-12.69	AVG
9	1.1154	34.78	9.61	44.39	56.00	-11.61	QP
10	1.1154	25.11	9.61	34.72	46.00	-11.28	AVG
11	1.4970	34.47	9.62	44.09	56.00	-11.91	QP
12	1.4970	25.50	9.62	35.12	46.00	-10.88	AVG

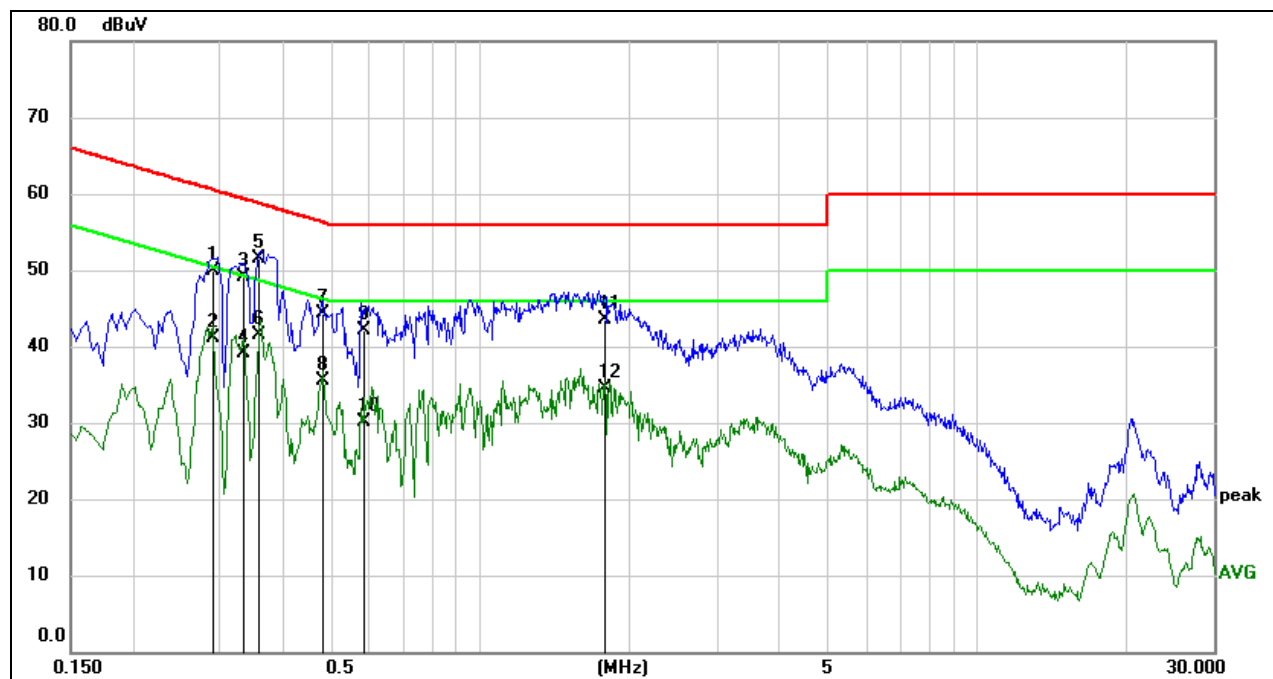
Note: 1. Result = Reading + Correct Factor.

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 L RESULTS (UNII-2C BAND LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2891	40.32	9.59	49.91	60.55	-10.64	QP
2	0.2891	31.53	9.59	41.12	50.55	-9.43	AVG
3	0.3349	39.52	9.59	49.11	59.33	-10.22	QP
4	0.3349	29.50	9.59	39.09	49.33	-10.24	AVG
5	0.3593	41.83	9.59	51.42	58.74	-7.32	QP
6	0.3593	31.96	9.59	41.55	48.74	-7.19	AVG
7	0.4795	34.66	9.60	44.26	56.35	-12.09	QP
8	0.4795	25.83	9.60	35.43	46.35	-10.92	AVG
9	0.5840	32.41	9.60	42.01	56.00	-13.99	QP
10	0.5840	20.46	9.60	30.06	46.00	-15.94	AVG
11	1.7826	33.91	9.62	43.53	56.00	-12.47	QP
12	1.7826	24.89	9.62	34.51	46.00	-11.49	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 and channels 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

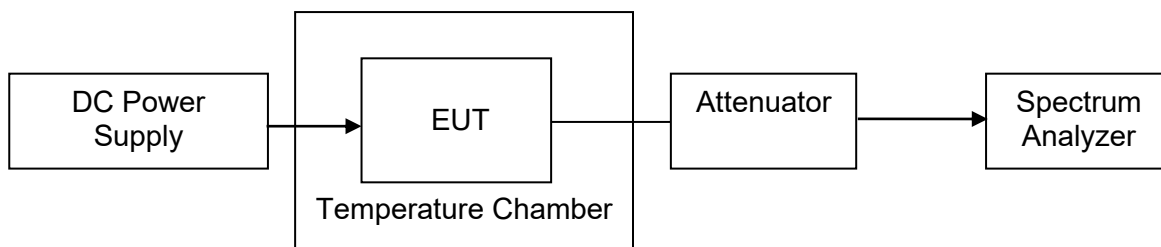
1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 35 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of 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 85 % to 115 % 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	T_N (Normal Temperature): 22 °C – 28 °C	T_L (Low Temperature): 0 °C
		T_H (High Temperature): 35 °C
Supply Voltage	V_N (Normal Voltage): AC 120 V, 60Hz	V_L (Low Voltage): AC 138 V, 60Hz
		V_H (High Voltage): AC 102 V, 60Hz

RESULTS

Please refer to Appendix G.

11. DYNAMIC FREQUENCY SELECTION

APPLICABILITY OF DFS REQUIREMENTS

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.

Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐ Master	☒ Client Without Radar Detection	☐ Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐ Master Device or Client with Radar Detection	☒ Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐ Master Device or Client with Radar Detection	☒ Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

LIMITS

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.
Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.
Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.
Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.
Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

PARAMETERS OF RADAR TEST WAVEFORMS

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

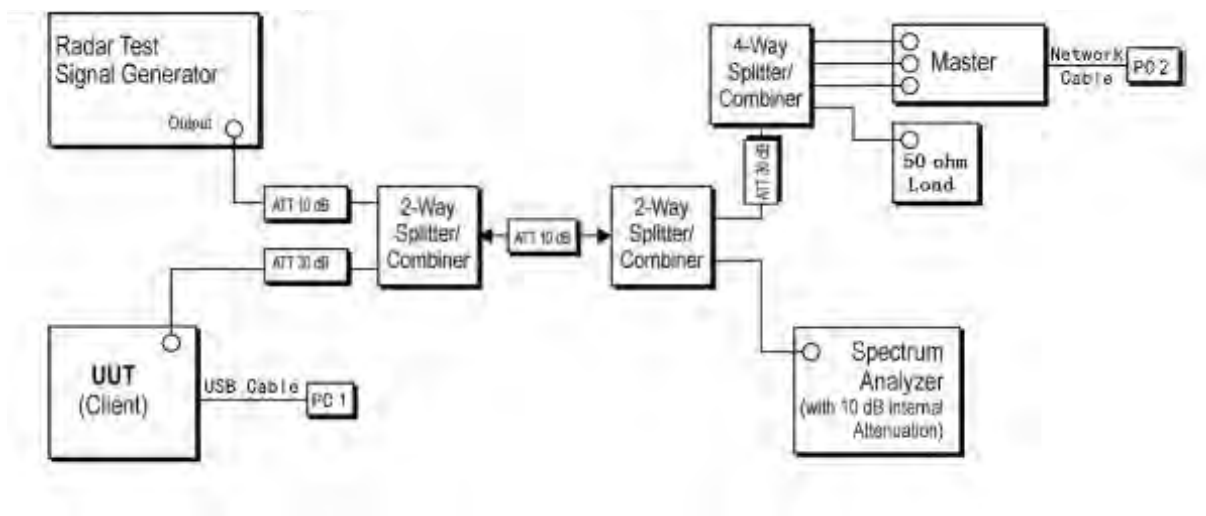
Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	Roundup $\left\{ \frac{\left(\frac{f}{360} \right)}{\left(\frac{19 \cdot 10^9}{\text{PRI}_{\text{max}}} \right)} \right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests. Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a. Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A					

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4.

TEST SETUP

Setup for Client with injection at the Master



RESULTS

Please refer to Appendix E&F.

12. 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



13. Appendix

13.1. Appendix A1: Emission Bandwidth

13.1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.720	5170.080	5189.800	---	PASS
		5200	19.680	5190.040	5209.720	---	PASS
		5240	19.960	5229.960	5249.920	---	PASS
		5260	19.760	5249.960	5269.720	---	PASS
		5280	19.800	5269.960	5289.760	---	PASS
		5320	19.880	5309.920	5329.800	---	PASS
		5500	19.800	5489.960	5509.760	---	PASS
		5580	19.800	5570.160	5589.960	---	PASS
		5700	19.800	5689.960	5709.760	---	PASS
		5720	19.920	5710.040	5729.960	---	PASS
		5720_UNII-2C	14.96	5710.040	5725	---	PASS
		5720_UNII-3	4.96	5725	5729.960	---	PASS
		5745	19.840	5735.080	5754.920	---	PASS
		5785	20.040	5775.080	5795.120	---	PASS
11N20SISO	Ant1	5180	20.000	5169.880	5189.880	---	PASS
		5200	20.240	5189.840	5210.080	---	PASS
		5240	20.120	5229.840	5249.960	---	PASS
11AC20SISO	Ant1	5180	20.080	5169.880	5189.960	---	PASS
		5200	20.400	5189.760	5210.160	---	PASS
		5240	19.880	5230.040	5249.920	---	PASS
		5260	20.520	5249.760	5270.280	---	PASS
		5280	20.160	5269.920	5290.080	---	PASS
		5320	20.120	5309.880	5330.000	---	PASS
		5500	20.080	5489.840	5509.920	---	PASS
		5580	20.120	5569.880	5590.000	---	PASS
		5700	20.160	5689.920	5710.080	---	PASS
		5720	20.240	5709.760	5730.000	---	PASS
		5720_UNII-2C	15.24	5709.760	5725	---	PASS
		5720_UNII-3	5	5725	5730.000	---	PASS
		5745	20.320	5734.720	5755.040	---	PASS
		5785	20.440	5774.800	5795.240	---	PASS
11AC40SISO	Ant1	5190	40.560	5169.680	5210.240	---	PASS
		5230	40.320	5209.840	5250.160	---	PASS
		5270	40.240	5249.760	5290.000	---	PASS
		5310	40.400	5289.760	5330.160	---	PASS
		5510	40.640	5489.760	5530.400	---	PASS
		5550	40.320	5529.760	5570.080	---	PASS
		5670	40.640	5649.760	5690.400	---	PASS
		5710	40.480	5689.680	5730.160	---	PASS
		5710_UNII-2C	35.32	5689.680	5725	---	PASS
		5710_UNII-3	5.16	5725	5730.160	---	PASS
		5755	40.480	5734.680	5775.160	---	PASS
		5795	40.160	5774.840	5815.000	---	PASS
11AC80SISO	Ant1	5210	80.800	5169.840	5250.640	---	PASS



		5290	80.640	5249.520	5330.160	---	PASS
		5530	80.640	5489.840	5570.480	---	PASS
		5610	80.640	5569.520	5650.160	---	PASS
		5690	81.120	5649.360	5730.480	---	PASS
		5690_UNII- 2C	75.64	5649.360	5725	---	PASS
		5690_UNII- 3	5.48	5725	5730.480	---	PASS
		5775	80.640	5734.520	5815.160	---	PASS

13.1.2. Test Graphs







11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5720



11A_Ant1_5745



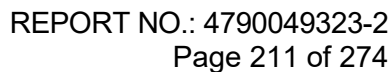
11A_Ant1_5785

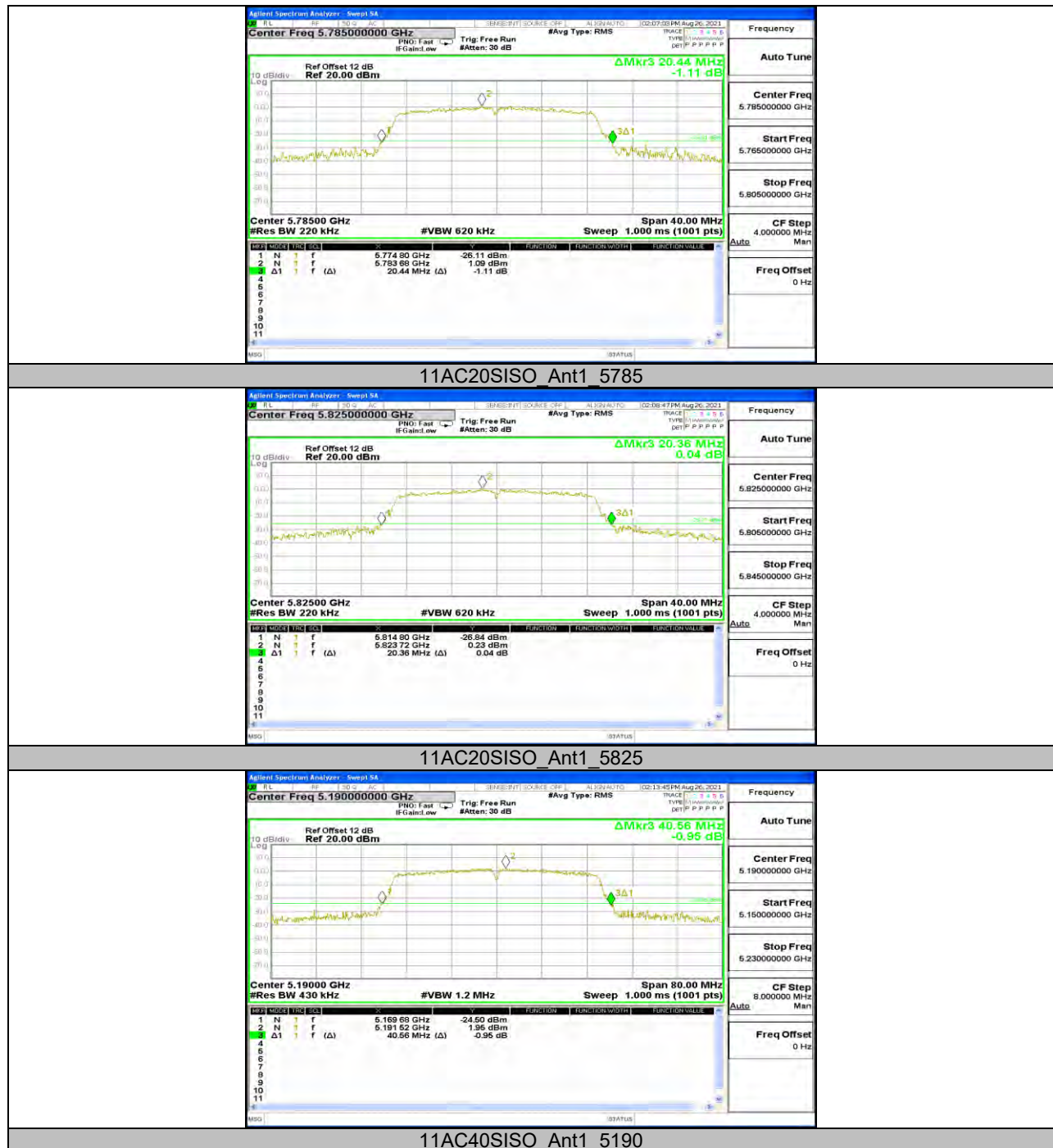






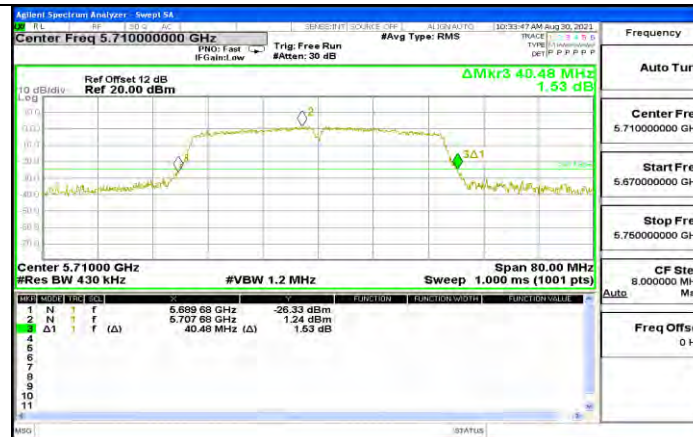












11AC40SISO_Ant1_5710



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



**13.2. Appendix A2: Occupied channel bandwidth****13.2.1. Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.014	5171.425	5188.439	---	PASS
		5200	16.972	5191.441	5208.413	---	PASS
		5240	16.981	5231.431	5248.412	---	PASS
		5260	16.941	5251.469	5268.410	---	PASS
		5280	16.961	5271.486	5288.447	---	PASS
		5320	16.928	5311.470	5328.398	---	PASS
		5500	16.550	5491.652	5508.202	---	PASS
		5580	16.921	5571.478	5588.399	---	PASS
		5700	16.922	5691.456	5708.378	---	PASS
		5720	16.977	5711.474	5728.451	---	PASS
		5720_UNII-2C	13.526	5711.474	5725	---	PASS
		5720_UNII-3	3.451	5725	5728.451	---	PASS
		5745	16.965	5736.426	5753.391	---	PASS
		5785	16.947	5776.444	5793.391	---	PASS
		5825	17.017	5816.401	5833.418	---	PASS
11N20SISO	Ant1	5180	17.988	5170.914	5188.902	---	PASS
		5200	17.972	5190.951	5208.923	---	PASS
		5240	17.954	5230.942	5248.896	---	PASS
11AC20SISO	Ant1	5180	17.918	5170.976	5188.894	---	PASS
		5200	17.864	5191.023	5208.887	---	PASS
		5240	17.927	5230.962	5248.889	---	PASS
		5260	17.873	5251.013	5268.886	---	PASS
		5280	17.846	5271.029	5288.875	---	PASS
		5320	17.859	5311.000	5328.859	---	PASS
		5500	17.832	5491.029	5508.861	---	PASS
		5580	17.856	5570.993	5588.849	---	PASS
		5700	17.832	5691.019	5708.851	---	PASS
		5720	17.898	5710.989	5728.887	---	PASS
		5720_UNII-2C	14.011	5710.989	5725	---	PASS
		5720_UNII-3	3.887	5725	5728.887	---	PASS
		5745	17.797	5736.038	5753.835	---	PASS
		5785	17.928	5775.984	5793.912	---	PASS
		5825	17.953	5815.957	5833.910	---	PASS
11AC40SISO	Ant1	5190	36.377	5171.779	5208.156	---	PASS
		5230	36.309	5211.838	5248.147	---	PASS
		5270	36.315	5251.821	5288.136	---	PASS
		5310	36.175	5291.873	5328.048	---	PASS
		5510	36.261	5491.792	5528.053	---	PASS
		5550	36.337	5531.754	5568.091	---	PASS
		5670	36.201	5651.842	5688.043	---	PASS
		5710	36.363	5691.809	5728.172	---	PASS
		5710_UNII-2C	33.191	5691.809	5725	---	PASS
		5710_UNII-3	3.172	5725	5728.172	---	PASS
		5755	36.297	5736.775	5773.072	---	PASS
11AC80SISO	Ant1	5795	36.386	5776.762	5813.148	---	PASS
		5210	75.246	5172.443	5247.689	---	PASS



		5290	75.294	5252.369	5327.663	---	PASS
		5530	75.381	5492.219	5567.600	---	PASS
		5610	75.329	5572.281	5647.610	---	PASS
		5690	75.313	5652.307	5727.620	---	PASS
		5690_UNII- 2C	72.693	5652.307	5725	---	PASS
		5690_UNII- 3	2.62	5725	5727.620	---	PASS
		5775	75.491	5737.211	5812.702	---	PASS

13.2.2. Test Graphs

































13.3. Appendix A3: Min emission bandwidth

13.3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.160	5737.360	5752.520	0.5	PASS
		5785	14.760	5777.760	5792.520	0.5	PASS
		5825	13.800	5817.400	5831.200	0.5	PASS
11AC20SISO	Ant1	5745	15.200	5737.320	5752.520	0.5	PASS
		5785	15.160	5777.360	5792.520	0.5	PASS
		5825	15.120	5817.320	5832.440	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.320	5772.520	0.5	PASS
		5795	35.200	5777.320	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS

13.3.2. Test Graphs









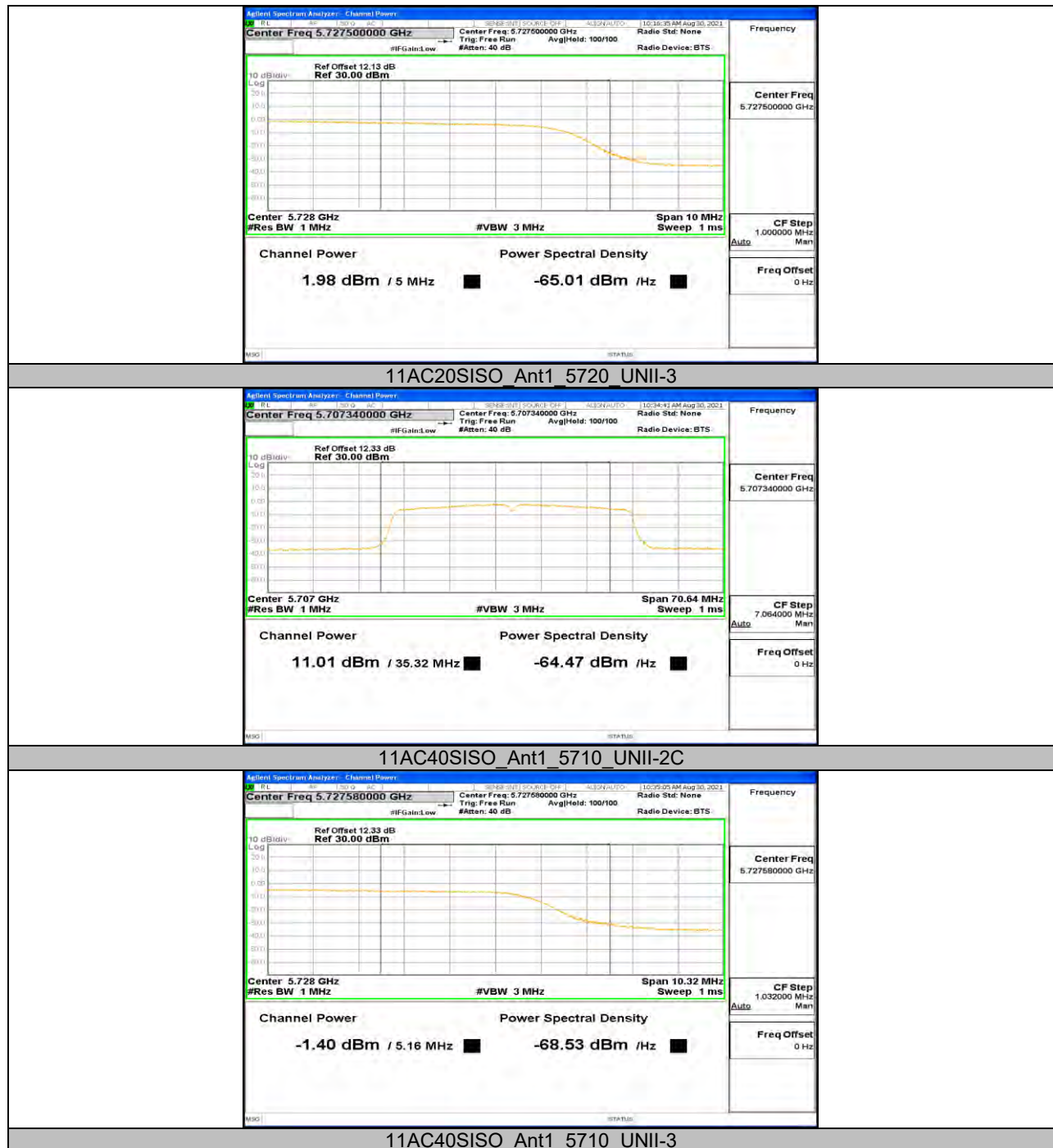
**13.4. Appendix B: Maximum conducted output power**

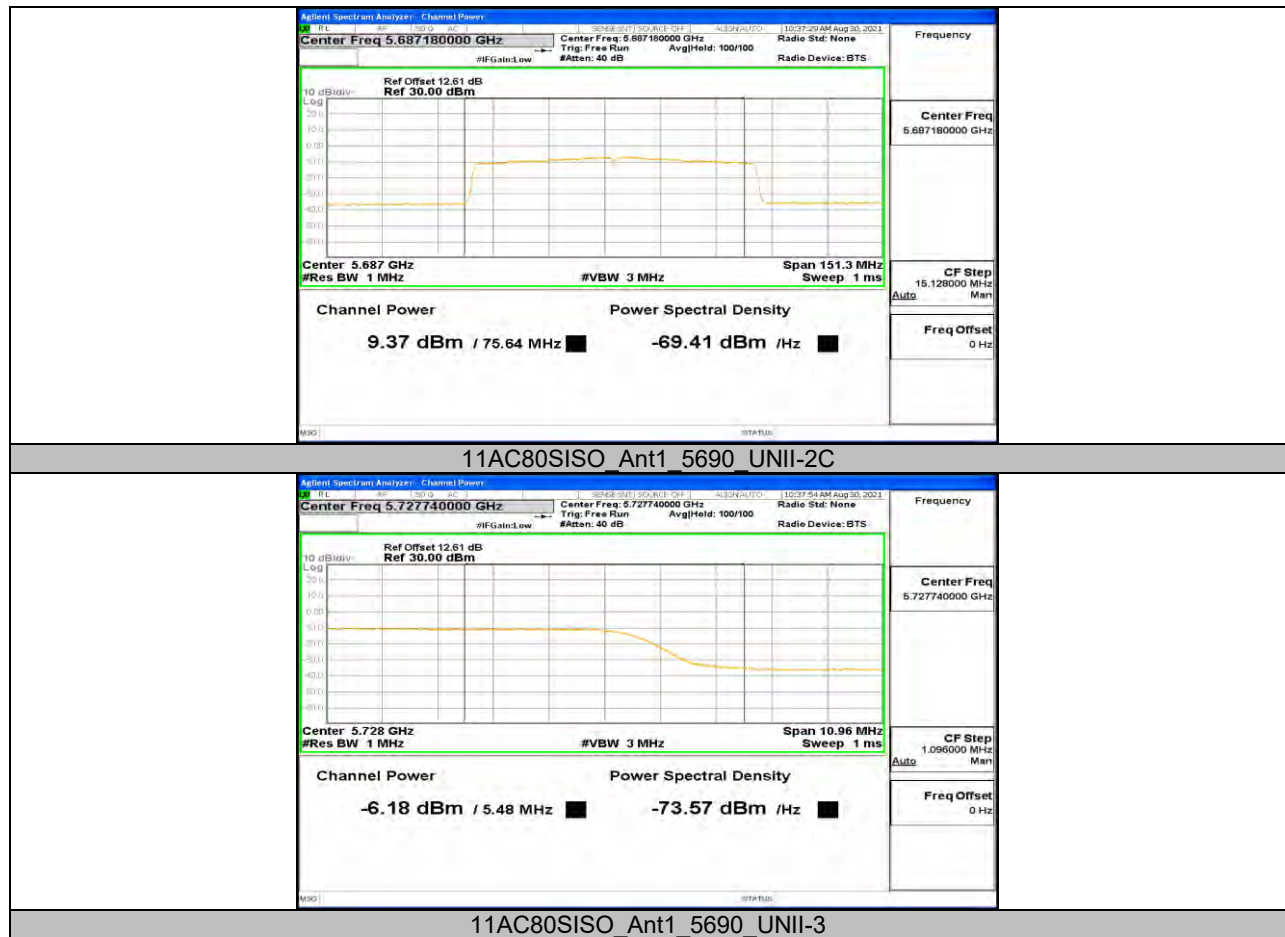
Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.12	≤23.98	---	15.52	≤22.31	PASS
		5200	11.94	≤23.98	---	15.34	≤22.30	PASS
		5240	12.02	≤23.98	---	15.42	≤22.30	PASS
		5260	12.26	≤23.96	≤23.29	15.66	≤29.29	PASS
		5280	12.39	≤23.97	≤23.29	15.79	≤29.29	PASS
		5320	12.77	≤23.98	≤23.29	16.17	≤29.29	PASS
		5500	13.46	≤23.97	≤23.19	16.86	≤29.19	PASS
		5580	13.12	≤23.97	≤23.28	16.52	≤29.28	PASS
		5700	12.71	≤23.97	≤23.28	16.11	≤29.28	PASS
		5720_UNII-2C	11.14	≤22.75	≤22.31	14.54	≤28.31	PASS
		5720_UNII-3	3.33	≤30	≤30	---	---	PASS
		5745	11.33	≤30	≤30	---	---	PASS
		5785	10.44	≤30	≤30	---	---	PASS
11AC20SISO	Ant1	5825	10.01	≤30	≤30	---	---	PASS
		5180	12.14	≤23.98	---	15.54	≤22.53	PASS
		5200	11.91	≤23.98	---	15.31	≤22.52	PASS
		5240	11.86	≤23.98	---	15.26	≤22.54	PASS
		5260	12.21	≤23.98	≤23.52	15.61	≤29.52	PASS
		5280	12.08	≤23.98	≤23.52	15.48	≤29.52	PASS
		5320	12.65	≤23.98	≤23.52	16.05	≤29.52	PASS
		5500	13.24	≤23.98	≤23.51	16.64	≤29.51	PASS
		5580	13.11	≤23.98	≤23.52	16.51	≤29.52	PASS
		5700	12.61	≤23.98	≤23.51	16.01	≤29.51	PASS
		5720_UNII-2C	9.25	≤22.83	≤22.46	12.65	≤28.46	PASS
		5720_UNII-3	1.98	≤30	≤30	---	---	PASS
		5745	11.14	≤30	≤30	---	---	PASS
		5785	10.54	≤30	≤30	---	---	PASS
11AC40SISO	Ant1	5825	9.77	≤30	≤30	---	---	PASS
		5190	12.07	≤23.98	---	15.47	≤23	PASS
		5230	12.06	≤23.98	---	15.46	≤23	PASS
		5270	12.20	≤23.98	≤23.98	15.6	≤30	PASS
		5310	12.55	≤23.98	≤23.98	15.95	≤30	PASS
		5510	13.21	≤23.98	≤23.98	16.61	≤30	PASS
		5550	13.13	≤23.98	≤23.98	16.53	≤30	PASS
		5670	12.04	≤23.98	≤23.98	15.44	≤30	PASS
		5710_UNII-2C	11.01	≤23.98	≤23.98	14.41	≤30	PASS
		5710_UNII-3	-1.40	≤30	≤30	---	---	PASS
11AC80SISO	Ant1	5755	11.02	≤30	≤30	---	---	PASS
		5795	10.30	≤30	≤30	---	---	PASS
		5210	10.51	≤23.98	---	13.91	≤23	PASS
		5290	12.78	≤23.98	≤23.98	16.18	≤30	PASS
		5530	13.10	≤23.98	≤23.98	16.5	≤30	PASS
		5610	12.79	≤23.98	≤23.98	16.19	≤30	PASS
		5690_UNII-2C	9.37	≤23.98	≤23.98	12.77	≤30	PASS
		5690_UNII-3	-6.18	≤30	≤30	-2.01	---	PASS
		5775	11.01	≤30	≤30	15.18	---	PASS

Note : The Duty Cycle Factor is compensated in the graph.

13.4.1. Test Graphs







13.5. Appendix C: Maximum power spectral density

13.5.1. Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.36	≤11	6.53	≤10	PASS
		5200	1.8	≤11	5.97	≤10	PASS
		5240	1.9	≤11	6.07	≤10	PASS
		5260	2.12	≤11	---	---	PASS
		5280	2.39	≤11	---	---	PASS
		5320	3.06	≤11	---	---	PASS
		5500	3.46	≤11	---	---	PASS
		5580	3.44	≤11	---	---	PASS
		5700	1.92	≤11	---	---	PASS
		5720_UNII-2C	1.44	≤11	---	---	PASS
		5720_UNII-3	-3.65	≤11	---	---	PASS
		5745	-1.18	≤30	---	---	PASS
		5785	-2.32	≤30	---	---	PASS
		5825	-2.83	≤30	---	---	PASS
11AC20SISO	Ant1	5180	-0.85	≤11	3.32	≤10	PASS
		5200	-1.04	≤11	3.13	≤10	PASS
		5240	-1.11	≤11	3.06	≤10	PASS
		5260	-0.5	≤11	---	---	PASS
		5280	-0.89	≤11	---	---	PASS
		5320	-0.33	≤11	---	---	PASS
		5500	0.4	≤11	---	---	PASS
		5580	0.13	≤11	---	---	PASS
		5700	-1.18	≤11	---	---	PASS
		5720_UNII-2C	-2.59	≤11	---	---	PASS
		5720_UNII-3	-5.07	≤11	---	---	PASS
		5745	-1.74	≤30	---	---	PASS
		5785	-2.46	≤30	---	---	PASS
		5825	-3.31	≤30	---	---	PASS
11AC40SISO	Ant1	5190	-3.84	≤11	0.33	≤10	PASS
		5230	-3.83	≤11	0.34	≤10	PASS
		5270	-3.36	≤11	---	---	PASS
		5310	-3.31	≤11	---	---	PASS
		5510	-2.98	≤11	---	---	PASS
		5550	-2.7	≤11	---	---	PASS
		5670	-3.58	≤11	---	---	PASS
		5710_UNII-2C	-4.5	≤11	---	---	PASS
		5710_UNII-3	-8.29	≤11	---	---	PASS
		5755	-4.83	≤30	---	---	PASS
		5795	-5.79	≤30	---	---	PASS
11AC80SISO	Ant1	5210	-8.44	≤11	-4.27	≤10	PASS
		5290	-6.27	≤11	---	---	PASS
		5530	-6.11	≤11	---	---	PASS
		5610	-6.44	≤11	---	---	PASS
		5690_UNII-2C	-9.29	≤11	---	---	PASS
		5690_UNII-3	-13.05	≤11	---	---	PASS
		5775	-8.14	≤30	---	---	PASS

Note : 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

13.5.2. Test Graphs

