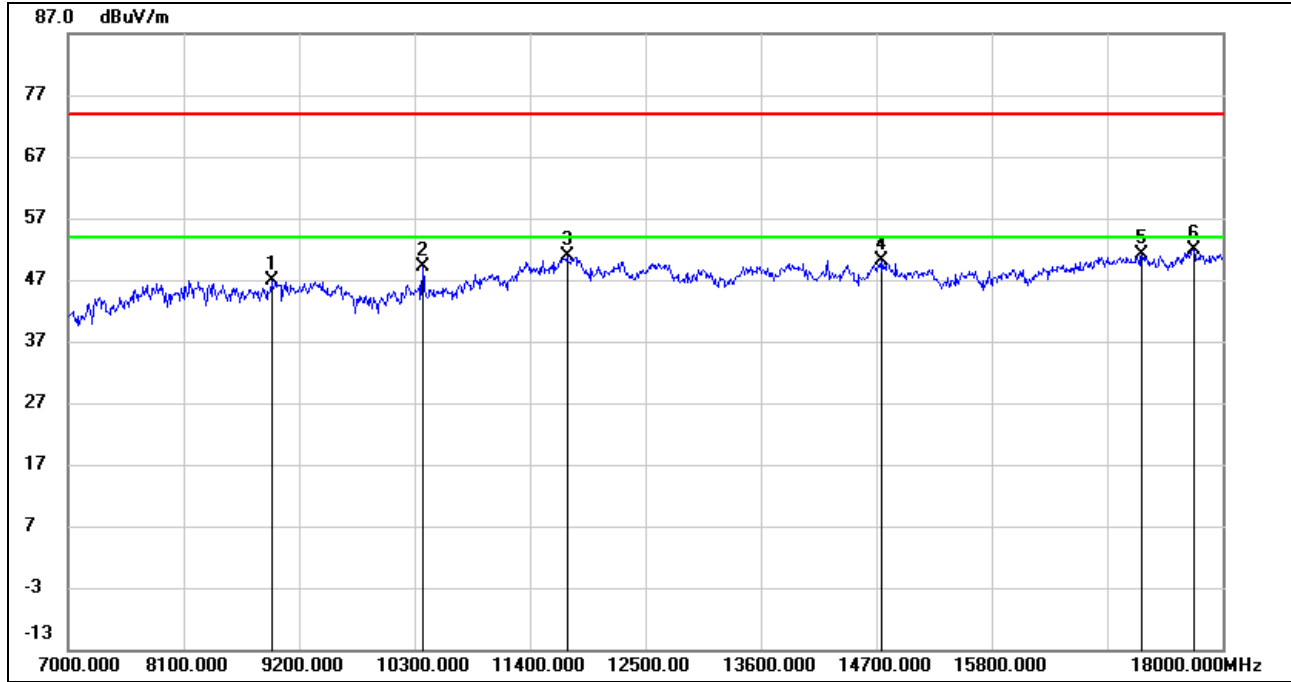




8.3.3. 802.11n HT40 SISO MODE

UNII-1 BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

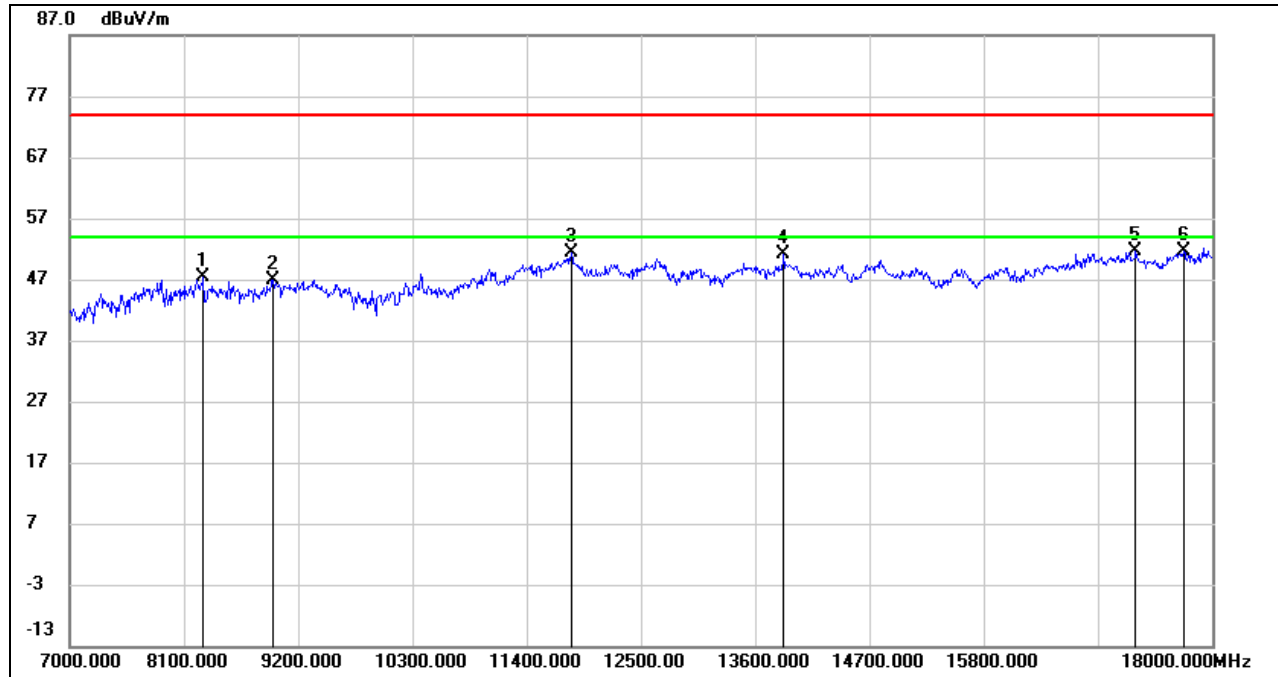


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.90	9.96	46.86	74.00	-27.14	peak
2	10377.000	37.71	11.37	49.08	74.00	-24.92	peak
3	11752.000	35.50	15.35	50.85	74.00	-23.15	peak
4	14755.000	33.37	16.72	50.09	74.00	-23.91	peak
5	17230.000	30.05	20.99	51.04	74.00	-22.96	peak
6	17725.000	29.65	22.13	51.78	74.00	-22.22	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.
  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.



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

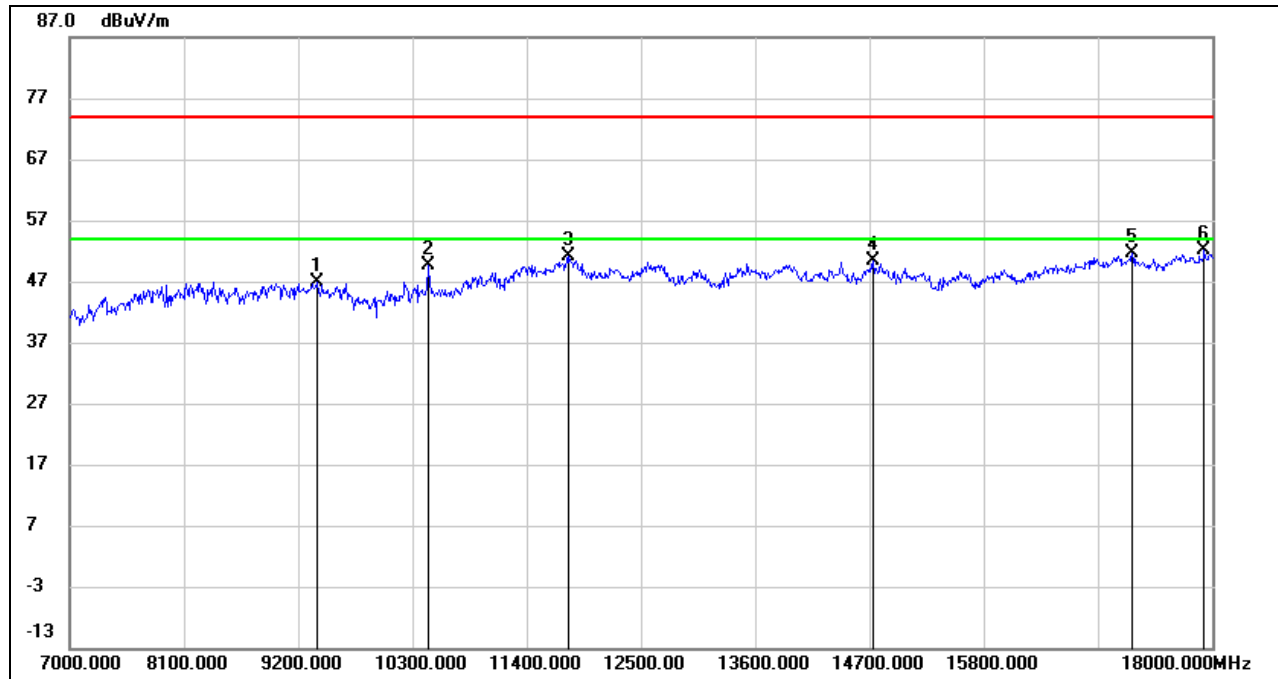


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	38.30	9.02	47.32	74.00	-26.68	peak
2	8958.000	36.63	10.19	46.82	74.00	-27.18	peak
3	11829.000	35.91	15.57	51.48	74.00	-22.52	peak
4	13875.000	34.11	16.92	51.03	74.00	-22.97	peak
5	17263.000	30.59	20.95	51.54	74.00	-22.46	peak
6	17725.000	29.49	22.13	51.62	74.00	-22.38	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.



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

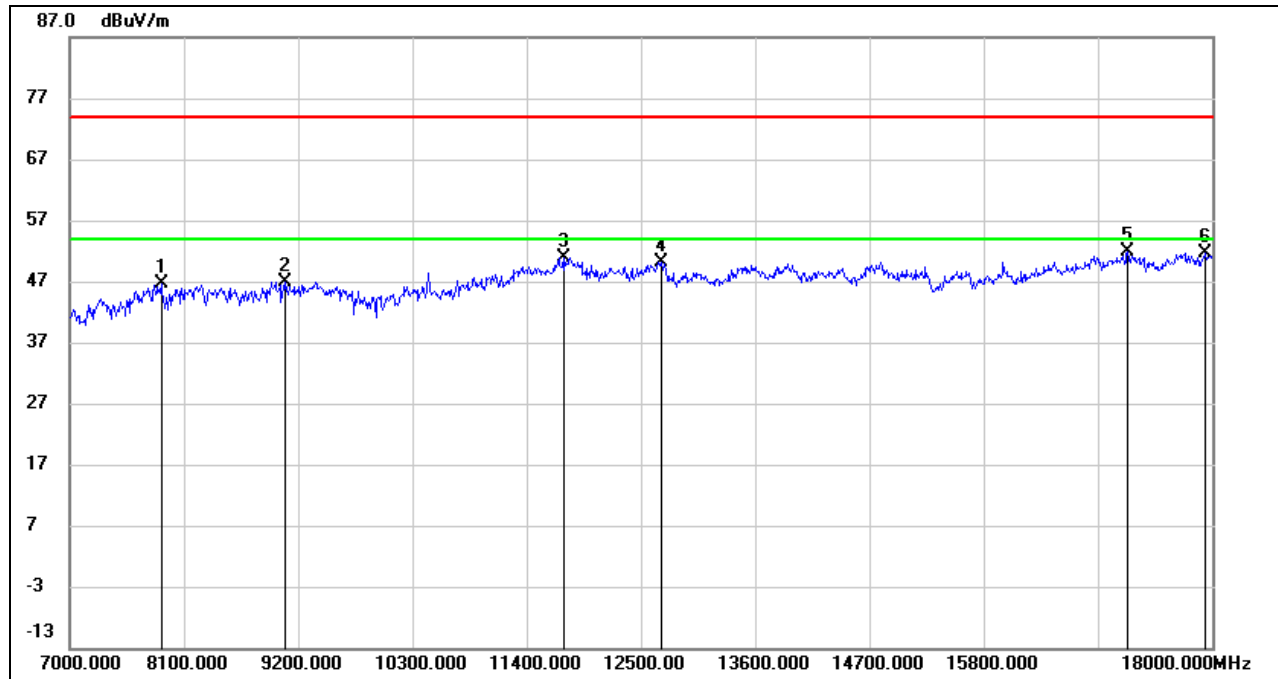


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	36.63	10.19	46.82	74.00	-27.18	peak
2	10454.000	37.89	11.73	49.62	74.00	-24.38	peak
3	11796.000	35.49	15.59	51.08	74.00	-22.92	peak
4	14733.000	33.70	16.69	50.39	74.00	-23.61	peak
5	17230.000	30.54	20.99	51.53	74.00	-22.47	peak
6	17923.000	29.46	22.69	52.15	74.00	-21.85	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.



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

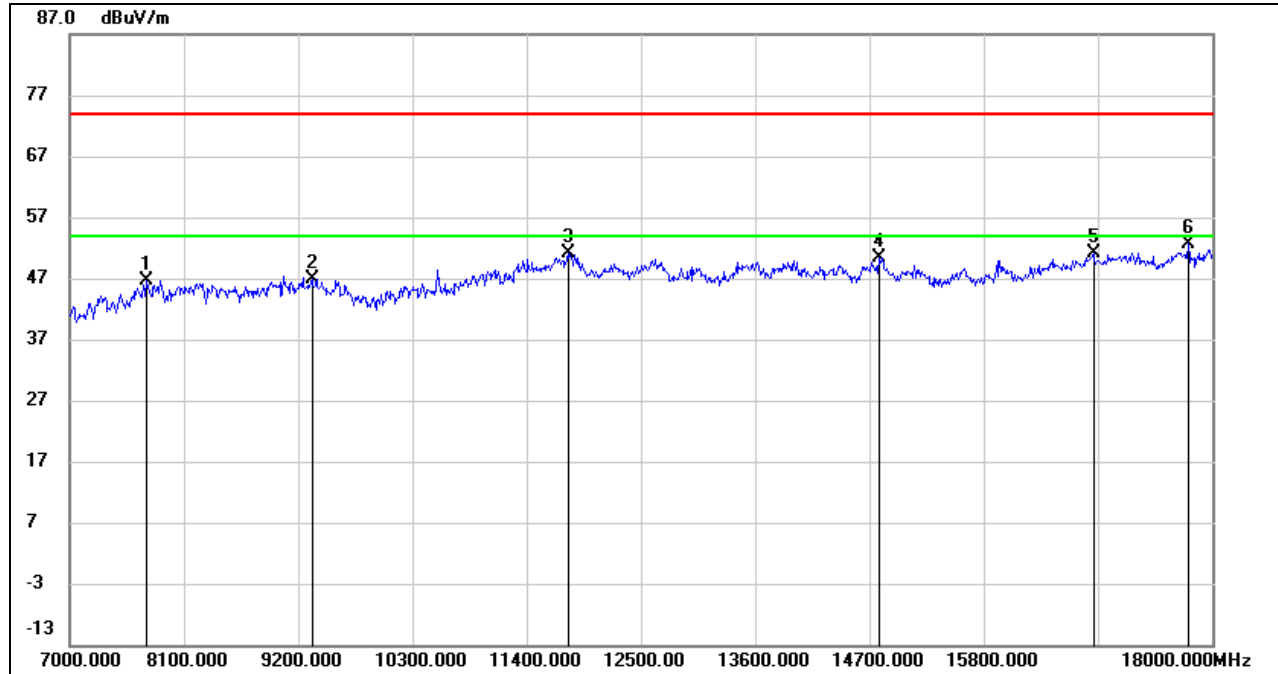


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.54	8.01	46.55	74.00	-27.45	peak
2	9079.000	36.88	10.10	46.98	74.00	-27.02	peak
3	11752.000	35.56	15.35	50.91	74.00	-23.09	peak
4	12698.000	34.69	15.47	50.16	74.00	-23.84	peak
5	17186.000	30.90	20.98	51.88	74.00	-22.12	peak
6	17934.000	28.98	22.69	51.67	74.00	-22.33	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.

**UNII-2A BAND**

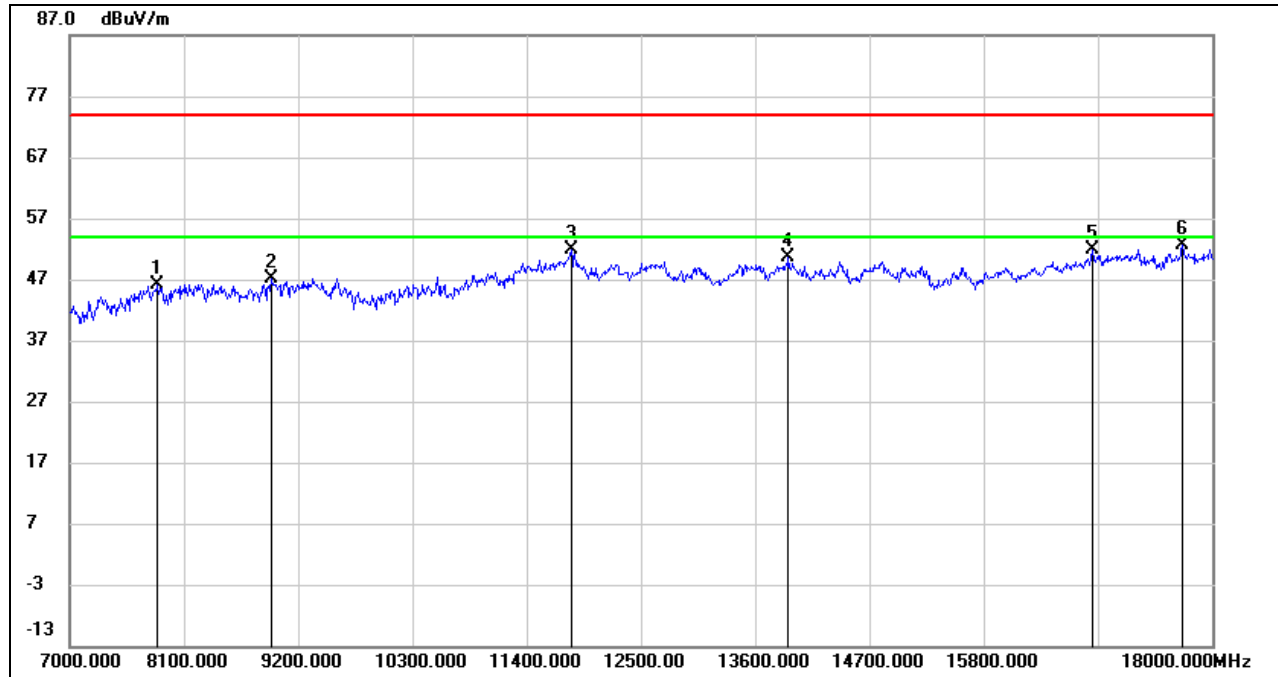
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7737.000	38.70	8.00	46.70	74.00	-27.30	peak
2	9332.000	37.01	9.97	46.98	74.00	-27.02	peak
3	11796.000	35.44	15.59	51.03	74.00	-22.97	peak
4	14788.000	33.64	16.78	50.42	74.00	-23.58	peak
5	16856.000	31.16	19.87	51.03	74.00	-22.97	peak
6	17769.000	30.09	22.48	52.57	74.00	-21.43	peak

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

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

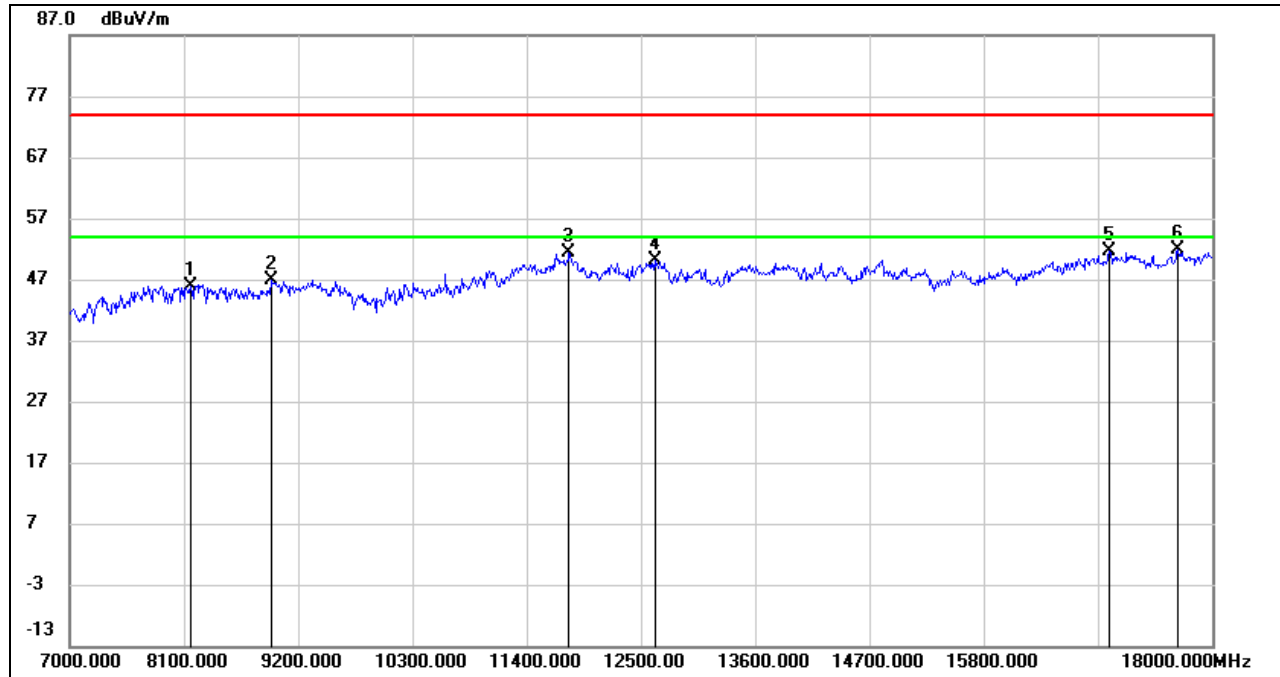


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	38.04	8.11	46.15	74.00	-27.85	peak
2	8936.000	37.22	9.96	47.18	74.00	-26.82	peak
3	11829.000	36.21	15.57	51.78	74.00	-22.22	peak
4	13919.000	33.75	16.89	50.64	74.00	-23.36	peak
5	16845.000	32.03	19.85	51.88	74.00	-22.12	peak
6	17714.000	30.53	22.04	52.57	74.00	-21.43	peak

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



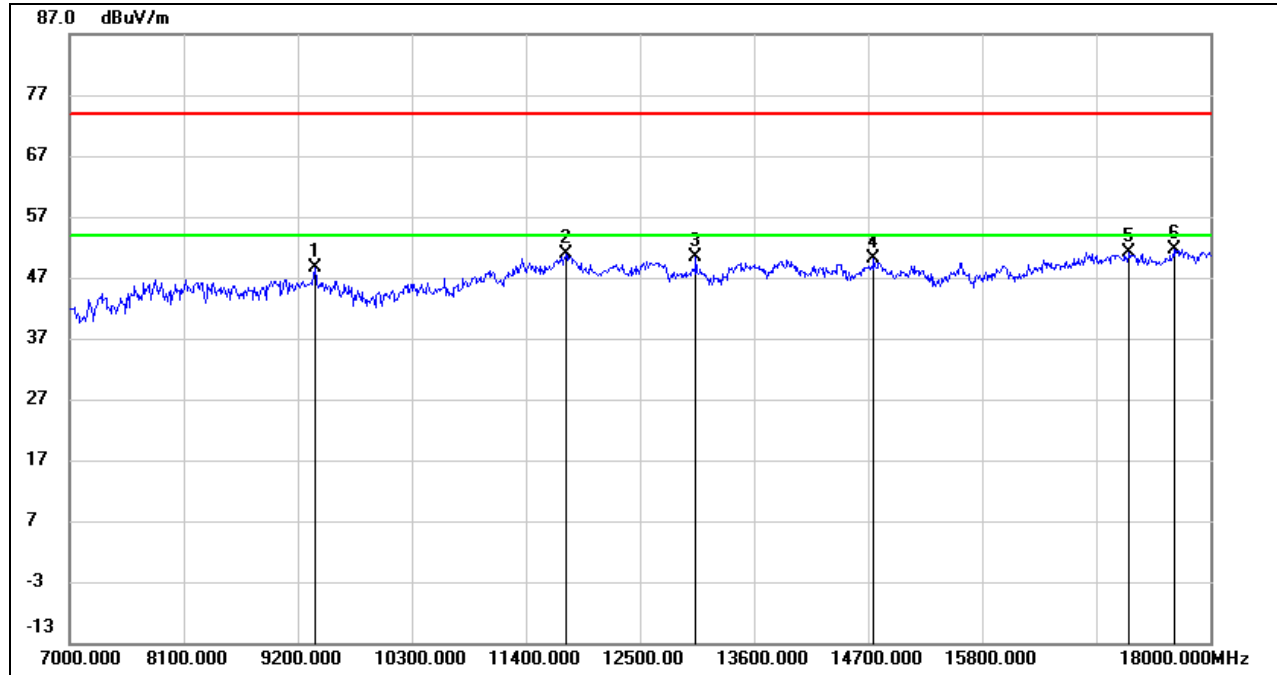
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8166.000	36.90	9.07	45.97	74.00	-28.03	peak
2	8936.000	37.02	9.96	46.98	74.00	-27.02	peak
3	11807.000	35.66	15.61	51.27	74.00	-22.73	peak
4	12632.000	34.78	15.35	50.13	74.00	-23.87	peak
5	17010.000	31.28	20.27	51.55	74.00	-22.45	peak
6	17670.000	30.07	21.70	51.77	74.00	-22.23	peak

- Note:
1. Measurement = Reading Level + Correct Factor.
  2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  3. Peak: Peak detector.
  4. 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.

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



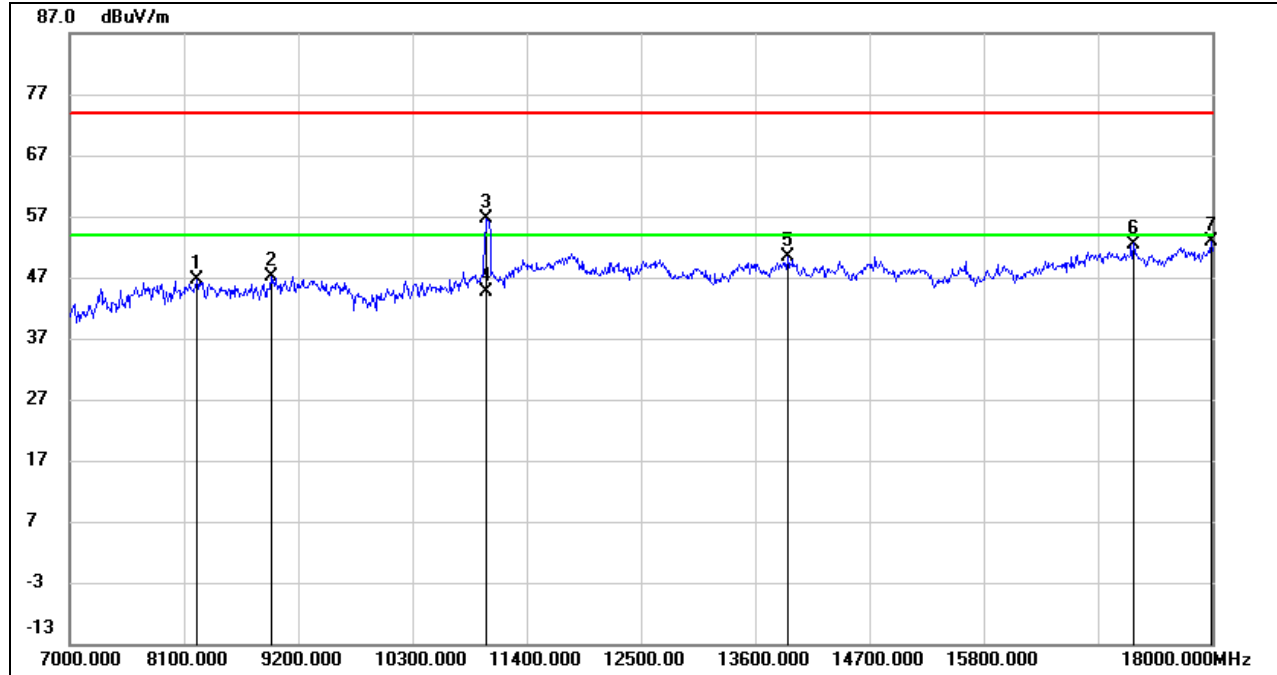
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	38.53	10.13	48.66	74.00	-25.34	peak
2	11785.000	35.34	15.52	50.86	74.00	-23.14	peak
3	13039.000	34.82	15.45	50.27	74.00	-23.73	peak
4	14755.000	33.33	16.72	50.05	74.00	-23.95	peak
5	17219.000	30.07	21.01	51.08	74.00	-22.92	peak
6	17648.000	30.12	21.54	51.66	74.00	-22.34	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. 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.



**UNII-2C BAND**

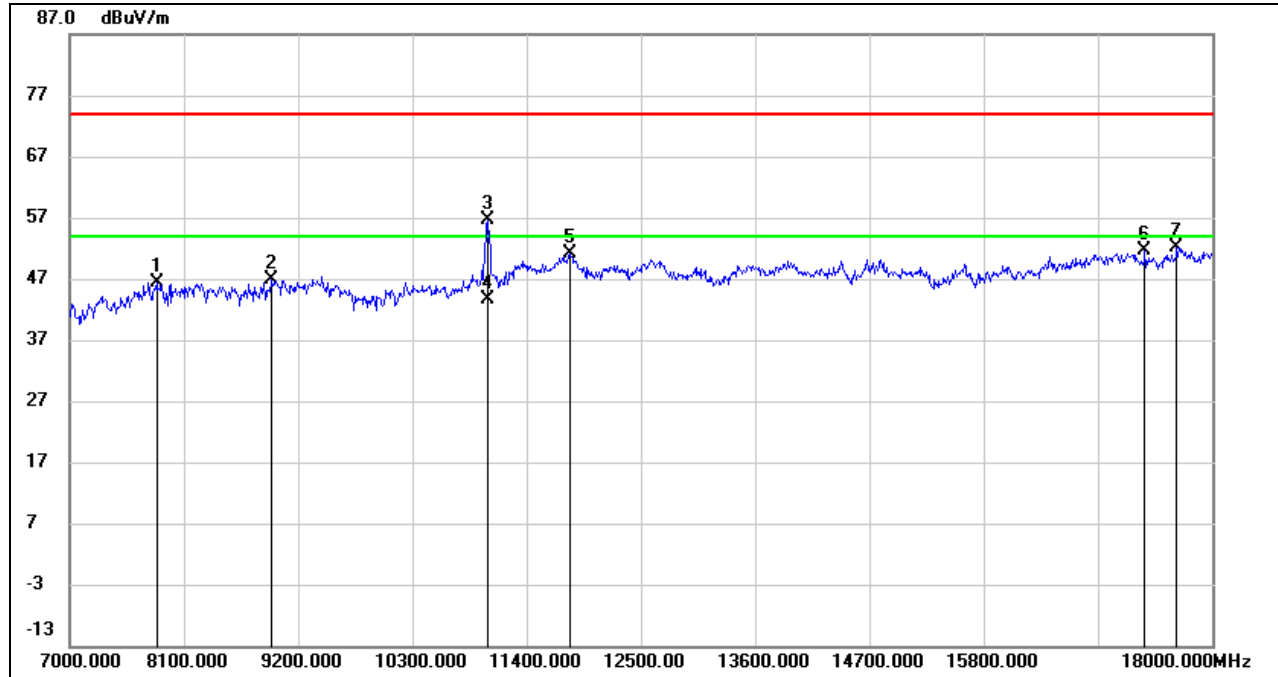
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.23	9.28	46.51	74.00	-27.49	peak
2	8936.000	37.27	9.96	47.23	74.00	-26.77	peak
3	11015.000	43.35	13.29	56.64	74.00	-17.36	peak
4	11015.000	31.36	13.29	44.65	54.00	-9.35	AVG
5	13919.000	33.60	16.89	50.49	74.00	-23.51	peak
6	17241.000	31.53	20.97	52.50	74.00	-21.50	peak
7	17989.000	30.24	22.67	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. 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.

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

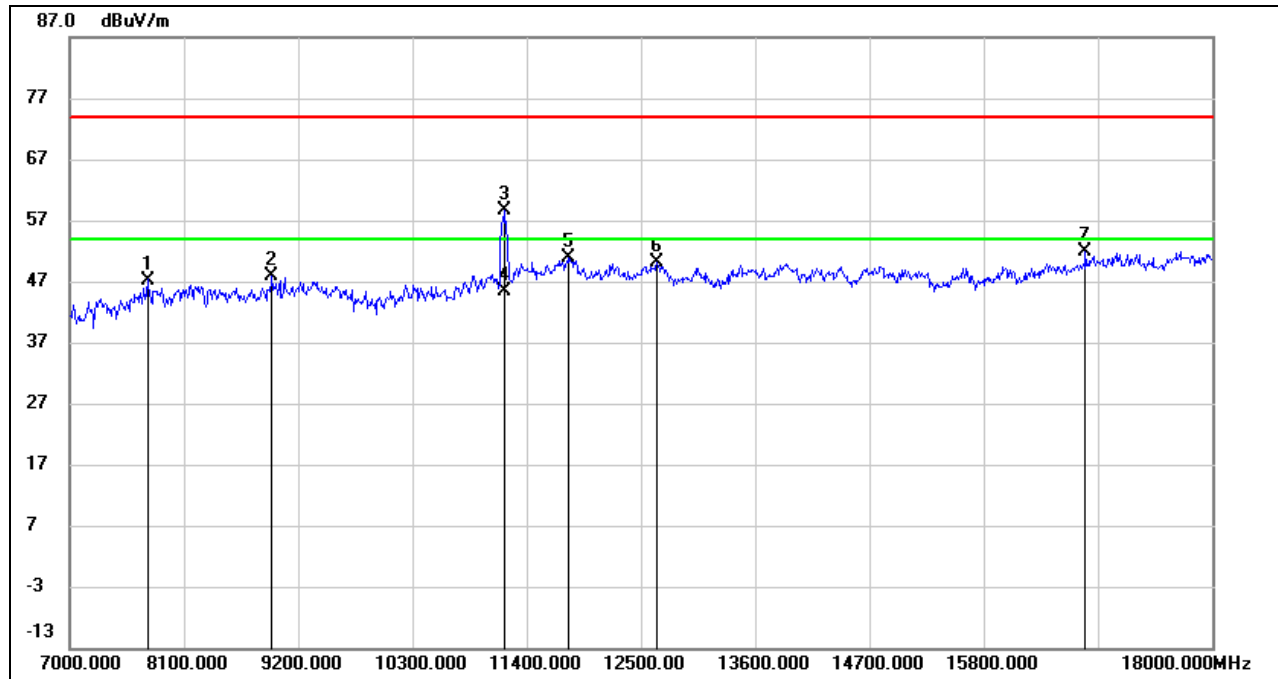


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.000	38.30	8.14	46.44	74.00	-27.56	peak
2	8947.000	36.89	10.07	46.96	74.00	-27.04	peak
3	11026.000	43.28	13.31	56.59	74.00	-17.41	peak
4	11026.000	30.34	13.31	43.65	54.00	-10.35	AVG
5	11818.000	35.52	15.58	51.10	74.00	-22.90	peak
6	17351.000	30.92	20.81	51.73	74.00	-22.27	peak
7	17659.000	30.53	21.63	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. 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.



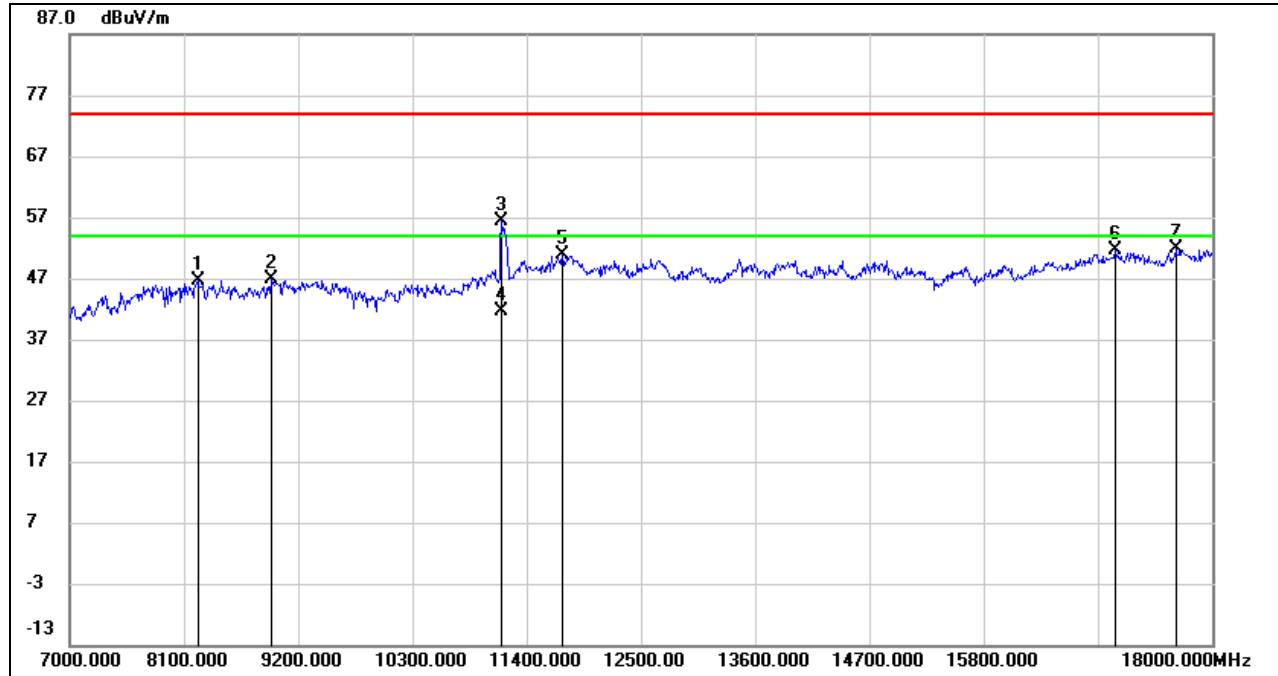
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	39.20	8.05	47.25	74.00	-26.75	peak
2	8947.000	37.84	10.07	47.91	74.00	-26.09	peak
3	11180.000	45.11	13.60	58.71	74.00	-15.29	peak
4	11180.000	31.75	13.60	45.35	54.00	-8.65	AVG
5	11796.000	35.20	15.59	50.79	74.00	-23.21	peak
6	12654.000	34.65	15.38	50.03	74.00	-23.97	peak
7	16779.000	32.13	19.72	51.85	74.00	-22.15	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.

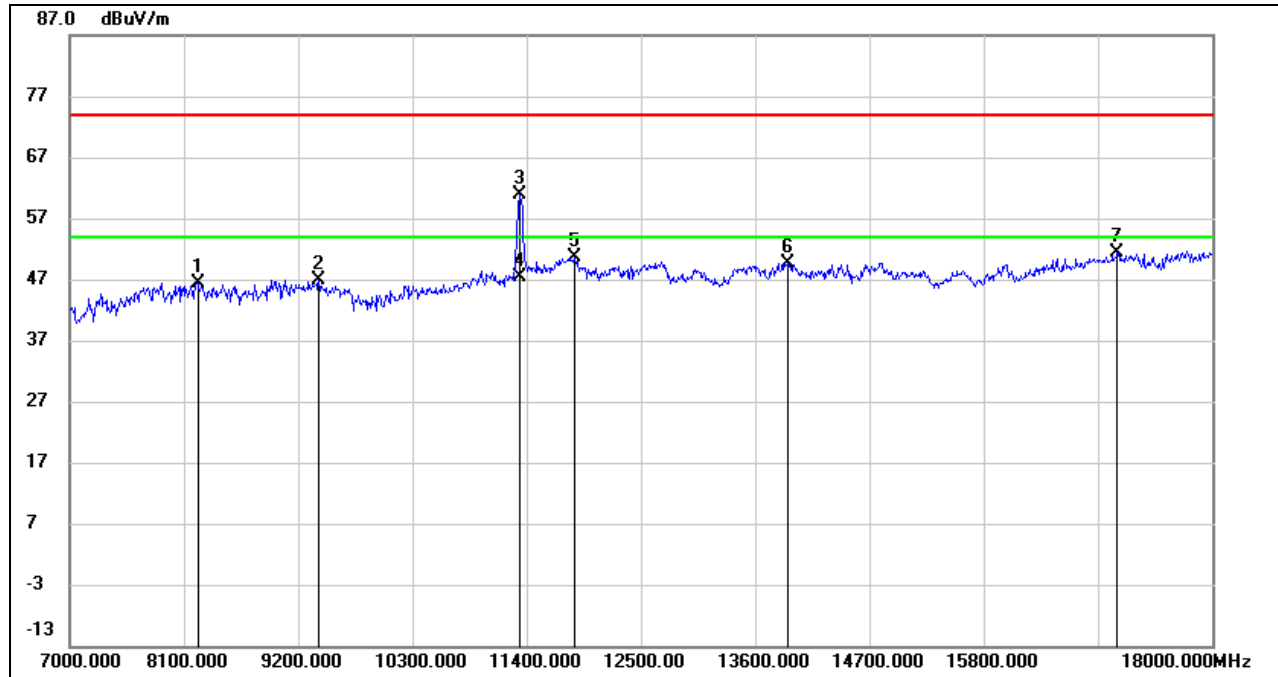
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.48	9.23	46.71	74.00	-27.29	peak
2	8936.000	37.01	9.96	46.97	74.00	-27.03	peak
3	11158.000	42.78	13.56	56.34	74.00	-17.66	peak
4	11158.000	28.12	13.56	41.68	54.00	-12.32	AVG
5	11741.000	35.63	15.28	50.91	74.00	-23.09	peak
6	17065.000	31.07	20.49	51.56	74.00	-22.44	peak
7	17648.000	30.28	21.54	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. 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.

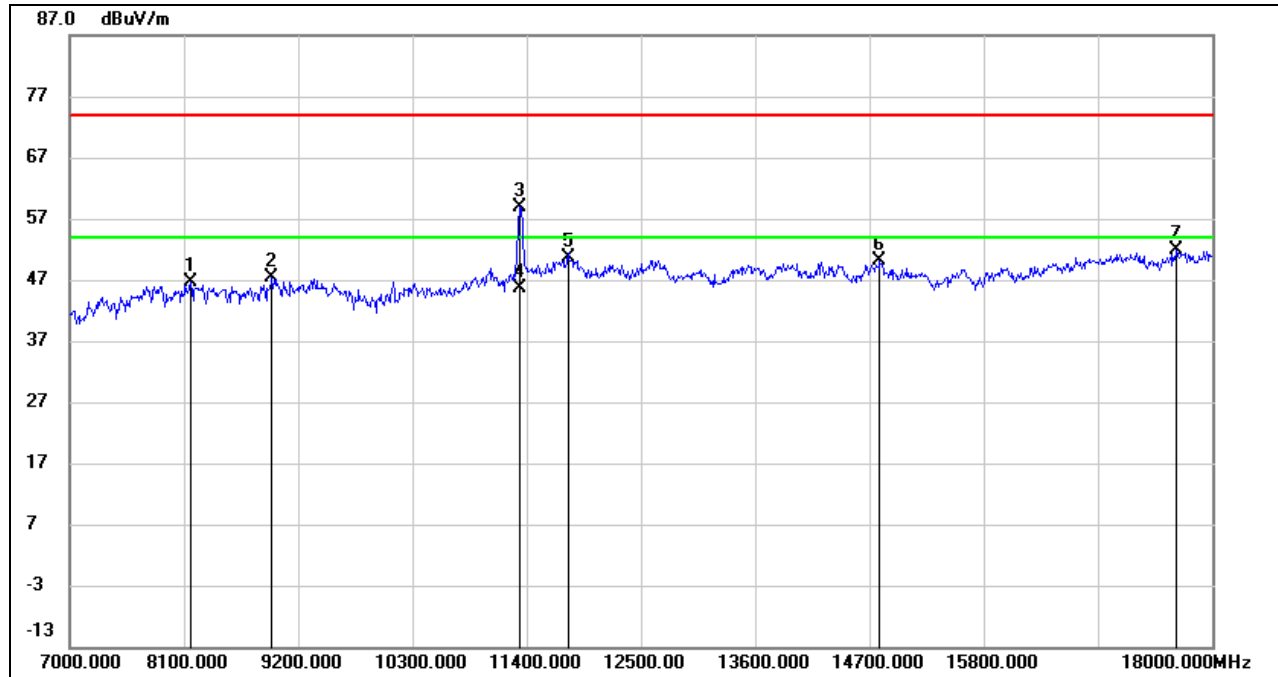
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.14	9.23	46.37	74.00	-27.63	peak
2	9398.000	36.69	10.30	46.99	74.00	-27.01	peak
3	11334.000	46.92	14.02	60.94	74.00	-13.06	peak
4	11334.000	33.43	14.02	47.45	54.00	-6.55	AVG
5	11862.000	35.15	15.52	50.67	74.00	-23.33	peak
6	13919.000	32.84	16.89	49.73	74.00	-24.27	peak
7	17087.000	30.90	20.58	51.48	74.00	-22.52	peak

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

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



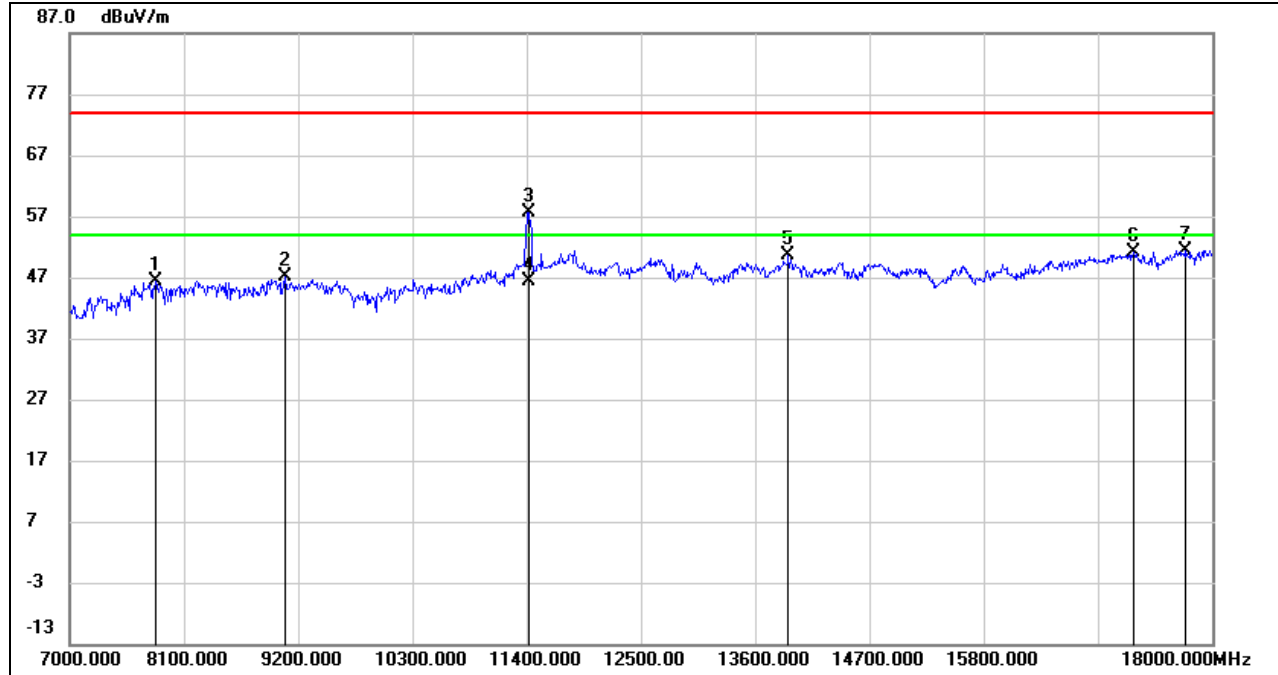
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8166.000	37.50	9.07	46.57	74.00	-27.43	peak
2	8947.000	37.31	10.07	47.38	74.00	-26.62	peak
3	11334.000	44.95	14.02	58.97	74.00	-15.03	peak
4	11334.000	31.66	14.02	45.68	54.00	-8.32	AVG
5	11807.000	35.10	15.61	50.71	74.00	-23.29	peak
6	14799.000	33.29	16.80	50.09	74.00	-23.91	peak
7	17659.000	30.21	21.63	51.84	74.00	-22.16	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.



**STRADDLE CHANNEL 142**

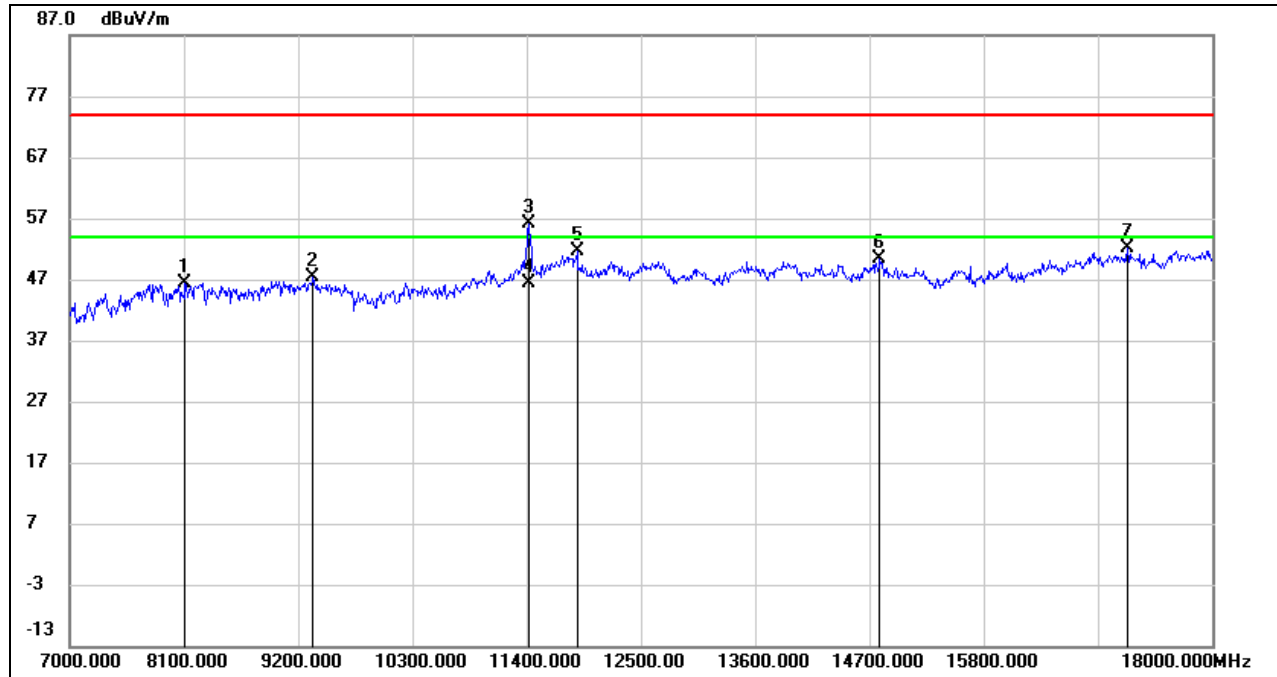
**HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	38.28	8.18	46.46	74.00	-27.54	peak
2	9068.000	36.87	10.17	47.04	74.00	-26.96	peak
3	11422.000	43.45	14.25	57.70	74.00	-16.30	peak
4	11422.000	32.10	14.25	46.35	54.00	-7.65	AVG
5	13919.000	33.72	16.89	50.61	74.00	-23.39	peak
6	17241.000	30.11	20.97	51.08	74.00	-22.92	peak
7	17747.000	29.01	22.31	51.32	74.00	-22.68	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:  $VBW=1/T_{on}$ , where:  $T_{on}$  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.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	37.70	8.61	46.31	74.00	-27.69	peak
2	9343.000	37.28	10.02	47.30	74.00	-26.70	peak
3	11422.000	41.77	14.25	56.02	74.00	-17.98	peak
4	11422.000	32.10	14.25	46.35	54.00	-7.65	AVG
5	11884.000	36.24	15.49	51.73	74.00	-22.27	peak
6	14799.000	33.60	16.80	50.40	74.00	-23.60	peak
7	17186.000	31.06	20.98	52.04	74.00	-21.96	peak

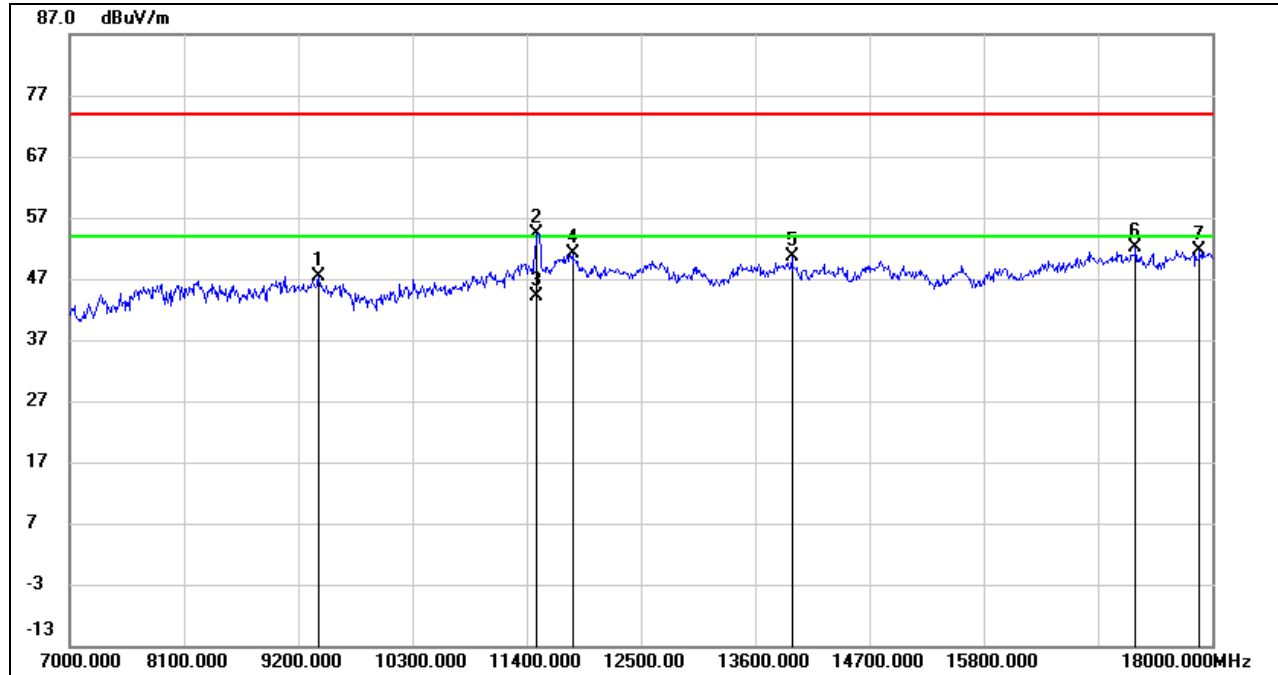
- Note:
1. Measurement = Reading Level + Correct Factor.
  2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  3. Peak: Peak detector.
  4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.
  5. For the transmitting duration, please refer to clause 7.1.
  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.





**UNII-3 BAND**

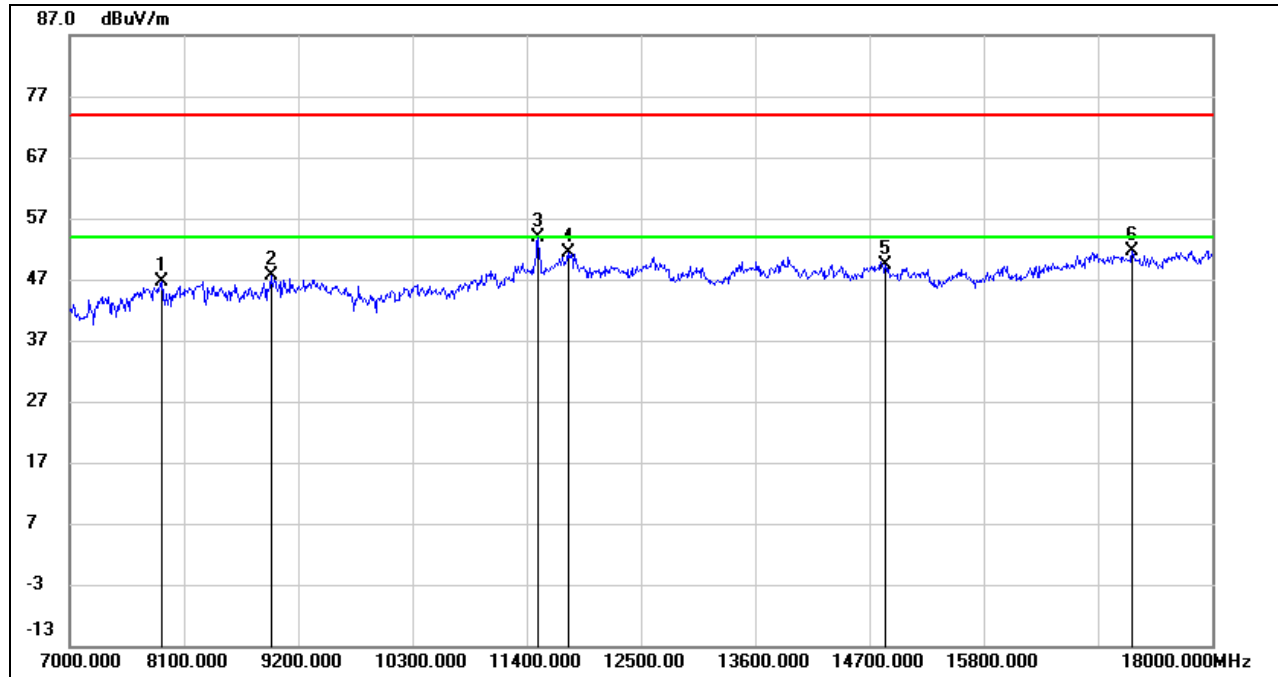
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9398.000	37.06	10.30	47.36	74.00	-26.64	peak
2	11499.000	40.07	14.36	54.43	74.00	-19.57	peak
3	11840.000	29.79	14.36	44.15	54.00	-9.85	AVG
4	11840.000	35.56	15.56	51.12	74.00	-22.88	peak
5	13952.000	33.73	16.88	50.61	74.00	-23.39	peak
6	17263.000	31.07	20.95	52.02	74.00	-21.98	peak
7	17879.000	28.84	22.70	51.54	74.00	-22.46	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. 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.

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

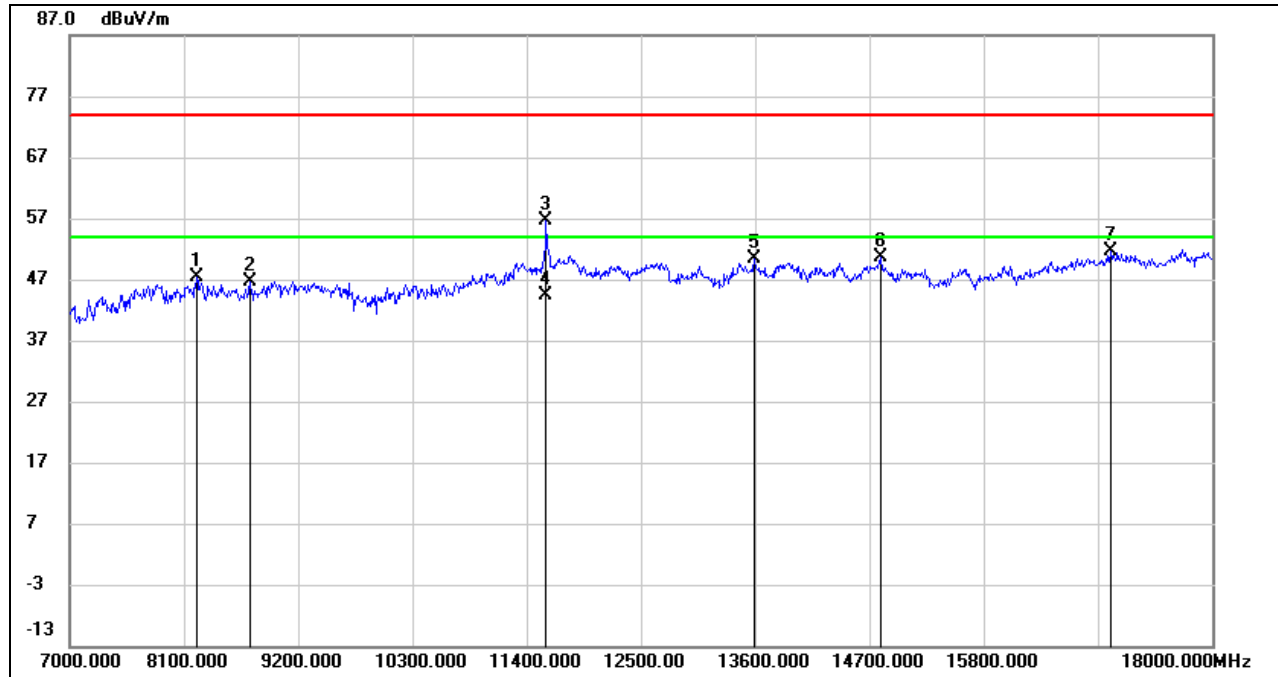


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	38.74	7.98	46.72	74.00	-27.28	peak
2	8936.000	37.56	9.96	47.52	74.00	-26.48	peak
3	11510.000	39.52	14.37	53.89	74.00	-20.11	peak
4	11796.000	35.74	15.59	51.33	74.00	-22.67	peak
5	14854.000	32.51	16.83	49.34	74.00	-24.66	peak
6	17230.000	30.61	20.99	51.60	74.00	-22.40	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.



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

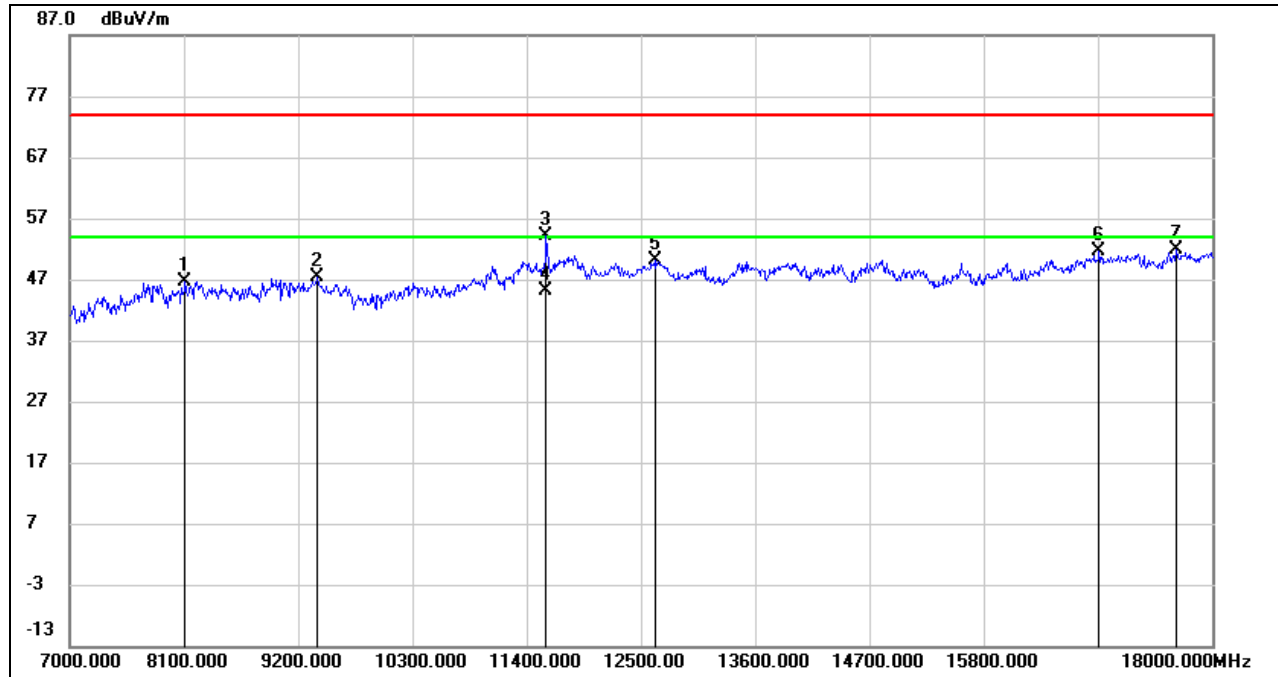


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.99	9.28	47.27	74.00	-26.73	peak
2	8738.000	38.18	8.53	46.71	74.00	-27.29	peak
3	11587.000	42.23	14.50	56.73	74.00	-17.27	peak
4	11587.000	29.85	14.50	44.35	54.00	-9.65	AVG
5	13589.000	33.90	16.42	50.32	74.00	-23.68	peak
6	14810.000	33.79	16.80	50.59	74.00	-23.41	peak
7	17021.000	31.40	20.32	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, VERTICAL)**



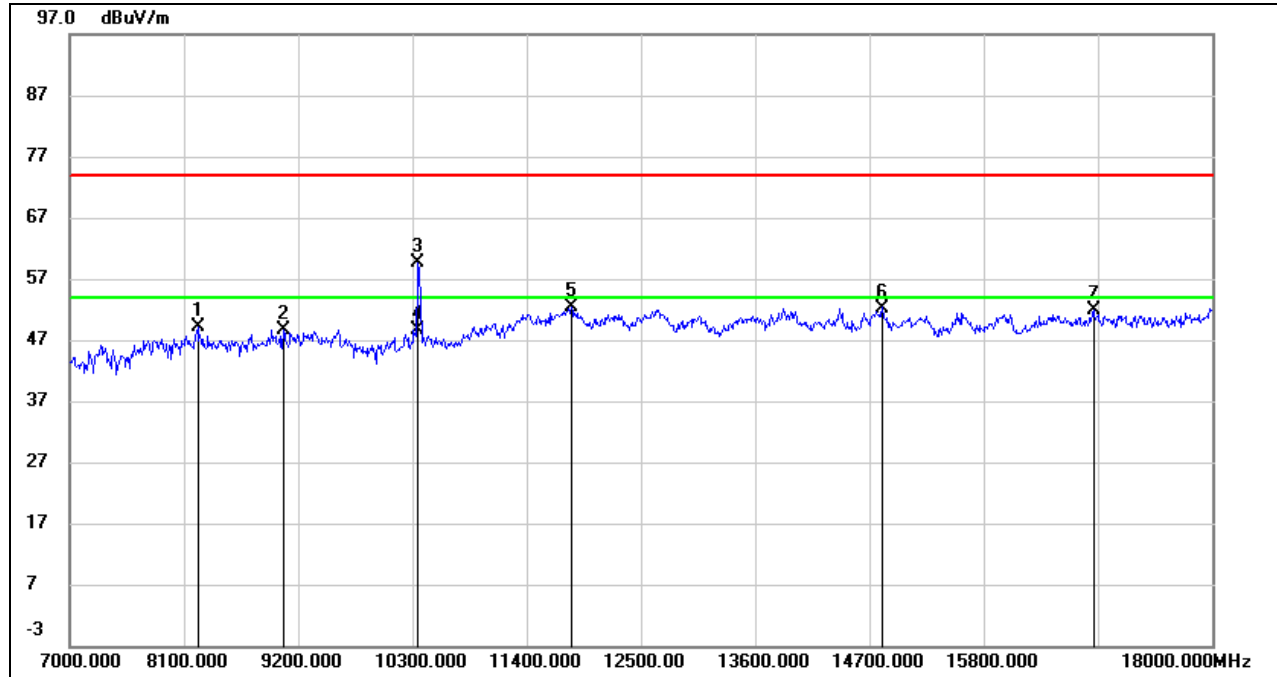
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.03	8.61	46.64	74.00	-27.36	peak
2	9387.000	37.14	10.24	47.38	74.00	-26.62	peak
3	11587.000	39.57	14.50	54.07	74.00	-19.93	peak
4	11587.000	30.75	14.50	45.25	54.00	-8.75	AVG
5	12643.000	34.66	15.36	50.02	74.00	-23.98	peak
6	16911.000	31.63	20.02	51.65	74.00	-22.35	peak
7	17659.000	30.35	21.63	51.98	74.00	-22.02	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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. 802.11ax HE20 SISO MODE

UNII-1 BAND

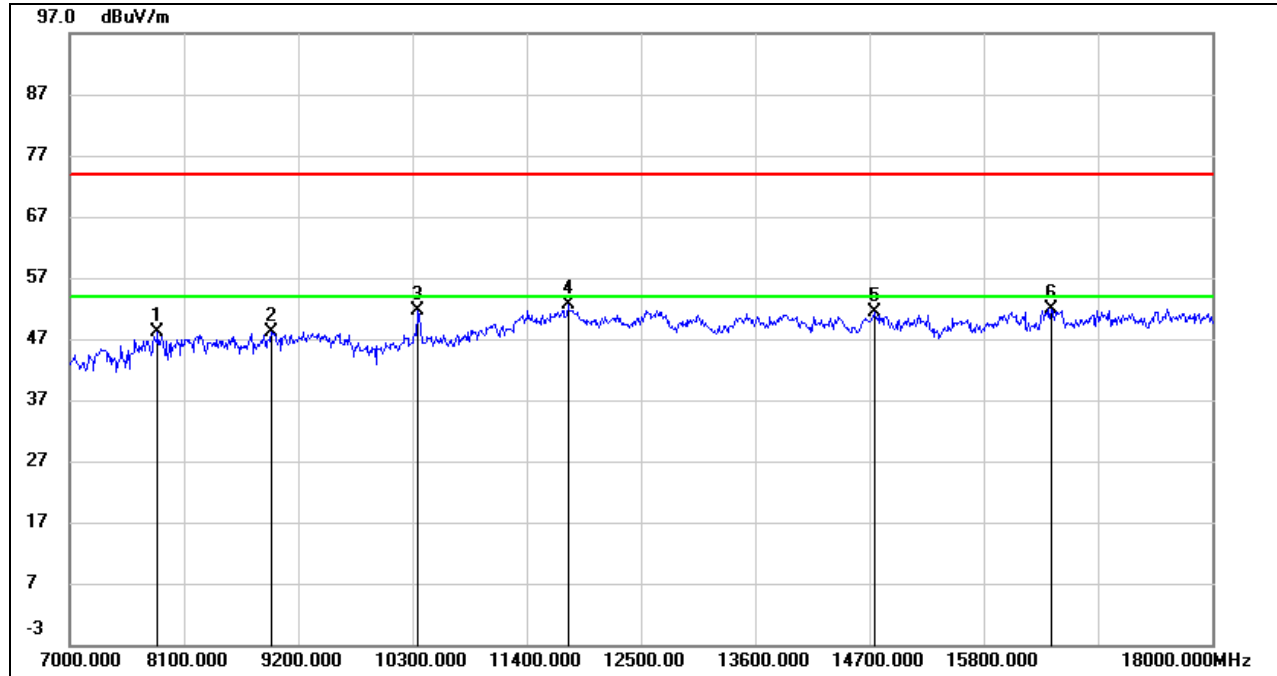
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	38.78	10.41	49.19	74.00	-24.81	peak
2	9057.000	37.11	11.40	48.51	74.00	-25.49	peak
3	10355.000	47.28	12.43	59.71	74.00	-14.29	peak
4	10355.000	36.22	12.43	48.65	54.00	-5.35	AVG
5	11829.000	35.71	16.67	52.38	74.00	-21.62	peak
6	14821.000	34.43	17.82	52.25	74.00	-21.75	peak
7	16856.000	30.81	21.10	51.91	74.00	-22.09	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. 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.

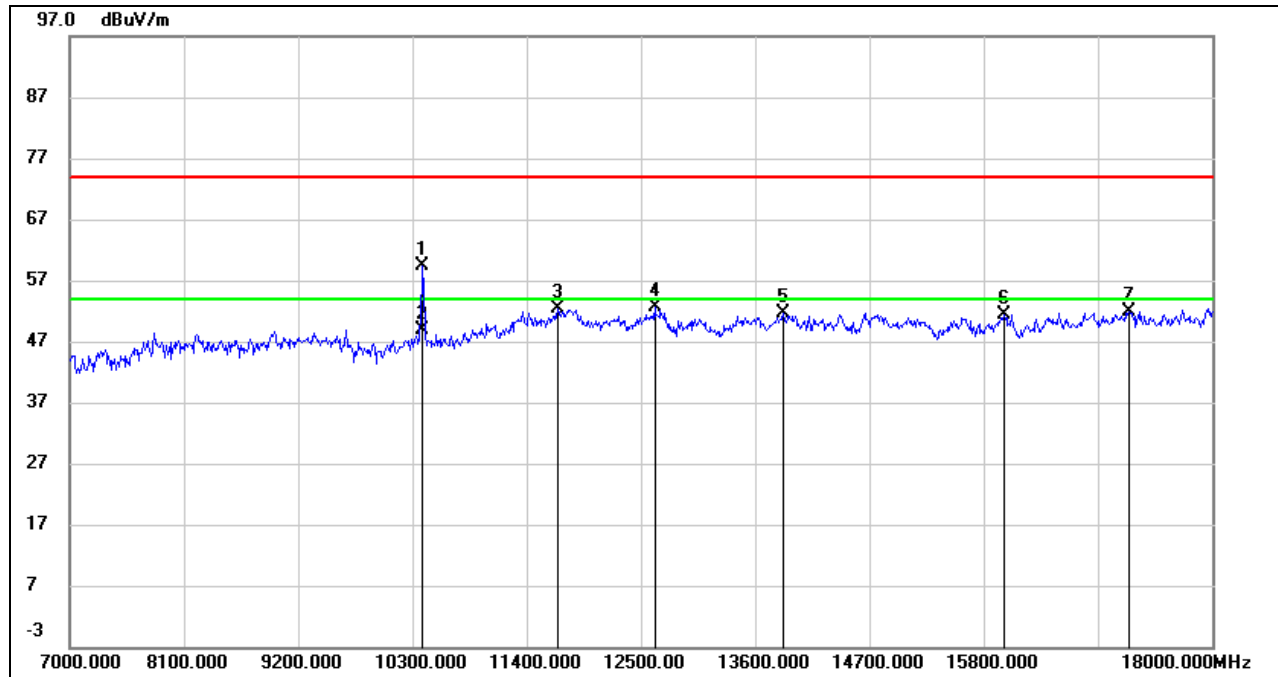
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	38.72	9.35	48.07	74.00	-25.93	peak
2	8936.000	37.10	11.10	48.20	74.00	-25.80	peak
3	10355.000	39.31	12.43	51.74	74.00	-22.26	peak
4	11796.000	35.98	16.69	52.67	74.00	-21.33	peak
5	14755.000	33.58	17.77	51.35	74.00	-22.65	peak
6	16449.000	31.80	20.04	51.84	74.00	-22.16	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.

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

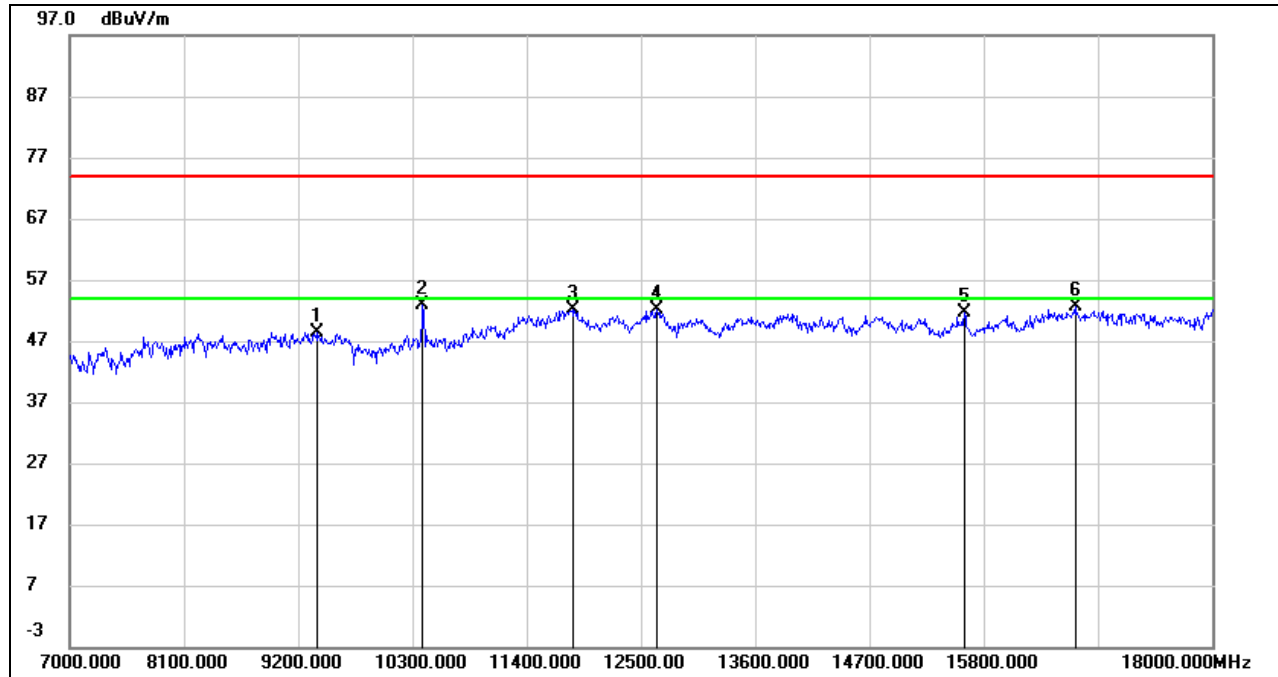


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10399.000	46.78	12.62	59.40	74.00	-14.60	peak
2	10399.000	36.34	12.62	48.96	54.00	-5.04	AVG
3	11697.000	36.02	16.24	52.26	74.00	-21.74	peak
4	12632.000	35.75	16.82	52.57	74.00	-21.43	peak
5	13875.000	33.57	18.04	51.61	74.00	-22.39	peak
6	15998.000	32.90	18.52	51.42	74.00	-22.58	peak
7	17197.000	29.53	22.46	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 (MID CHANNEL, VERTICAL)**

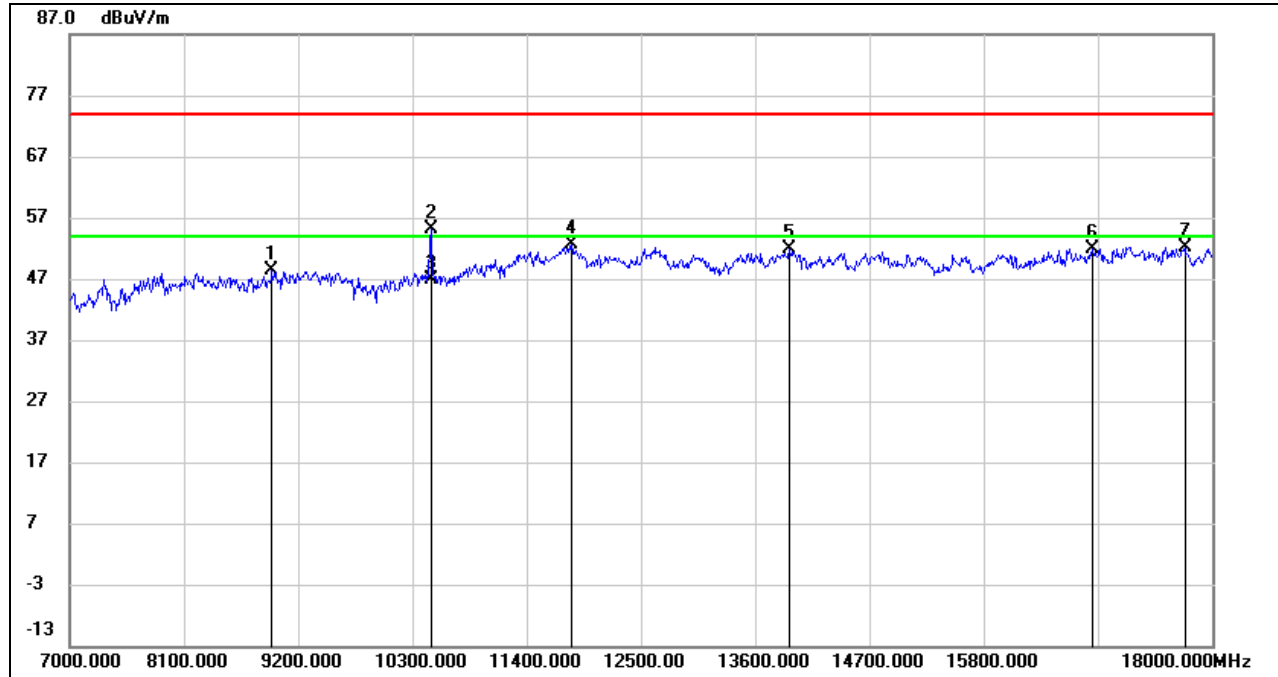


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.15	11.34	48.49	74.00	-25.51	peak
2	10399.000	40.24	12.62	52.86	74.00	-21.14	peak
3	11840.000	35.48	16.66	52.14	74.00	-21.86	peak
4	12654.000	35.24	16.81	52.05	74.00	-21.95	peak
5	15613.000	33.66	17.93	51.59	74.00	-22.41	peak
6	16680.000	31.80	20.87	52.67	74.00	-21.33	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.



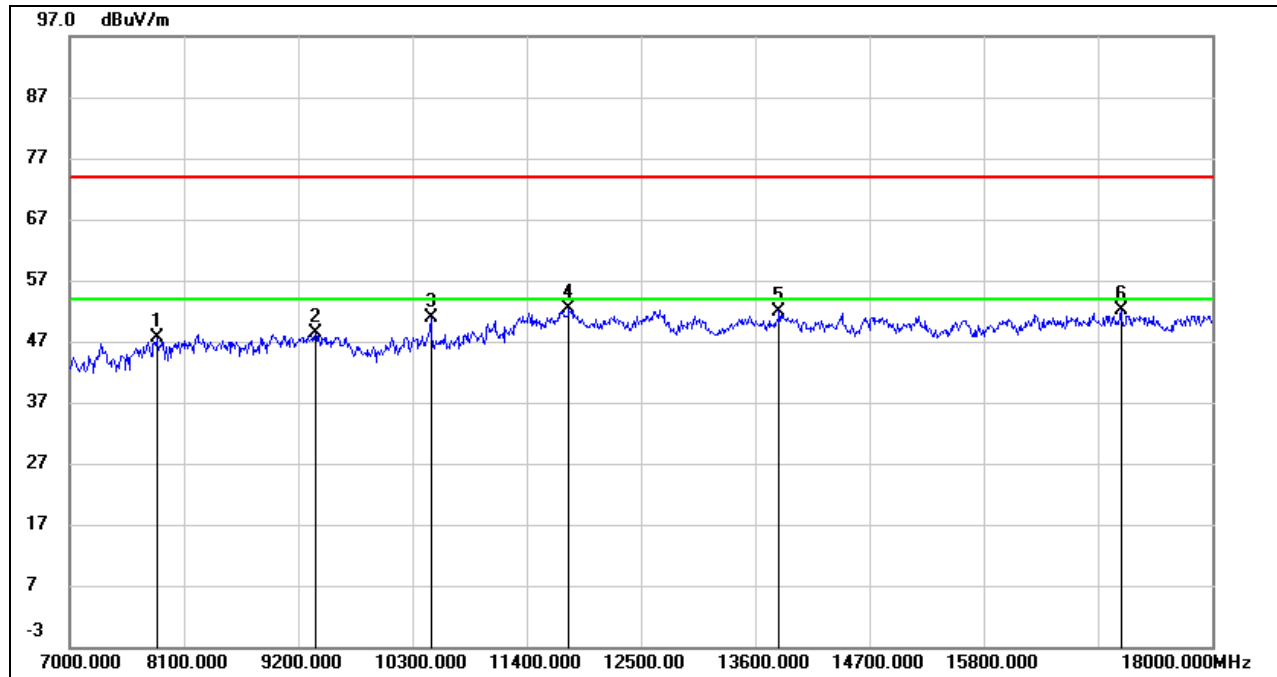
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	37.13	11.21	48.34	74.00	-25.66	peak
2	10476.000	42.21	12.98	55.19	74.00	-18.81	peak
3	10476.000	33.97	12.98	46.95	54.00	-7.05	AVG
4	11829.000	35.99	16.67	52.66	74.00	-21.34	peak
5	13930.000	33.95	17.97	51.92	74.00	-22.08	peak
6	16845.000	30.90	21.09	51.99	74.00	-22.01	peak
7	17736.000	28.75	23.50	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. 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.

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

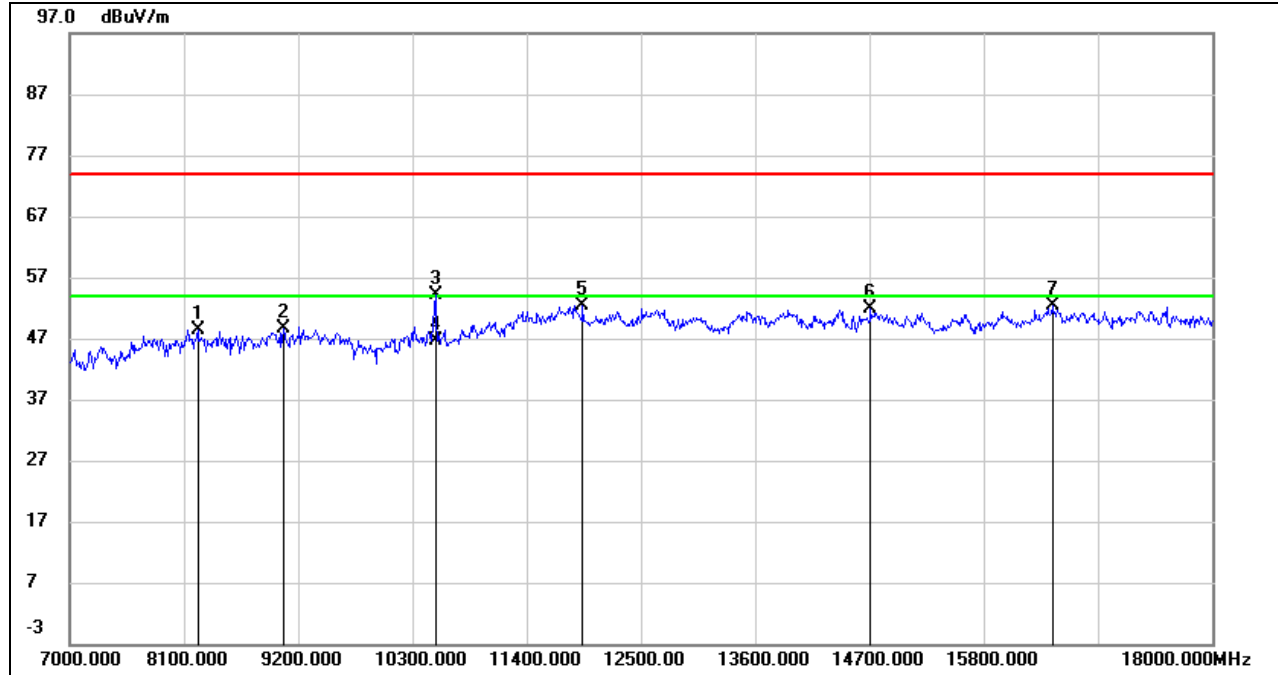


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.000	38.18	9.38	47.56	74.00	-26.44	peak
2	9365.000	37.19	11.29	48.48	74.00	-25.52	peak
3	10476.000	37.81	12.98	50.79	74.00	-23.21	peak
4	11807.000	35.61	16.70	52.31	74.00	-21.69	peak
5	13831.000	33.91	18.09	52.00	74.00	-22.00	peak
6	17120.000	30.00	22.03	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. 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.

**UNII-2A BAND**

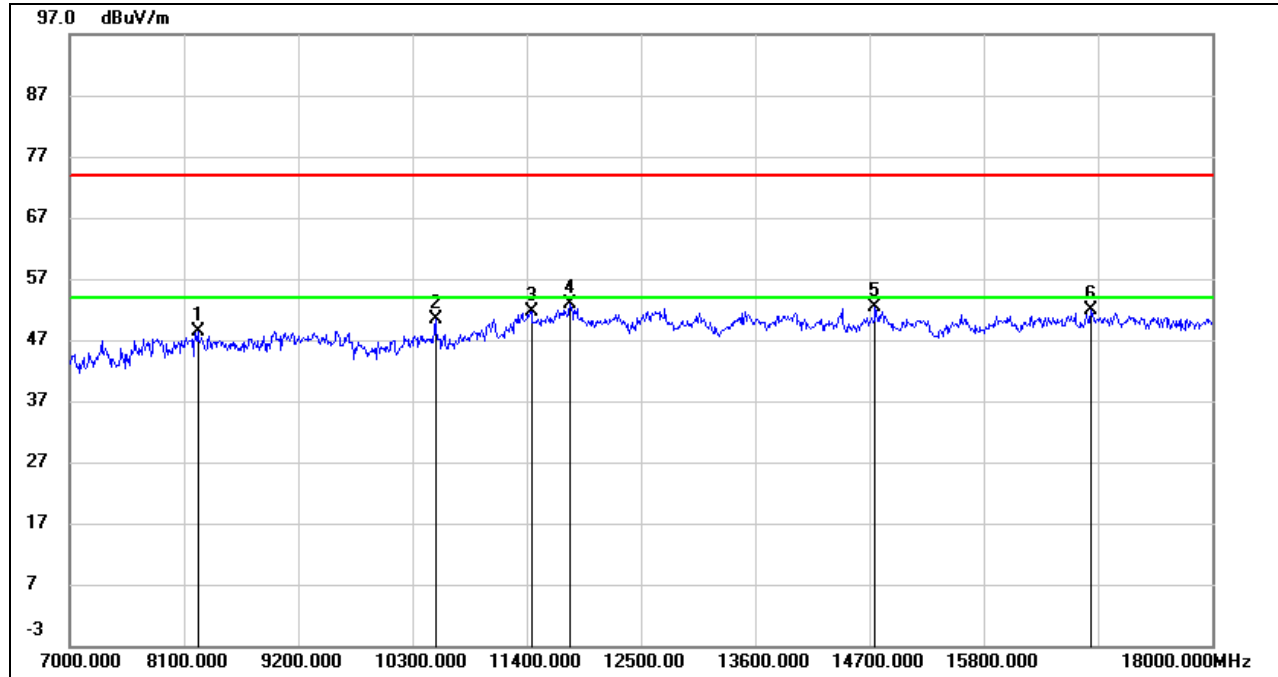
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	38.03	10.41	48.44	74.00	-25.56	peak
2	9057.000	37.19	11.40	48.59	74.00	-25.41	peak
3	10520.000	40.91	13.17	54.08	74.00	-19.92	peak
4	10520.000	33.45	13.17	46.62	54.00	-7.38	AVG
5	11939.000	35.92	16.56	52.48	74.00	-21.52	peak
6	14711.000	34.10	17.71	51.81	74.00	-22.19	peak
7	16460.000	32.19	20.10	52.29	74.00	-21.71	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. 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.

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

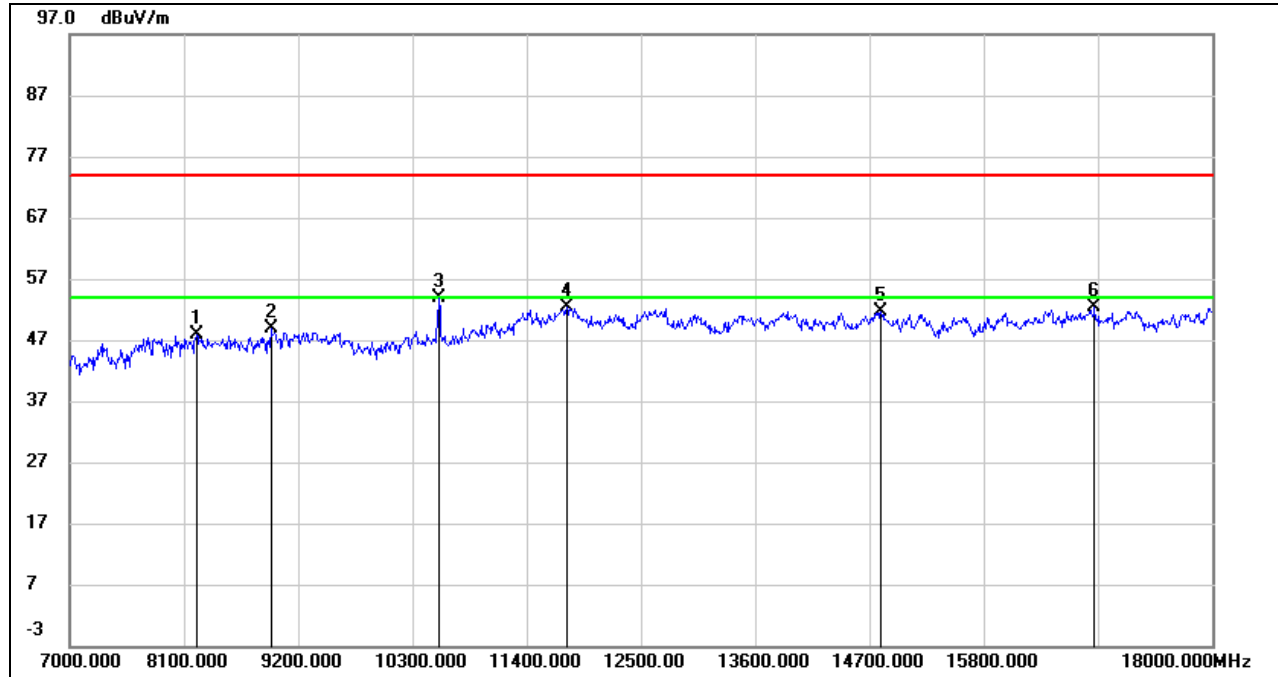


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.97	10.41	48.38	74.00	-25.62	peak
2	10520.000	37.20	13.17	50.37	74.00	-23.63	peak
3	11444.000	36.06	15.50	51.56	74.00	-22.44	peak
4	11818.000	36.18	16.68	52.86	74.00	-21.14	peak
5	14755.000	34.60	17.77	52.37	74.00	-21.63	peak
6	16834.000	30.75	21.06	51.81	74.00	-22.19	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.



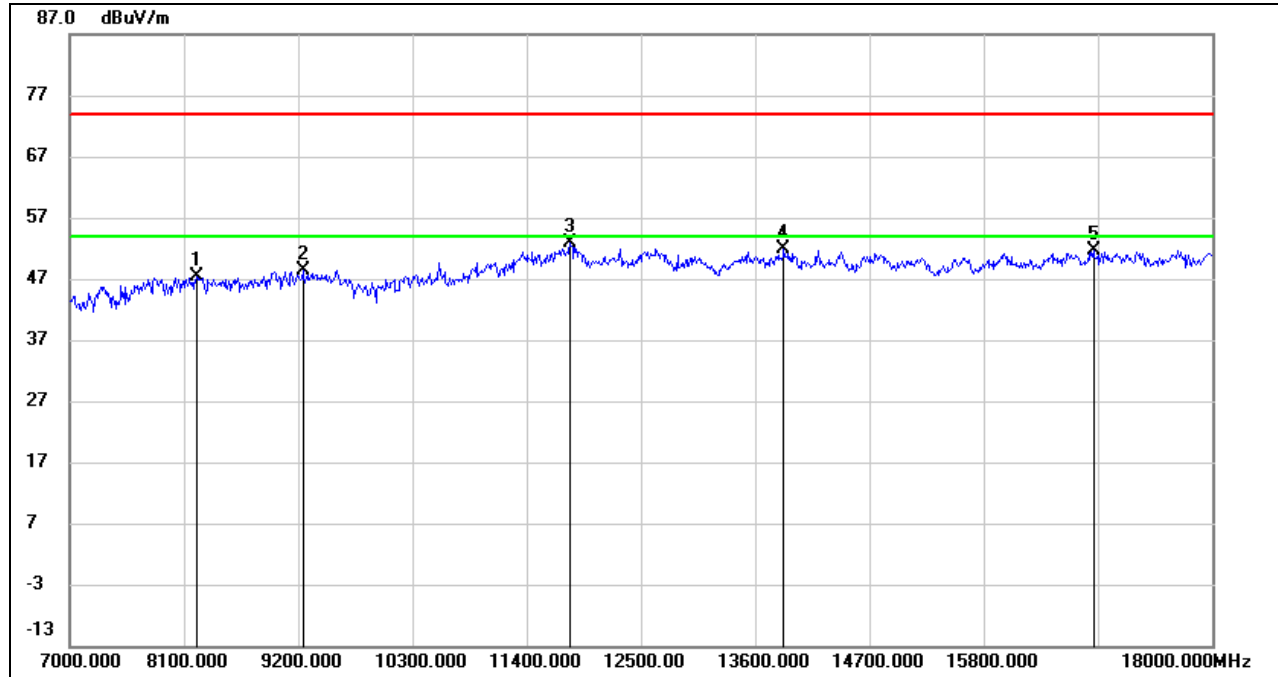
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.46	10.46	47.92	74.00	-26.08	peak
2	8936.000	37.70	11.10	48.80	74.00	-25.20	peak
3	10553.000	40.53	13.28	53.81	74.00	-20.19	peak
4	11785.000	35.79	16.63	52.42	74.00	-21.58	peak
5	14810.000	33.92	17.82	51.74	74.00	-22.26	peak
6	16867.000	31.37	21.12	52.49	74.00	-21.51	peak

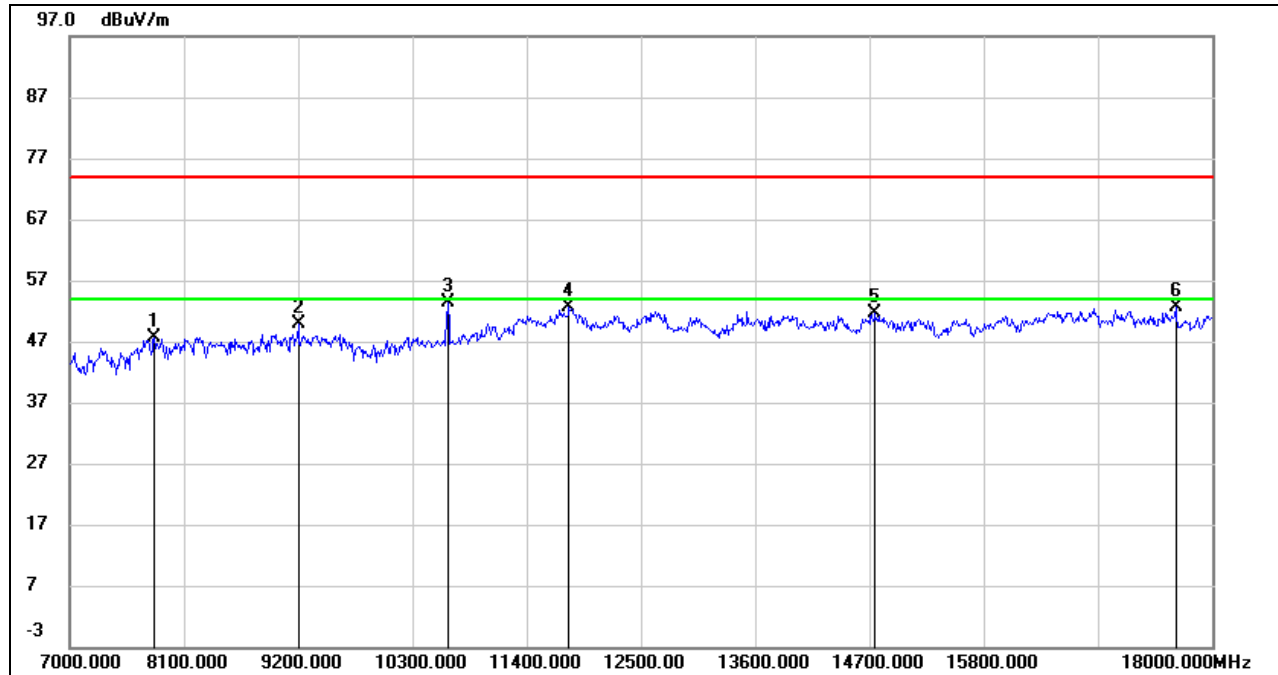
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Peak: Peak detector.  
 4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
 5. For the transmitting duration, please refer to clause 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.

**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	8221.000	36.92	10.46	47.38	74.00	-26.62	peak
2	9244.000	37.61	10.76	48.37	74.00	-25.63	peak
3	11818.000	36.23	16.68	52.91	74.00	-21.09	peak
4	13875.000	33.89	18.04	51.93	74.00	-22.07	peak
5	16856.000	30.48	21.10	51.58	74.00	-22.42	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.  
 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.

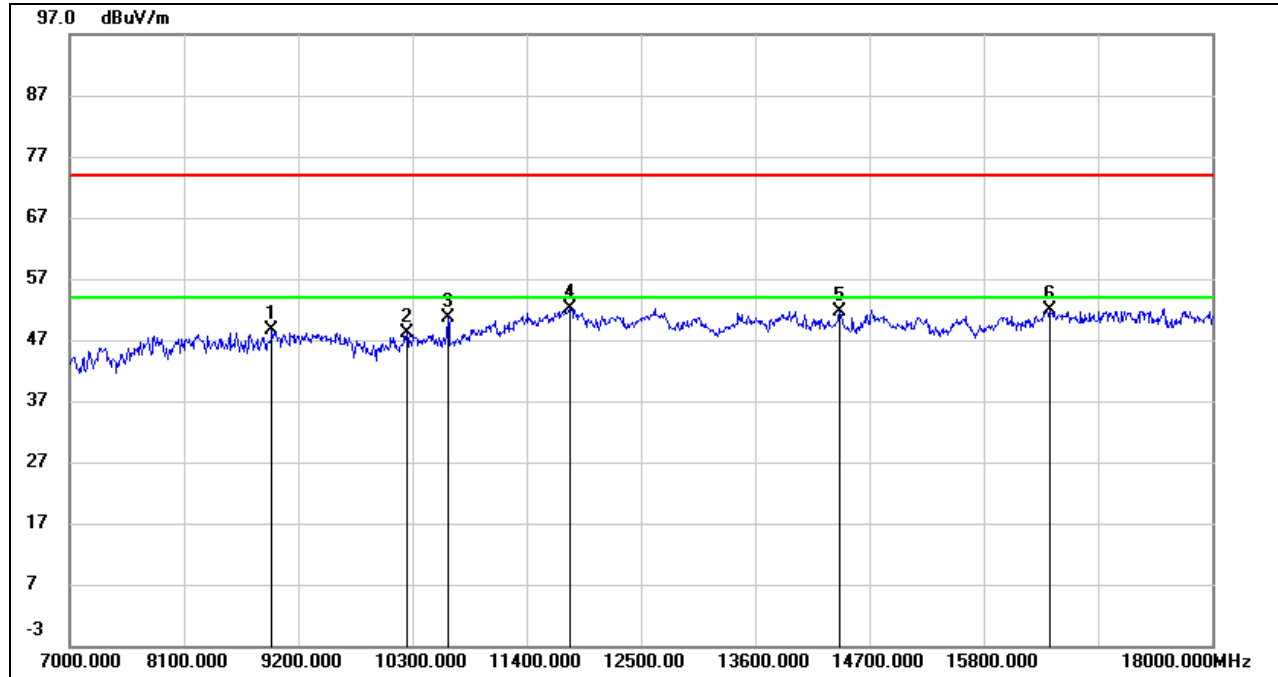
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	38.30	9.44	47.74	74.00	-26.26	peak
2	9200.000	39.20	10.57	49.77	74.00	-24.23	peak
3	10641.000	39.77	13.53	53.30	74.00	-20.70	peak
4	11807.000	35.84	16.70	52.54	74.00	-21.46	peak
5	14755.000	33.94	17.77	51.71	74.00	-22.29	peak
6	17648.000	29.71	22.89	52.60	74.00	-21.40	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.



**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	8947.000	37.30	11.21	48.51	74.00	-25.49	peak
2	10245.000	36.22	11.96	48.18	74.00	-25.82	peak
3	10641.000	37.02	13.53	50.55	74.00	-23.45	peak
4	11818.000	35.45	16.68	52.13	74.00	-21.87	peak
5	14414.000	33.72	17.91	51.63	74.00	-22.37	peak
6	16438.000	31.98	19.98	51.96	74.00	-22.04	peak

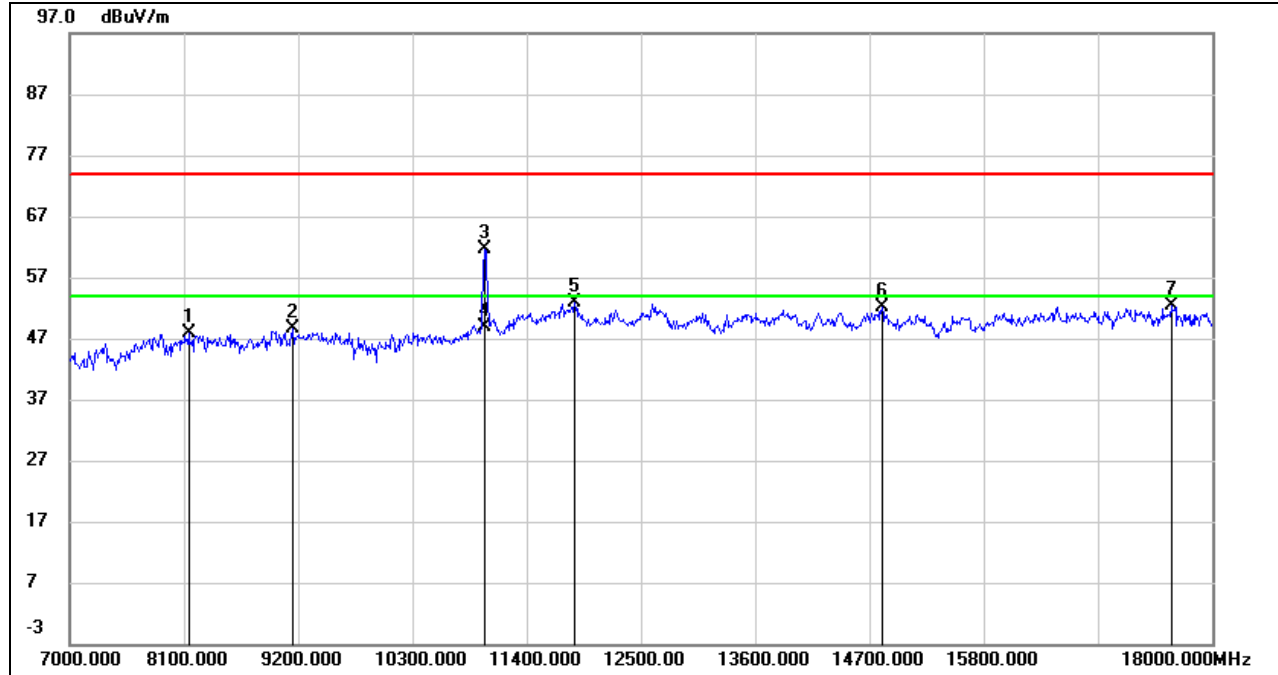
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Peak: Peak detector.  
 4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
 5. For the transmitting duration, please refer to clause 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.





**UNII-2C BAND**

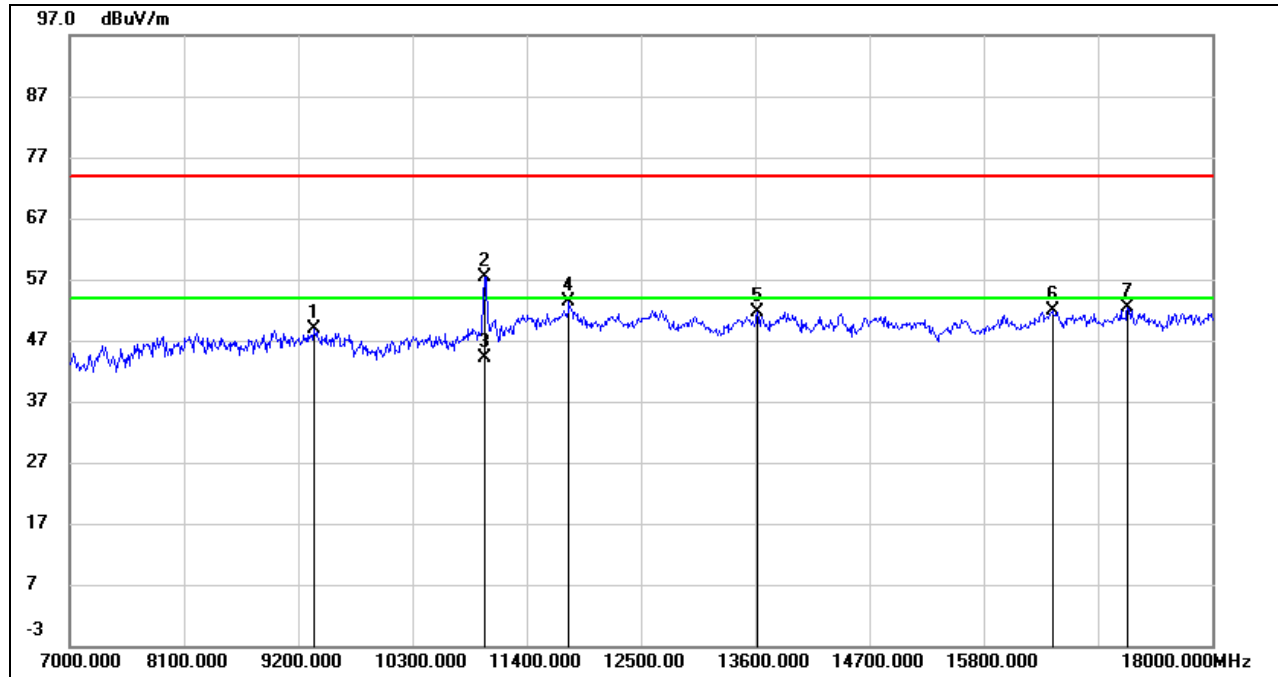
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8144.000	37.73	10.09	47.82	74.00	-26.18	peak
2	9145.000	37.65	10.89	48.54	74.00	-25.46	peak
3	10993.000	47.35	14.39	61.74	74.00	-12.26	peak
4	10993.000	34.47	14.39	48.86	54.00	-5.14	AVG
5	11862.000	36.34	16.64	52.98	74.00	-21.02	peak
6	14821.000	34.39	17.82	52.21	74.00	-21.79	peak
7	17604.000	29.90	22.59	52.49	74.00	-21.51	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.

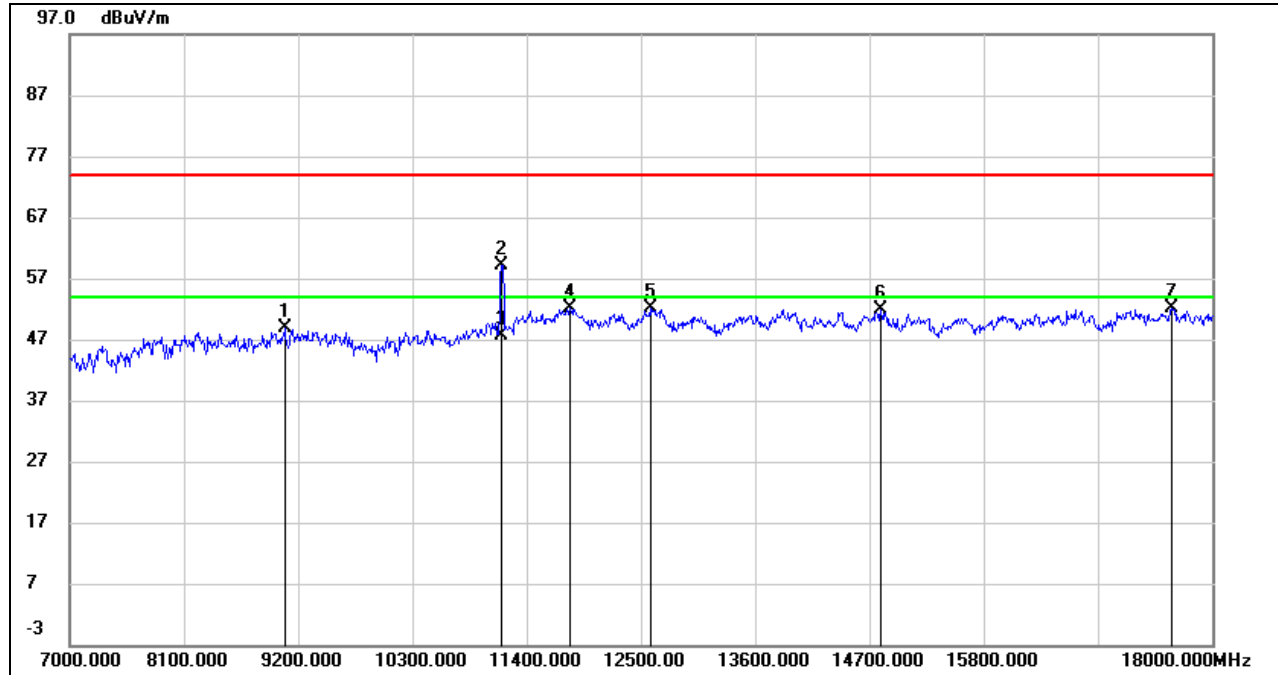
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	37.67	11.23	48.90	74.00	-25.10	peak
2	10993.000	43.06	14.39	57.45	74.00	-16.55	peak
3	10993.000	29.86	14.39	44.25	54.00	-9.75	AVG
4	11807.000	36.56	16.70	53.26	74.00	-20.74	peak
5	13622.000	34.07	17.50	51.57	74.00	-22.43	peak
6	16460.000	31.71	20.10	51.81	74.00	-22.19	peak
7	17186.000	30.03	22.39	52.42	74.00	-21.58	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. 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.

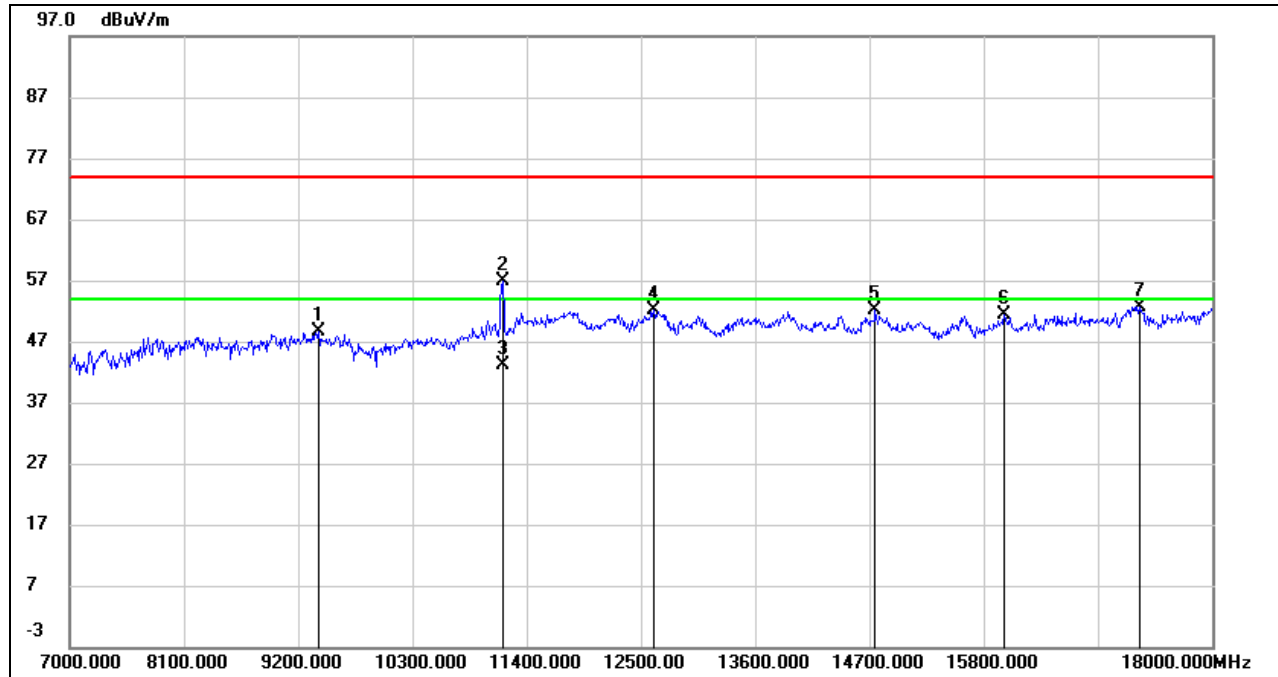
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	37.54	11.32	48.86	74.00	-25.14	peak
2	11158.000	44.33	14.81	59.14	74.00	-14.86	peak
3	11158.000	32.90	14.81	47.71	54.00	-6.29	AVG
4	11818.000	35.43	16.68	52.11	74.00	-21.89	peak
5	12588.000	35.24	16.81	52.05	74.00	-21.95	peak
6	14810.000	34.09	17.82	51.91	74.00	-22.09	peak
7	17604.000	29.63	22.59	52.22	74.00	-21.78	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. 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.

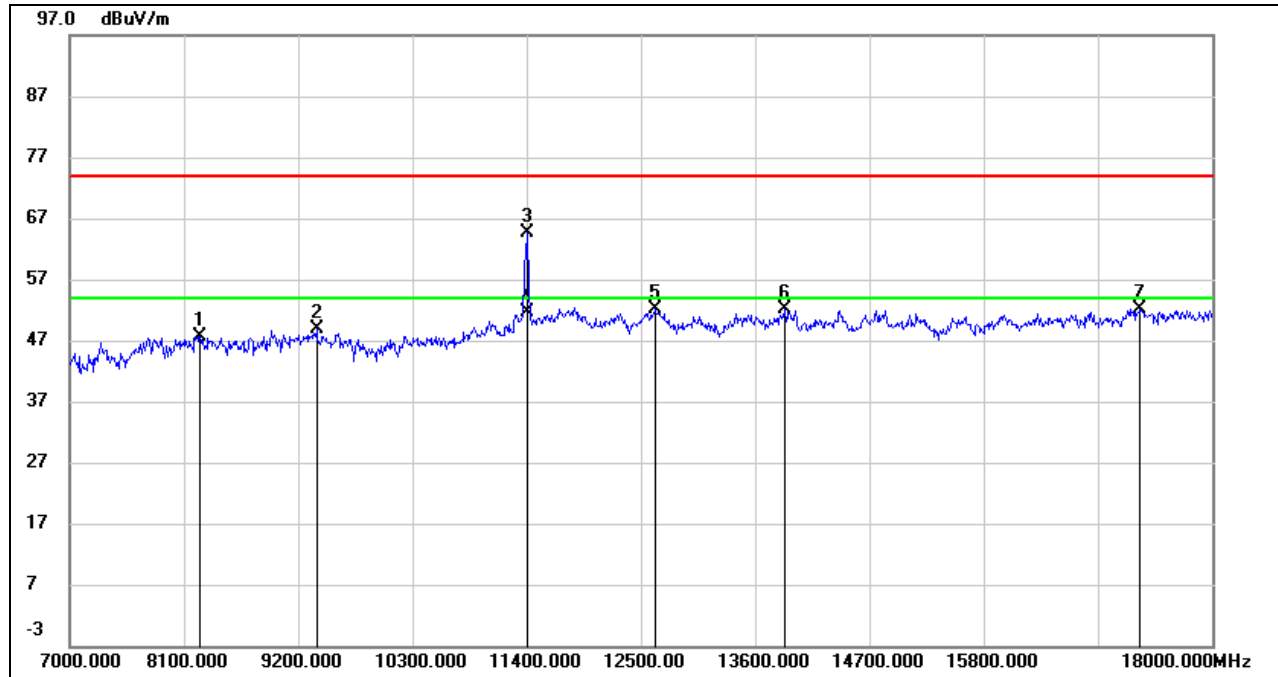
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9398.000	37.26	11.43	48.69	74.00	-25.31	peak
2	11169.000	41.95	14.85	56.80	74.00	-17.20	peak
3	11169.000	28.30	14.85	43.15	54.00	-10.85	AVG
4	12621.000	35.39	16.83	52.22	74.00	-21.78	peak
5	14755.000	34.26	17.77	52.03	74.00	-21.97	peak
6	15998.000	32.96	18.52	51.48	74.00	-22.52	peak
7	17296.000	30.53	22.18	52.71	74.00	-21.29	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. 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.

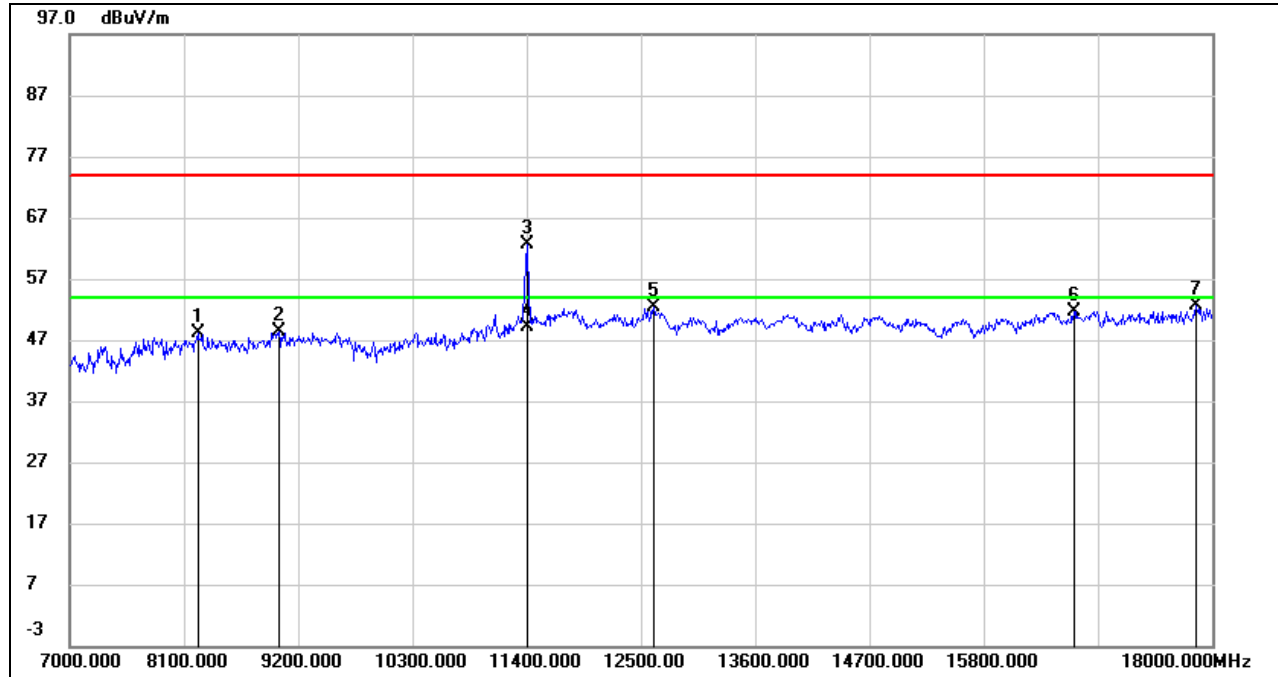
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8254.000	37.38	10.34	47.72	74.00	-26.28	peak
2	9376.000	37.45	11.34	48.79	74.00	-25.21	peak
3	11411.000	49.15	15.44	64.59	74.00	-9.41	peak
4	11411.000	36.18	15.44	51.62	54.00	-2.38	AVG
5	12632.000	35.42	16.82	52.24	74.00	-21.76	peak
6	13886.000	34.20	18.02	52.22	74.00	-21.78	peak
7	17307.000	29.96	22.14	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. 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.

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



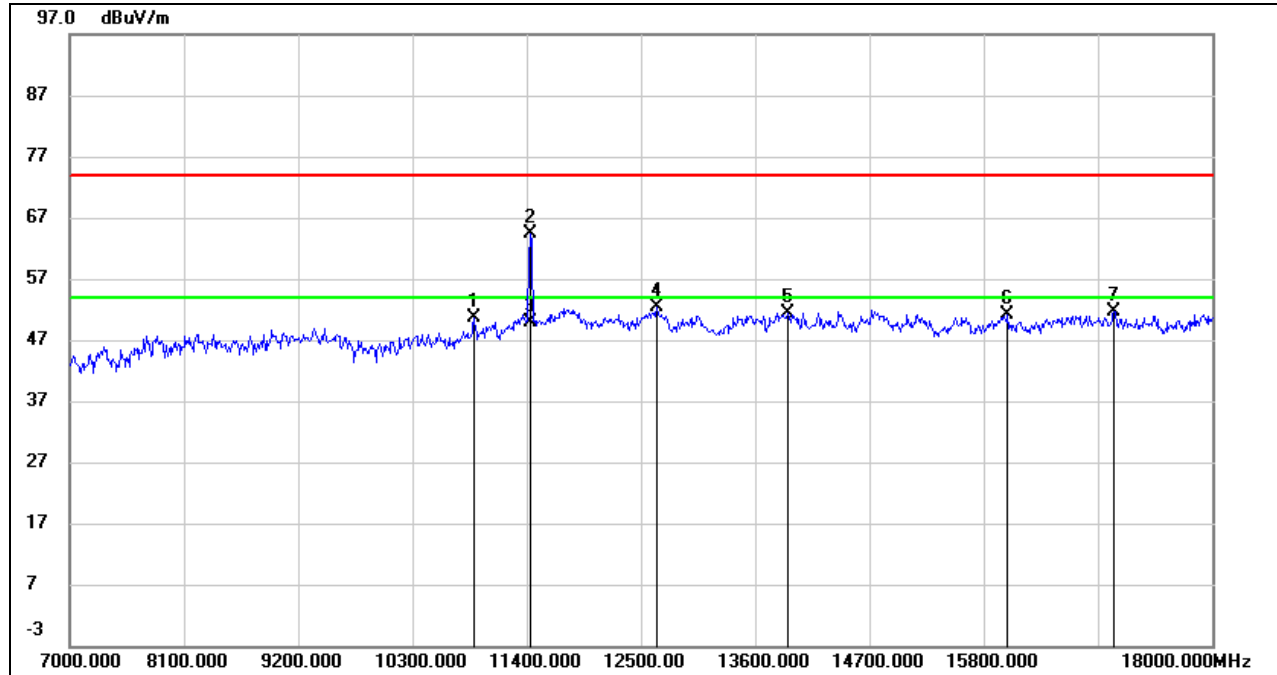
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.70	10.41	48.11	74.00	-25.89	peak
2	9013.000	36.70	11.65	48.35	74.00	-25.65	peak
3	11400.000	47.09	15.43	62.52	74.00	-11.48	peak
4	11400.000	33.82	15.43	49.25	54.00	-4.75	AVG
5	12621.000	35.54	16.83	52.37	74.00	-21.63	peak
6	16669.000	30.88	20.86	51.74	74.00	-22.26	peak
7	17846.000	28.56	23.96	52.52	74.00	-21.48	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. 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.



**STRADDLE CHANNEL 144**

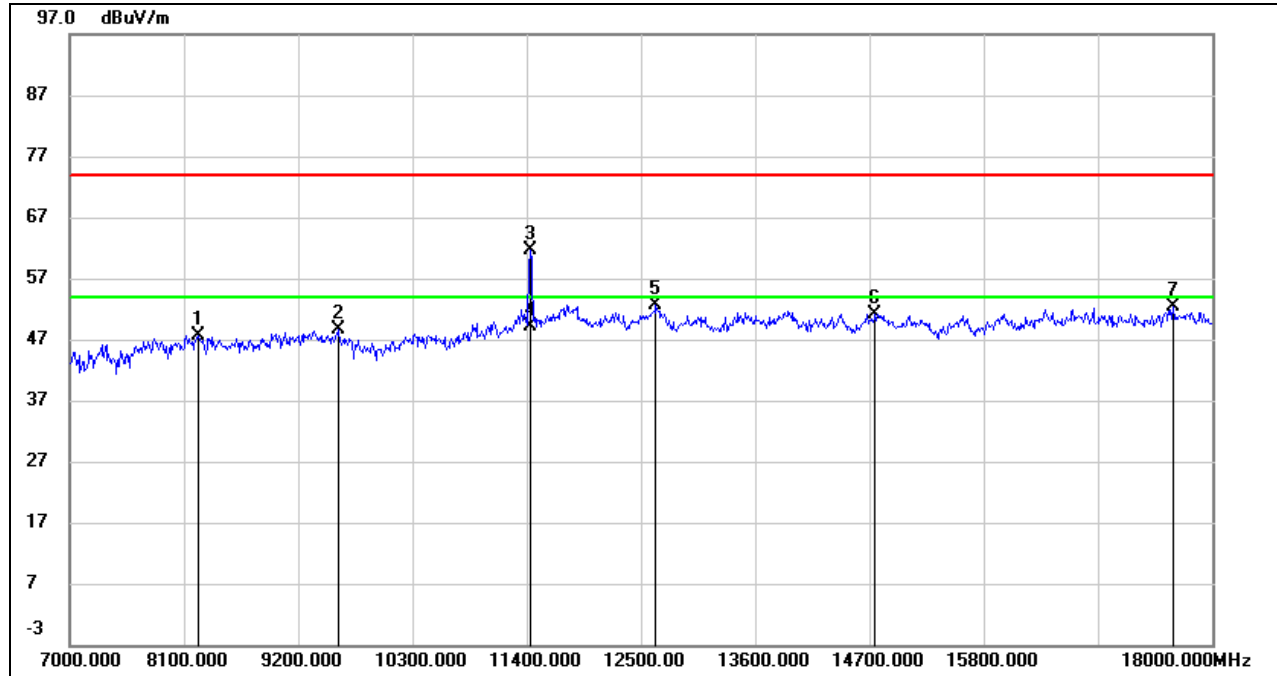
**HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10894.000	36.57	14.12	50.69	74.00	-23.31	peak
2	11433.000	48.92	15.49	64.41	74.00	-9.59	peak
3	11433.000	34.37	15.49	49.86	54.00	-4.14	AVG
4	12654.000	35.51	16.81	52.32	74.00	-21.68	peak
5	13919.000	33.49	17.97	51.46	74.00	-22.54	peak
6	16031.000	32.45	18.58	51.03	74.00	-22.97	peak
7	17054.000	29.90	21.66	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. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  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.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**



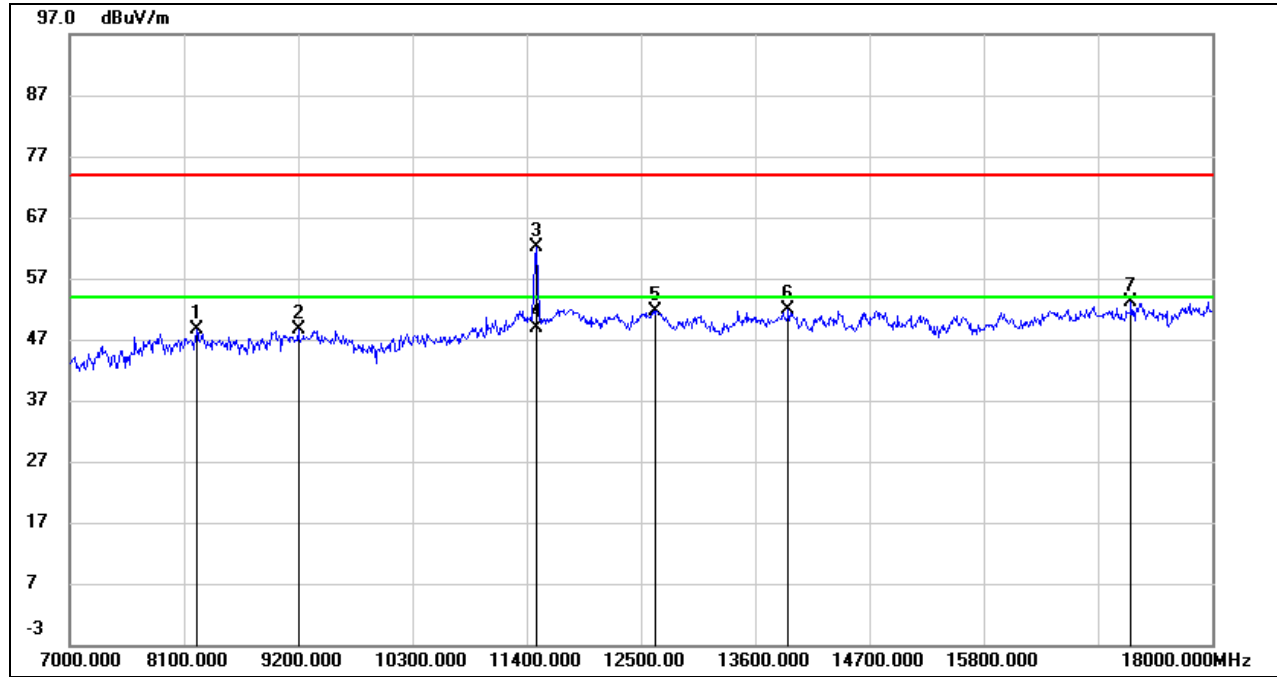
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.22	10.41	47.63	74.00	-26.37	peak
2	9585.000	36.80	11.92	48.72	74.00	-25.28	peak
3	11433.000	46.06	15.49	61.55	74.00	-12.45	peak
4	11433.000	33.62	15.49	49.11	54.00	-4.89	AVG
5	12643.000	35.69	16.82	52.51	74.00	-21.49	peak
6	14755.000	33.42	17.77	51.19	74.00	-22.81	peak
7	17626.000	29.73	22.74	52.47	74.00	-21.53	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. 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.



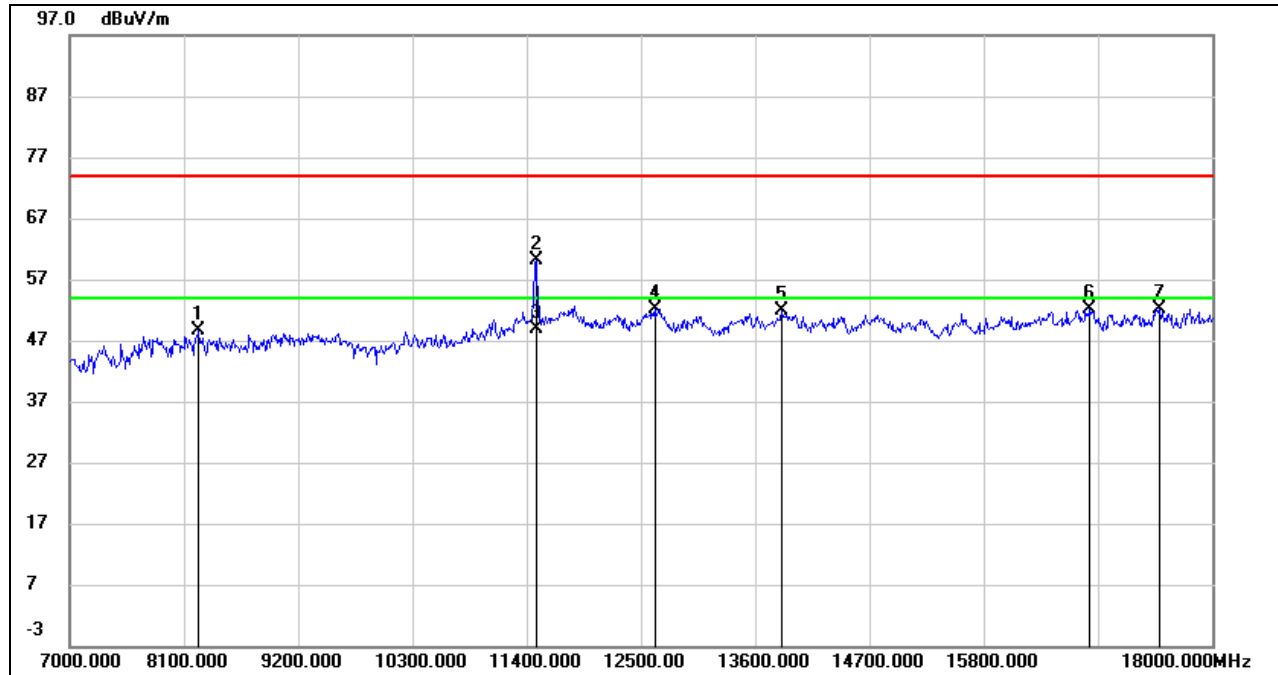
**UNII-3 BAND**

**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	8221.000	38.06	10.46	48.52	74.00	-25.48	peak
2	9200.000	38.04	10.57	48.61	74.00	-25.39	peak
3	11499.000	46.42	15.60	62.02	74.00	-11.98	peak
4	11499.000	33.38	15.60	48.98	54.00	-5.02	AVG
5	12643.000	34.92	16.82	51.74	74.00	-22.26	peak
6	13919.000	33.93	17.97	51.90	74.00	-22.10	peak
7	17219.000	30.72	22.41	53.13	74.00	-20.87	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. 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.

**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	8243.000	38.34	10.37	48.71	74.00	-25.29	peak
2	11488.000	44.46	15.58	60.04	74.00	-13.96	peak
3	11488.000	33.18	15.58	48.76	54.00	-5.24	AVG
4	12632.000	35.35	16.82	52.17	74.00	-21.83	peak
5	13853.000	33.71	18.05	51.76	74.00	-22.24	peak
6	16823.000	31.08	21.05	52.13	74.00	-21.87	peak
7	17494.000	30.14	22.08	52.22	74.00	-21.78	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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

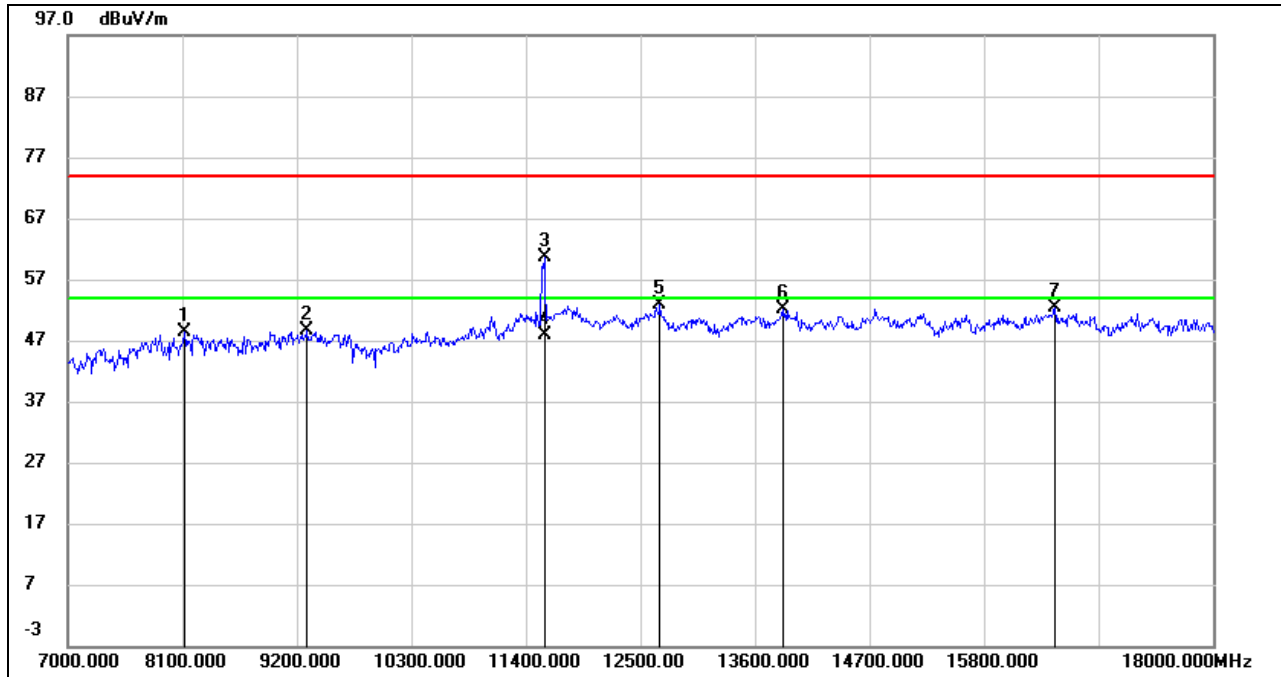
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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.

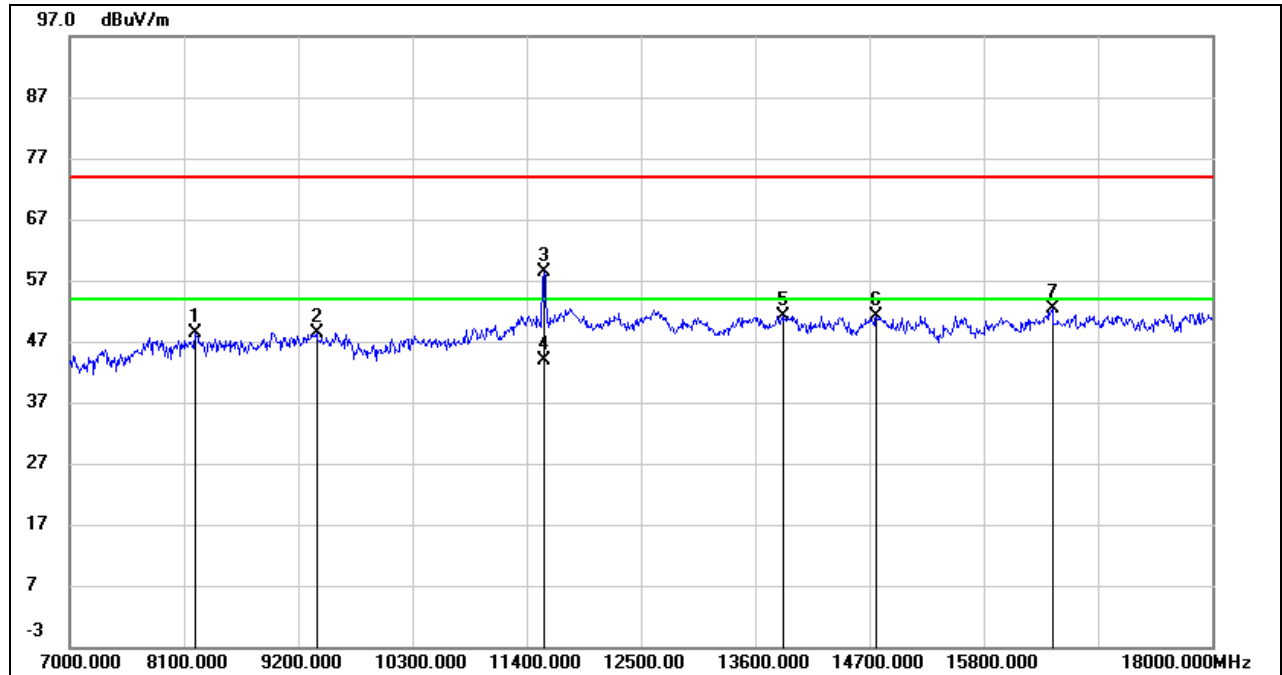


**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	38.39	9.92	48.31	74.00	-25.69	peak
2	9299.000	37.67	11.00	48.67	74.00	-25.33	peak
3	11576.000	45.00	15.75	60.75	74.00	-13.25	peak
4	11576.000	32.01	15.75	47.76	54.00	-6.24	AVG
5	12687.000	36.01	16.82	52.83	74.00	-21.17	peak
6	13864.000	34.01	18.03	52.04	74.00	-21.96	peak
7	16482.000	32.06	20.20	52.26	74.00	-21.74	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.

**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	8210.000	37.83	10.50	48.33	74.00	-25.67	peak
2	9376.000	37.11	11.34	48.45	74.00	-25.55	peak
3	11565.000	42.71	15.72	58.43	74.00	-15.57	peak
4	11565.000	28.13	15.72	43.85	54.00	-10.15	AVG
5	13875.000	33.18	18.04	51.22	74.00	-22.78	peak
6	14766.000	33.39	17.78	51.17	74.00	-22.83	peak
7	16460.000	32.27	20.10	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. AVG:  $VBW=1/Ton$ , where:  $Ton$  is the transmitting duration.

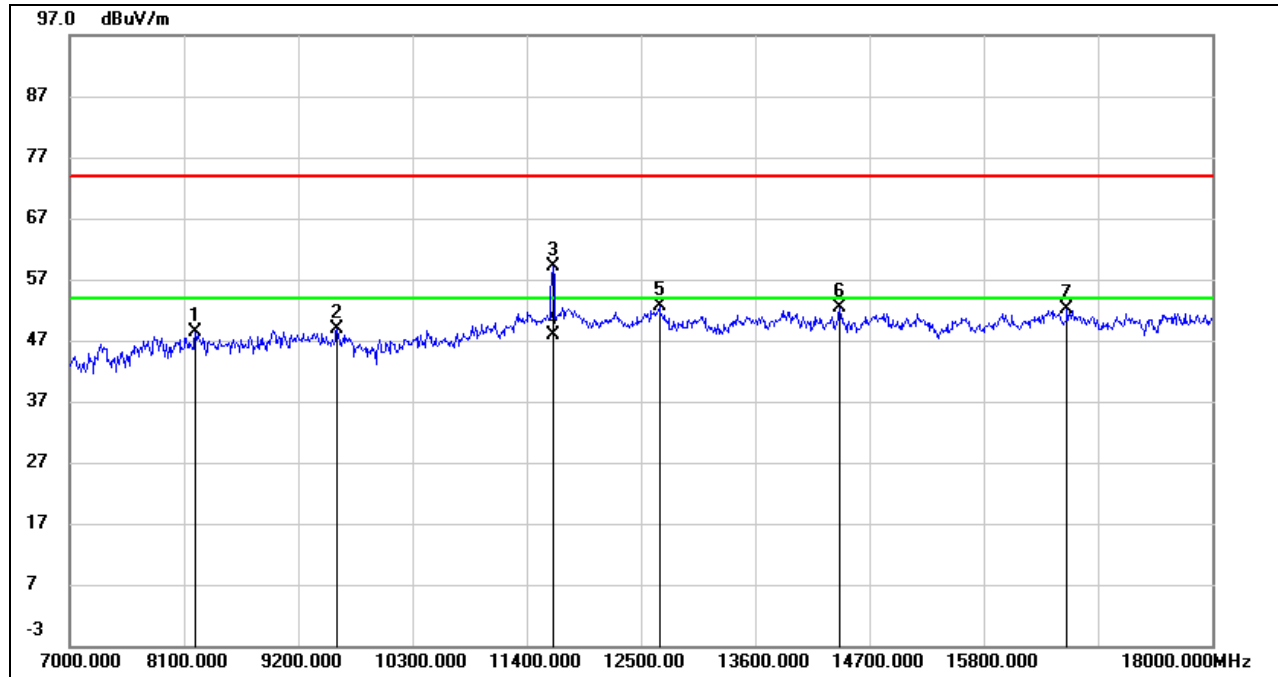
5. For the transmitting duration, please refer to clause 7.1.

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.

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

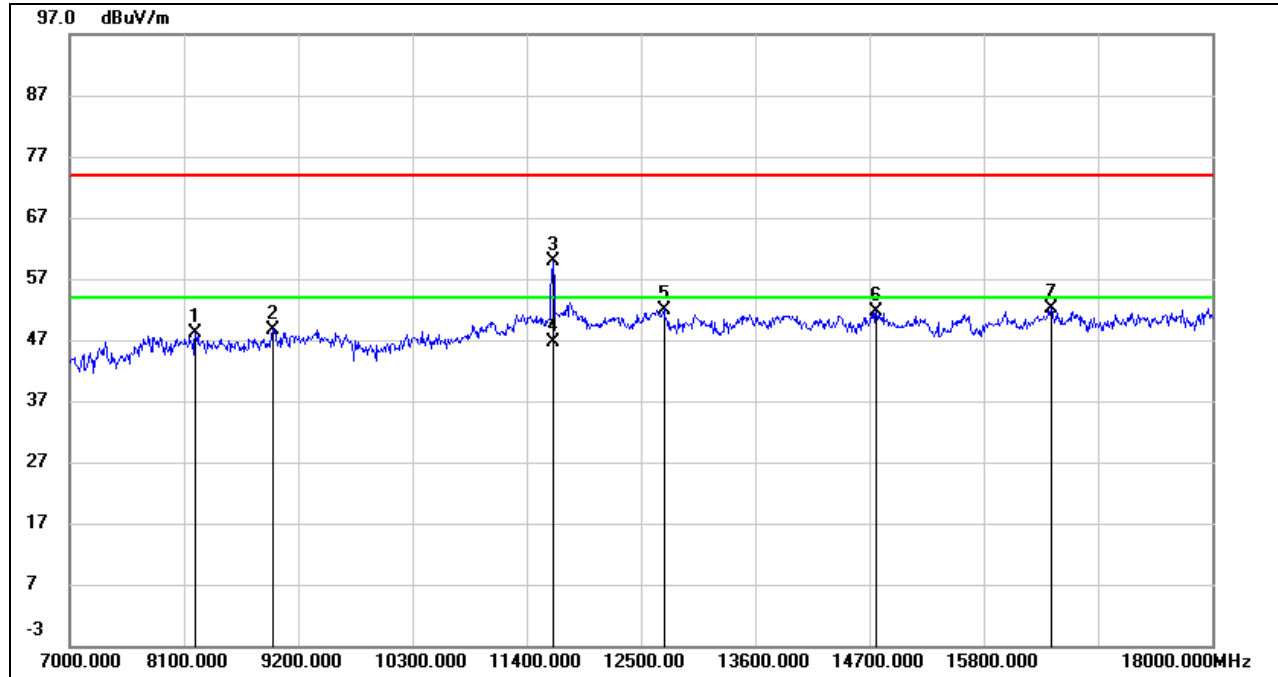


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.99	10.50	48.49	74.00	-25.51	peak
2	9574.000	36.95	11.90	48.85	74.00	-25.15	peak
3	11653.000	43.12	16.03	59.15	74.00	-14.85	peak
4	11653.000	31.92	16.03	47.95	54.00	-6.05	AVG
5	12676.000	35.75	16.81	52.56	74.00	-21.44	peak
6	14414.000	34.47	17.91	52.38	74.00	-21.62	peak
7	16603.000	31.38	20.80	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. 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.



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



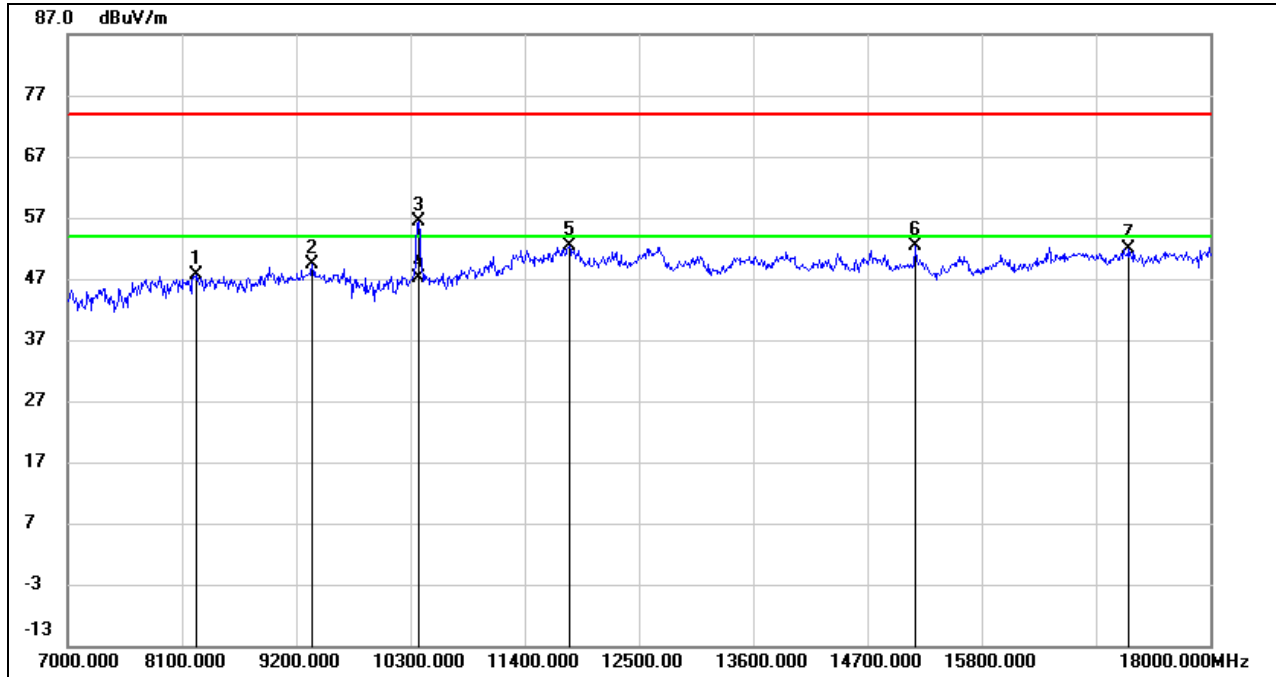
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.56	10.50	48.06	74.00	-25.94	peak
2	8958.000	37.38	11.31	48.69	74.00	-25.31	peak
3	11653.000	43.93	16.03	59.96	74.00	-14.04	peak
4	11653.000	30.72	16.03	46.75	54.00	-7.25	AVG
5	12720.000	35.19	16.81	52.00	74.00	-22.00	peak
6	14766.000	33.90	17.78	51.68	74.00	-22.32	peak
7	16449.000	32.10	20.04	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. 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.

### 8.3.5. 802.11ax HE40 SISO MODE

#### UNII-1 BAND

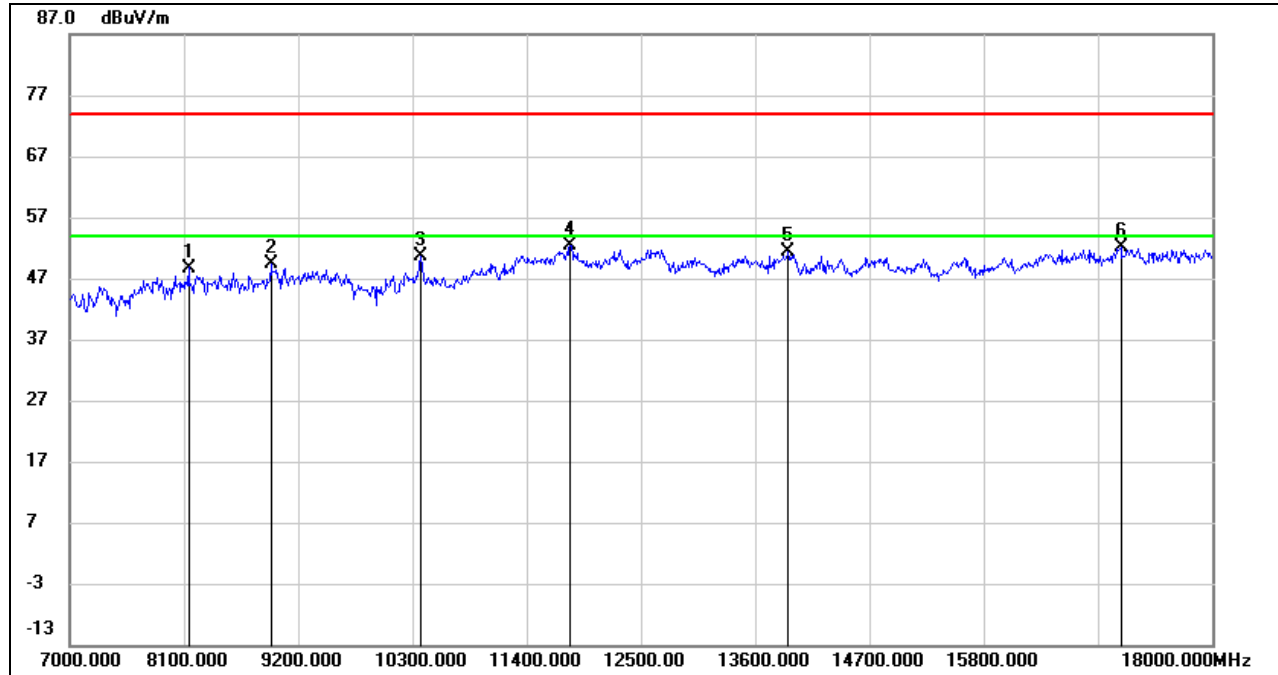
#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.24	10.41	47.65	74.00	-26.35	peak
2	9354.000	38.11	11.23	49.34	74.00	-24.66	peak
3	10377.000	43.96	12.52	56.48	74.00	-17.52	peak
4	10377.000	34.63	12.52	47.15	54.00	-6.85	AVG
5	11829.000	35.60	16.67	52.27	74.00	-21.73	peak
6	15162.000	34.83	17.45	52.28	74.00	-21.72	peak
7	17219.000	29.50	22.41	51.91	74.00	-22.09	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. 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.

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

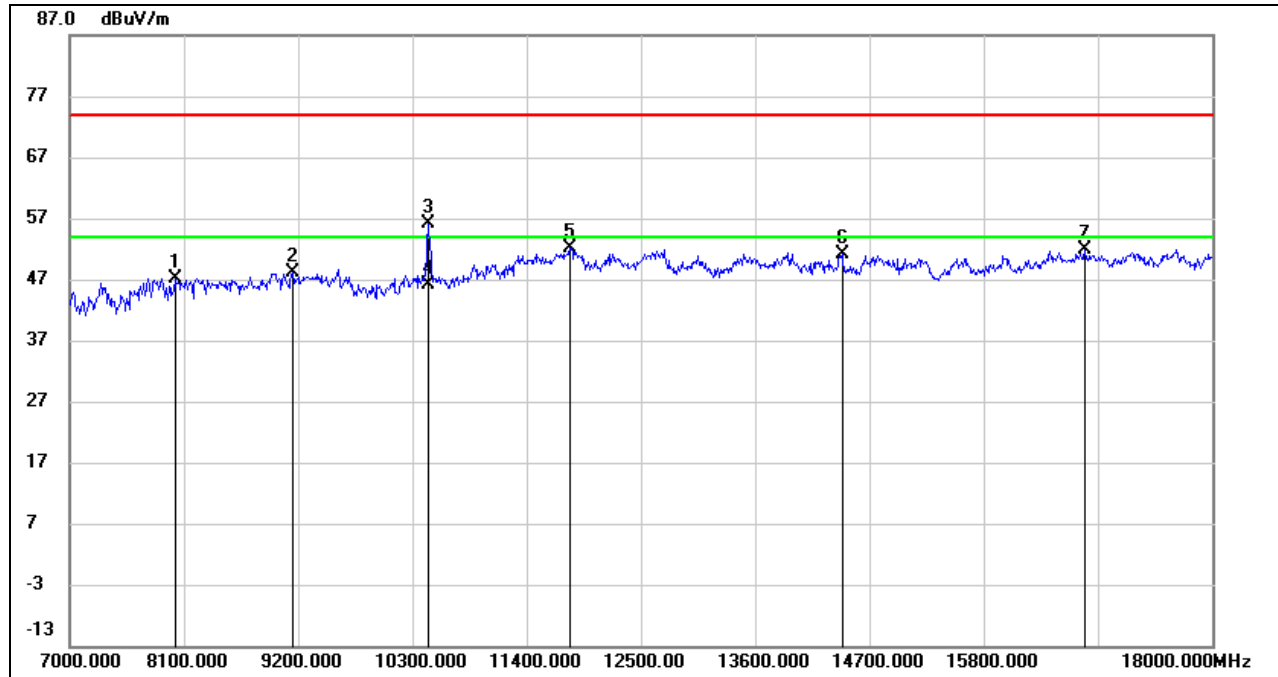


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8144.000	38.66	10.09	48.75	74.00	-25.25	peak
2	8936.000	38.30	11.10	49.40	74.00	-24.60	peak
3	10377.000	38.04	12.52	50.56	74.00	-23.44	peak
4	11818.000	35.81	16.68	52.49	74.00	-21.51	peak
5	13919.000	33.45	17.97	51.42	74.00	-22.58	peak
6	17120.000	30.00	22.03	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. 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.



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

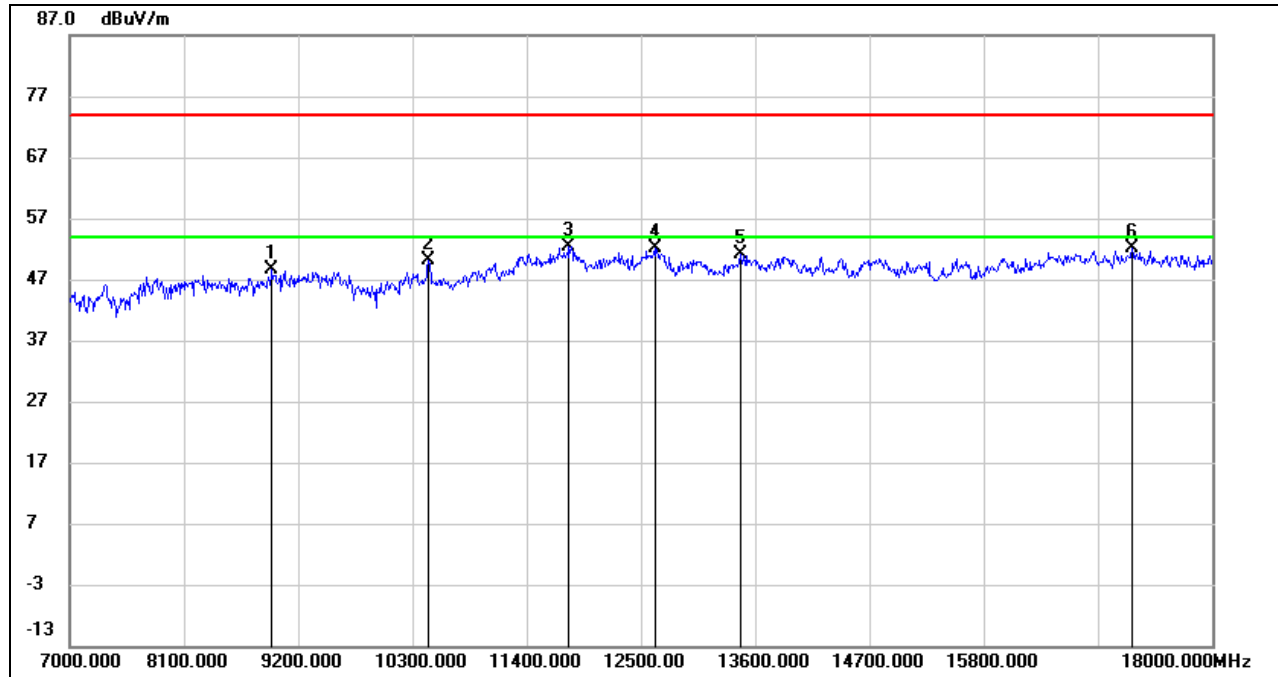


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8012.000	38.11	9.06	47.17	74.00	-26.83	peak
2	9145.000	37.12	10.89	48.01	74.00	-25.99	peak
3	10454.000	43.18	12.88	56.06	74.00	-17.94	peak
4	10454.000	33.35	12.88	46.23	54.00	-7.77	AVG
5	11818.000	35.50	16.68	52.18	74.00	-21.82	peak
6	14436.000	33.14	17.88	51.02	74.00	-22.98	peak
7	16768.000	30.88	20.96	51.84	74.00	-22.16	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.



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

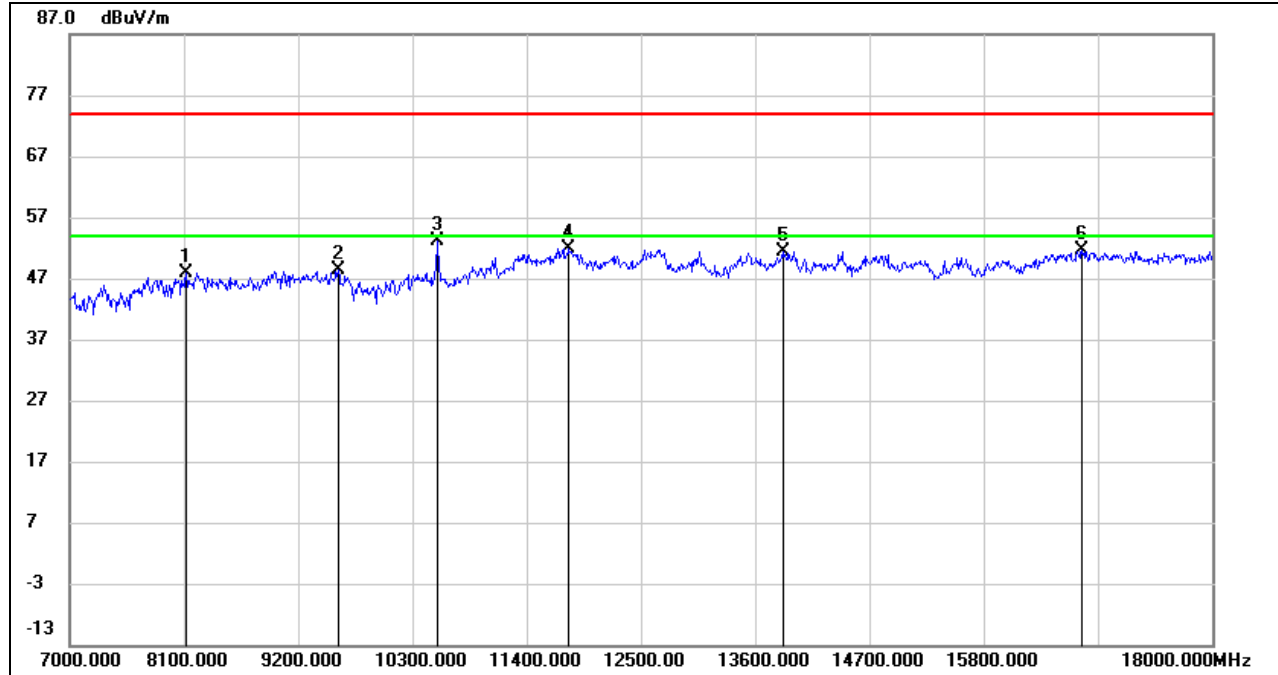


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	37.53	11.21	48.74	74.00	-25.26	peak
2	10454.000	37.26	12.88	50.14	74.00	-23.86	peak
3	11807.000	35.78	16.70	52.48	74.00	-21.52	peak
4	12632.000	35.33	16.82	52.15	74.00	-21.85	peak
5	13457.000	33.76	17.45	51.21	74.00	-22.79	peak
6	17230.000	29.78	22.37	52.15	74.00	-21.85	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.

**UNII-2A BAND**

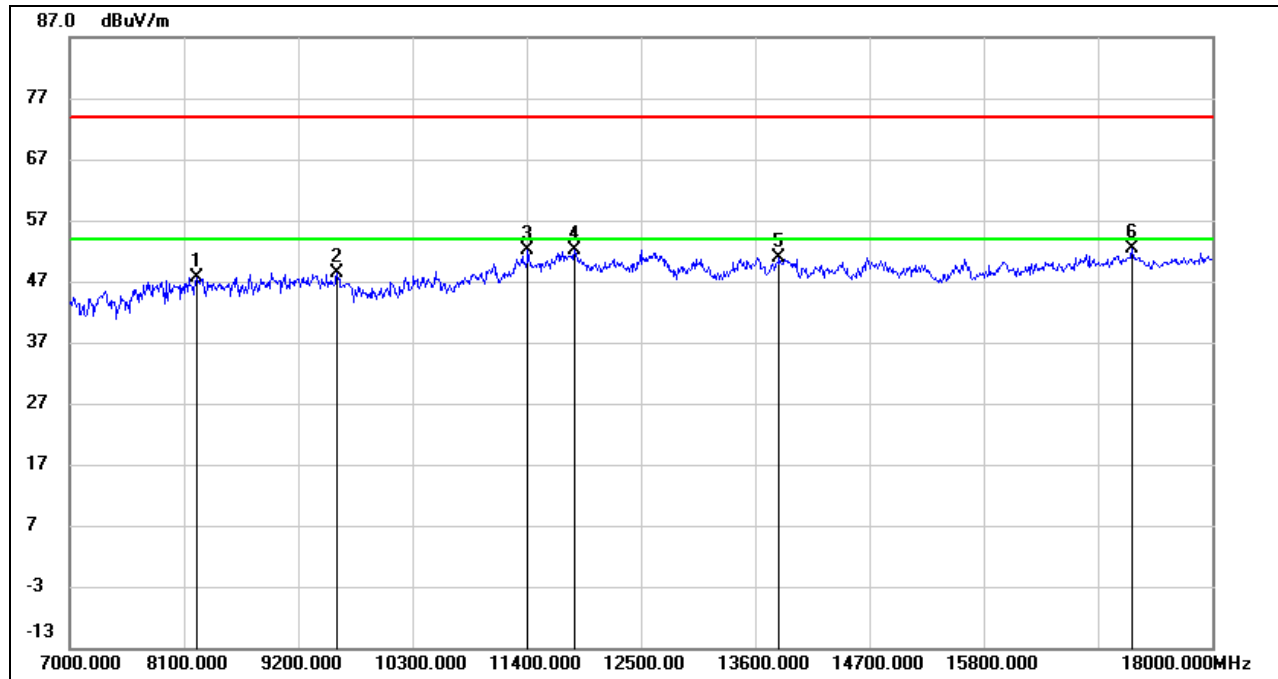
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.99	9.92	47.91	74.00	-26.09	peak
2	9585.000	36.42	11.92	48.34	74.00	-25.66	peak
3	10542.000	39.85	13.25	53.10	74.00	-20.90	peak
4	11807.000	35.21	16.70	51.91	74.00	-22.09	peak
5	13864.000	33.42	18.03	51.45	74.00	-22.55	peak
6	16746.000	30.68	20.94	51.62	74.00	-22.38	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.

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

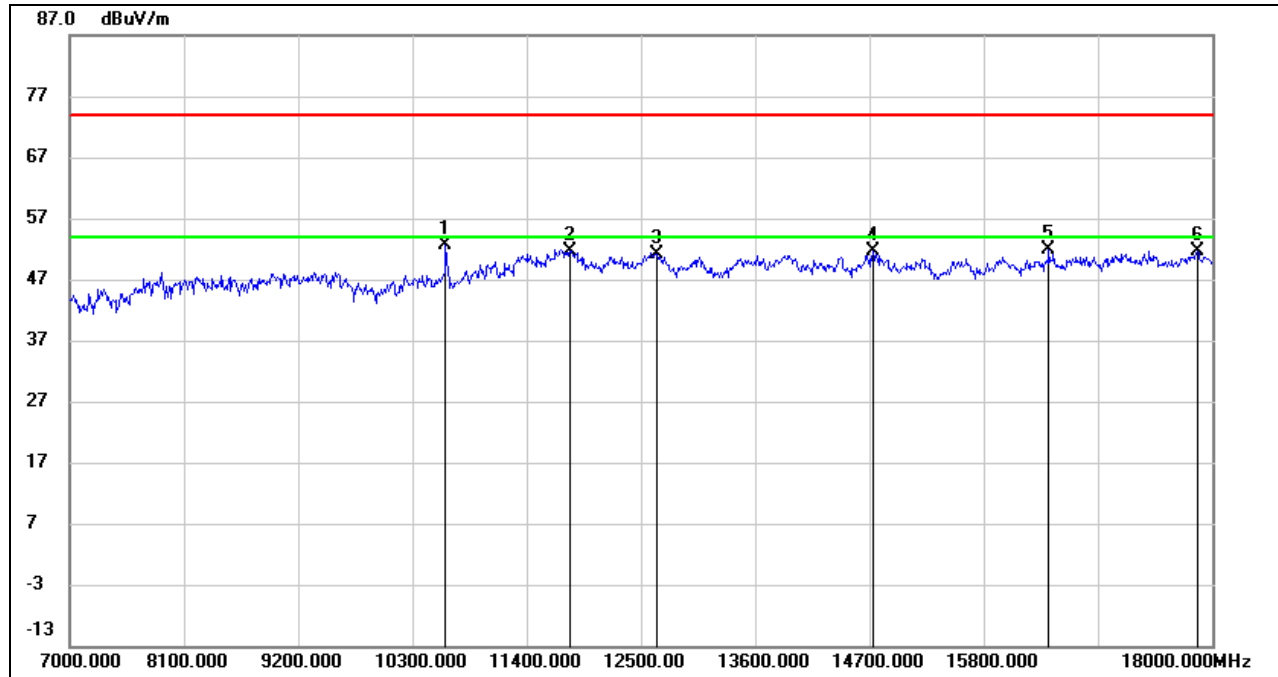


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.26	10.46	47.72	74.00	-26.28	peak
2	9574.000	36.59	11.90	48.49	74.00	-25.51	peak
3	11411.000	36.60	15.44	52.04	74.00	-21.96	peak
4	11862.000	35.44	16.64	52.08	74.00	-21.92	peak
5	13831.000	32.85	18.09	50.94	74.00	-23.06	peak
6	17230.000	30.05	22.37	52.42	74.00	-21.58	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. 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.



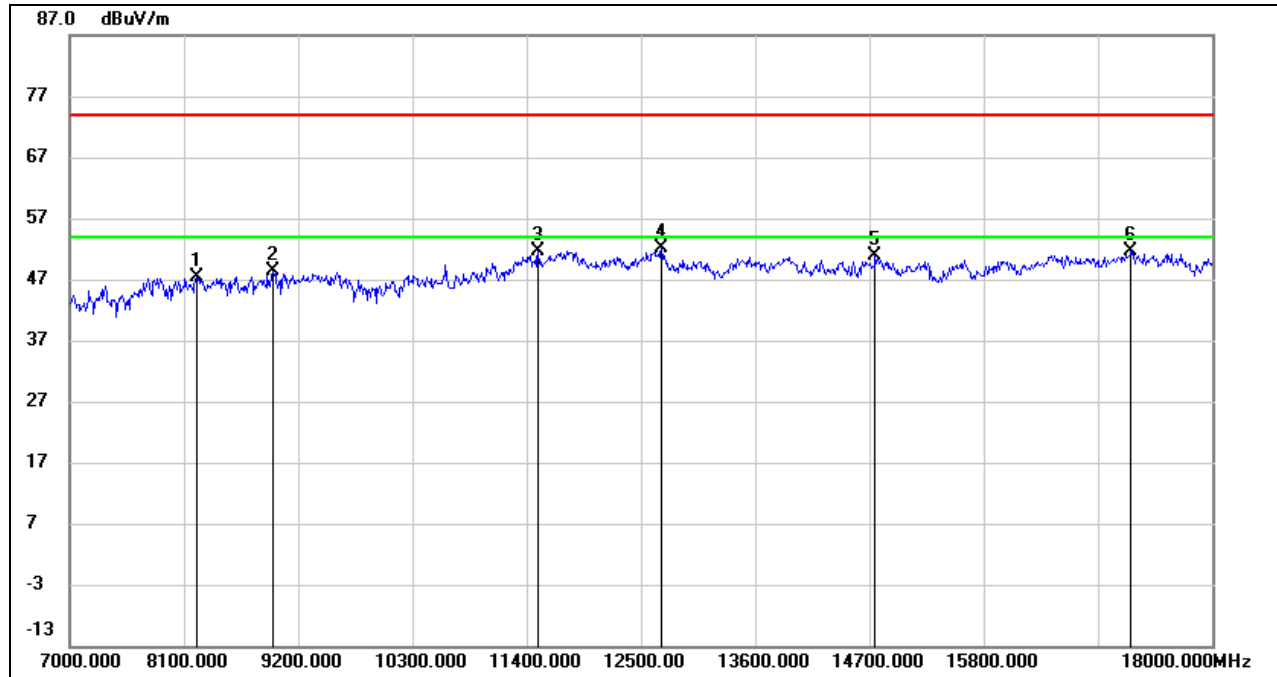
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10619.000	39.07	13.50	52.57	74.00	-21.43	peak
2	11818.000	35.04	16.68	51.72	74.00	-22.28	peak
3	12654.000	34.35	16.81	51.16	74.00	-22.84	peak
4	14733.000	33.83	17.74	51.57	74.00	-22.43	peak
5	16427.000	31.90	19.93	51.83	74.00	-22.17	peak
6	17857.000	27.75	23.96	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. 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.

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

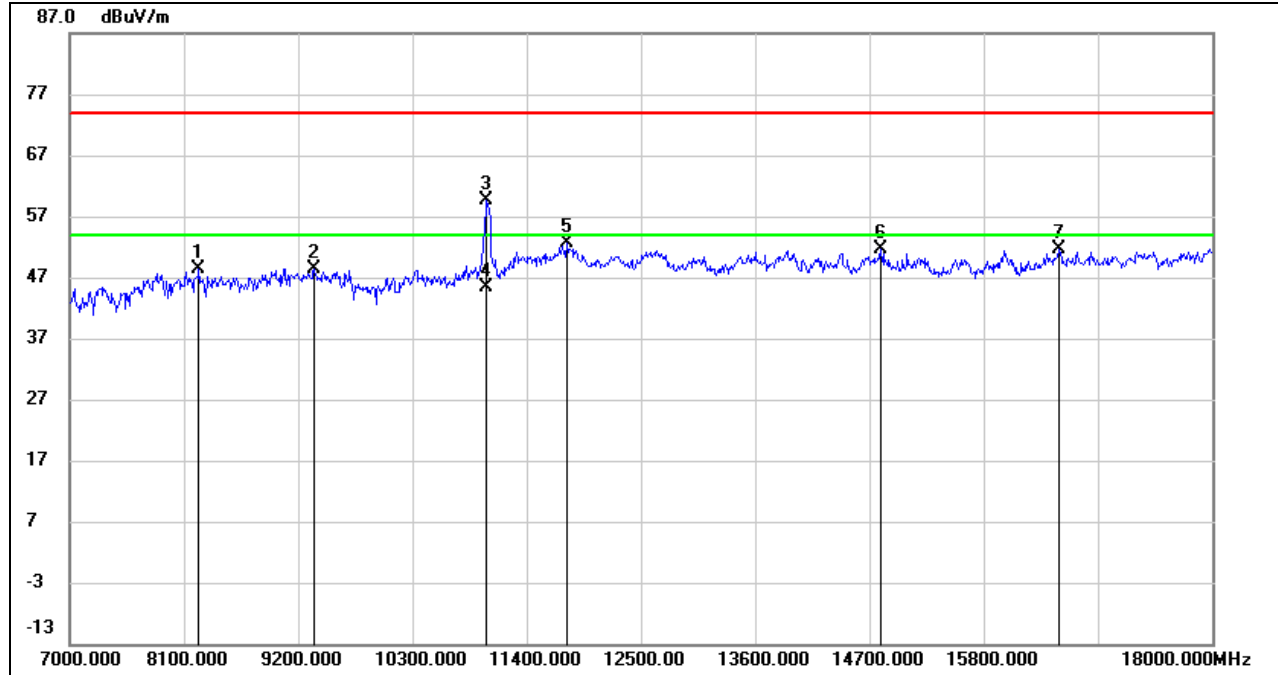


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	36.93	10.46	47.39	74.00	-26.61	peak
2	8958.000	37.17	11.31	48.48	74.00	-25.52	peak
3	11510.000	36.11	15.62	51.73	74.00	-22.27	peak
4	12698.000	35.22	16.81	52.03	74.00	-21.97	peak
5	14755.000	33.17	17.77	50.94	74.00	-23.06	peak
6	17219.000	29.33	22.41	51.74	74.00	-22.26	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.

**UNII-2C BAND**

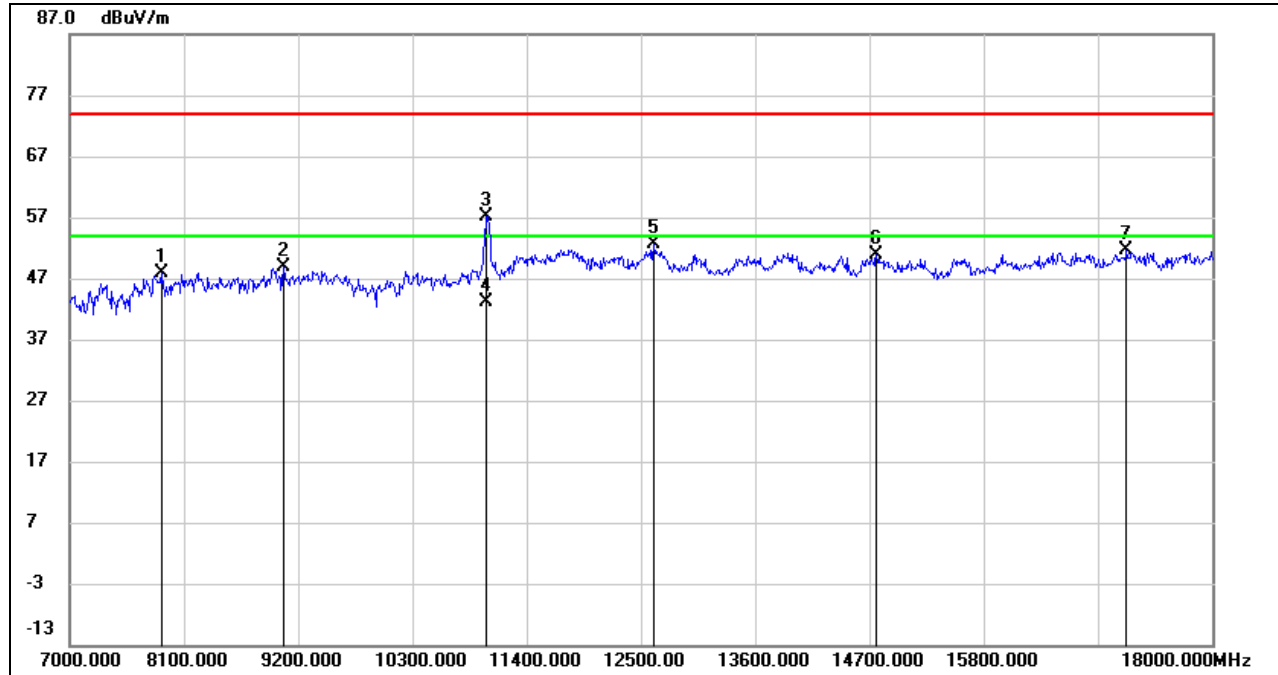
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8243.000	38.10	10.37	48.47	74.00	-25.53	peak
2	9354.000	37.25	11.23	48.48	74.00	-25.52	peak
3	11015.000	45.12	14.45	59.57	74.00	-14.43	peak
4	11015.000	30.97	14.45	45.42	54.00	-8.58	AVG
5	11785.000	36.02	16.63	52.65	74.00	-21.35	peak
6	14810.000	33.86	17.82	51.68	74.00	-22.32	peak
7	16526.000	31.23	20.42	51.65	74.00	-22.35	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. 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.

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



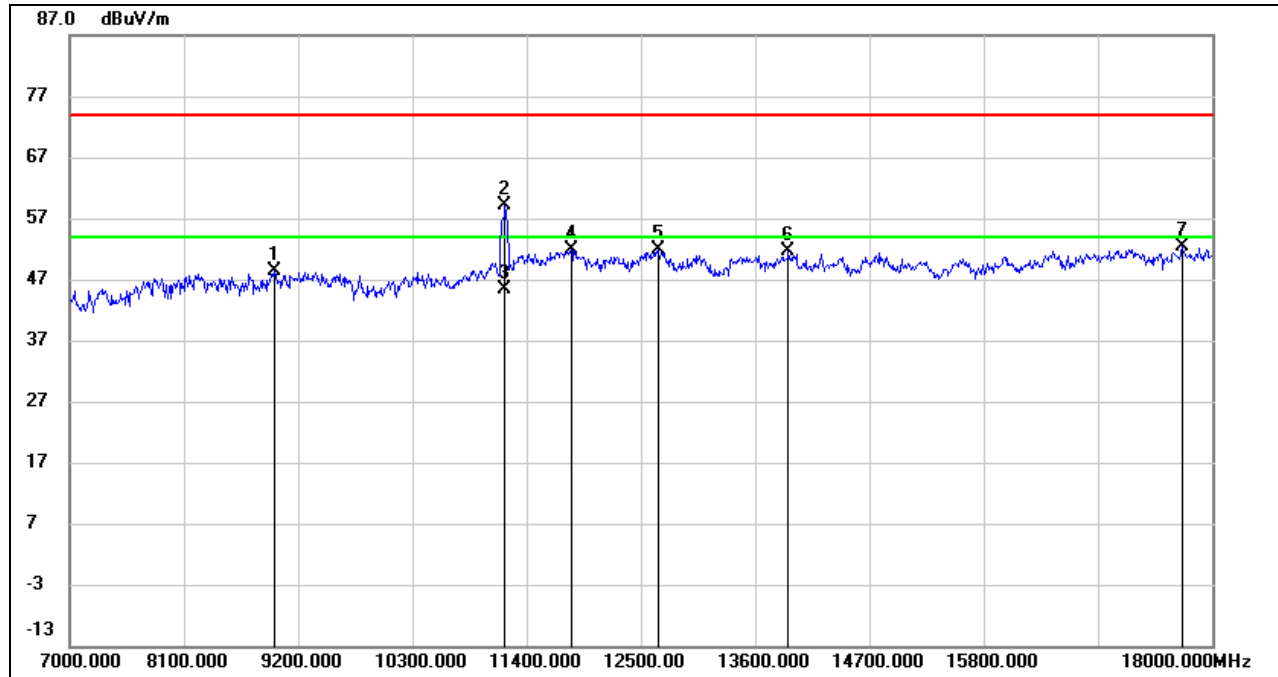
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.58	9.26	47.84	74.00	-26.16	peak
2	9057.000	37.44	11.40	48.84	74.00	-25.16	peak
3	11015.000	42.79	14.45	57.24	74.00	-16.76	peak
4	11015.000	28.80	14.45	43.25	54.00	-10.75	AVG
5	12621.000	35.72	16.83	52.55	74.00	-21.45	peak
6	14766.000	33.17	17.78	50.95	74.00	-23.05	peak
7	17175.000	29.39	22.33	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. 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.





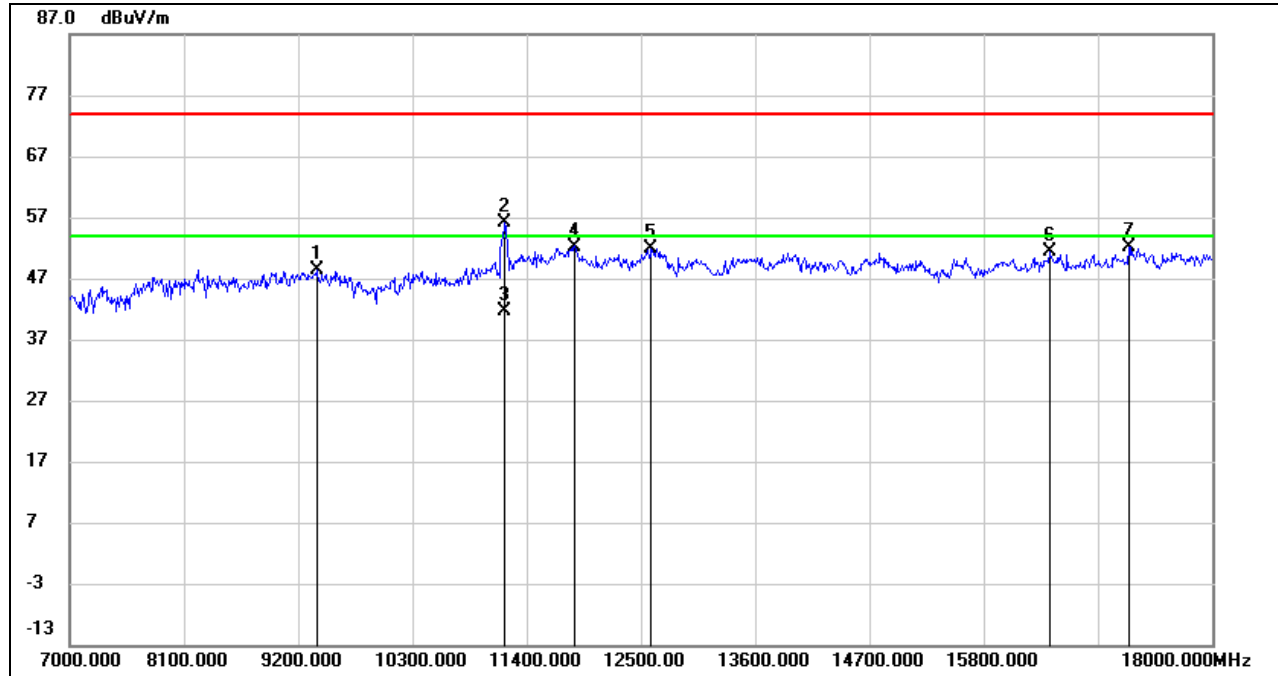
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8969.000	36.91	11.42	48.33	74.00	-25.67	peak
2	11191.000	44.34	14.89	59.23	74.00	-14.77	peak
3	11191.000	30.37	14.89	45.26	54.00	-8.74	AVG
4	11829.000	35.21	16.67	51.88	74.00	-22.12	peak
5	12665.000	35.03	16.82	51.85	74.00	-22.15	peak
6	13919.000	33.60	17.97	51.57	74.00	-22.43	peak
7	17714.000	28.94	23.34	52.28	74.00	-21.72	peak

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

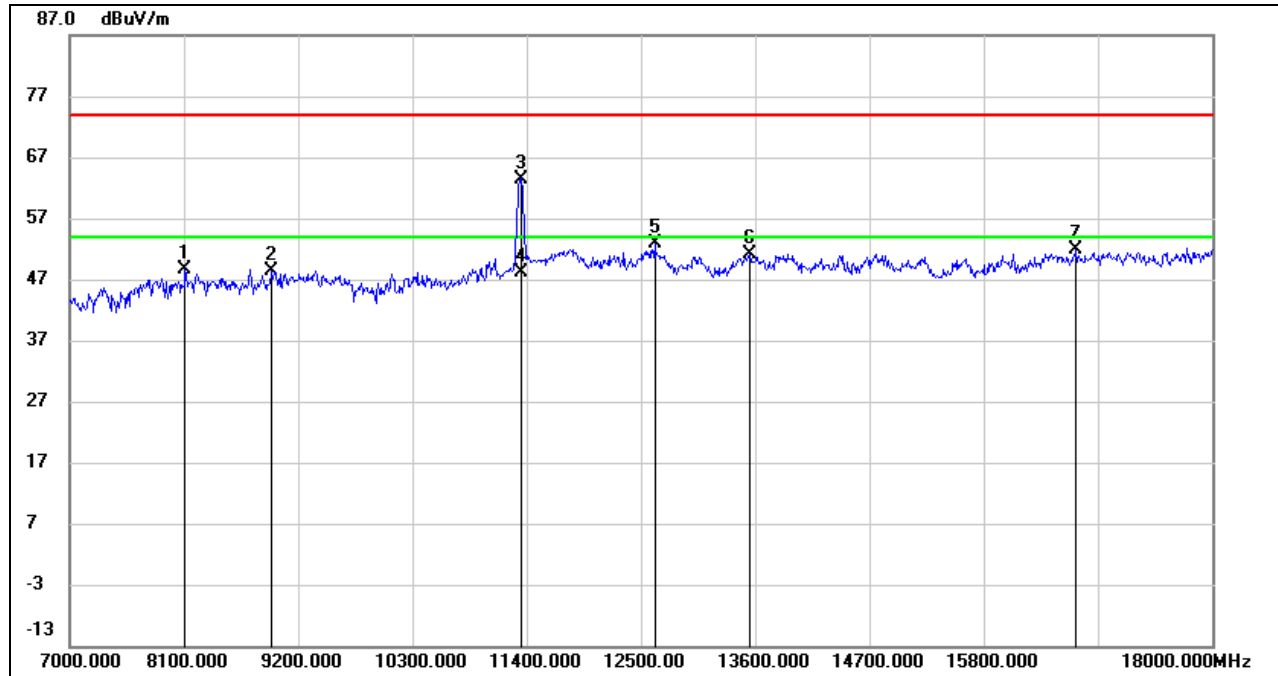
**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	36.95	11.34	48.29	74.00	-25.71	peak
2	11191.000	41.24	14.89	56.13	74.00	-17.87	peak
3	11191.000	26.86	14.89	41.75	54.00	-12.25	AVG
4	11862.000	35.61	16.64	52.25	74.00	-21.75	peak
5	12599.000	35.00	16.83	51.83	74.00	-22.17	peak
6	16438.000	31.32	19.98	51.30	74.00	-22.70	peak
7	17197.000	29.64	22.46	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. 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.

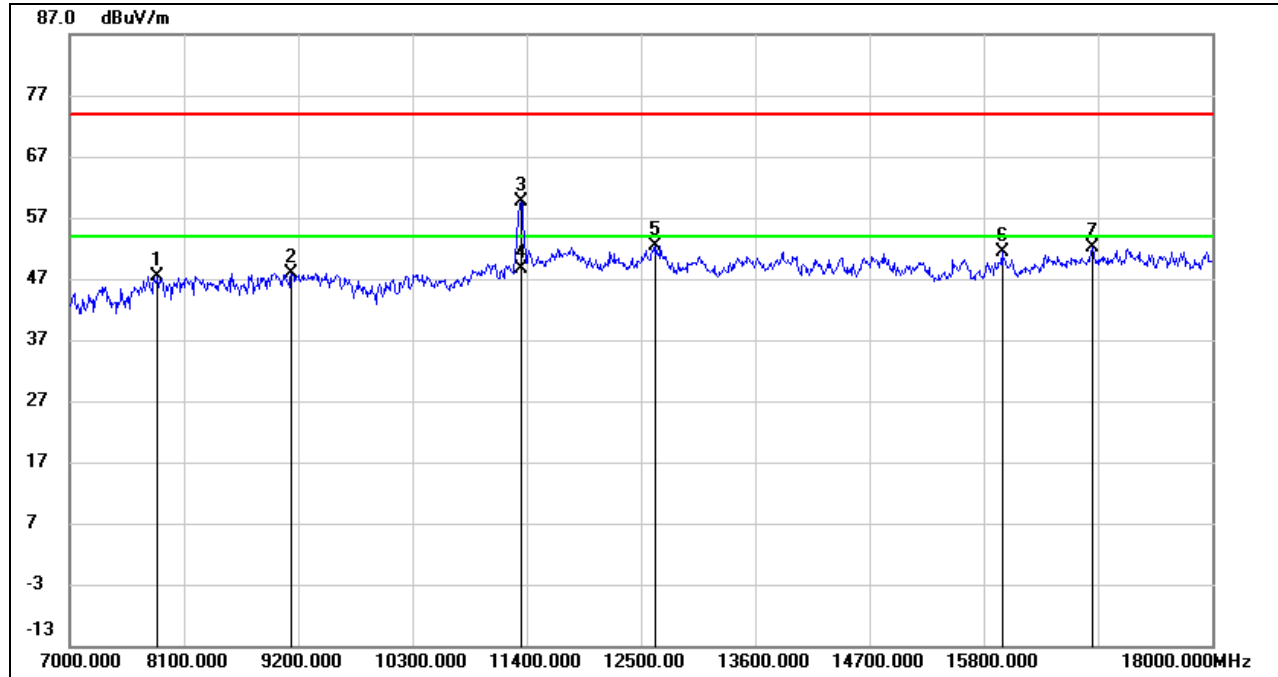
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.87	9.83	48.70	74.00	-25.30	peak
2	8947.000	37.11	11.21	48.32	74.00	-25.68	peak
3	11345.000	48.21	15.29	63.50	74.00	-10.50	peak
4	11345.000	32.96	15.29	48.25	54.00	-5.75	AVG
5	12632.000	36.08	16.82	52.90	74.00	-21.10	peak
6	13545.000	33.76	17.45	51.21	74.00	-22.79	peak
7	16691.000	31.09	20.88	51.97	74.00	-22.03	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. 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.

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

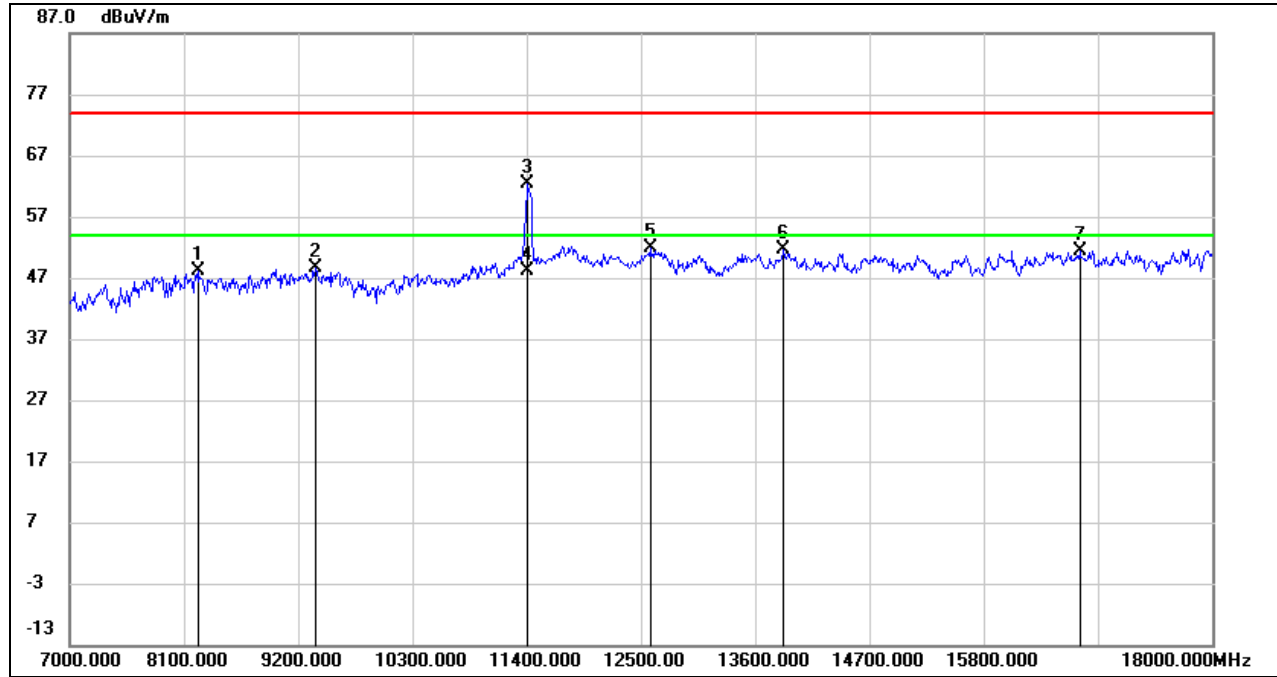


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	38.04	9.35	47.39	74.00	-26.61	peak
2	9134.000	36.94	10.95	47.89	74.00	-26.11	peak
3	11345.000	44.41	15.29	59.70	74.00	-14.30	peak
4	11345.000	33.36	15.29	48.65	54.00	-5.35	AVG
5	12643.000	35.54	16.82	52.36	74.00	-21.64	peak
6	15976.000	32.83	18.45	51.28	74.00	-22.72	peak
7	16845.000	31.08	21.09	52.17	74.00	-21.83	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.

**STRADDLE CHANNEL 142**

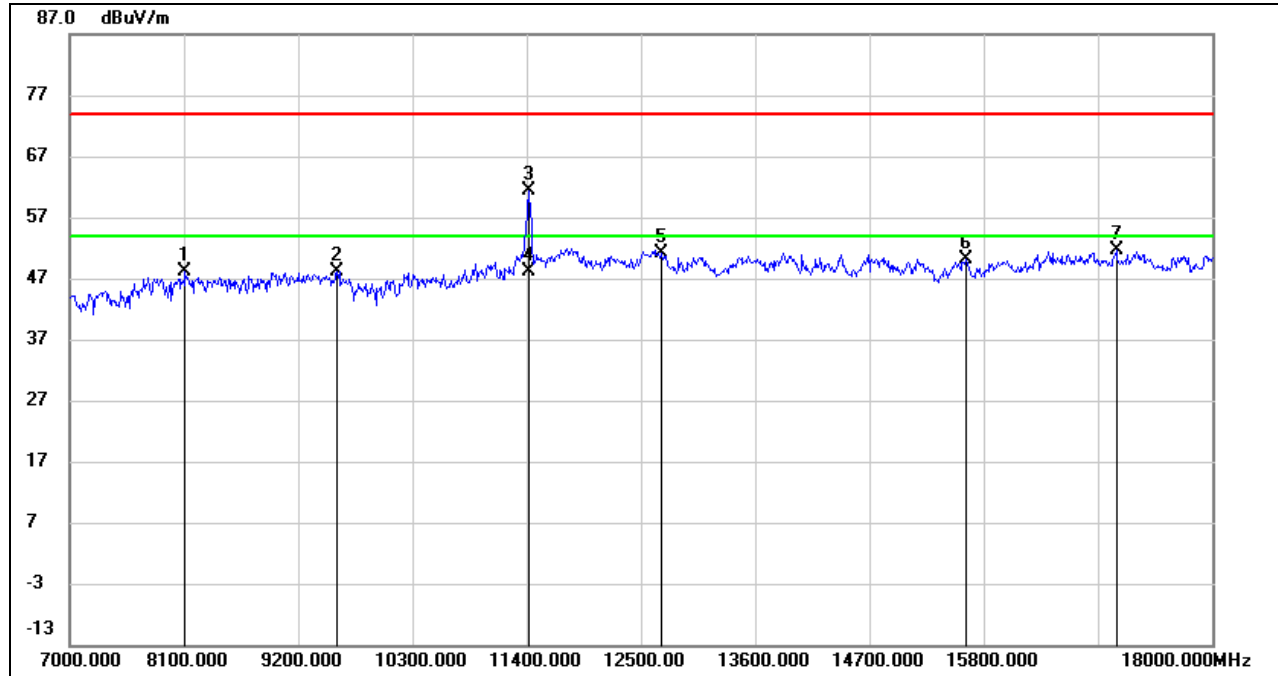
**HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.67	10.41	48.08	74.00	-25.92	peak
2	9365.000	37.22	11.29	48.51	74.00	-25.49	peak
3	11411.000	46.89	15.44	62.33	74.00	-11.67	peak
4	11411.000	32.72	15.44	48.16	54.00	-5.84	AVG
5	12588.000	35.03	16.81	51.84	74.00	-22.16	peak
6	13875.000	33.56	18.04	51.60	74.00	-22.40	peak
7	16724.000	30.52	20.92	51.44	74.00	-22.56	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. 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.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**

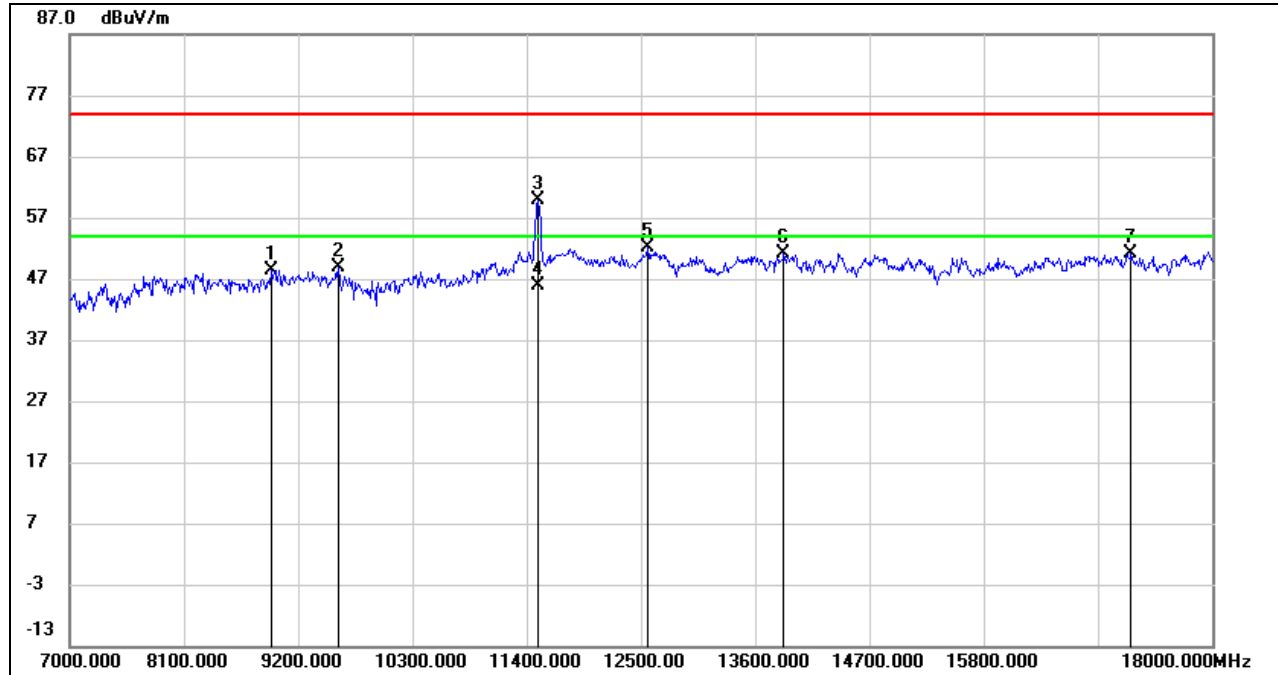


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.23	9.83	48.06	74.00	-25.94	peak
2	9574.000	36.34	11.90	48.24	74.00	-25.76	peak
3	11422.000	45.85	15.47	61.32	74.00	-12.68	peak
4	11422.000	32.78	15.47	48.25	54.00	-5.75	AVG
5	12698.000	34.34	16.81	51.15	74.00	-22.85	peak
6	15624.000	32.22	17.92	50.14	74.00	-23.86	peak
7	17076.000	29.95	21.79	51.74	74.00	-22.26	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.

**UNII-3 BAND**

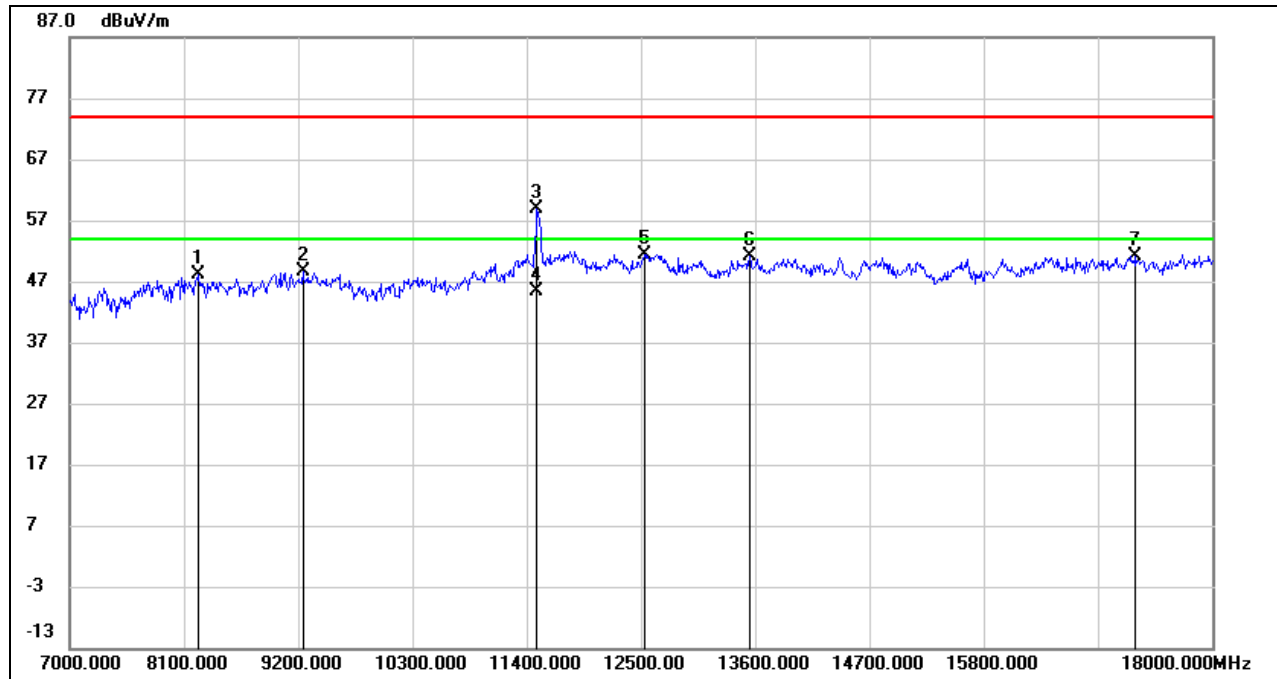
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.39	11.10	48.49	74.00	-25.51	peak
2	9585.000	36.90	11.92	48.82	74.00	-25.18	peak
3	11510.000	44.36	15.62	59.98	74.00	-14.02	peak
4	11510.000	30.14	15.62	45.76	54.00	-8.24	AVG
5	12566.000	35.29	16.79	52.08	74.00	-21.92	peak
6	13875.000	33.16	18.04	51.20	74.00	-22.80	peak
7	17219.000	28.78	22.41	51.19	74.00	-22.81	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.

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

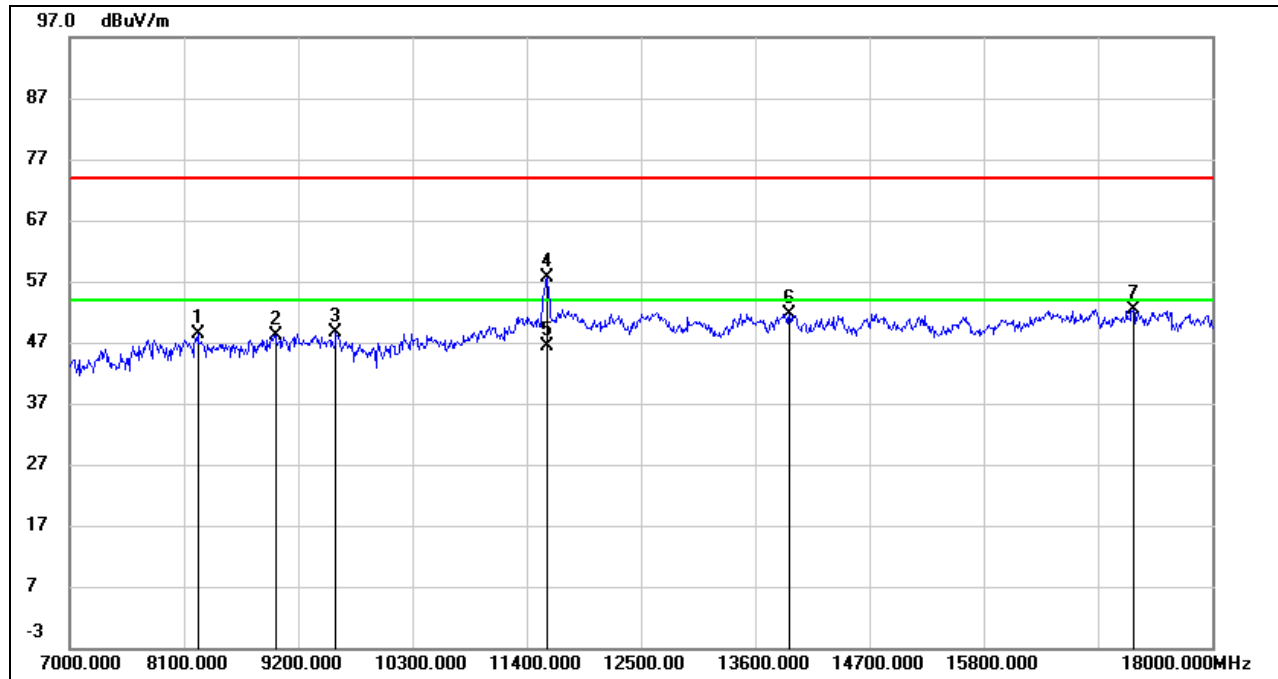


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.65	10.41	48.06	74.00	-25.94	peak
2	9244.000	37.88	10.76	48.64	74.00	-25.36	peak
3	11499.000	43.28	15.60	58.88	74.00	-15.12	peak
4	11499.000	29.72	15.60	45.32	54.00	-8.68	AVG
5	12533.000	34.72	16.76	51.48	74.00	-22.52	peak
6	13545.000	33.56	17.45	51.01	74.00	-22.99	peak
7	17263.000	28.90	22.28	51.18	74.00	-22.82	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. 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.



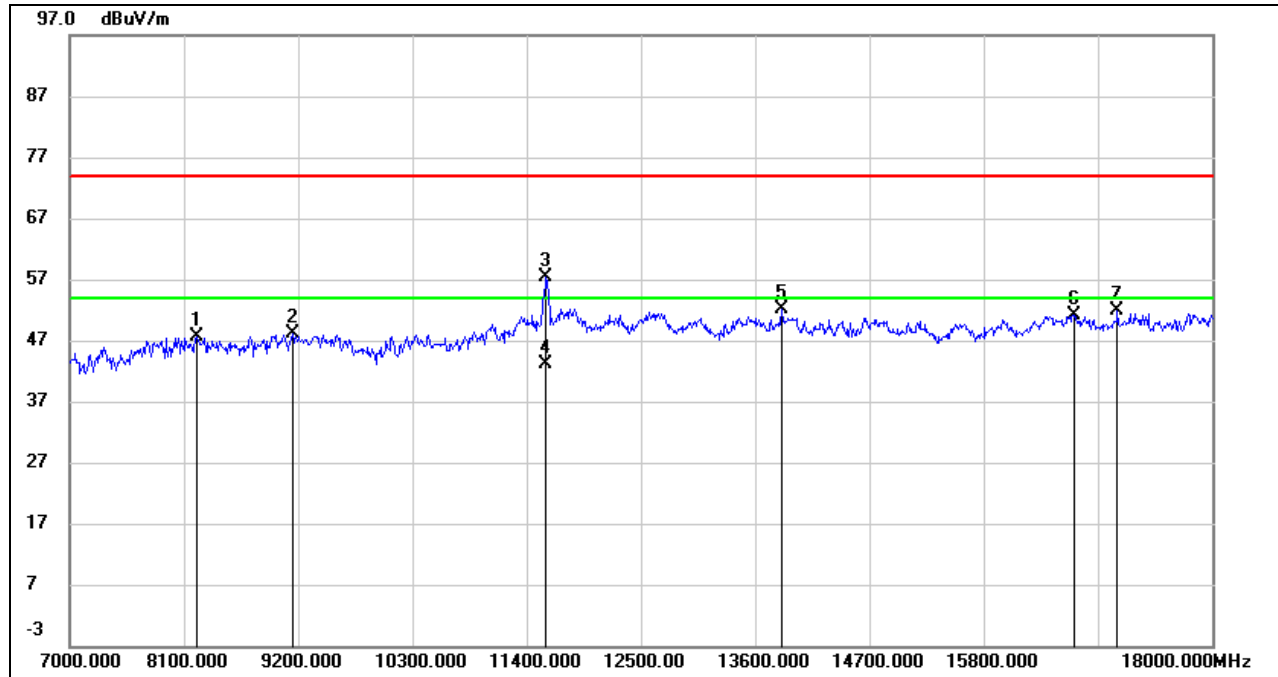
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	38.01	10.41	48.42	74.00	-25.58	peak
2	8980.000	36.68	11.52	48.20	74.00	-25.80	peak
3	9563.000	36.80	11.87	48.67	74.00	-25.33	peak
4	11598.000	41.83	15.79	57.62	74.00	-16.38	peak
5	11598.000	30.53	15.79	46.32	54.00	-7.68	AVG
6	13930.000	33.64	17.97	51.61	74.00	-22.39	peak
7	17241.000	30.03	22.34	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)**



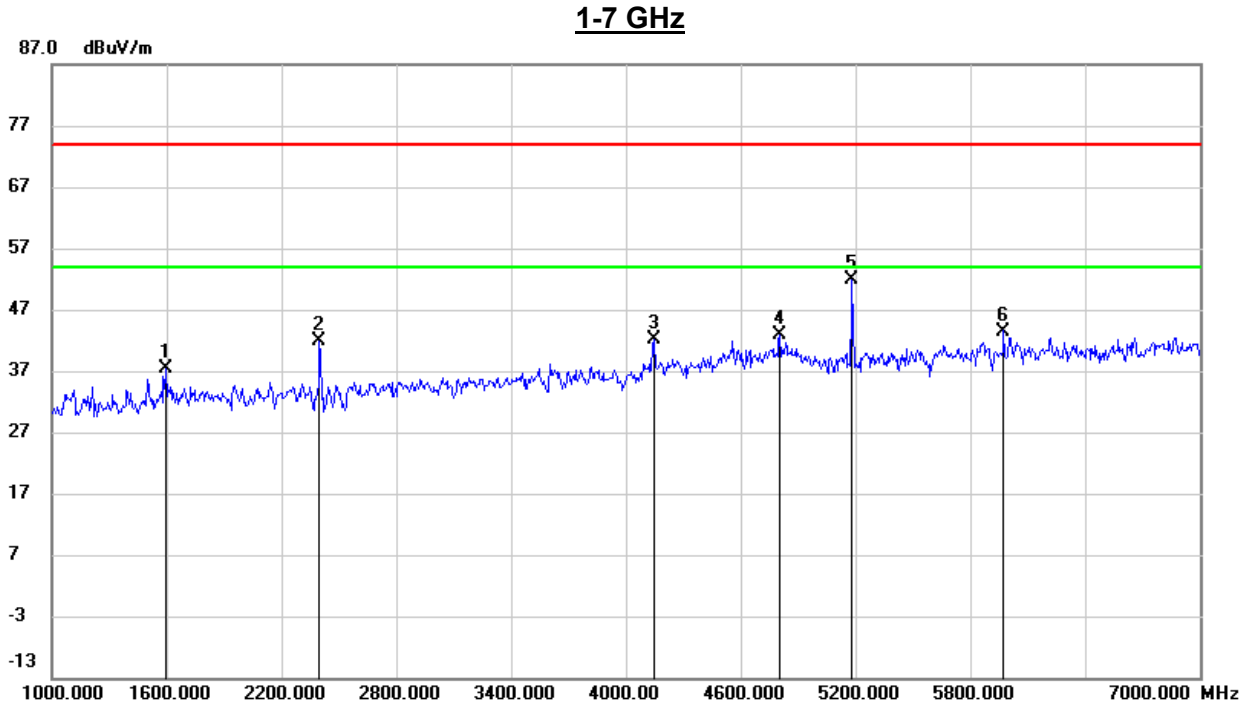
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.18	10.46	47.64	74.00	-26.36	peak
2	9145.000	37.13	10.89	48.02	74.00	-25.98	peak
3	11587.000	41.65	15.78	57.43	74.00	-16.57	peak
4	11587.000	27.34	15.78	43.12	54.00	-10.88	AVG
5	13853.000	34.07	18.05	52.12	74.00	-21.88	peak
6	16669.000	30.23	20.86	51.09	74.00	-22.91	peak
7	17087.000	30.06	21.85	51.91	74.00	-22.09	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. 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.

### 8.4. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

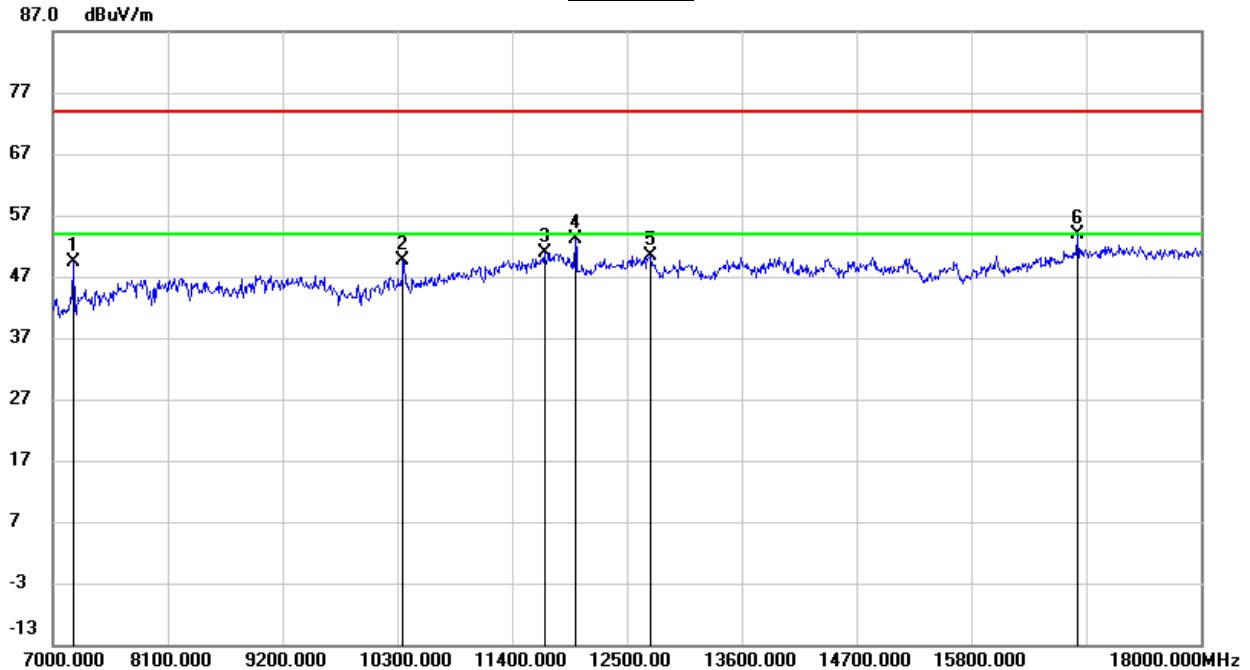
#### 8.4.1. BT GFSK MODE AND 802.11ax HE40 MODE

#### SPURIOUS EMISSIONS (BT GFSK MID CHANNEL AND UNII-2C BAND MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	49.40	-12.02	37.38	74.00	-36.62	peak
2	2398.000	51.02	-9.09	41.93	74.00	-32.07	peak
3	4144.000	45.45	-3.28	42.17	74.00	-31.83	peak
4	4804.000	43.42	-0.65	42.77	74.00	-31.23	peak
5	5182.000	51.17	0.74	51.91	74.00	-22.09	peak
6	5974.000	41.40	2.10	43.50	74.00	-30.50	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 Band reject filter losses.
  7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
  8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

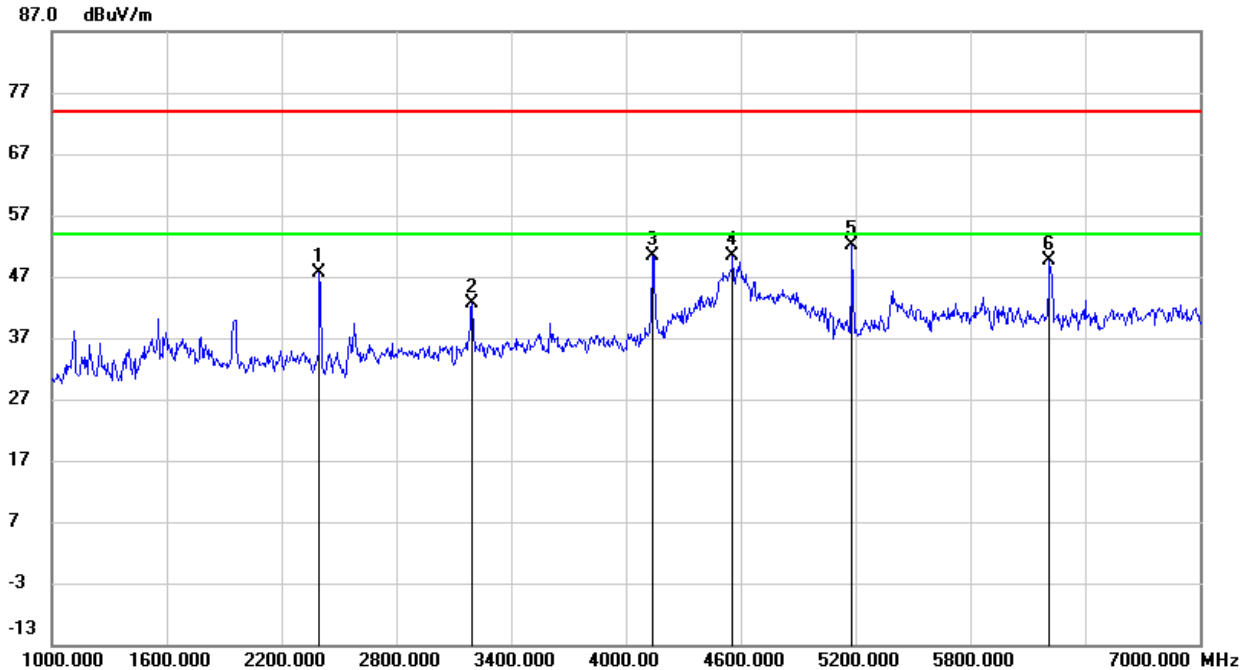
**7-18 GHz**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7198.000	42.33	6.96	49.29	74.00	-24.71	peak
2	10355.000	38.32	11.29	49.61	74.00	-24.39	peak
3	11708.000	35.82	15.11	50.93	74.00	-23.07	peak
4	12005.000	37.75	15.32	53.07	74.00	-20.93	peak
5	12720.000	34.88	15.51	50.39	74.00	-23.61	peak
6	16812.000	34.15	19.77	53.92	74.00	-20.08	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. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

**SPURIOUS EMISSIONS (BT GFSK MID CHANNEL AND UNII-2C BAND MID CHANNEL,  
WORST-CASE CONFIGURATION, VERTICAL)**

**1-7 GHz**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2398.000	56.78	-9.09	47.69	74.00	-26.31	peak
2	3196.000	49.17	-6.60	42.57	74.00	-31.43	peak
3	4138.000	53.60	-3.34	50.26	74.00	-23.74	peak
4	4558.000	52.34	-1.89	50.45	74.00	-23.55	peak
5	5182.000	51.39	0.74	52.13	74.00	-21.87	peak
6	6214.000	47.32	2.28	49.60	74.00	-24.40	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.

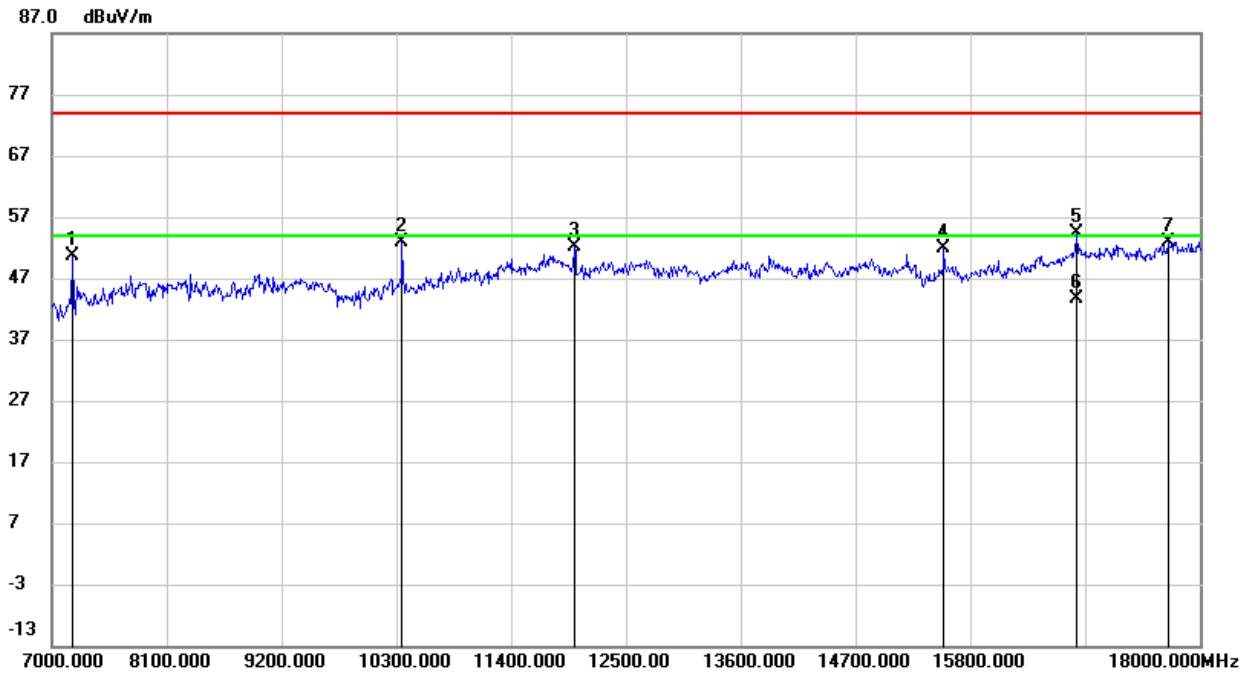
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

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

8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



**7-18 GHz**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7198.000	43.59	6.96	50.55	74.00	-23.45	peak
2	10355.000	41.64	11.29	52.93	74.00	-21.07	peak
3	12005.000	36.87	15.32	52.19	74.00	-21.81	peak
4	15547.000	35.26	16.58	51.84	74.00	-22.16	peak
5	16823.000	34.64	19.80	54.44	74.00	-19.56	peak
6	16823.000	23.77	19.80	43.57	54.00	-10.43	AVG
7	17692.000	31.11	21.87	52.98	74.00	-21.02	peak

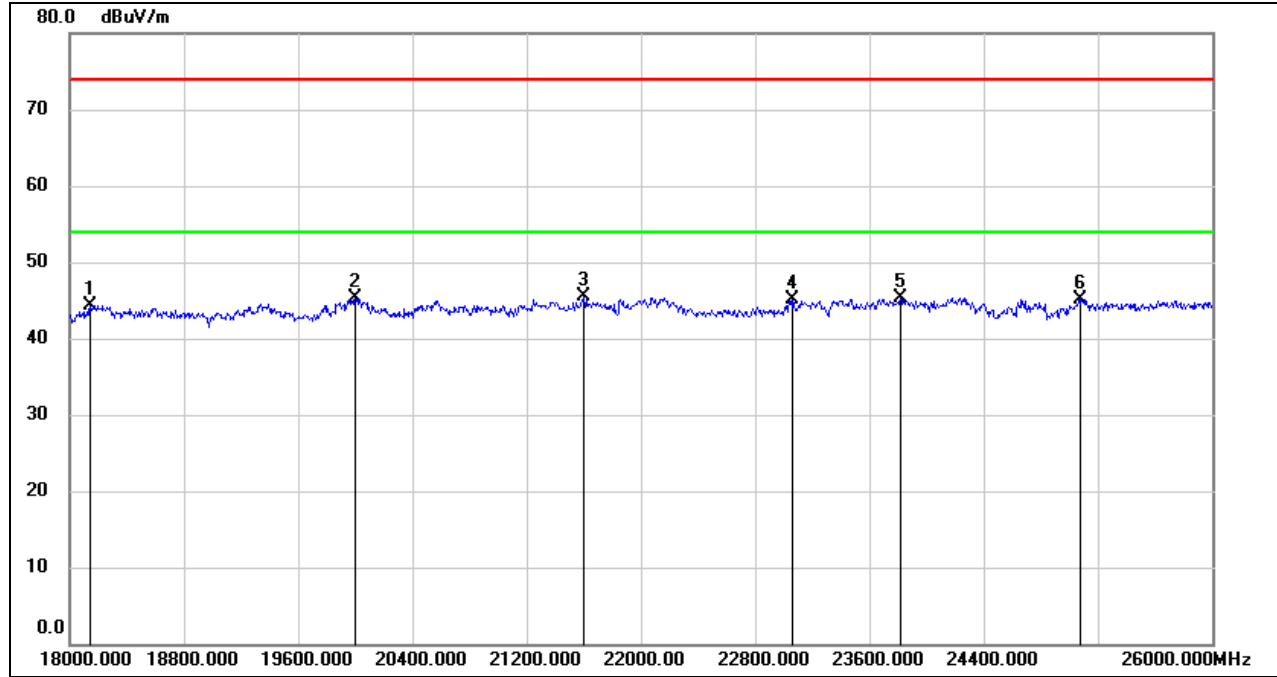
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Peak: Peak detector.  
 4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
 5. For the transmitting duration, please refer to clause 7.1.  
 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. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



### 8.5. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

#### 8.5.1. 802.11ax HE40 MODE

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

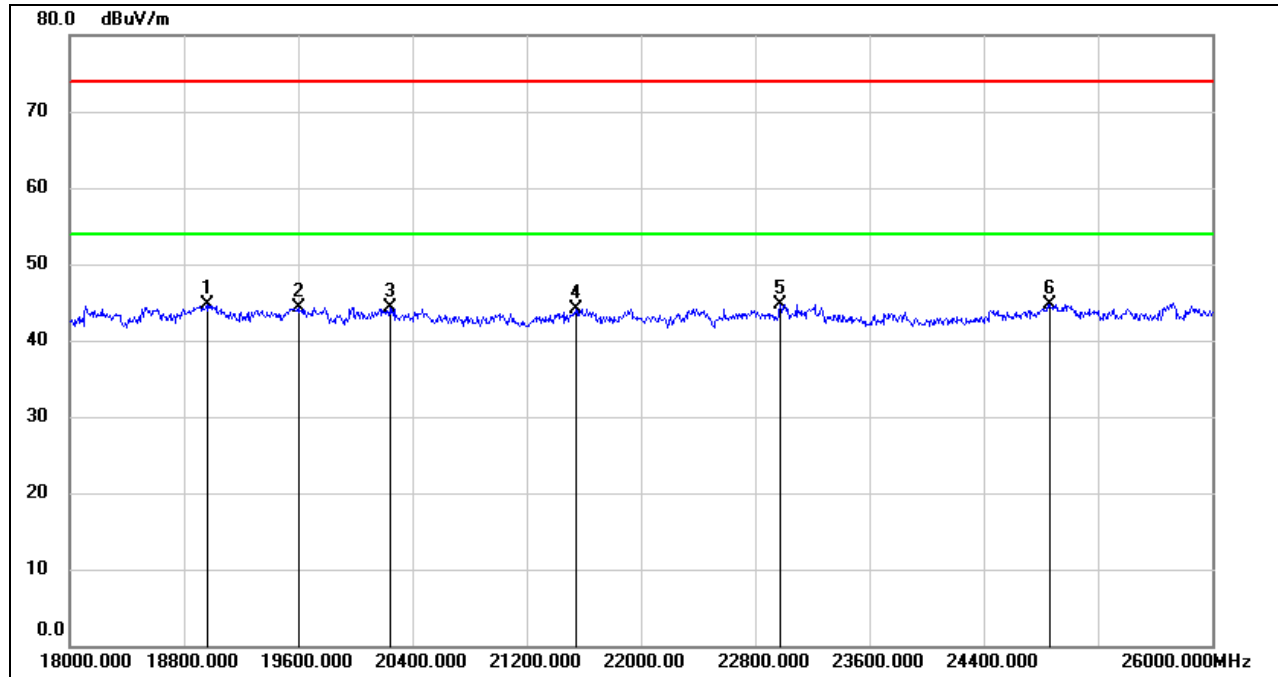


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	49.77	-5.48	44.29	74.00	-29.71	peak
2	20000.000	50.81	-5.45	45.36	74.00	-28.64	peak
3	21600.000	50.02	-4.54	45.48	74.00	-28.52	peak
4	23064.000	48.49	-3.42	45.07	74.00	-28.93	peak
5	23816.000	48.39	-3.08	45.31	74.00	-28.69	peak
6	25072.000	47.17	-1.97	45.20	74.00	-28.80	peak

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



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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18960.000	50.01	-5.25	44.76	74.00	-29.24	peak
2	19600.000	49.79	-5.43	44.36	74.00	-29.64	peak
3	20240.000	49.82	-5.61	44.21	74.00	-29.79	peak
4	21544.000	48.76	-4.63	44.13	74.00	-29.87	peak
5	22976.000	48.26	-3.46	44.80	74.00	-29.20	peak
6	24864.000	47.03	-2.23	44.80	74.00	-29.20	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.

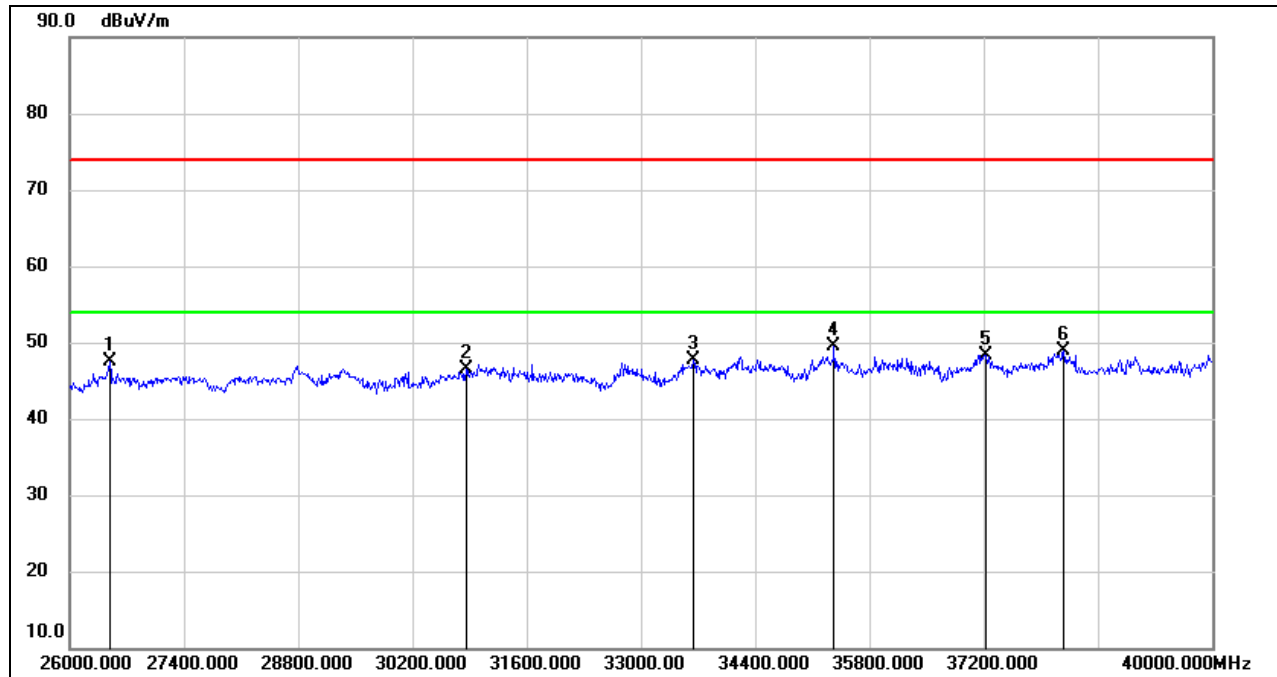
Note: All the modes had been tested, but only the worst data was recorded in the report.



## 8.6. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

### 8.6.1. 802.11ax HE40 MODE

#### SPURIOUS EMISSIONS (UNII-2C BAND MID 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	52.29	-4.74	47.55	74.00	-26.45	peak
2	30858.000	47.50	-0.97	46.53	74.00	-27.47	peak
3	33644.000	47.31	0.42	47.73	74.00	-26.27	peak
4	35366.000	46.90	2.59	49.49	74.00	-24.51	peak
5	37228.000	45.23	3.14	48.37	74.00	-25.63	peak
6	38180.000	45.14	3.69	48.83	74.00	-25.17	peak

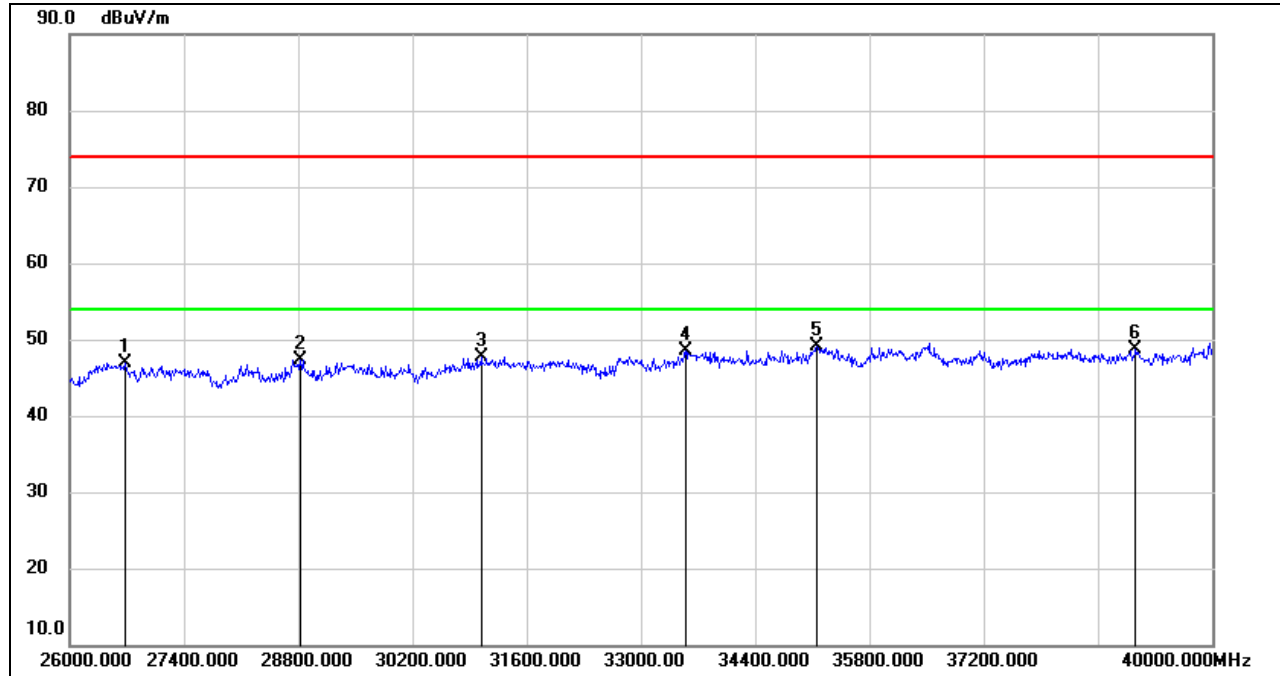
Note: 1. Measurement = Reading Level + Correct Factor.

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 MID CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26672.000	51.72	-4.86	46.86	74.00	-27.14	peak
2	28828.000	48.13	-0.79	47.34	74.00	-26.66	peak
3	31040.000	48.45	-0.72	47.73	74.00	-26.27	peak
4	33546.000	47.99	0.53	48.52	74.00	-25.48	peak
5	35156.000	46.90	2.14	49.04	74.00	-24.96	peak
6	39062.000	44.48	4.30	48.78	74.00	-25.22	peak

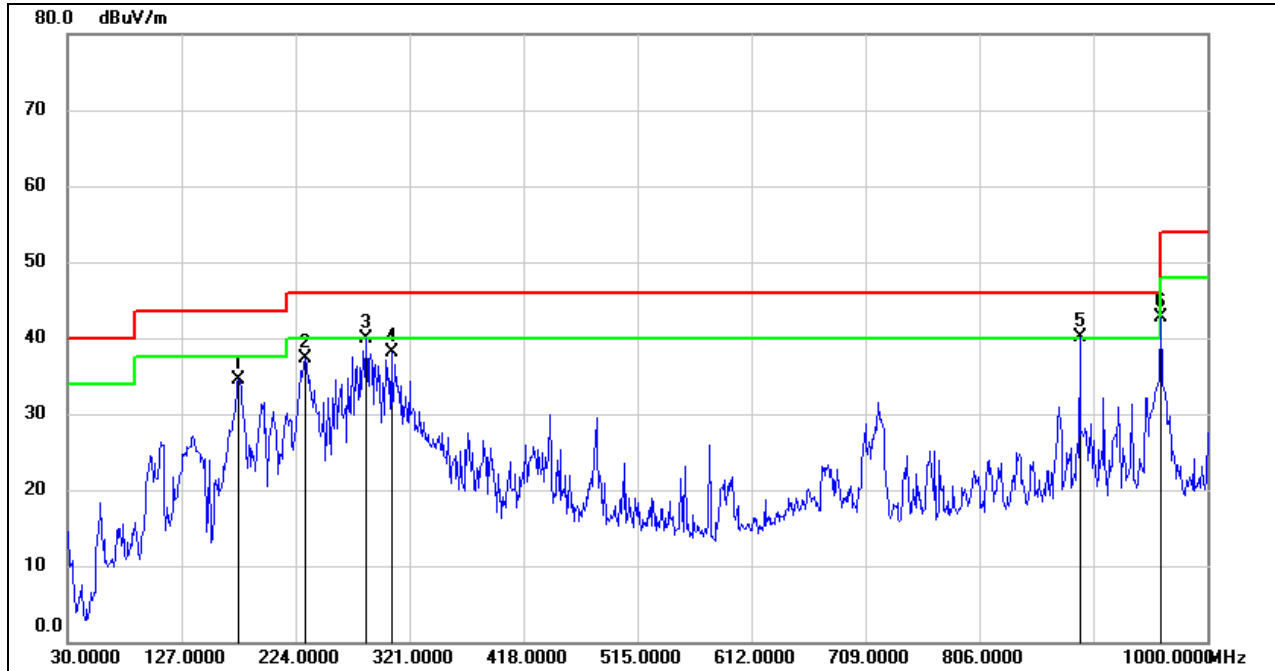
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Peak: Peak detector.

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

### 8.7. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

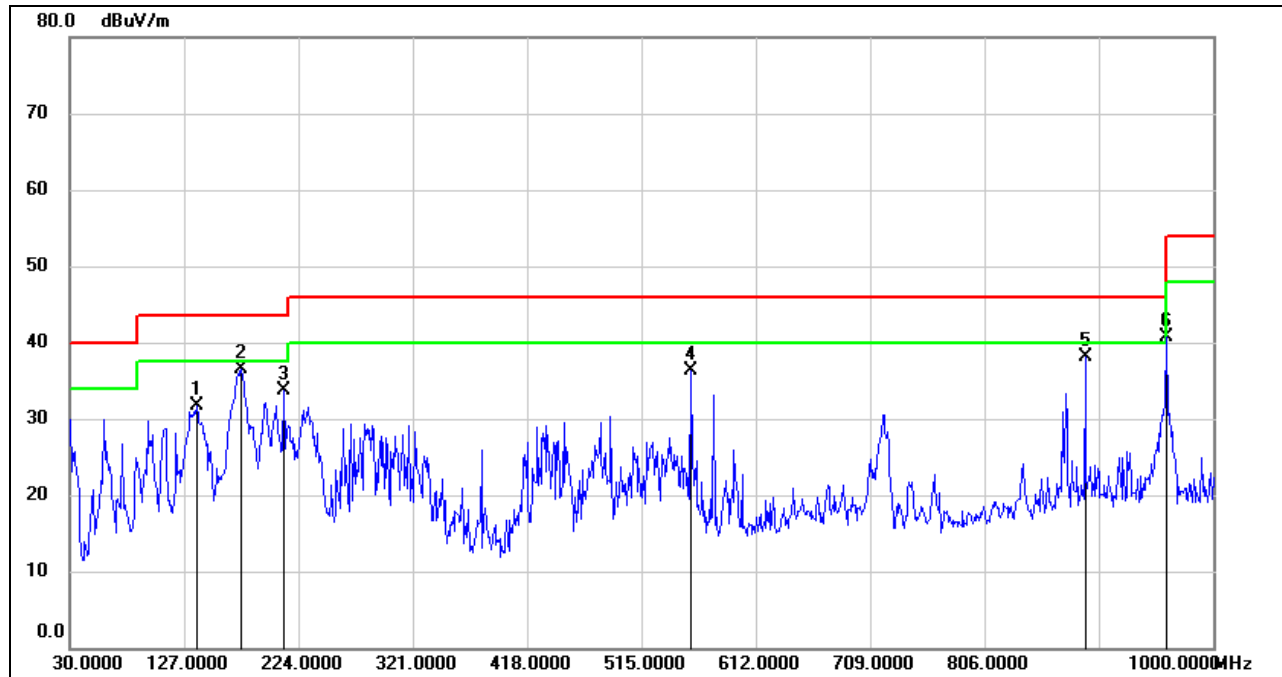
#### 8.7.1. 802.11ax HE40 MODE

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	175.5000	51.51	-17.07	34.44	43.50	-9.06	QP
2	232.7300	56.18	-18.79	37.39	46.00	-8.61	QP
3	284.1400	56.30	-16.36	39.94	46.00	-6.06	QP
4	305.4800	53.19	-15.17	38.02	46.00	-7.98	QP
5	891.3600	45.28	-5.24	40.04	46.00	-5.96	QP
6	960.2300	47.28	-4.54	42.74	54.00	-11.26	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 MID CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)**

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	137.6700	50.56	-18.95	31.61	43.50	-11.89	QP
2	175.5000	53.64	-17.07	36.57	43.50	-6.93	QP
3	211.3900	51.09	-17.40	33.69	43.50	-9.81	QP
4	556.7100	46.71	-10.38	36.33	46.00	-9.67	QP
5	891.3600	43.32	-5.24	38.08	46.00	-7.92	QP
6	960.2300	45.23	-4.54	40.69	54.00	-13.31	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

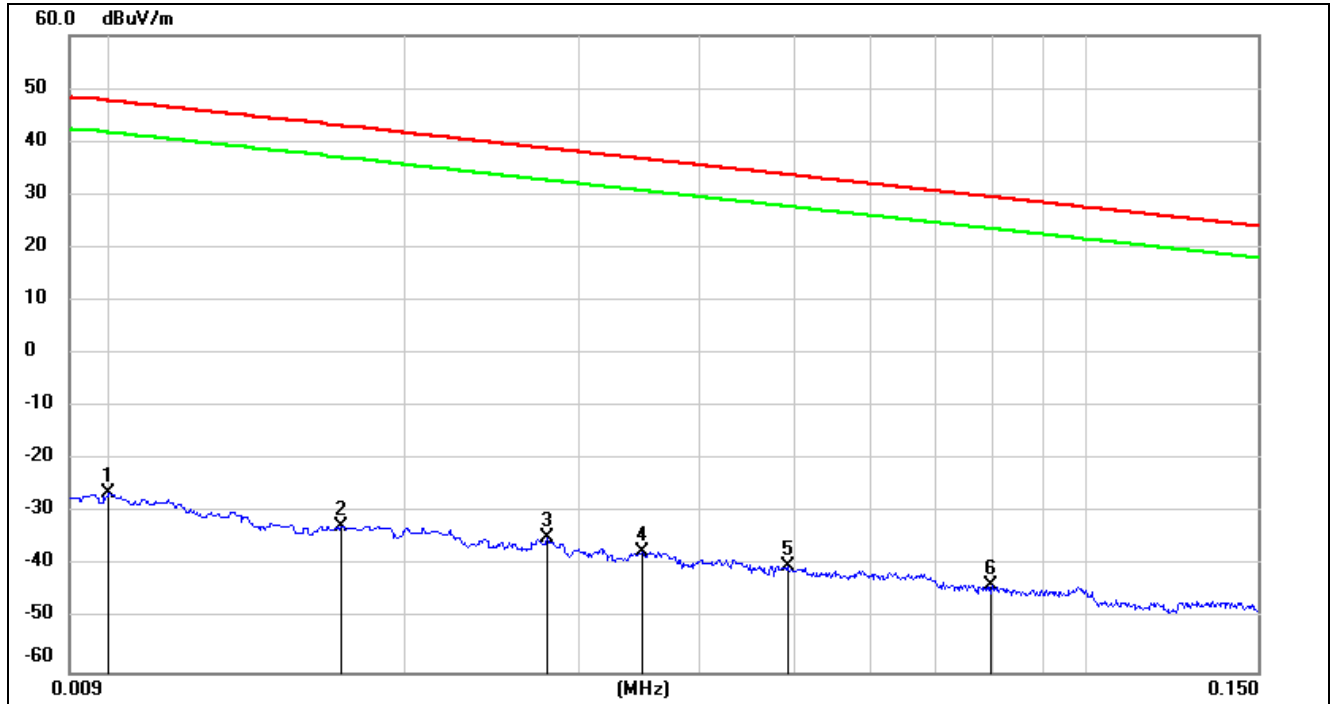
Note: All the modes had been tested, but only the worst data was recorded in the report.

## 8.8. SPURIOUS EMISSIONS BELOW 30 MHz

### 8.8.1. 802.11ax HE40 MODE

#### SPURIOUS EMISSIONS (UNII-2C BAND MID 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	0.0171	68.88	-101.36	-32.48	42.94	-83.98	-8.56	-75.42	peak
3	0.0279	66.67	-101.38	-34.71	38.69	-86.21	-12.81	-73.40	peak
4	0.0349	64.03	-101.41	-37.38	36.75	-88.88	-14.75	-74.13	peak
5	0.0492	61.55	-101.47	-39.92	33.76	-91.42	-17.74	-73.68	peak
6	0.0796	58.03	-101.63	-43.6	29.58	-95.10	-21.92	-73.18	peak

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

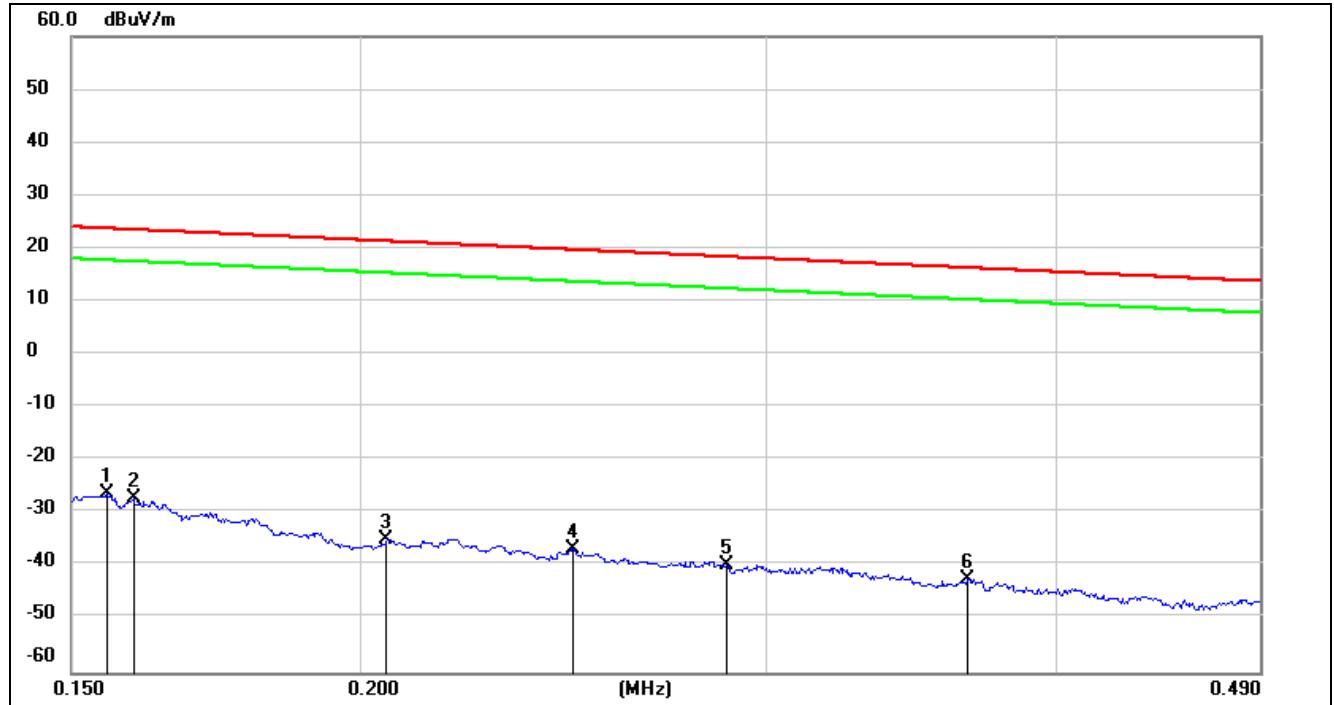
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

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



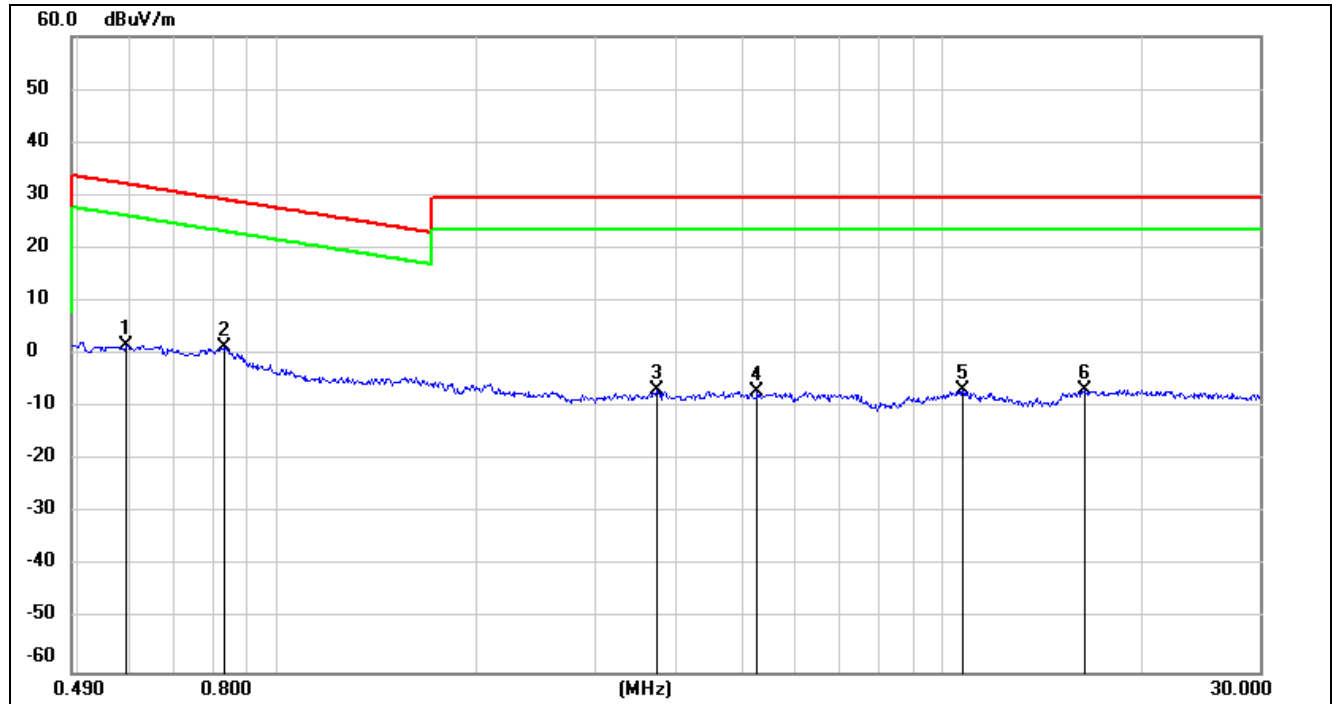
**150 kHz ~ 490 kHz**



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	0.2053	66.79	-101.73	-34.94	21.35	-86.44	-30.15	-56.29	peak
4	0.2472	64.95	-101.80	-36.85	19.74	-88.35	-31.76	-56.59	peak
5	0.2878	62.22	-101.85	-39.63	18.42	-91.13	-33.08	-58.05	peak
6	0.3662	59.58	-101.93	-42.35	16.33	-93.85	-35.17	-58.68	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	63.74	-62.08	1.66	32.16	-49.84	-19.34	-30.50	peak
2	0.8296	63.44	-62.17	1.27	29.23	-50.23	-22.27	-27.96	peak
3	3.7100	54.70	-61.41	-6.71	29.54	-58.21	-21.96	-36.25	peak
4	5.2705	54.54	-61.45	-6.91	29.54	-58.41	-21.96	-36.45	peak
5	10.7299	53.98	-60.83	-6.85	29.54	-58.35	-21.96	-36.39	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 had been tested, but only the worst data was recorded in the report.

## 9. AC POWER LINE CONDUCTED EMISSIONS

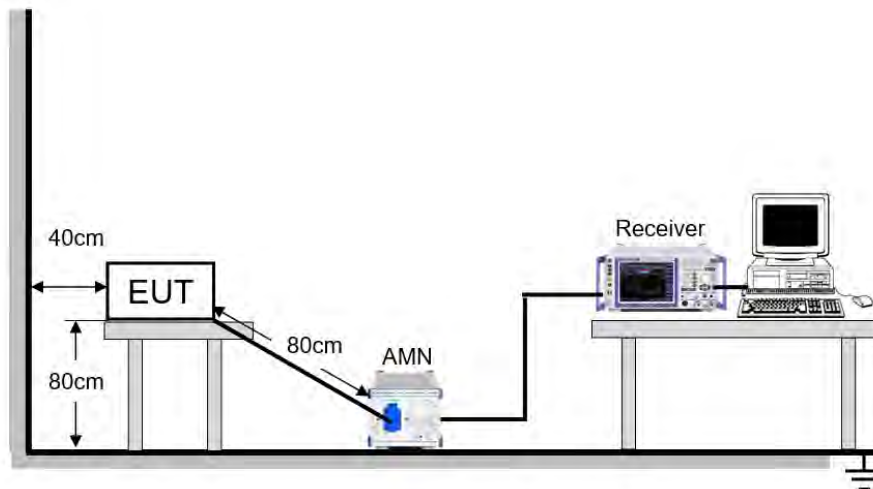
### LIMITS

Please refer to CFR 47 FCC §15.207 (a).

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	25.7 °C	Relative Humidity	64 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V/ 60 Hz

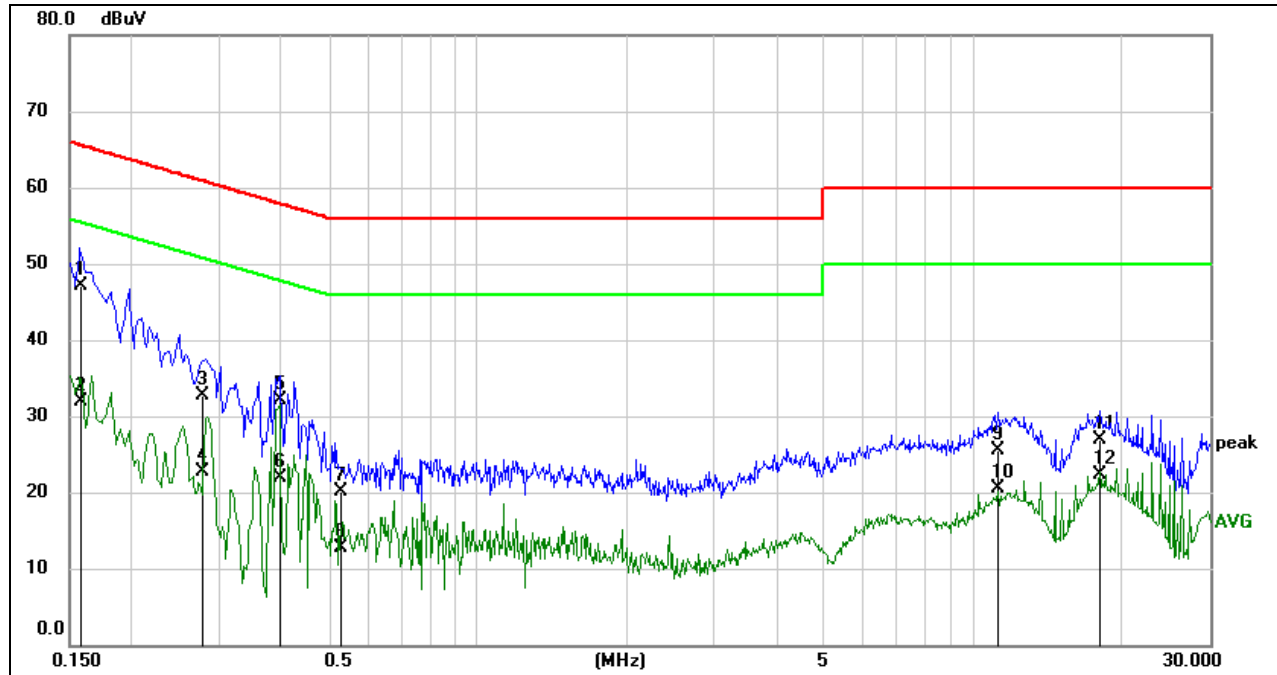




**RESULTS**

**9.1.1. 802.11ax HE40 MODE**

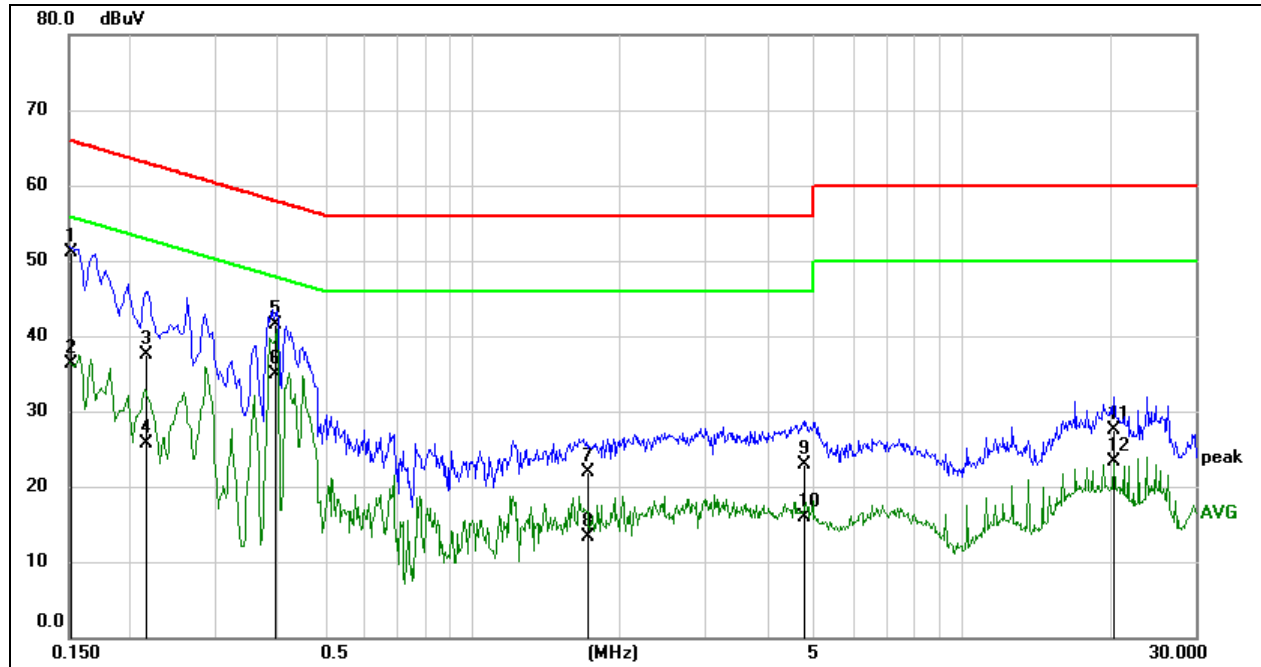
**LINE N RESULTS (UNII-2C BAND MID CHANNEL, WORST-CASE CONFIGURATION)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1587	37.49	9.59	47.08	65.53	-18.45	QP
2	0.1587	22.39	9.59	31.98	55.53	-23.55	AVG
3	0.2773	23.15	9.59	32.74	60.90	-28.16	QP
4	0.2773	13.05	9.59	22.64	50.90	-28.26	AVG
5	0.4012	22.48	9.60	32.08	57.83	-25.75	QP
6	0.4012	12.24	9.60	21.84	47.83	-25.99	AVG
7	0.5332	10.58	9.60	20.18	56.00	-35.82	QP
8	0.5332	3.16	9.60	12.76	46.00	-33.24	AVG
9	11.2107	15.87	9.64	25.51	60.00	-34.49	QP
10	11.2107	10.80	9.64	20.44	50.00	-29.56	AVG
11	18.0343	17.21	9.77	26.98	60.00	-33.02	QP
12	18.0343	12.57	9.77	22.34	50.00	-27.66	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 MID CHANNEL, WORST-CASE CONFIGURATION)**



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1522	41.54	9.59	51.13	65.88	-14.75	QP
2	0.1522	26.63	9.59	36.22	55.88	-19.66	AVG
3	0.2145	27.96	9.59	37.55	63.03	-25.48	QP
4	0.2145	16.14	9.59	25.73	53.03	-27.30	AVG
5	0.3945	31.86	9.59	41.45	57.97	-16.52	QP
6	0.3945	25.39	9.59	34.98	47.97	-12.99	AVG
7	1.7352	12.31	9.62	21.93	56.00	-34.07	QP
8	1.7352	3.63	9.62	13.25	46.00	-32.75	AVG
9	4.7822	13.24	9.61	22.85	56.00	-33.15	QP
10	4.7822	6.23	9.61	15.84	46.00	-30.16	AVG
11	20.4725	17.57	9.84	27.41	60.00	-32.59	QP
12	20.4725	13.48	9.84	23.32	50.00	-26.68	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

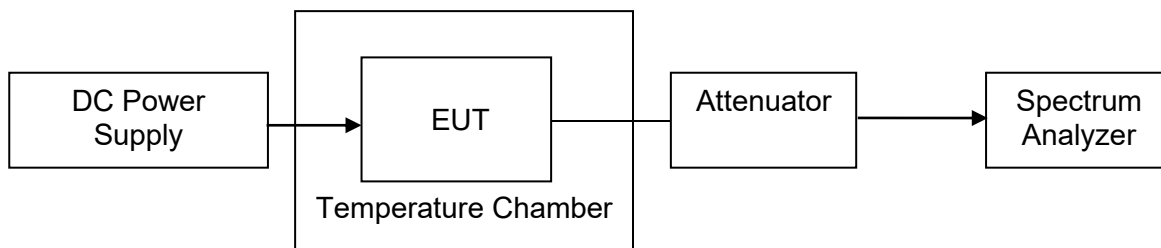
1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 40 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of 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, 5minutes, 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 <sub>N</sub> (Normal Temperature): 23.5 °C	T <sub>L</sub> (Low Temperature): 0 °C
		T <sub>H</sub> (High Temperature): 40 °C
Supply Voltage	V <sub>N</sub> (Normal Voltage): DC 5 V	V <sub>L</sub> (Low Voltage): DC 4.25 V
		V <sub>H</sub> (High Voltage): DC 5.75 V

Note: A test jig has been used to apply voltage variation to device while maintaining functionalities of the device based on C63.10 Clause 5.13 d.

**RESULTS**

Please refer to Appendix E.

## 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		
	<input type="checkbox"/> Master	<input checked="" type="checkbox"/> Client Without Radar Detection	<input type="checkbox"/> 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	
	<input type="checkbox"/> Master Device or Client with Radar Detection	<input checked="" type="checkbox"/> 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	<input type="checkbox"/> Master Device or Client with Radar Detection	<input checked="" type="checkbox"/> 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.

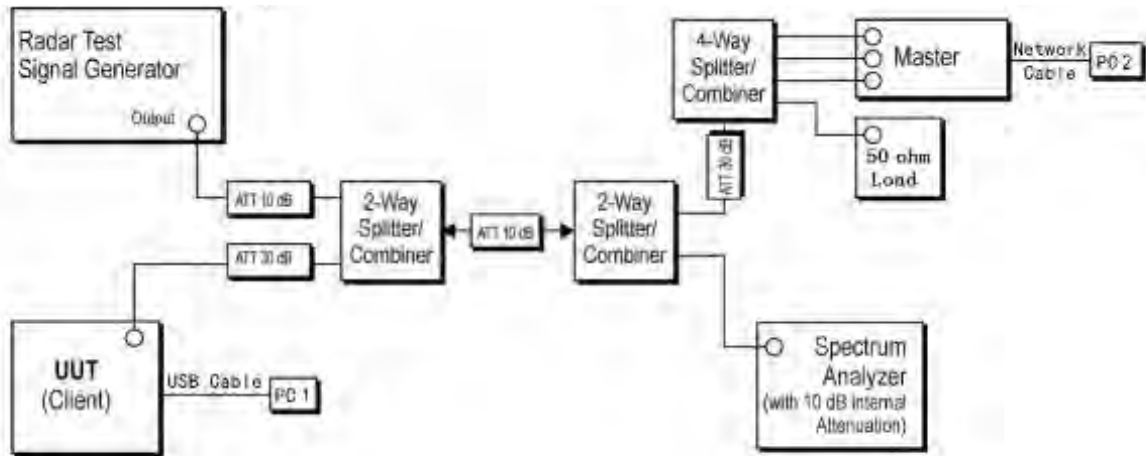
Table 5 Short Pulse Radar Test Waveforms

Radars 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 $\left\{ \begin{matrix} \frac{1}{360} \\ \frac{19 \cdot 10^9}{PRI_{\mu sec}} \end{matrix} \right\}$	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 (Radars Types 1-4)				80%	120
<p>Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.</p> <p>Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a.</p> <p>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.</p>					

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



**TEST ENVIRONMENT**

Temperature	26.6 °C	Relative Humidity	62.6 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 5 V

**RESULTS**

Please refer to Appendix 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

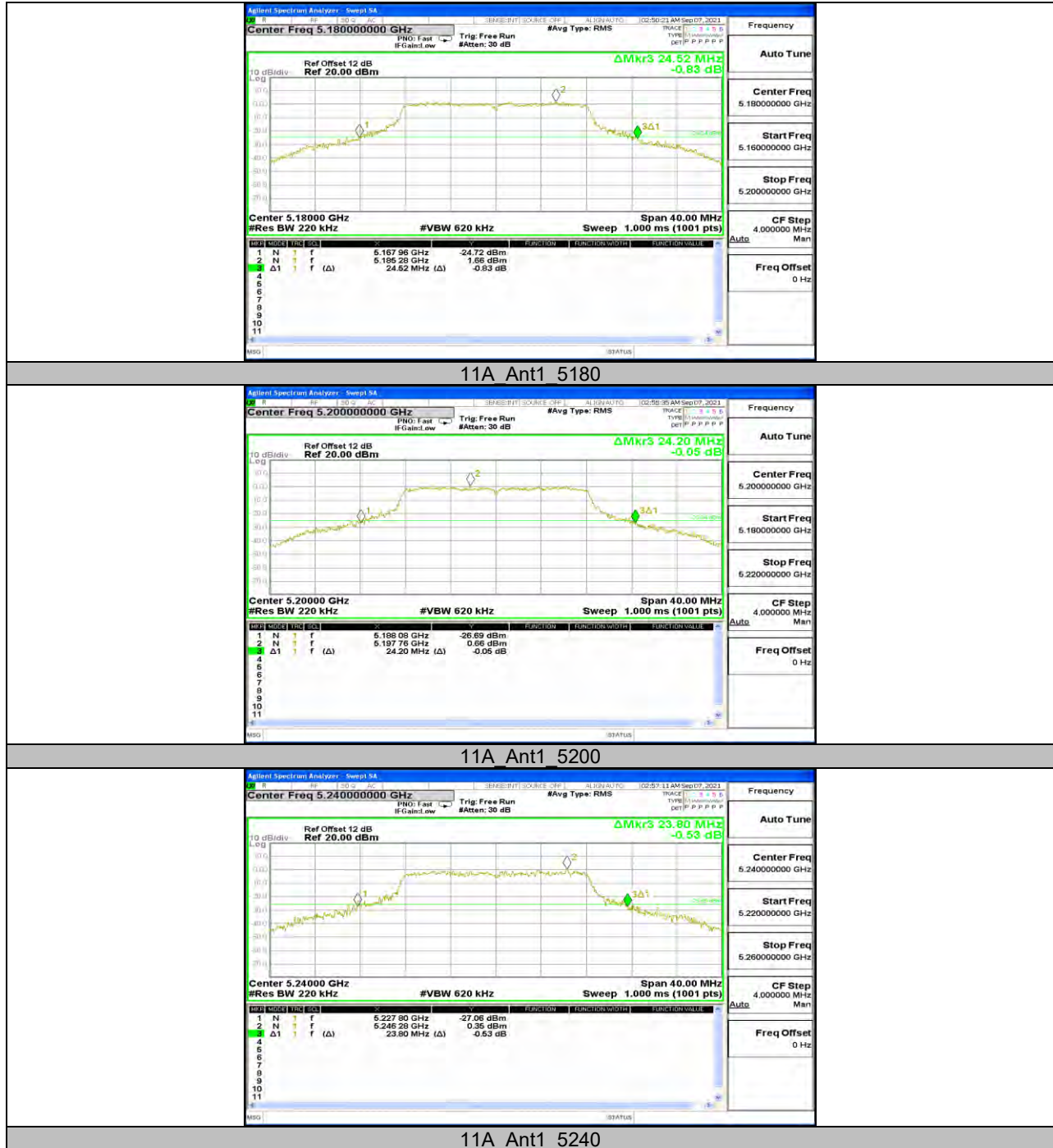
##### 13.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	24.520	5167.960	5192.480	PASS
		5200	24.200	5188.080	5212.280	PASS
		5240	23.800	5227.800	5251.600	PASS
		5260	24.920	5247.680	5272.600	PASS
		5280	25.120	5267.520	5292.640	PASS
		5320	24.600	5307.600	5332.200	PASS
		5500	24.800	5487.880	5512.680	PASS
		5580	24.520	5567.400	5591.920	PASS
		5700	24.320	5688.120	5712.440	PASS
		5720	24.360	5707.760	5732.120	PASS
		5720 UNII-2C	17.24	5707.760	5725	PASS
		5720 UNII-3	7.12	5725	5732.120	PASS
		5745	24.160	5732.440	5756.600	PASS
		5785	24.000	5772.960	5796.960	PASS
5825	24.200	5812.880	5837.080	PASS		
11N20SISO	Ant1	5180	24.400	5167.920	5192.320	PASS
		5200	25.480	5187.200	5212.680	PASS
		5240	24.840	5227.640	5252.480	PASS
		5260	24.920	5247.440	5272.360	PASS
		5280	24.760	5267.840	5292.600	PASS
		5320	25.480	5307.200	5332.680	PASS
		5500	25.240	5487.560	5512.800	PASS
		5580	24.840	5567.880	5592.720	PASS
		5700	25.480	5687.000	5712.480	PASS
		5720	25.320	5707.480	5732.800	PASS
		5720 UNII-2C	17.52	5707.480	5725	PASS
		5720 UNII-3	7.8	5725	5732.800	PASS
		5745	25.960	5732.080	5758.040	PASS
		5785	25.480	5772.520	5798.000	PASS
5825	24.760	5812.360	5837.120	PASS		
11N40SISO	Ant1	5190	45.920	5166.880	5212.800	PASS
		5230	45.680	5206.800	5252.480	PASS
		5270	48.000	5246.080	5294.080	PASS
		5310	46.160	5286.800	5332.960	PASS
		5510	48.320	5485.920	5534.240	PASS
		5550	46.720	5527.200	5573.920	PASS
		5670	46.960	5647.040	5694.000	PASS
		5710	46.560	5686.080	5732.640	PASS
		5710 UNII-2C	38.92	5686.080	5725	PASS
		5710 UNII-3	7.64	5725	5732.640	PASS
		5755	48.080	5730.280	5778.360	PASS
		5795	47.360	5771.720	5819.080	PASS
11AX20SISO	Ant1	5180	25.000	5167.320	5192.320	PASS
		5200	25.600	5187.200	5212.800	PASS
		5240	24.560	5227.320	5251.880	PASS
		5260	24.960	5247.440	5272.400	PASS
		5280	24.360	5268.160	5292.520	PASS
		5320	24.680	5307.680	5332.360	PASS
		5500	23.600	5488.200	5511.800	PASS
		5580	24.480	5567.440	5591.920	PASS
		5700	24.480	5687.600	5712.080	PASS
5720	24.680	5707.400	5732.080	PASS		



		5720 UNII-2C	17.6	5707.400	5725	PASS
		5720 UNII-3	7.08	5725	5732.080	PASS
		5745	24.240	5732.720	5756.960	PASS
		5785	24.760	5773.160	5797.920	PASS
		5825	24.360	5812.680	5837.040	PASS
		5190	44.240	5167.840	5212.080	PASS
		5230	47.440	5204.960	5252.400	PASS
		5270	45.840	5246.560	5292.400	PASS
		5310	46.480	5287.520	5334.000	PASS
		5510	44.560	5487.440	5532.000	PASS
		5550	45.200	5527.280	5572.480	PASS
		5670	46.560	5647.120	5693.680	PASS
		5710	47.040	5686.800	5733.840	PASS
		5710 UNII-2C	38.2	5686.800	5725	PASS
		5710 UNII-3	8.84	5725	5733.840	PASS
		5755	44.880	5732.120	5777.000	PASS
		5795	44.480	5772.520	5817.000	PASS
11AX40SISO	Ant1					

### 13.1.2. Test Graphs





11A Ant1 5260



11A Ant1 5280



11A Ant1 5320





11A Ant1 5500



11A Ant1 5580



11A Ant1 5700



11A Ant1 5720



11A Ant1 5745



11A Ant1 5785



11A Ant1 5825



11N20SISO Ant1 5180



11N20SISO Ant1 5200





11N20SISO Ant1 5240



11N20SISO Ant1 5260



11N20SISO Ant1 5280



11N20SISO Ant1 5320



11N20SISO Ant1 5500



11N20SISO Ant1 5580



11N20SISO Ant1 5700



11N20SISO Ant1 5720



11N20SISO Ant1 5745





11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO Ant1 5190



11N40SISO Ant1 5230



11N40SISO Ant1 5270



11N40SISO Ant1 5310



11N40SISO Ant1 5510



11N40SISO Ant1 5550



11N40SISO Ant1 5670





11N40SISO Ant1 5710



11N40SISO Ant1 5755



11N40SISO Ant1 5795



11AX20SISO Ant1 5180



11AX20SISO Ant1 5200



11AX20SISO Ant1 5240





11AX20SISO Ant1 5260



11AX20SISO Ant1 5280



11AX20SISO Ant1 5320



11AX20SISO Ant1 5500



11AX20SISO Ant1 5580



11AX20SISO Ant1 5700



11AX20SISO Ant1 5720



11AX20SISO Ant1 5745



11AX20SISO Ant1 5785





11AX20SISO Ant1 5825



11AX40SISO Ant1 5190



11AX40SISO Ant1 5230



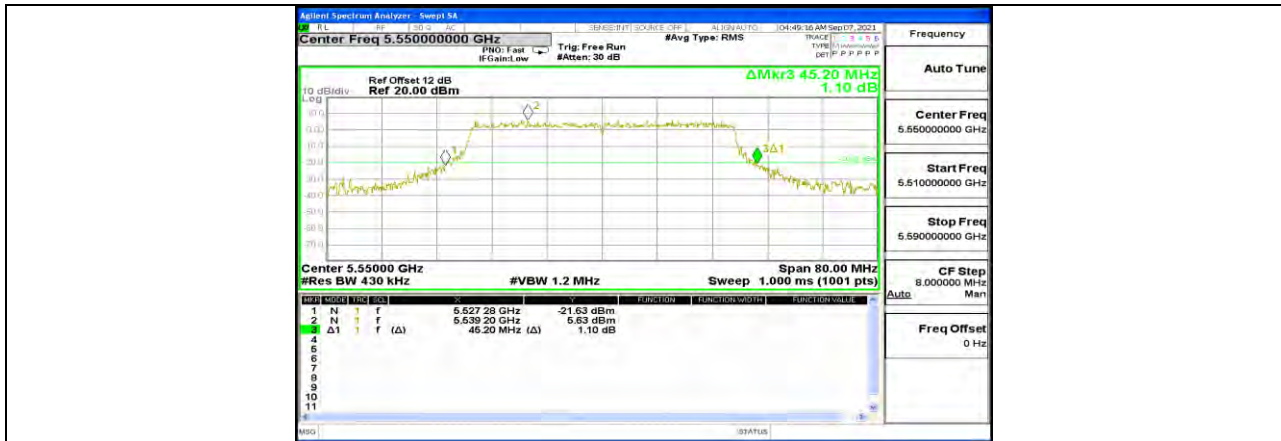
11AX40SISO Ant1 5270



11AX40SISO Ant1 5310



11AX40SISO Ant1 5510



11AX40SISO Ant1 5550



11AX40SISO Ant1 5670



11AX40SISO Ant1 5710