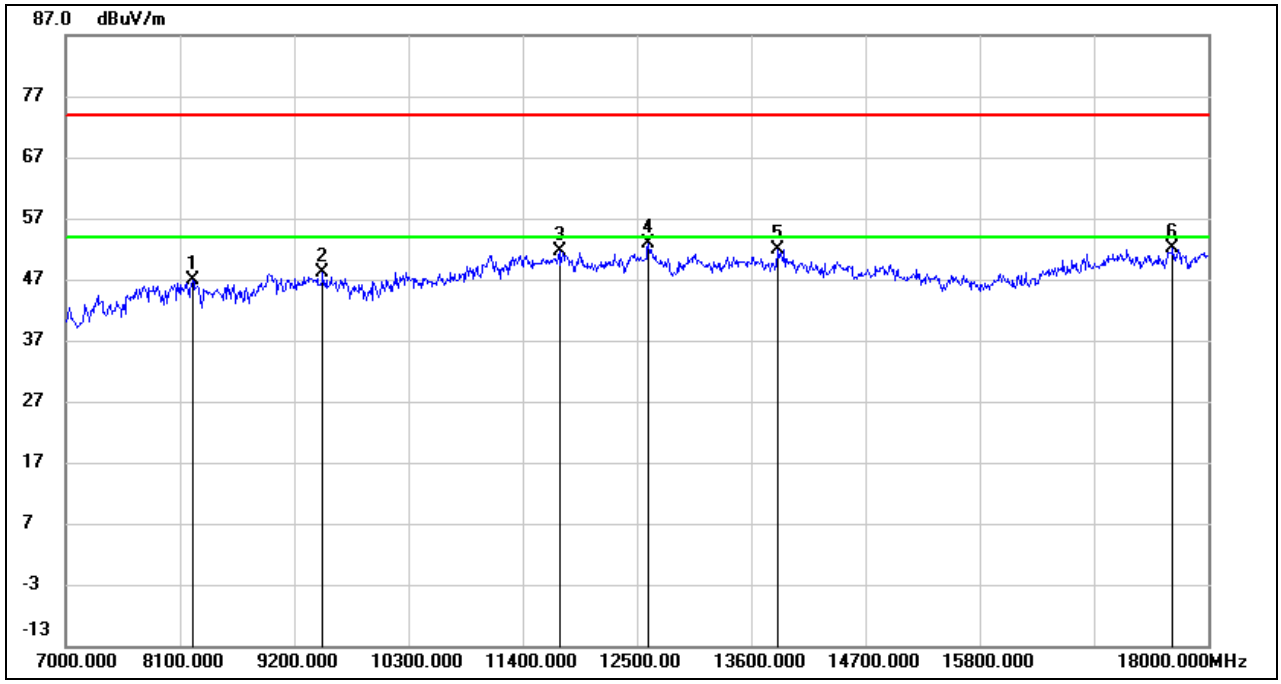
STRADDLE CHANNEL 144

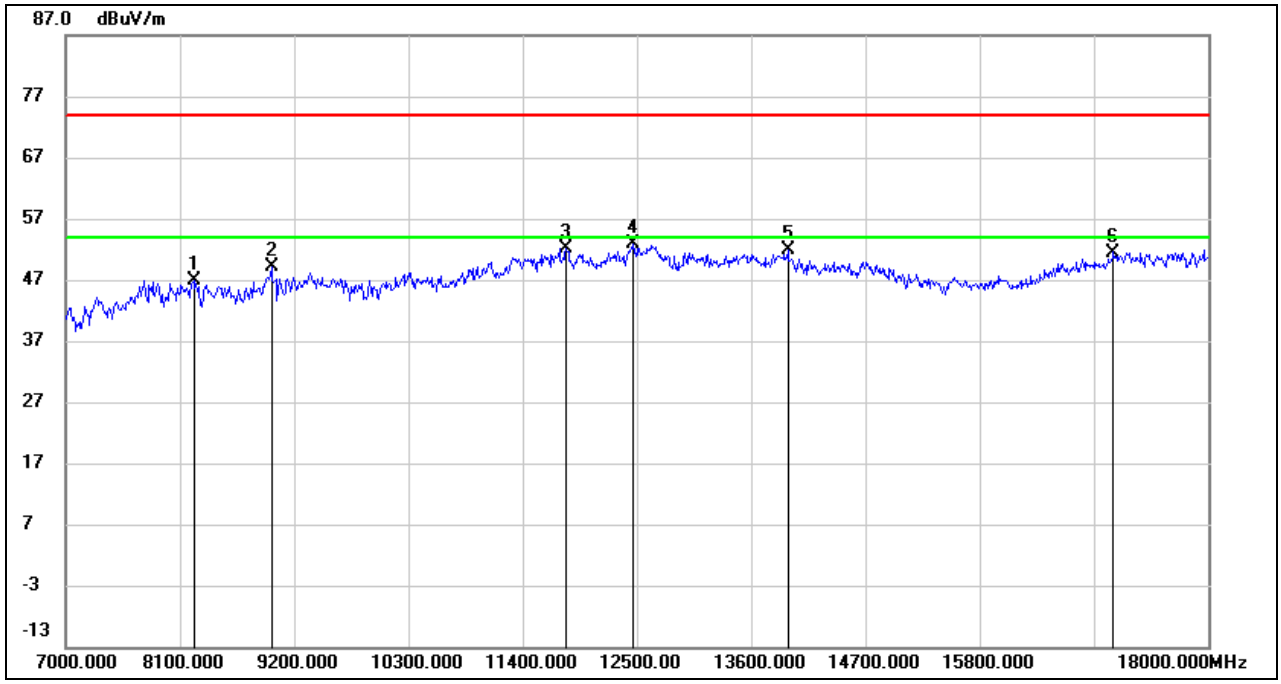
HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8226.500	37.15	9.79	46.94	74.00	-27.06	peak
2	9475.000	36.47	11.56	48.03	74.00	-25.97	peak
3	11752.000	33.29	18.23	51.52	74.00	-22.48	peak
4	12610.000	34.64	18.16	52.80	74.00	-21.20	peak
5	13858.500	31.95	19.83	51.78	74.00	-22.22	peak
6	17659.000	29.30	22.71	52.01	74.00	-21.99	peak

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

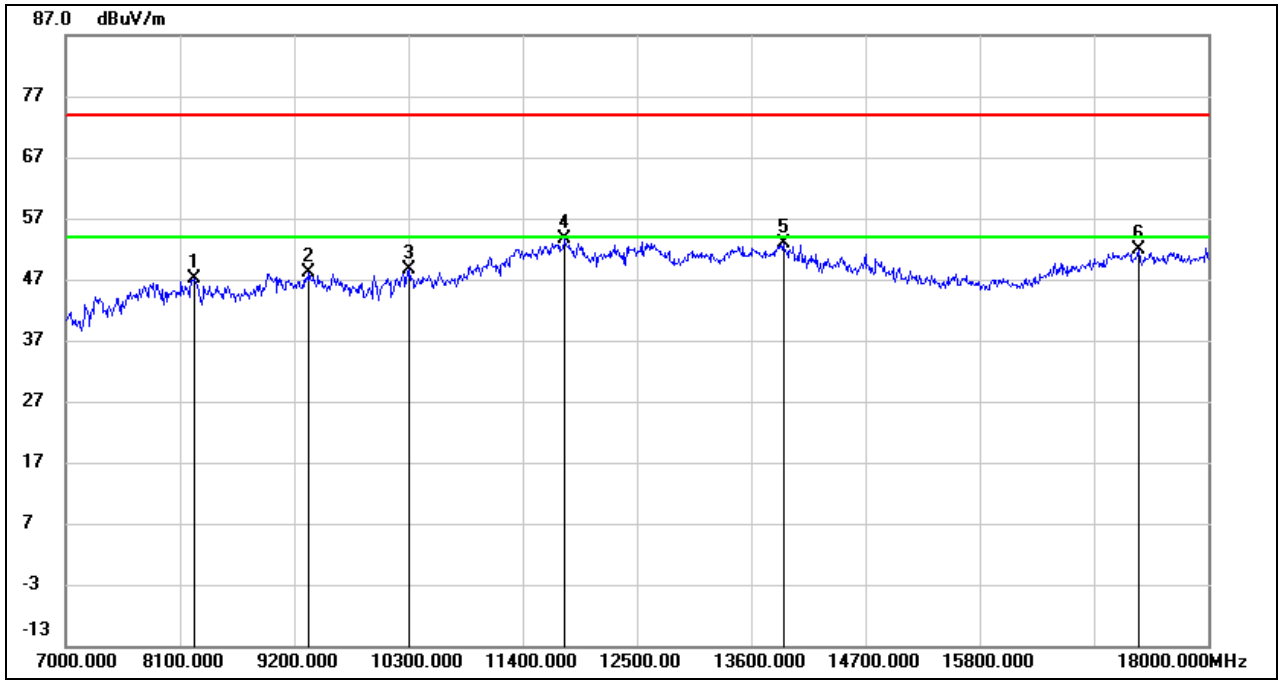


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.16	9.77	46.93	74.00	-27.07	peak
2	8985.500	37.98	11.07	49.05	74.00	-24.95	peak
3	11818.000	33.71	18.41	52.12	74.00	-21.88	peak
4	12467.000	34.72	18.04	52.76	74.00	-21.24	peak
5	13952.000	32.29	19.67	51.96	74.00	-22.04	peak
6	17092.500	31.14	20.36	51.50	74.00	-22.50	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 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

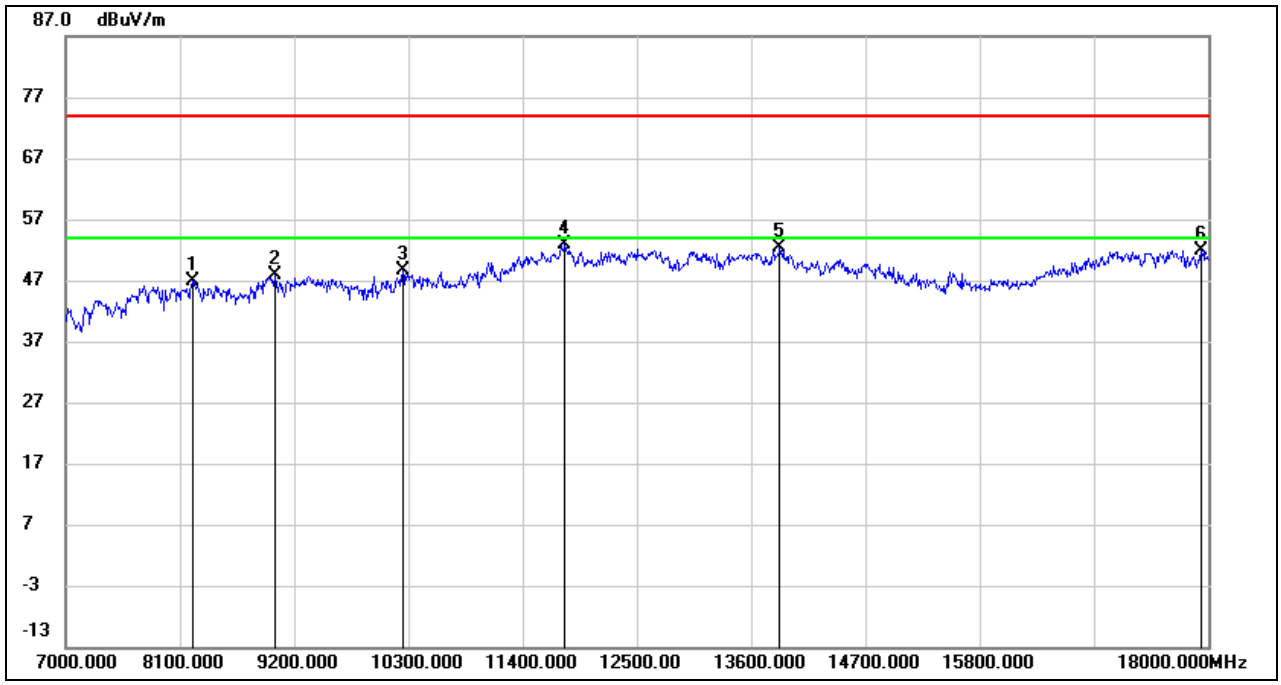
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8243.000	37.33	9.72	47.05	74.00	-26.95	peak
2	9343.000	37.11	10.97	48.08	74.00	-25.92	peak
3	10311.000	35.75	12.79	48.54	74.00	-25.46	peak
4	11807.000	35.10	18.44	53.54	74.00	-20.46	peak
5	13908.000	33.05	19.75	52.80	74.00	-21.20	peak
6	17334.500	30.74	21.02	51.76	74.00	-22.24	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.

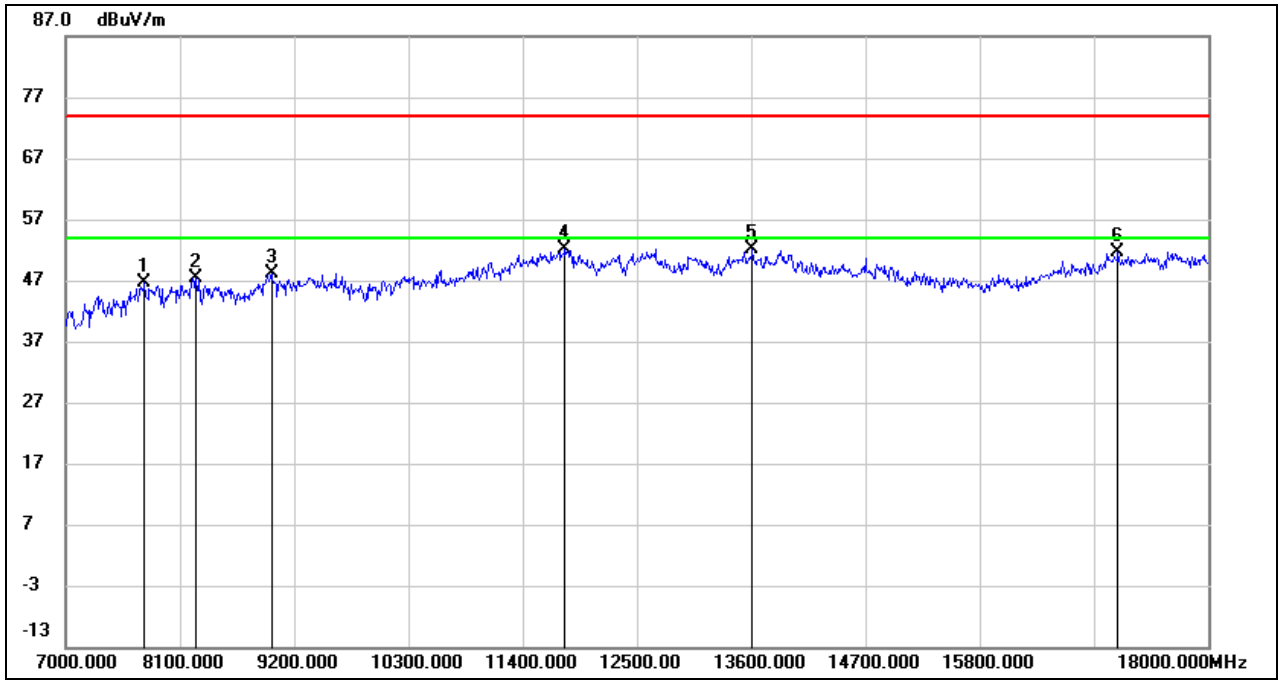
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8226.500	37.18	9.79	46.97	74.00	-27.03	peak
2	9018.500	36.70	11.13	47.83	74.00	-26.17	peak
3	10250.500	36.00	12.53	48.53	74.00	-25.47	peak
4	11812.500	34.51	18.43	52.94	74.00	-21.06	peak
5	13875.000	32.63	19.81	52.44	74.00	-21.56	peak
6	17939.500	27.45	24.53	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.

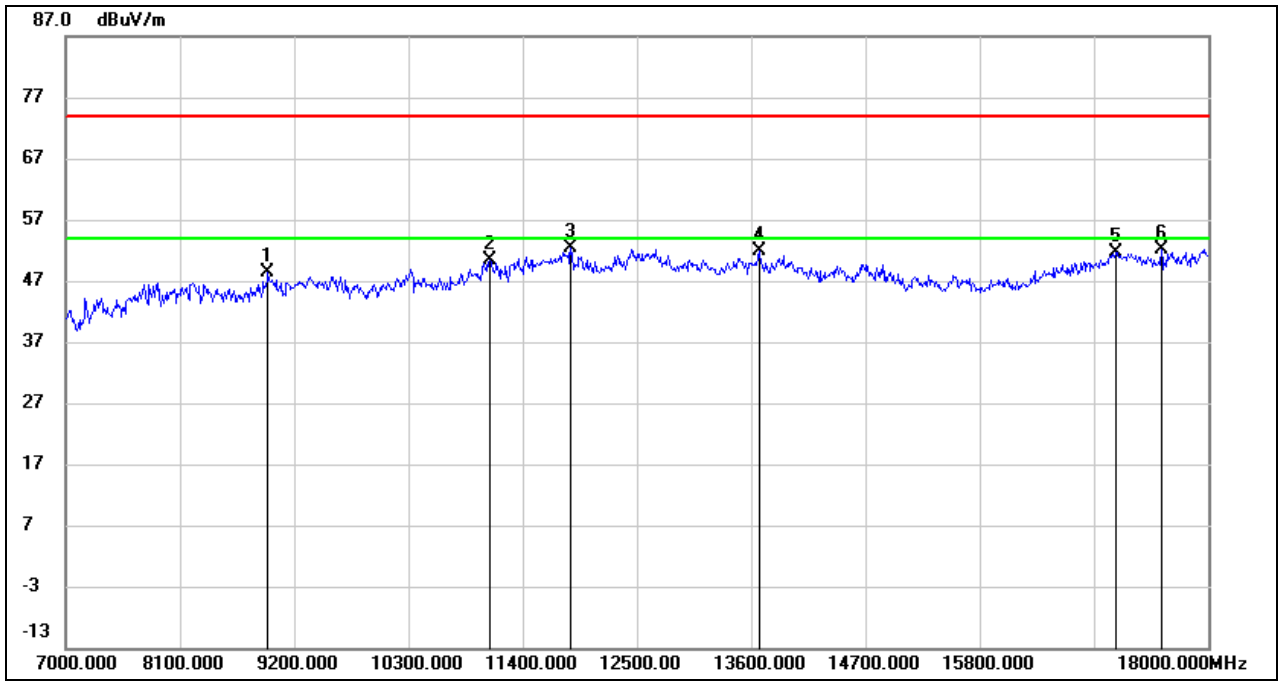
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7764.500	37.81	8.70	46.51	74.00	-27.49	peak
2	8259.500	37.77	9.67	47.44	74.00	-26.56	peak
3	8985.500	37.09	11.07	48.16	74.00	-25.84	peak
4	11812.500	33.69	18.43	52.12	74.00	-21.88	peak
5	13616.500	32.63	19.41	52.04	74.00	-21.96	peak
6	17136.500	30.88	20.69	51.57	74.00	-22.43	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.

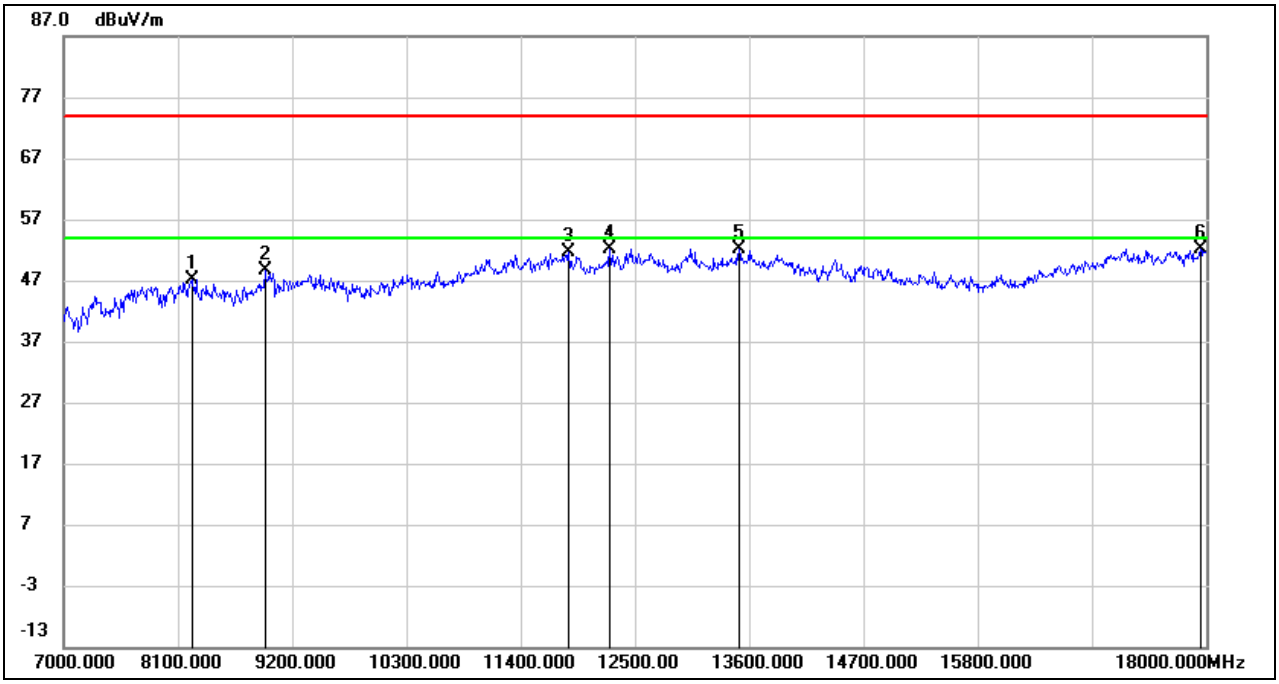
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	37.71	10.69	48.40	74.00	-25.60	peak
2	11086.500	34.67	15.69	50.36	74.00	-23.64	peak
3	11867.500	34.01	18.36	52.37	74.00	-21.63	peak
4	13682.500	32.26	19.61	51.87	74.00	-22.13	peak
5	17114.500	31.21	20.53	51.74	74.00	-22.26	peak
6	17554.500	30.44	21.80	52.24	74.00	-21.76	peak

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

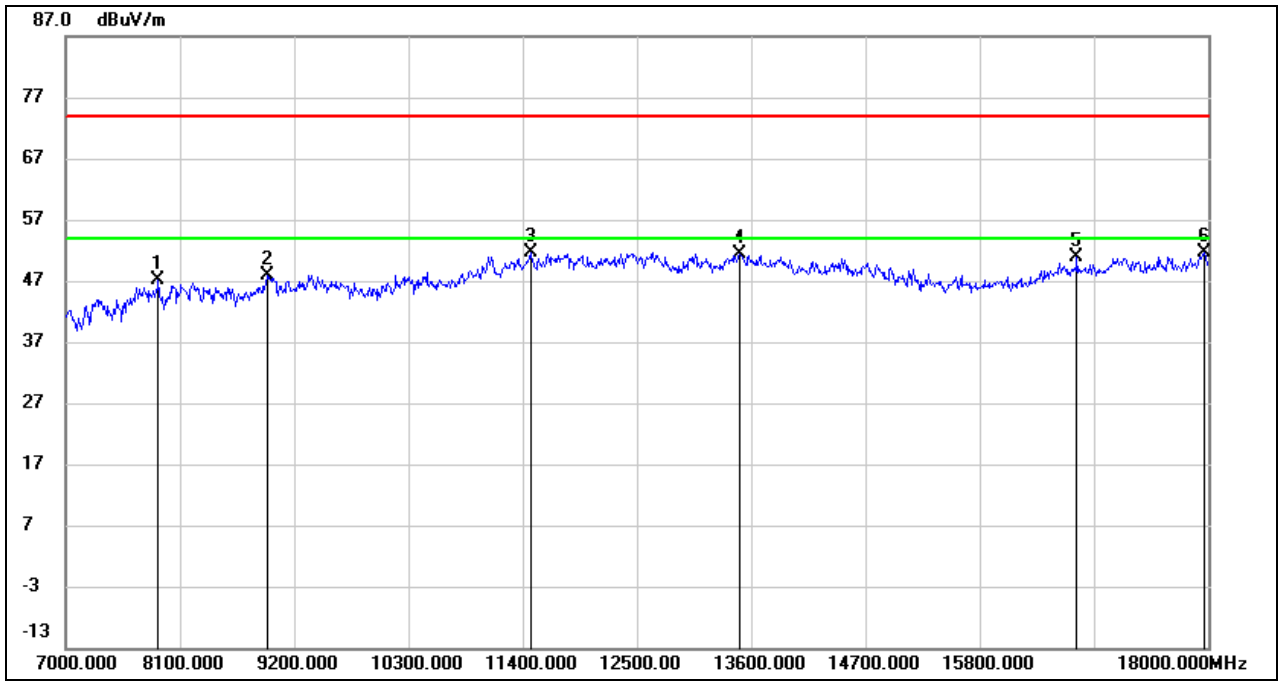
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.36	9.77	47.13	74.00	-26.87	peak
2	8941.500	37.90	10.63	48.53	74.00	-25.47	peak
3	11867.500	33.25	18.36	51.61	74.00	-22.39	peak
4	12263.500	34.20	17.96	52.16	74.00	-21.84	peak
5	13501.000	32.66	19.47	52.13	74.00	-21.87	peak
6	17945.000	27.58	24.54	52.12	74.00	-21.88	peak

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



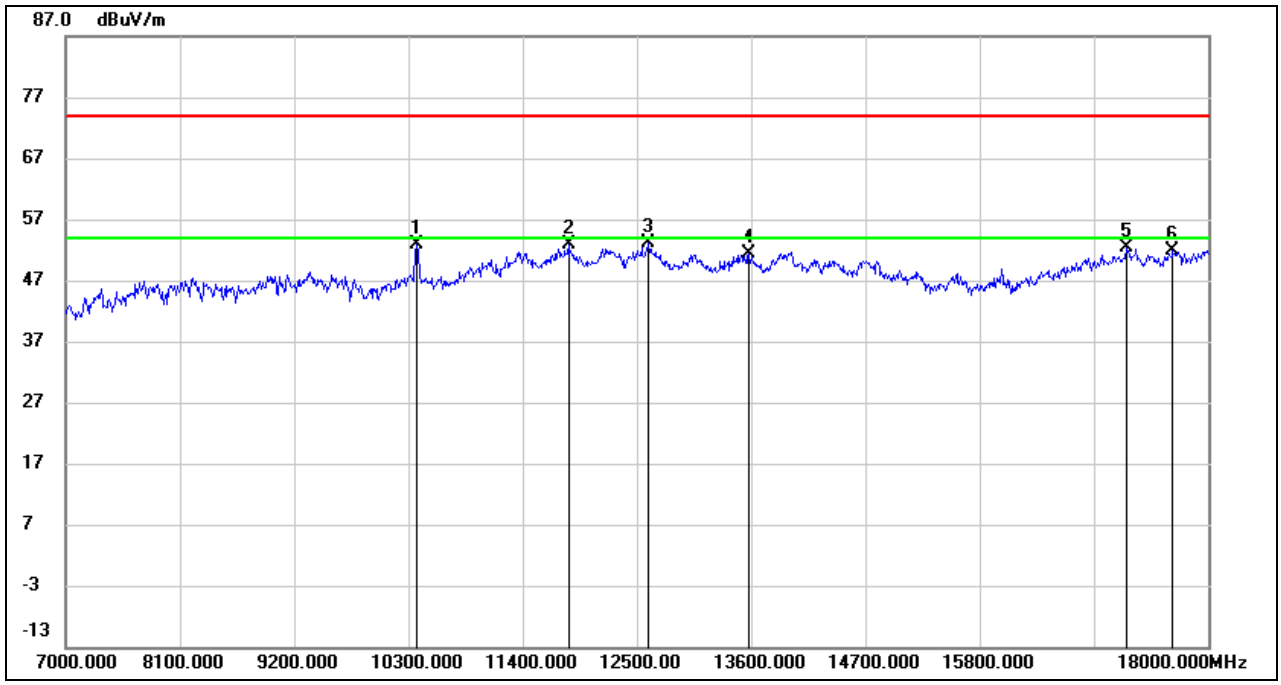
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	38.52	8.61	47.13	74.00	-26.87	peak
2	8936.000	37.37	10.57	47.94	74.00	-26.06	peak
3	11477.000	34.35	17.32	51.67	74.00	-22.33	peak
4	13495.500	31.86	19.46	51.32	74.00	-22.68	peak
5	16740.500	32.13	18.86	50.99	74.00	-23.01	peak
6	17967.000	27.10	24.61	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.

8.3.3. 802.11n HT40 MIMO MODE

UNII-1 BAND

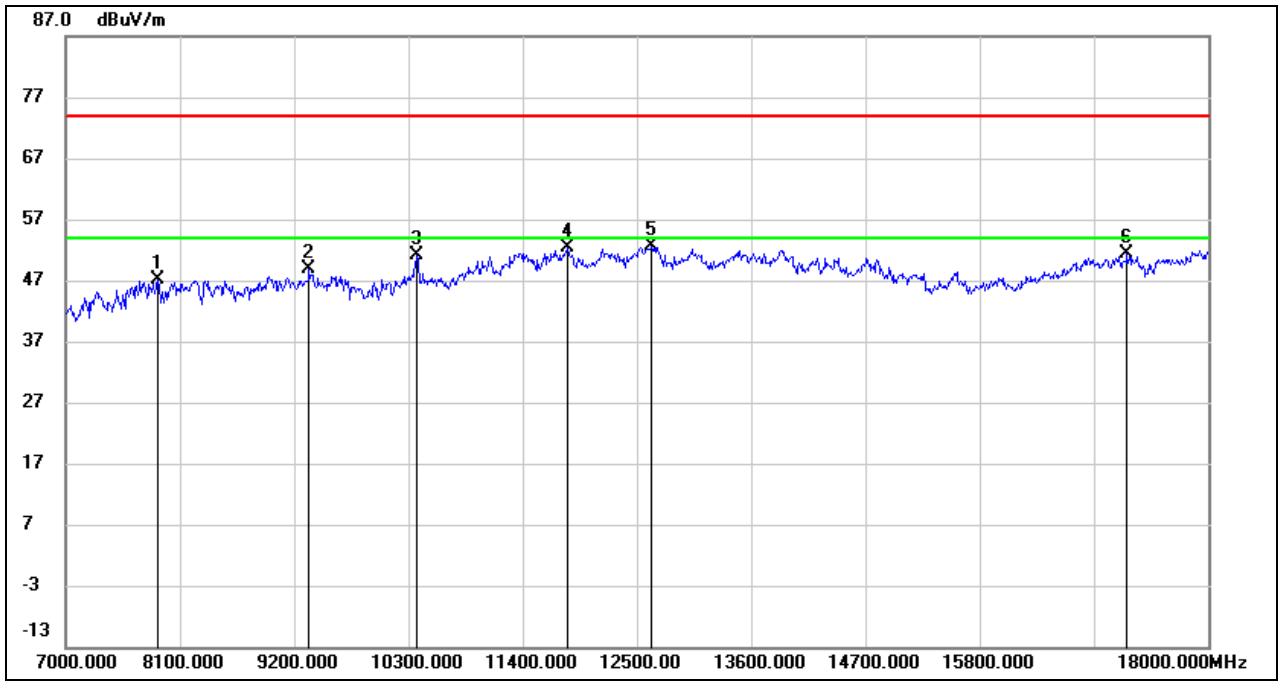
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10377.000	39.88	13.05	52.93	74.00	-21.07	peak
2	11840.000	34.43	18.39	52.82	74.00	-21.18	peak
3	12610.000	34.93	18.16	53.09	74.00	-20.91	peak
4	13578.000	31.94	19.39	51.33	74.00	-22.67	peak
5	17219.000	31.21	21.14	52.35	74.00	-21.65	peak
6	17659.000	29.11	22.71	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.

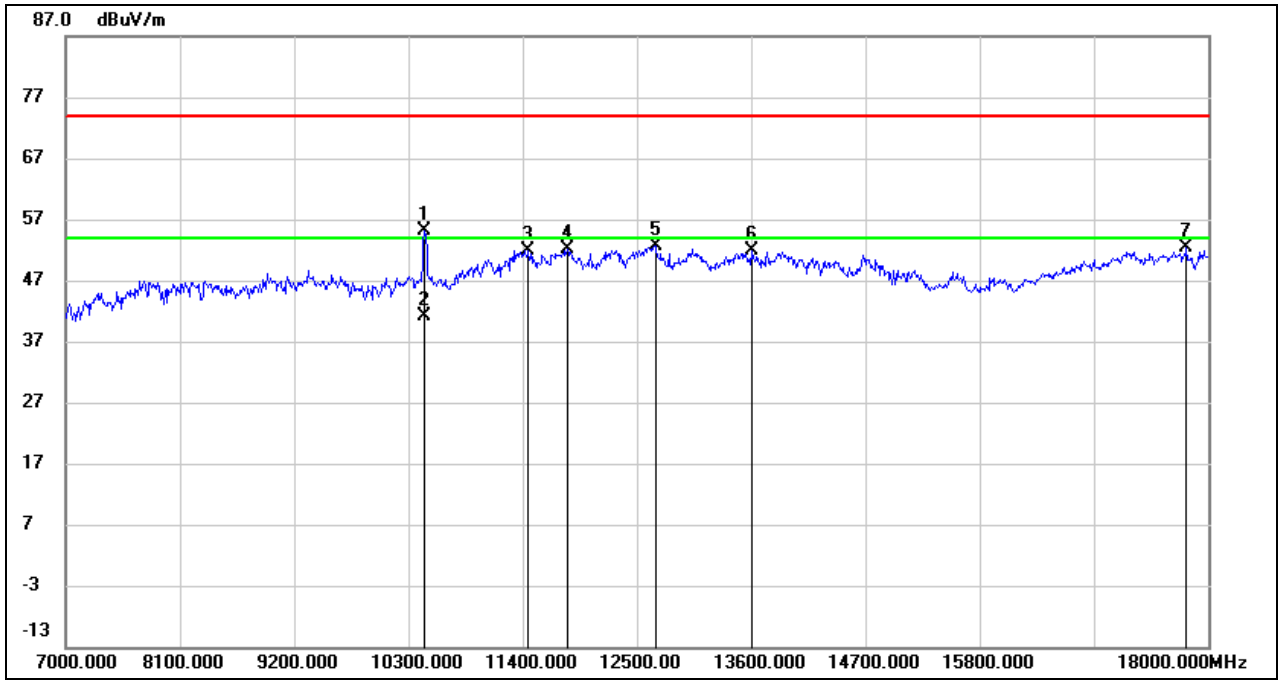
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.54	8.64	47.18	74.00	-26.82	peak
2	9343.000	37.88	10.97	48.85	74.00	-25.15	peak
3	10377.000	38.18	13.05	51.23	74.00	-22.77	peak
4	11829.000	34.05	18.40	52.45	74.00	-21.55	peak
5	12643.000	34.38	18.18	52.56	74.00	-21.44	peak
6	17219.000	30.20	21.14	51.34	74.00	-22.66	peak

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

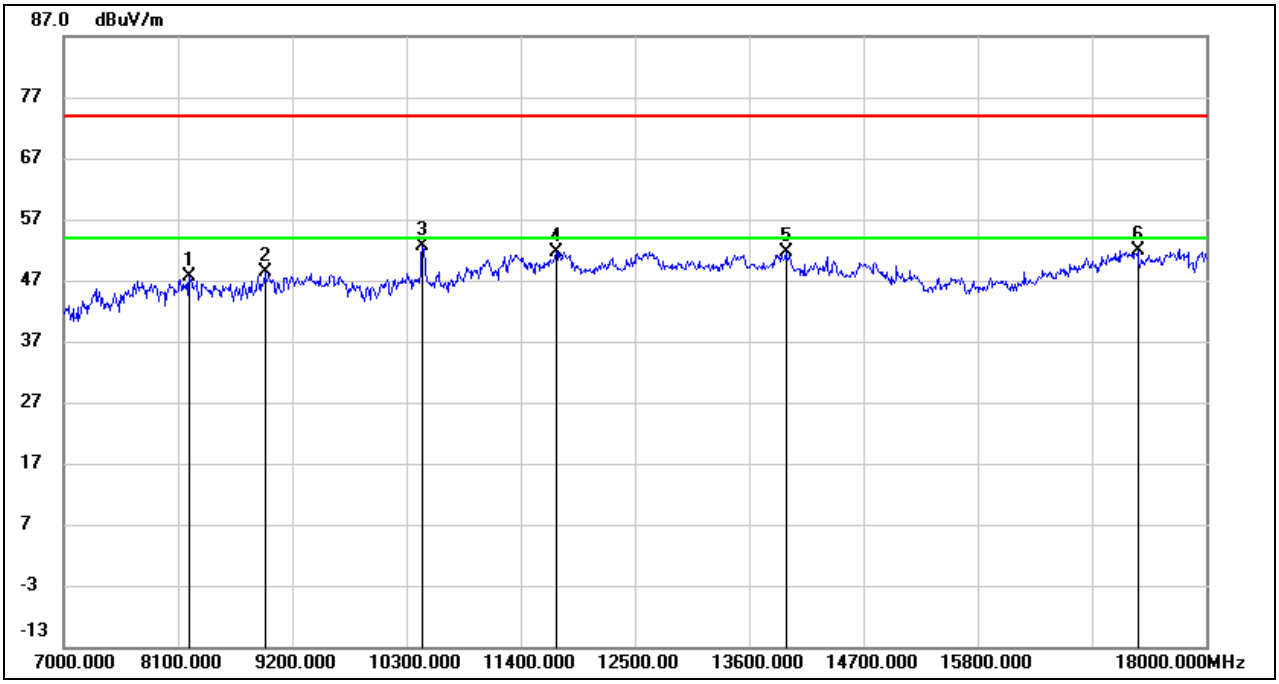
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10454.000	41.66	13.39	55.05	74.00	-18.95	peak
2	10454.000	27.86	13.39	41.25	54.00	-12.75	AVG
3	11455.000	34.63	17.24	51.87	74.00	-22.13	peak
4	11829.000	33.81	18.40	52.21	74.00	-21.79	peak
5	12676.000	34.53	18.18	52.71	74.00	-21.29	peak
6	13600.000	32.58	19.37	51.95	74.00	-22.05	peak
7	17791.000	28.28	24.00	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 (HIGH CHANNEL, VERTICAL)

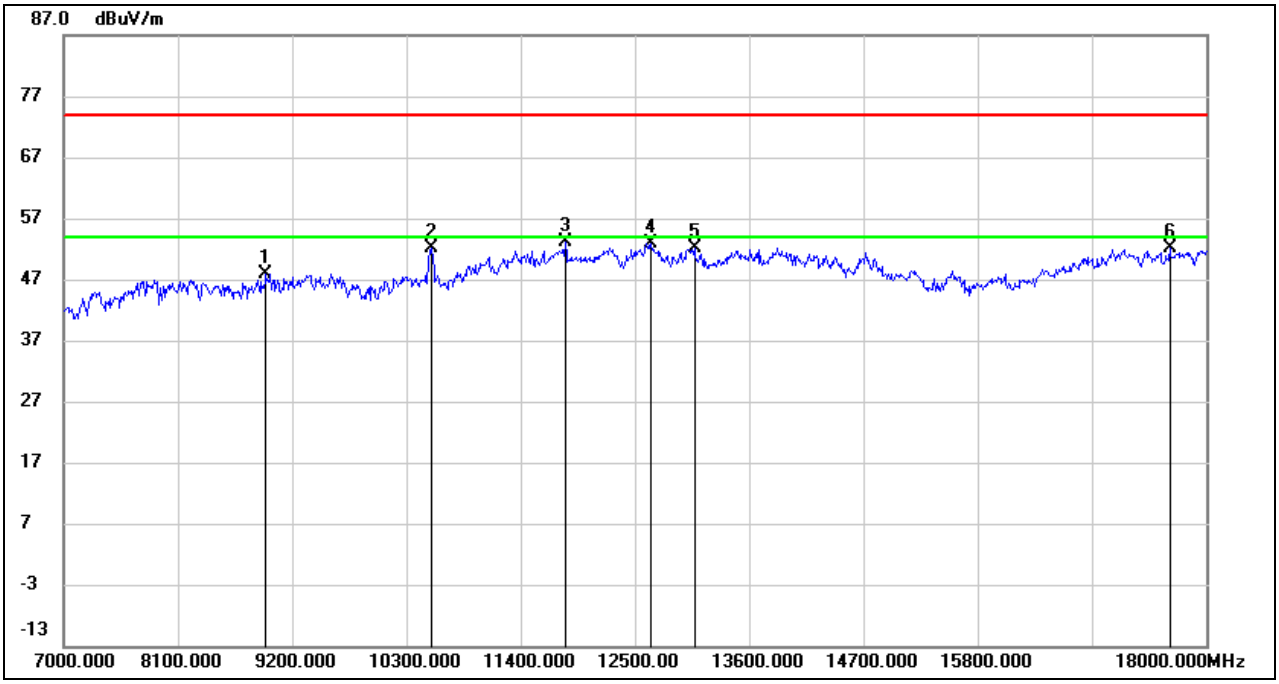


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8210.000	37.84	9.86	47.70	74.00	-26.30	peak
2	8936.000	37.82	10.57	48.39	74.00	-25.61	peak
3	10454.000	39.33	13.39	52.72	74.00	-21.28	peak
4	11741.000	33.49	18.18	51.67	74.00	-22.33	peak
5	13952.000	31.87	19.67	51.54	74.00	-22.46	peak
6	17340.000	30.96	21.01	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.

UNII-2A BAND

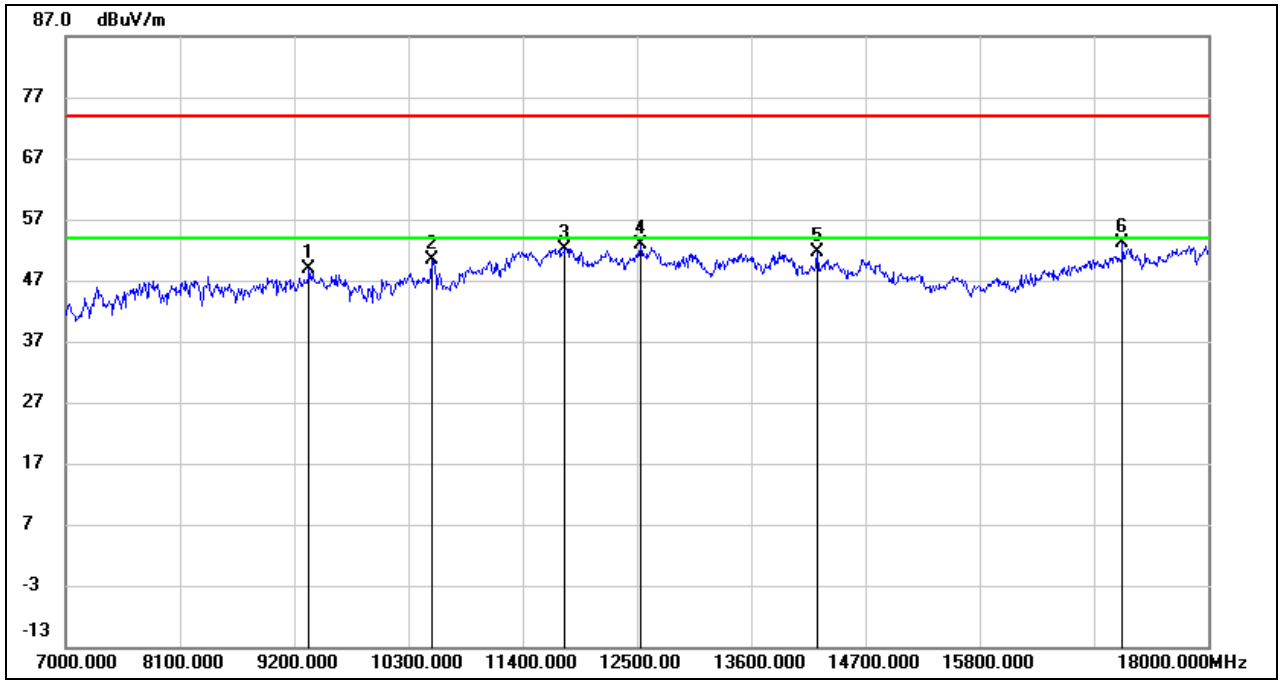
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	37.27	10.69	47.96	74.00	-26.04	peak
2	10542.000	38.24	13.78	52.02	74.00	-21.98	peak
3	11829.000	34.74	18.40	53.14	74.00	-20.86	peak
4	12654.000	34.71	18.17	52.88	74.00	-21.12	peak
5	13072.000	33.81	18.38	52.19	74.00	-21.81	peak
6	17648.000	29.46	22.61	52.07	74.00	-21.93	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.

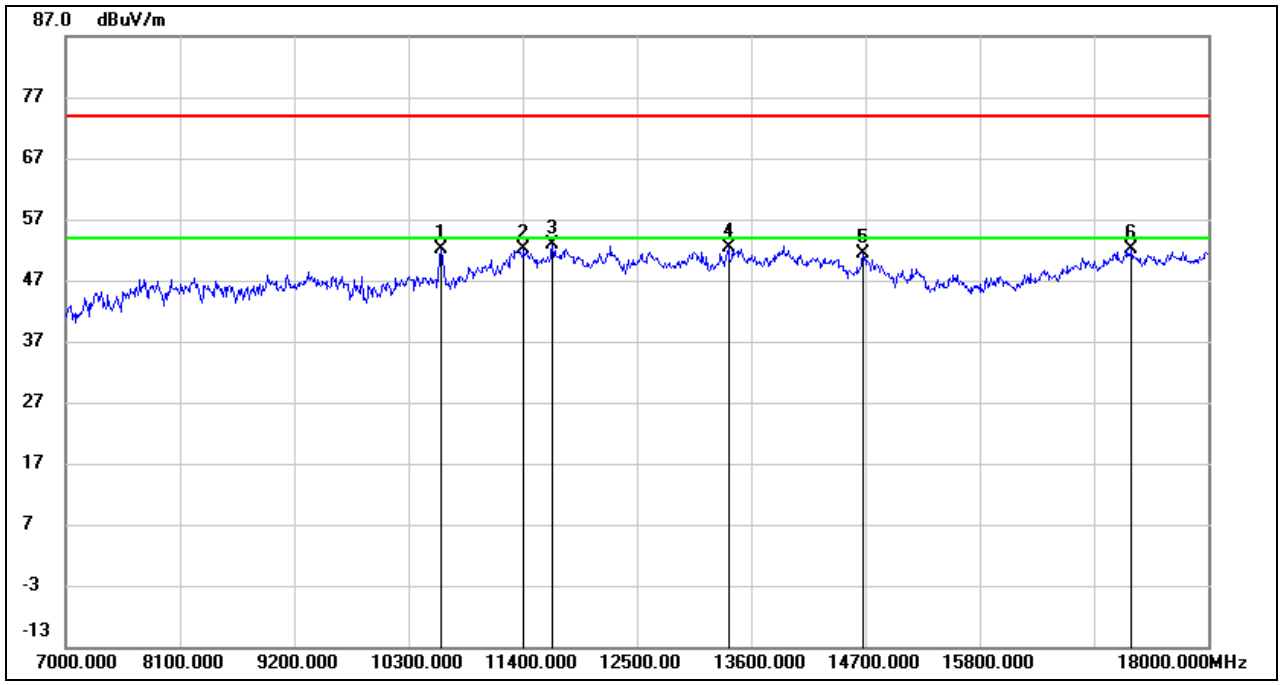
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	37.97	10.97	48.94	74.00	-25.06	peak
2	10531.000	36.68	13.73	50.41	74.00	-23.59	peak
3	11807.000	33.79	18.44	52.23	74.00	-21.77	peak
4	12533.000	34.81	18.07	52.88	74.00	-21.12	peak
5	14238.000	32.72	18.94	51.66	74.00	-22.34	peak
6	17175.000	32.24	20.98	53.22	74.00	-20.78	peak

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

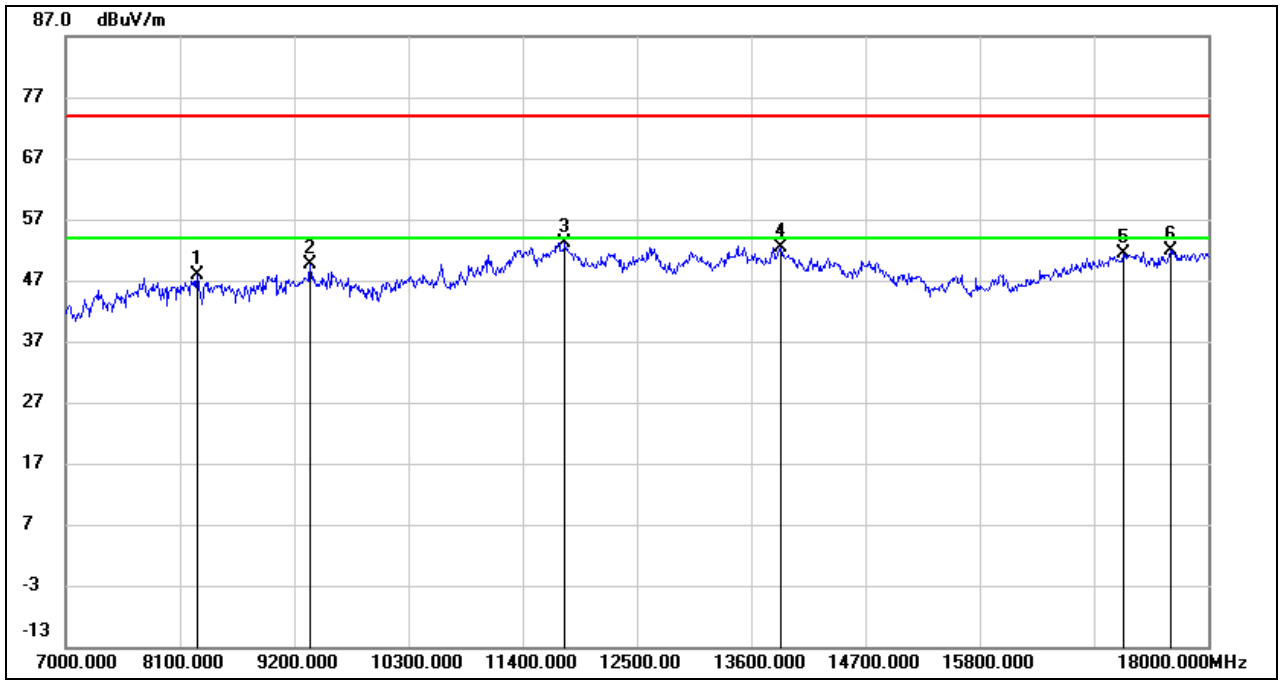
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10608.000	38.01	14.06	52.07	74.00	-21.93	peak
2	11411.000	35.16	17.08	52.24	74.00	-21.76	peak
3	11686.000	34.85	17.95	52.80	74.00	-21.20	peak
4	13380.000	33.15	19.23	52.38	74.00	-21.62	peak
5	14678.000	33.81	17.51	51.32	74.00	-22.68	peak
6	17263.000	31.03	21.11	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.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

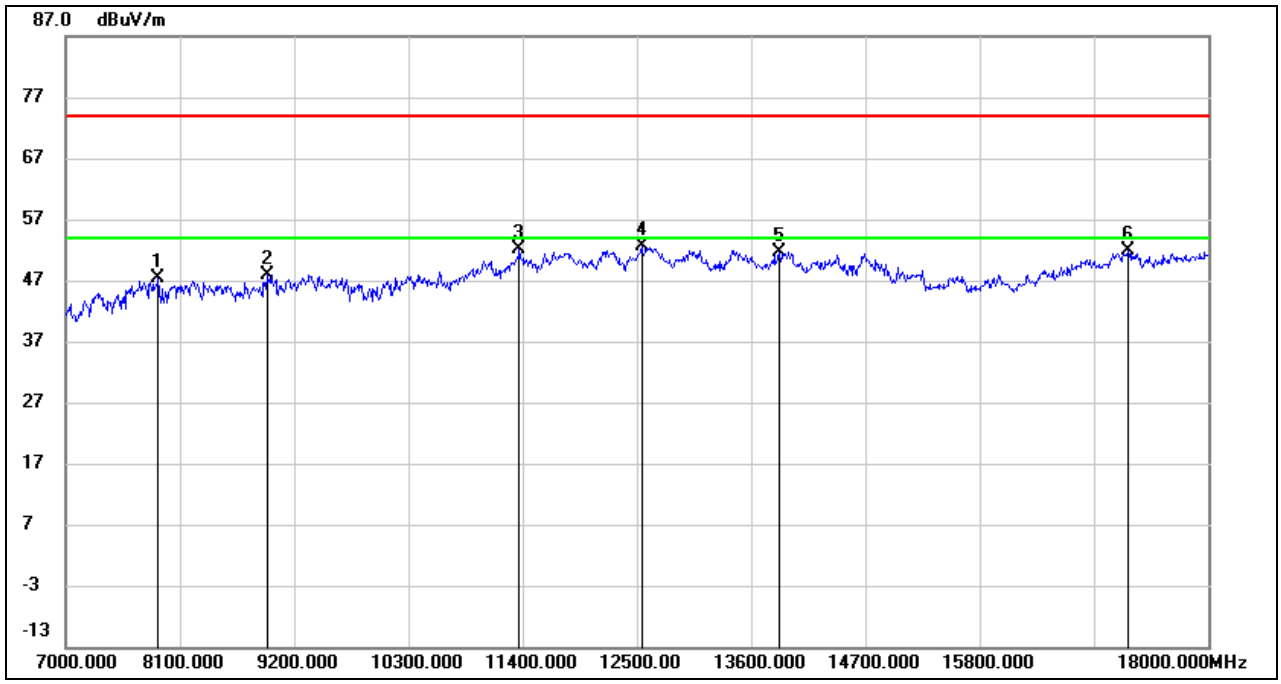


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	38.13	9.64	47.77	74.00	-26.23	peak
2	9354.000	38.49	11.02	49.51	74.00	-24.49	peak
3	11807.000	34.60	18.44	53.04	74.00	-20.96	peak
4	13886.000	32.68	19.79	52.47	74.00	-21.53	peak
5	17186.000	30.43	21.06	51.49	74.00	-22.51	peak
6	17637.000	29.49	22.50	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. 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

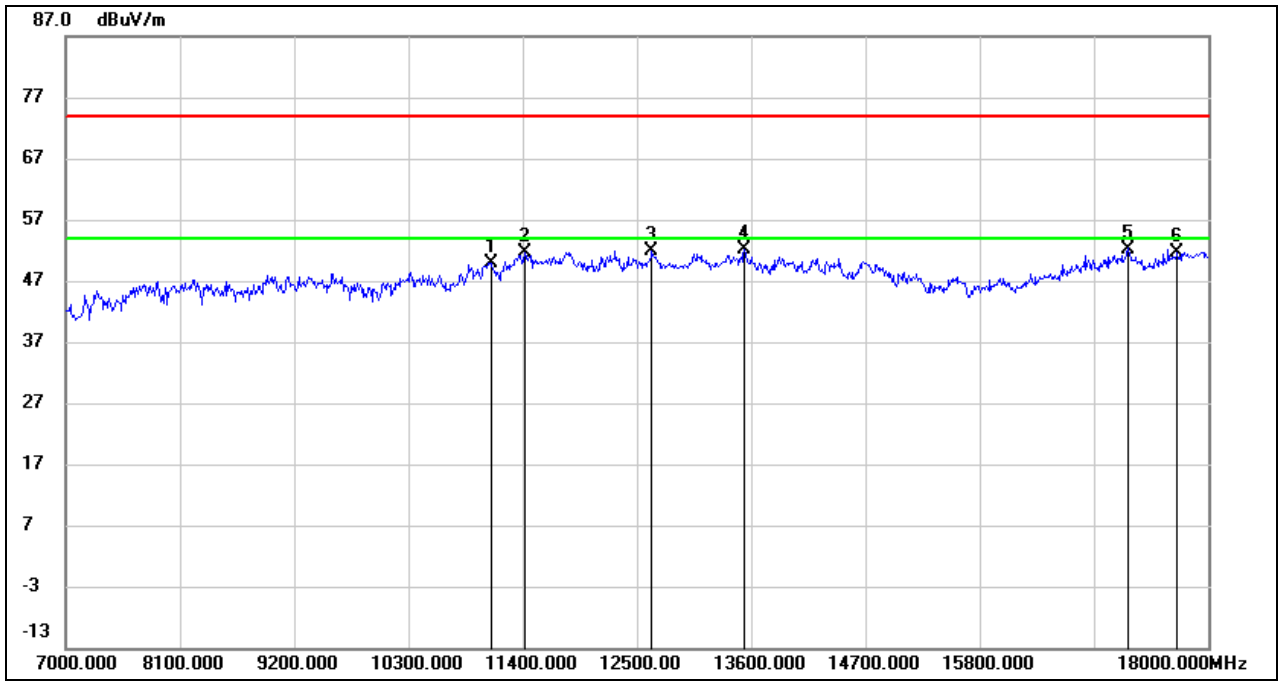
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	38.85	8.61	47.46	74.00	-26.54	peak
2	8947.000	37.22	10.69	47.91	74.00	-26.09	peak
3	11367.000	35.12	16.89	52.01	74.00	-21.99	peak
4	12544.000	34.48	18.08	52.56	74.00	-21.44	peak
5	13875.000	31.85	19.81	51.66	74.00	-22.34	peak
6	17230.000	30.77	21.13	51.90	74.00	-22.10	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.

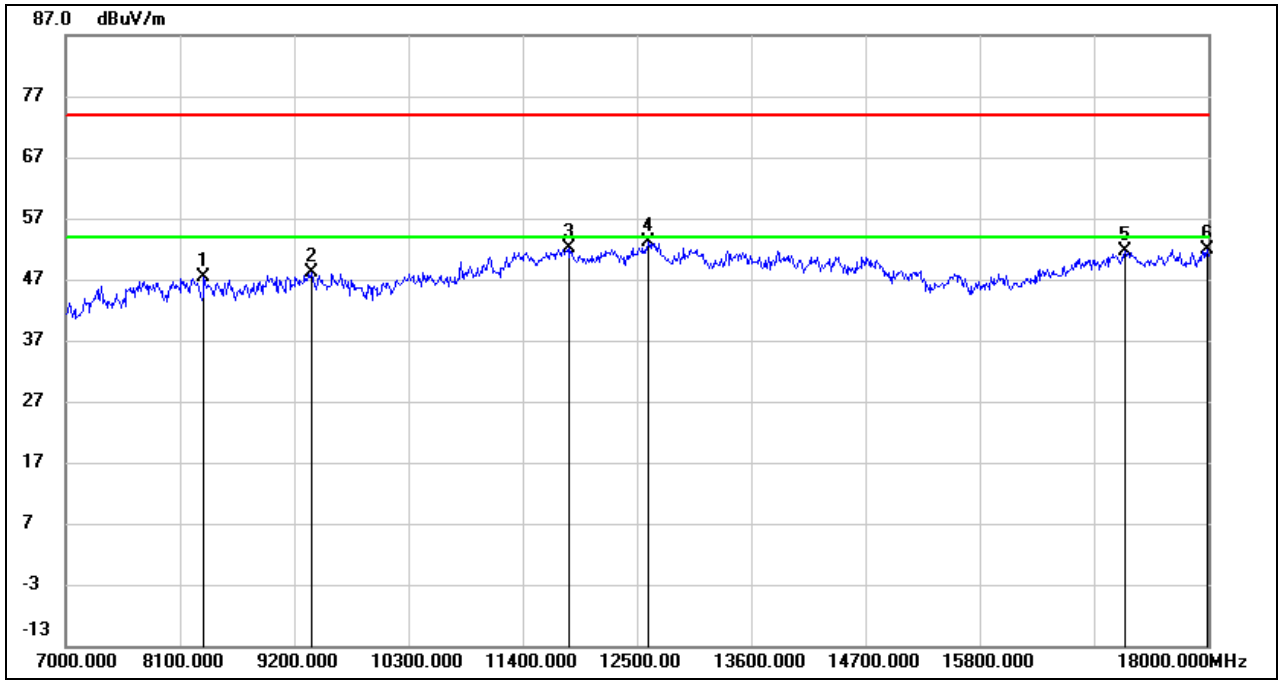
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11092.000	34.28	15.71	49.99	74.00	-24.01	peak
2	11422.000	34.47	17.13	51.60	74.00	-22.40	peak
3	12643.000	33.70	18.18	51.88	74.00	-22.12	peak
4	13534.000	32.60	19.44	52.04	74.00	-21.96	peak
5	17230.000	31.12	21.13	52.25	74.00	-21.75	peak
6	17703.000	28.54	23.14	51.68	74.00	-22.32	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.

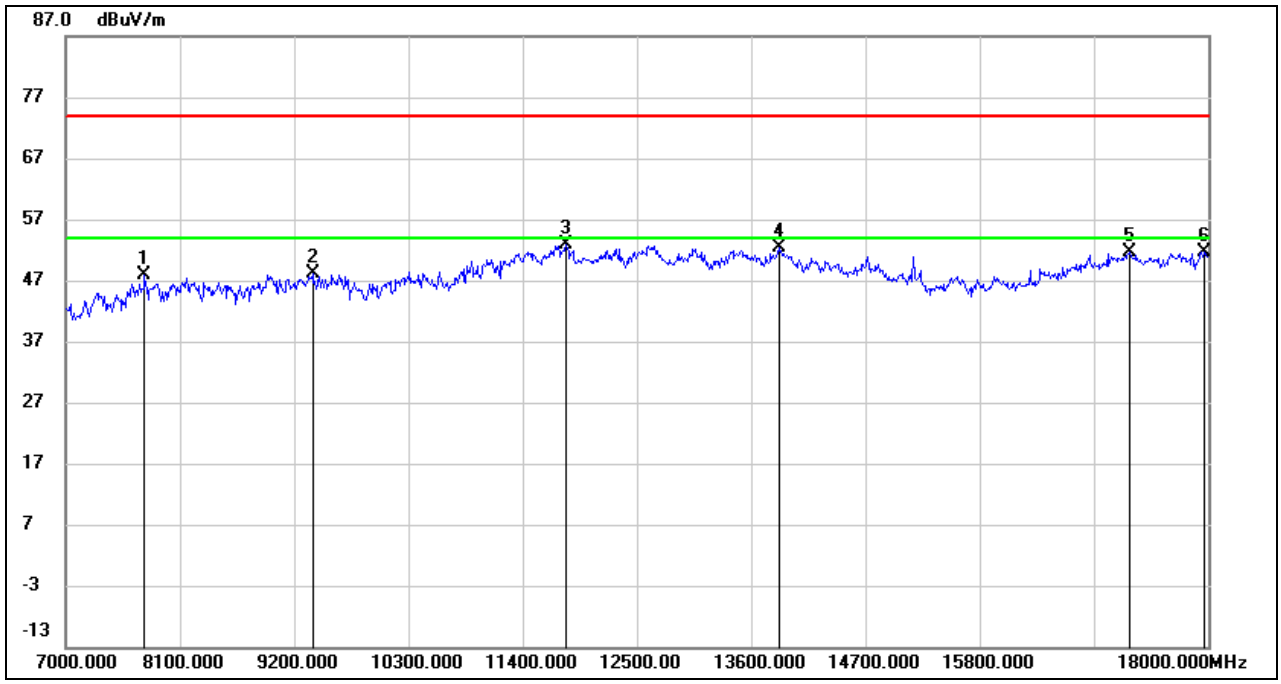
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	37.95	9.39	47.34	74.00	-26.66	peak
2	9365.000	36.98	11.08	48.06	74.00	-25.94	peak
3	11840.000	33.68	18.39	52.07	74.00	-21.93	peak
4	12610.000	34.87	18.16	53.03	74.00	-20.97	peak
5	17197.000	30.41	21.15	51.56	74.00	-22.44	peak
6	17989.000	27.24	24.68	51.92	74.00	-22.08	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. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

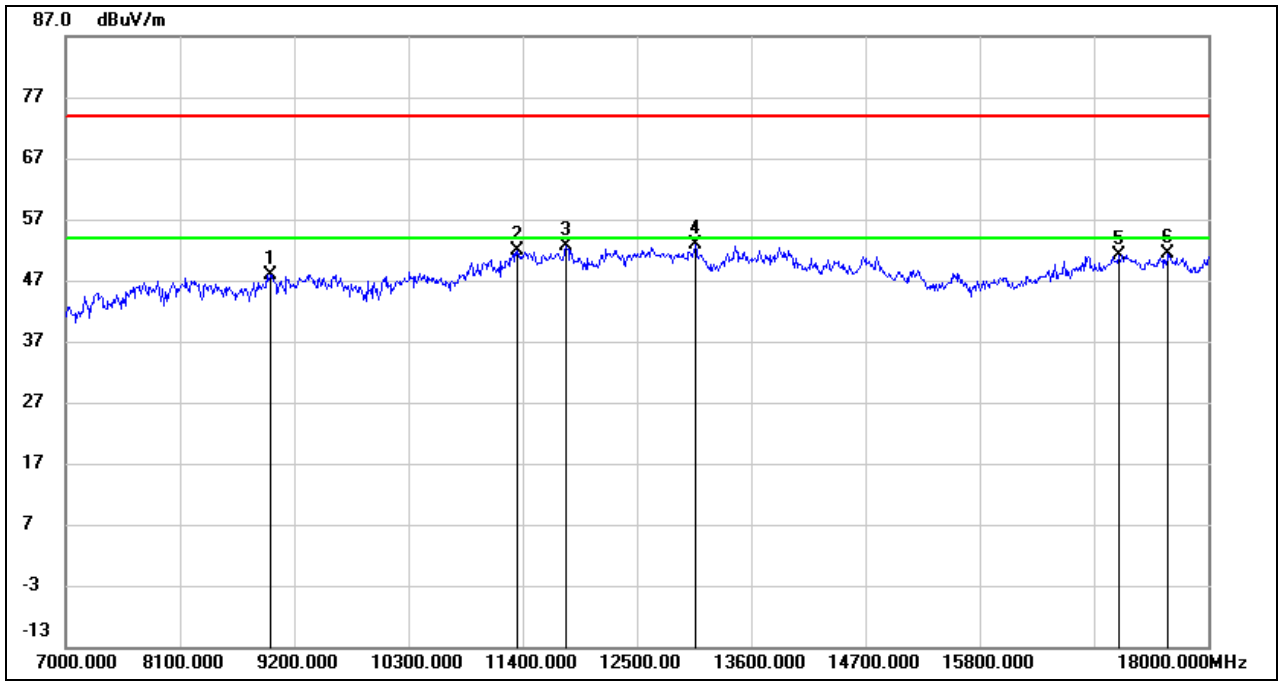
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	39.21	8.69	47.90	74.00	-26.10	peak
2	9376.000	36.89	11.14	48.03	74.00	-25.97	peak
3	11818.000	34.37	18.41	52.78	74.00	-21.22	peak
4	13864.000	32.48	19.81	52.29	74.00	-21.71	peak
5	17241.000	30.39	21.12	51.51	74.00	-22.49	peak
6	17967.000	27.10	24.61	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.

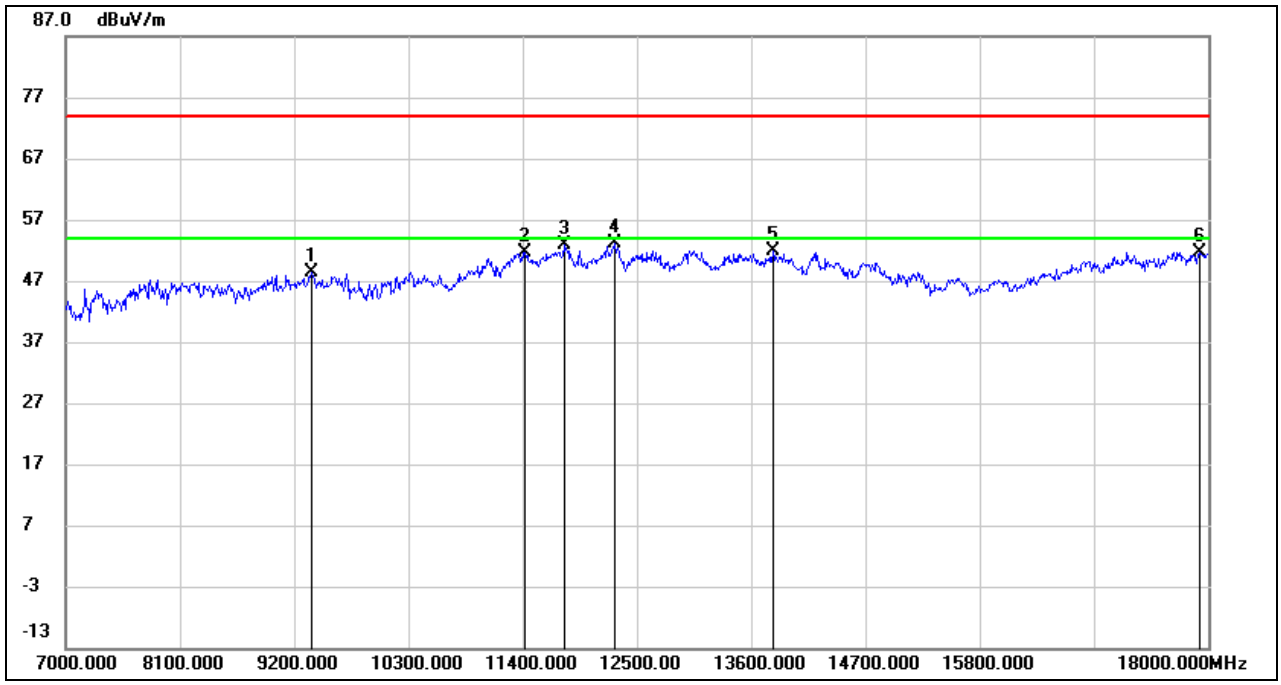
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8969.000	37.05	10.90	47.95	74.00	-26.05	peak
2	11345.000	35.01	16.81	51.82	74.00	-22.18	peak
3	11818.000	34.12	18.41	52.53	74.00	-21.47	peak
4	13061.000	34.55	18.38	52.93	74.00	-21.07	peak
5	17142.000	30.47	20.74	51.21	74.00	-22.79	peak
6	17615.000	29.09	22.29	51.38	74.00	-22.62	peak

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

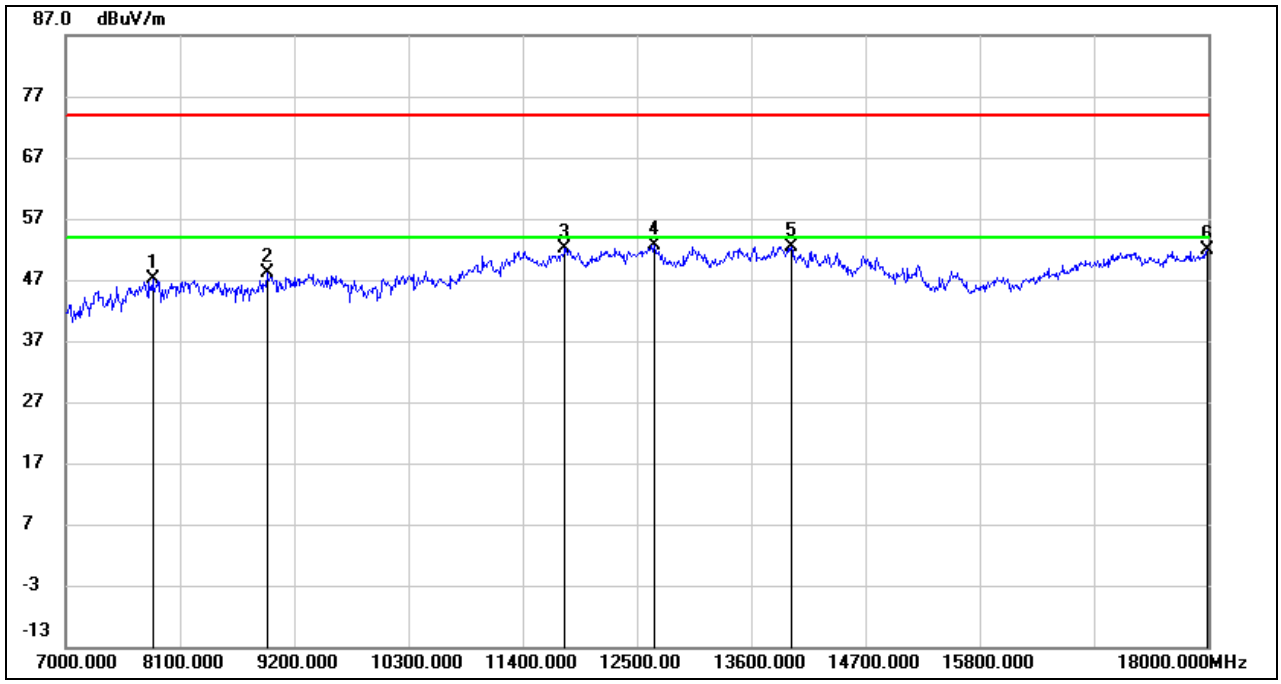


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	37.35	11.08	48.43	74.00	-25.57	peak
2	11422.000	34.59	17.13	51.72	74.00	-22.28	peak
3	11796.000	34.36	18.43	52.79	74.00	-21.21	peak
4	12291.000	35.03	17.98	53.01	74.00	-20.99	peak
5	13809.000	31.85	19.93	51.78	74.00	-22.22	peak
6	17923.000	27.25	24.48	51.73	74.00	-22.27	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

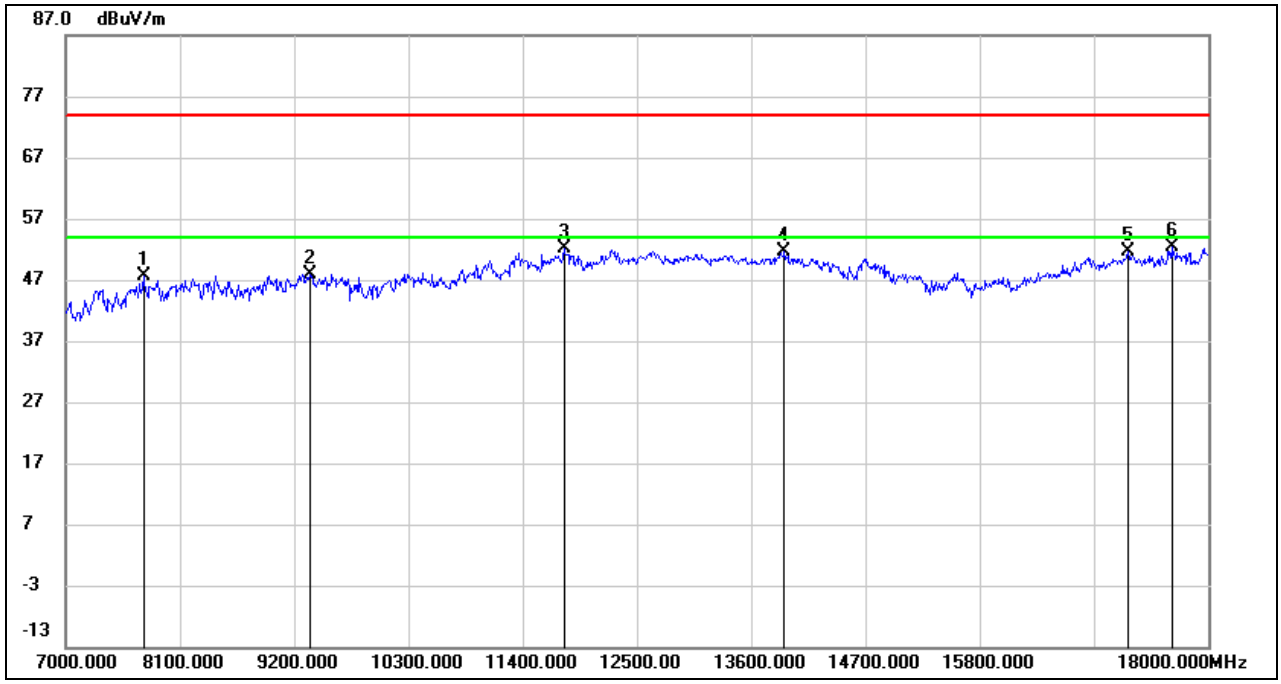
HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.000	38.33	8.75	47.08	74.00	-26.92	peak
2	8936.000	37.66	10.57	48.23	74.00	-25.77	peak
3	11807.000	33.66	18.44	52.10	74.00	-21.90	peak
4	12665.000	34.48	18.19	52.67	74.00	-21.33	peak
5	13985.000	32.86	19.61	52.47	74.00	-21.53	peak
6	17989.000	27.20	24.68	51.88	74.00	-22.12	peak

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

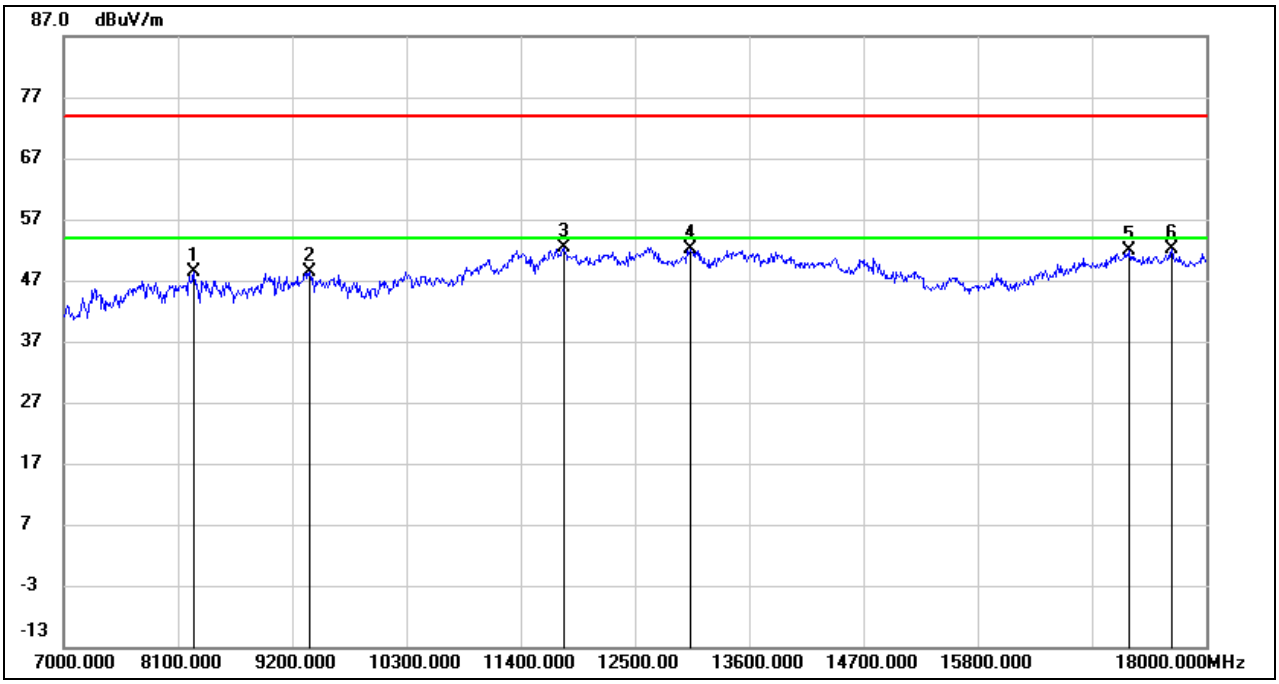


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	39.01	8.64	47.65	74.00	-26.35	peak
2	9354.000	36.97	11.02	47.99	74.00	-26.01	peak
3	11796.000	33.73	18.43	52.16	74.00	-21.84	peak
4	13919.000	31.94	19.72	51.66	74.00	-22.34	peak
5	17230.000	30.50	21.13	51.63	74.00	-22.37	peak
6	17648.000	29.82	22.61	52.43	74.00	-21.57	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

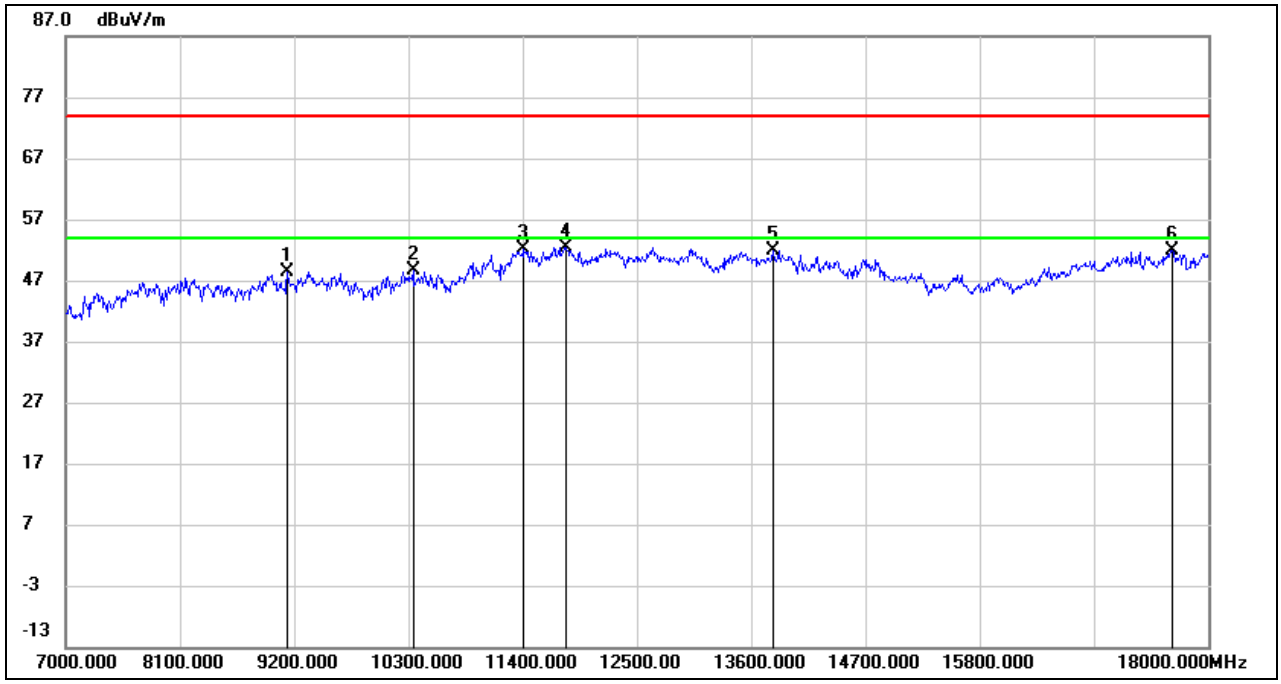
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8254.000	38.63	9.69	48.32	74.00	-25.68	peak
2	9365.000	37.40	11.08	48.48	74.00	-25.52	peak
3	11818.000	34.08	18.41	52.49	74.00	-21.51	peak
4	13028.000	33.86	18.38	52.24	74.00	-21.76	peak
5	17263.000	30.73	21.11	51.84	74.00	-22.16	peak
6	17670.000	29.20	22.82	52.02	74.00	-21.98	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.

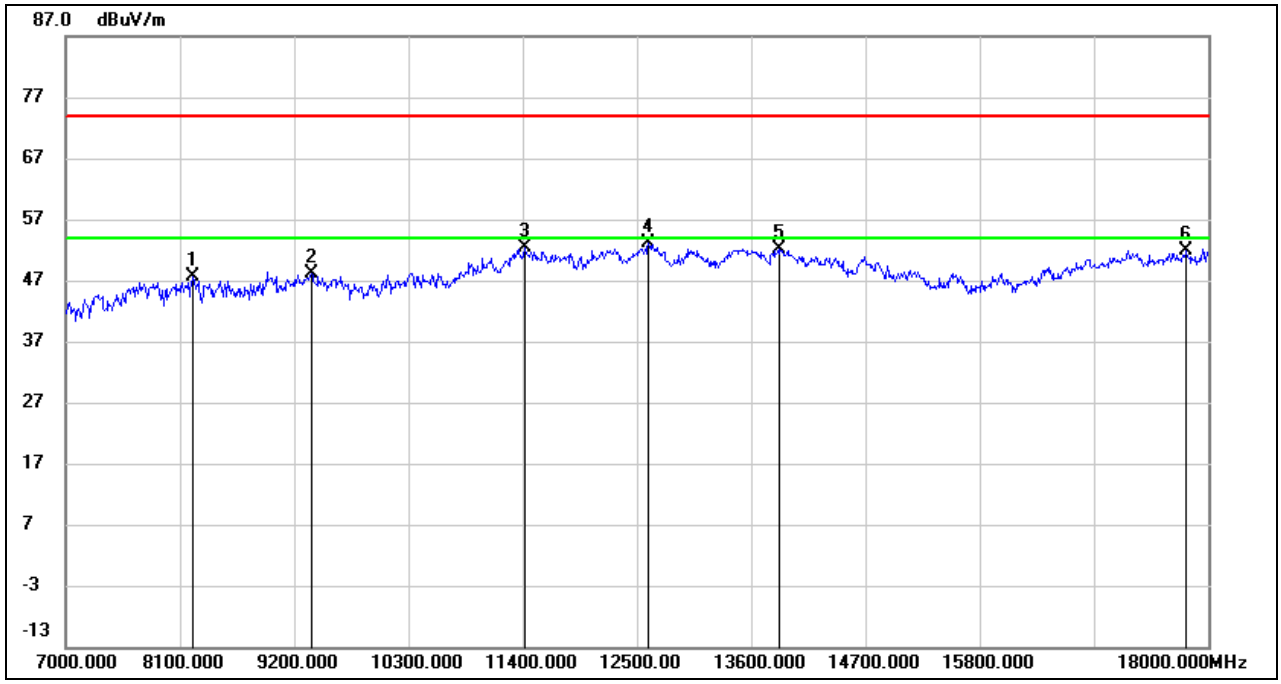
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.73	10.55	48.28	74.00	-25.72	peak
2	10344.000	35.62	12.91	48.53	74.00	-25.47	peak
3	11411.000	35.11	17.08	52.19	74.00	-21.81	peak
4	11818.000	34.06	18.41	52.47	74.00	-21.53	peak
5	13809.000	32.06	19.93	51.99	74.00	-22.01	peak
6	17648.000	29.36	22.61	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.

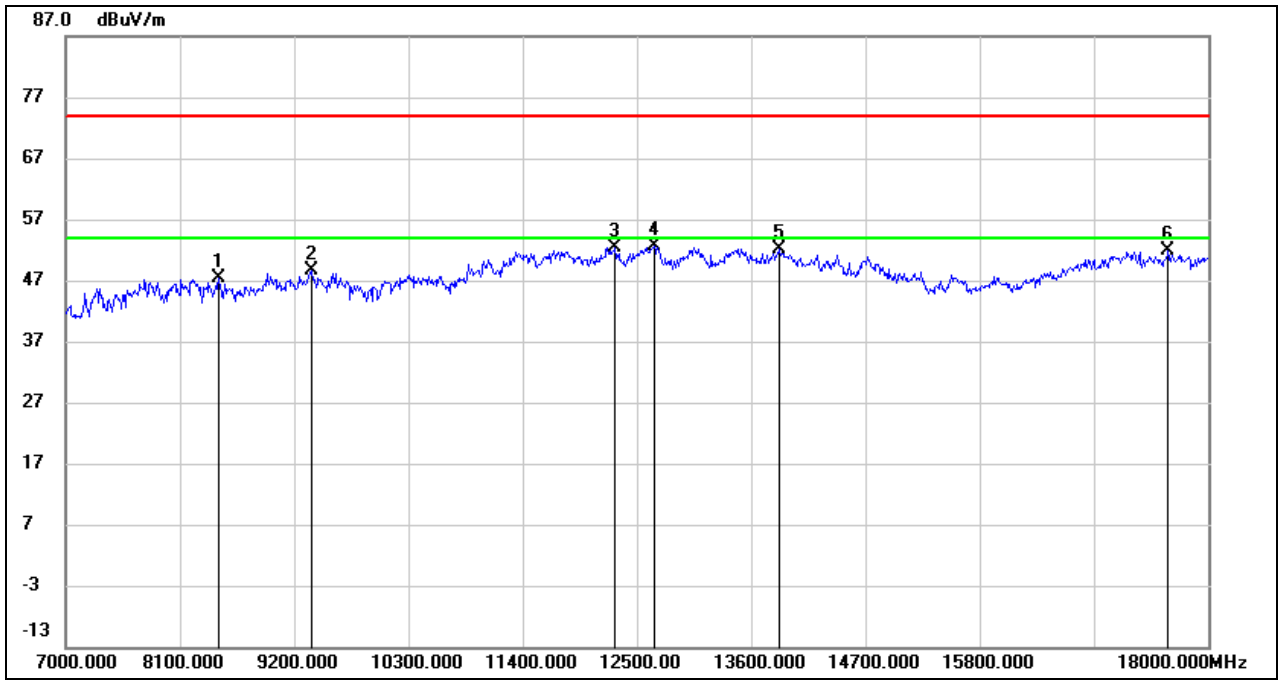
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	37.83	9.81	47.64	74.00	-26.36	peak
2	9365.000	37.08	11.08	48.16	74.00	-25.84	peak
3	11422.000	35.20	17.13	52.33	74.00	-21.67	peak
4	12610.000	34.88	18.16	53.04	74.00	-20.96	peak
5	13864.000	32.21	19.81	52.02	74.00	-21.98	peak
6	17791.000	27.85	24.00	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. 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)



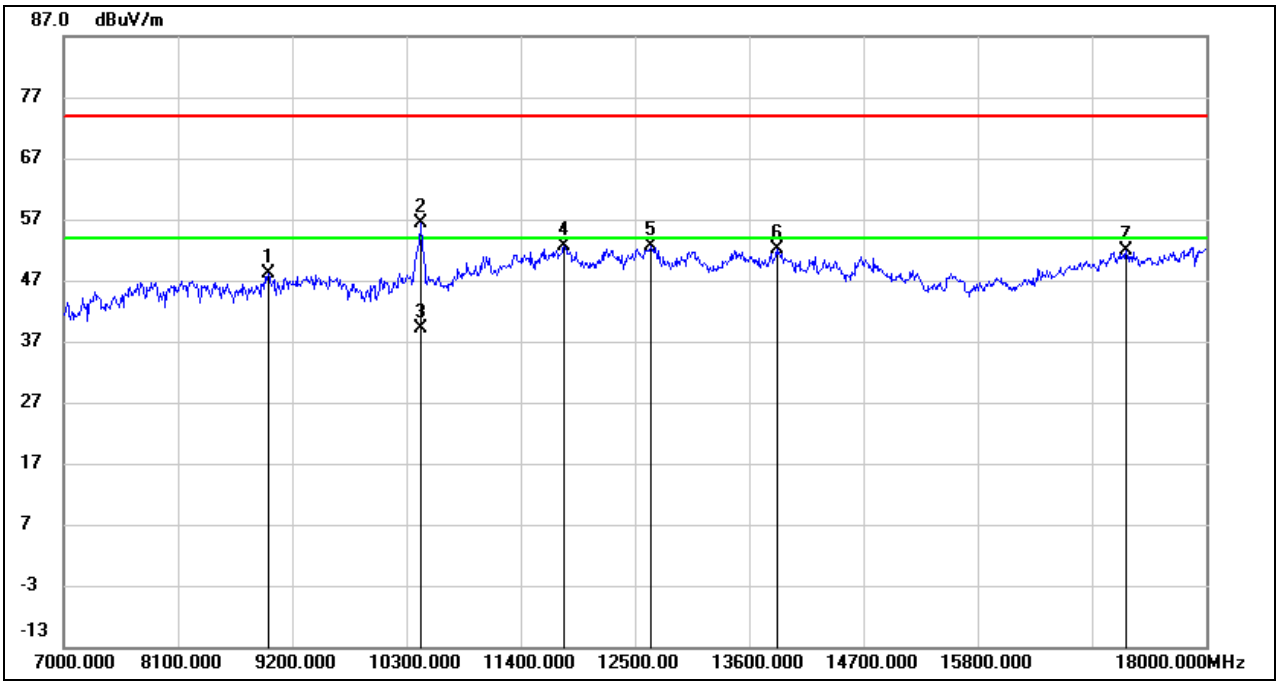
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8474.000	38.23	9.04	47.27	74.00	-26.73	peak
2	9365.000	37.60	11.08	48.68	74.00	-25.32	peak
3	12291.000	34.49	17.98	52.47	74.00	-21.53	peak
4	12665.000	34.34	18.19	52.53	74.00	-21.47	peak
5	13864.000	32.31	19.81	52.12	74.00	-21.88	peak
6	17615.000	29.54	22.29	51.83	74.00	-22.17	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.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.4. 802.11ac VHT80 MIMO MODE

UNII-1 BAND

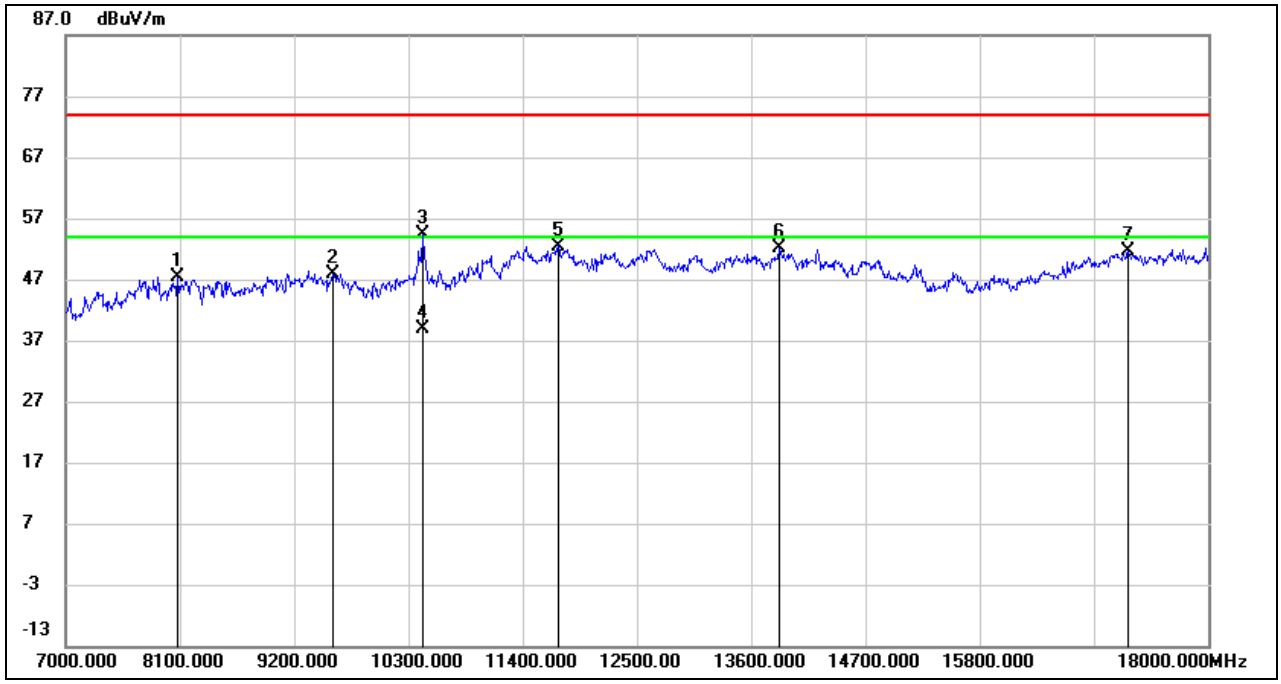
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8969.000	37.19	10.90	48.09	74.00	-25.91	peak
2	10443.000	43.01	13.34	56.35	74.00	-17.65	peak
3	10443.000	25.82	13.34	39.16	54.00	-14.84	AVG
4	11818.000	34.24	18.41	52.65	74.00	-21.35	peak
5	12654.000	34.34	18.17	52.51	74.00	-21.49	peak
6	13864.000	32.31	19.81	52.12	74.00	-21.88	peak
7	17230.000	30.63	21.13	51.76	74.00	-22.24	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)

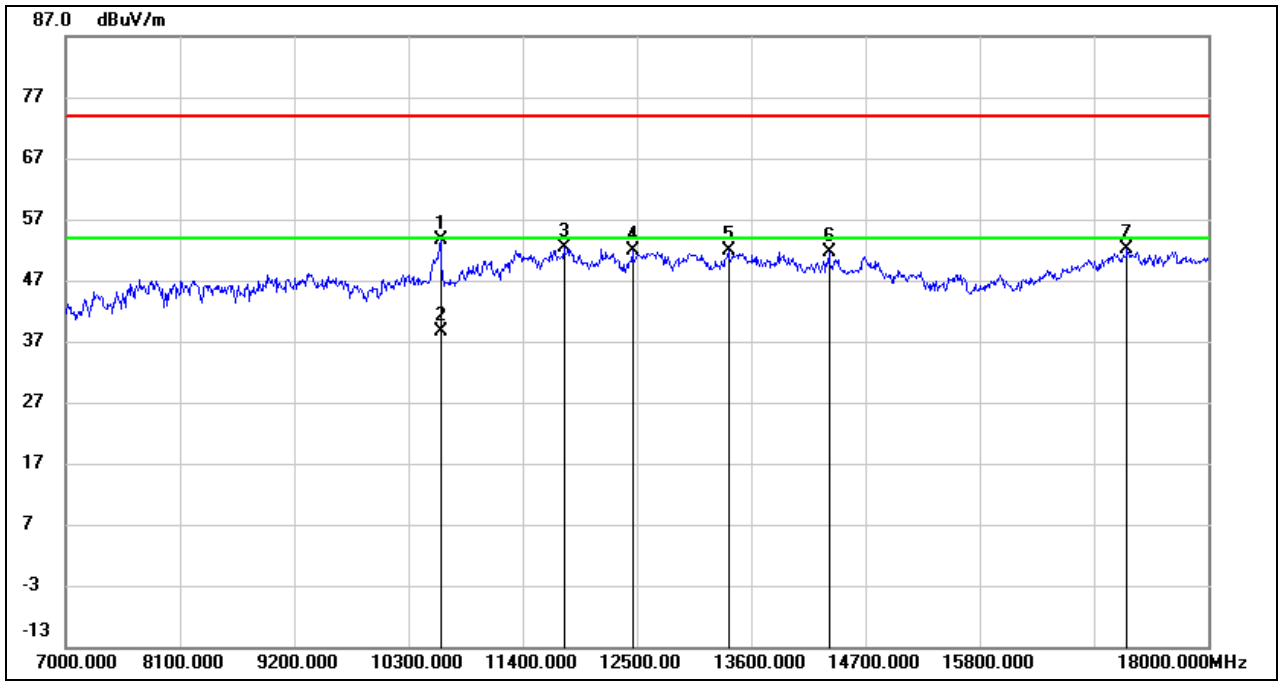


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	38.49	8.96	47.45	74.00	-26.55	peak
2	9574.000	36.00	11.90	47.90	74.00	-26.10	peak
3	10432.000	40.99	13.28	54.27	74.00	-19.73	peak
4	10432.000	25.48	13.28	38.76	54.00	-15.24	AVG
5	11741.000	34.32	18.18	52.50	74.00	-21.50	peak
6	13875.000	32.23	19.81	52.04	74.00	-21.96	peak
7	17230.000	30.43	21.13	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/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	10608.000	39.56	14.06	53.62	74.00	-20.38	peak
2	10608.000	24.59	14.06	38.65	54.00	-15.35	AVG
3	11796.000	33.95	18.43	52.38	74.00	-21.62	peak
4	12456.000	33.74	18.05	51.79	74.00	-22.21	peak
5	13380.000	32.68	19.23	51.91	74.00	-22.09	peak
6	14348.000	33.03	18.66	51.69	74.00	-22.31	peak
7	17219.000	31.02	21.14	52.16	74.00	-21.84	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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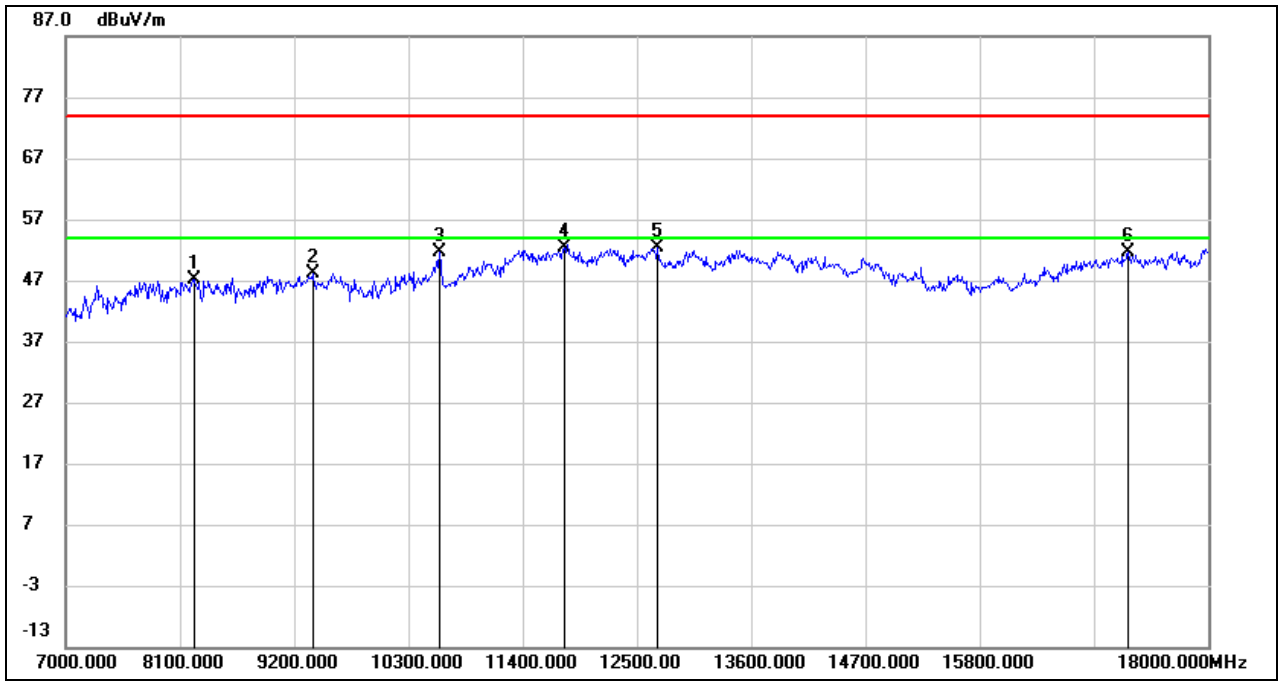
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.46	9.77	47.23	74.00	-26.77	peak
2	9376.000	37.03	11.14	48.17	74.00	-25.83	peak
3	10597.000	37.53	14.03	51.56	74.00	-22.44	peak
4	11807.000	34.02	18.44	52.46	74.00	-21.54	peak
5	12698.000	34.15	18.19	52.34	74.00	-21.66	peak
6	17230.000	30.48	21.13	51.61	74.00	-22.39	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.

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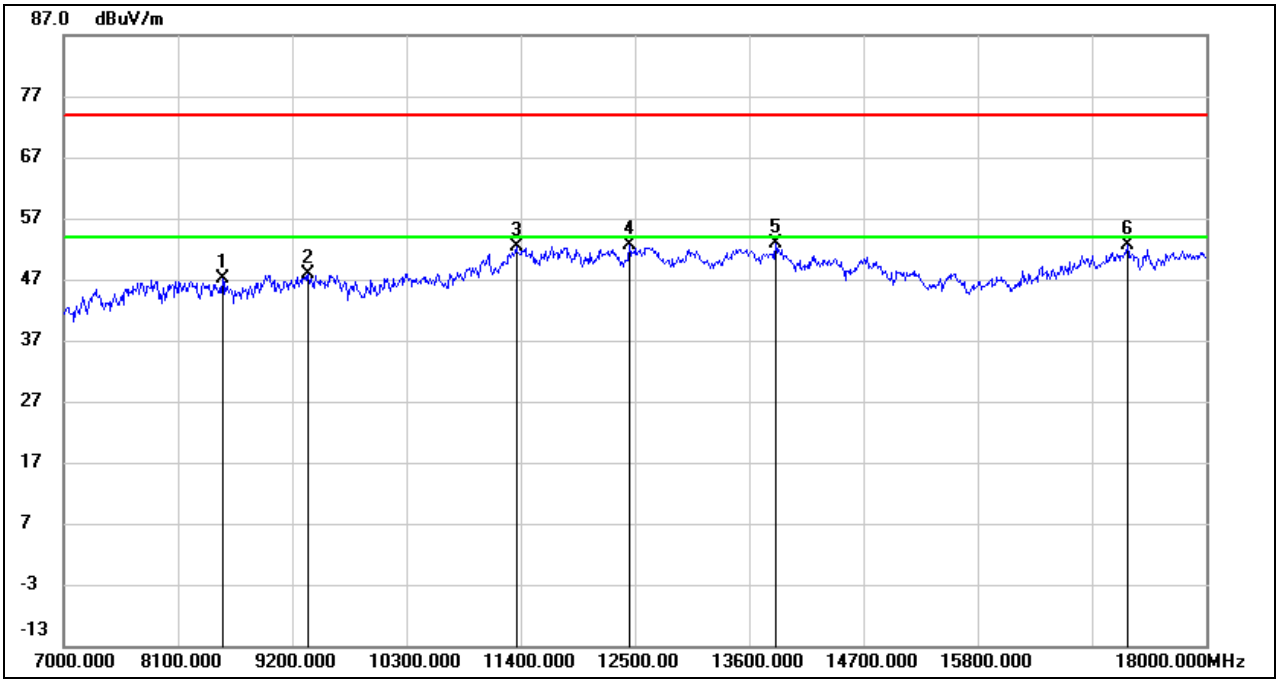
UNII-2C BAND

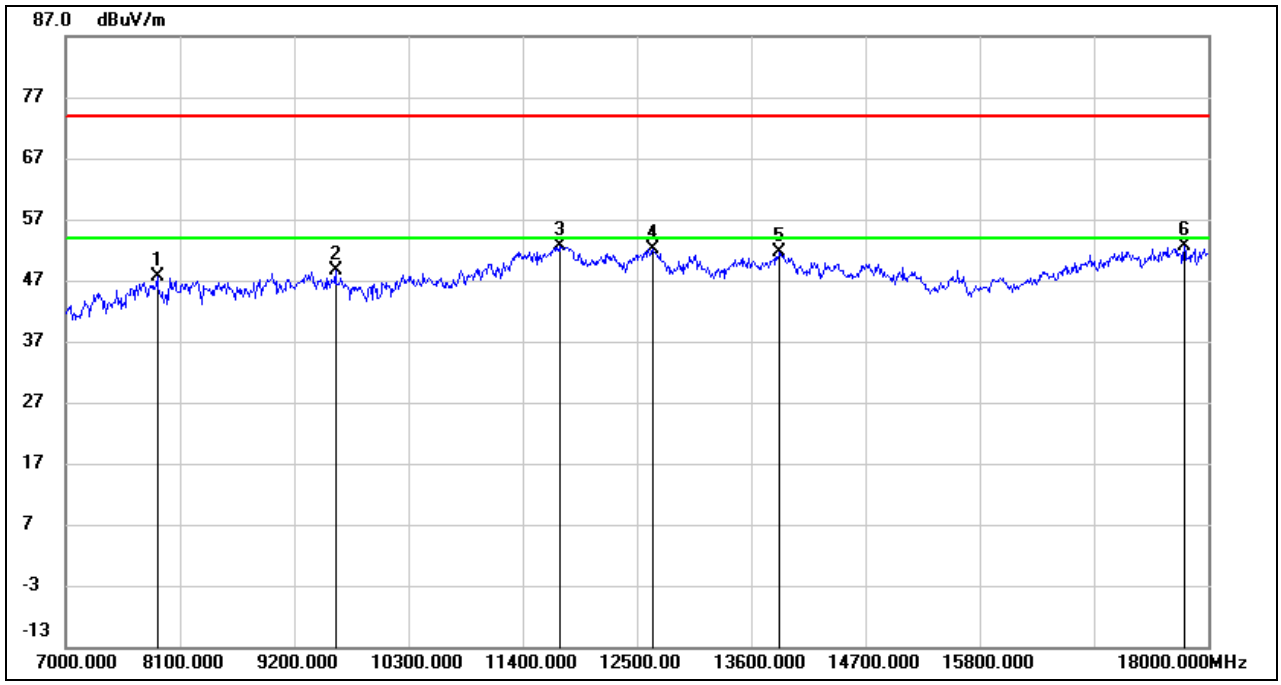
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8529.000	38.21	9.01	47.22	74.00	-26.78	peak
2	9354.000	36.96	11.02	47.98	74.00	-26.02	peak
3	11356.000	35.54	16.86	52.40	74.00	-21.60	peak
4	12445.000	34.67	18.04	52.71	74.00	-21.29	peak
5	13853.000	32.93	19.84	52.77	74.00	-21.23	peak
6	17241.000	31.52	21.12	52.64	74.00	-21.36	peak

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

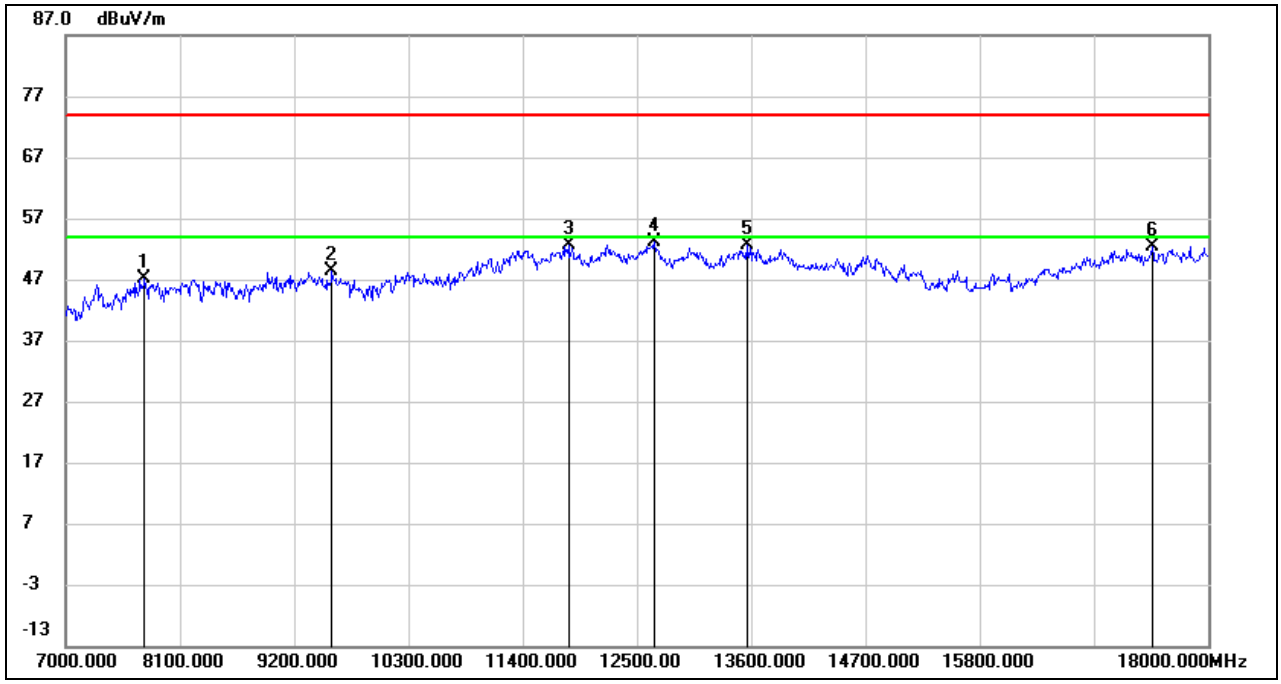
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.93	8.64	47.57	74.00	-26.43	peak
2	9596.000	36.75	11.98	48.73	74.00	-25.27	peak
3	11752.000	34.35	18.23	52.58	74.00	-21.42	peak
4	12654.000	34.07	18.17	52.24	74.00	-21.76	peak
5	13875.000	31.87	19.81	51.68	74.00	-22.32	peak
6	17769.000	28.77	23.78	52.55	74.00	-21.45	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	7759.000	38.44	8.69	47.13	74.00	-26.87	peak
2	9563.000	36.64	11.86	48.50	74.00	-25.50	peak
3	11840.000	34.28	18.39	52.67	74.00	-21.33	peak
4	12665.000	34.83	18.19	53.02	74.00	-20.98	peak
5	13556.000	33.33	19.41	52.74	74.00	-21.26	peak
6	17461.000	31.21	21.21	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.

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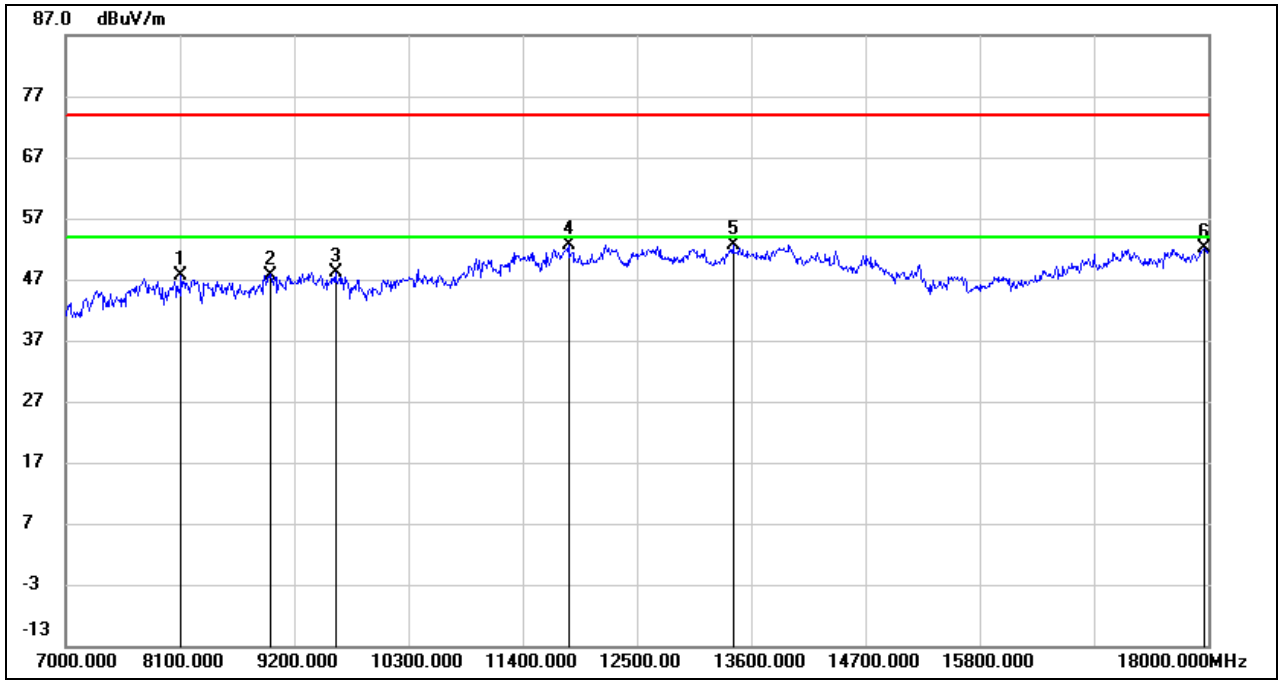
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

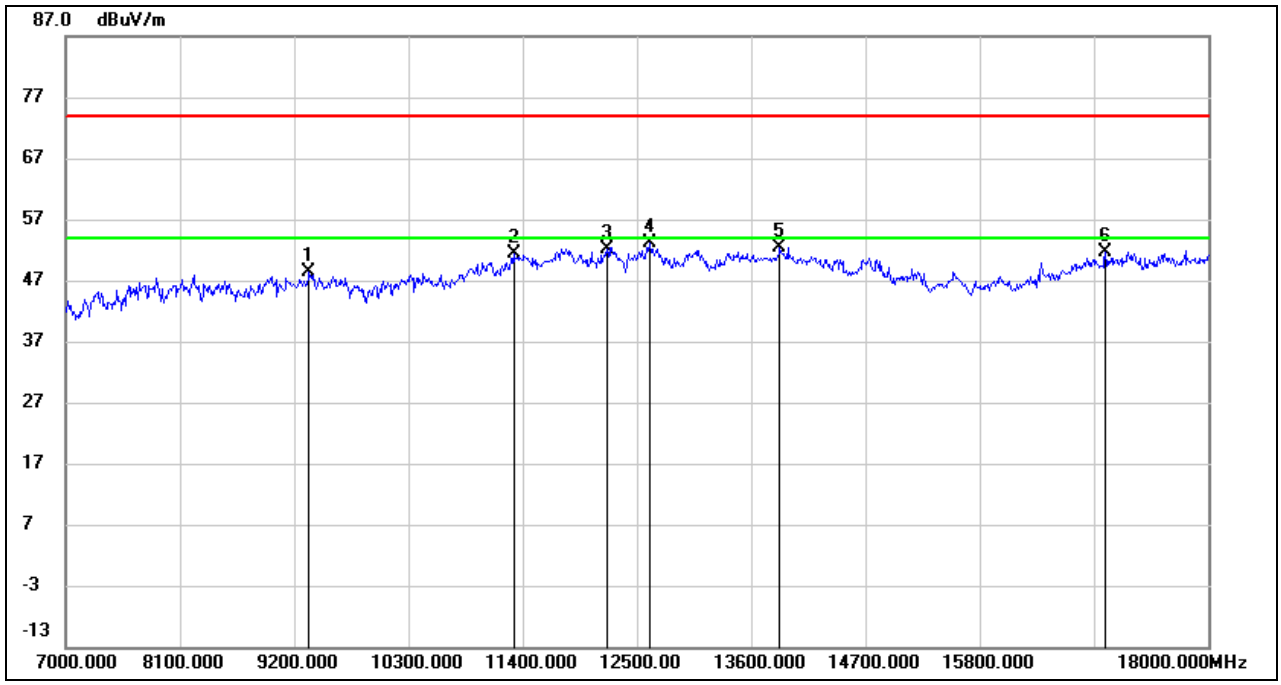


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.30	9.21	47.51	74.00	-26.49	peak
2	8969.000	36.85	10.90	47.75	74.00	-26.25	peak
3	9596.000	36.25	11.98	48.23	74.00	-25.77	peak
4	11840.000	34.13	18.39	52.52	74.00	-21.48	peak
5	13424.000	33.38	19.35	52.73	74.00	-21.27	peak
6	17967.000	27.47	24.61	52.08	74.00	-21.92	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. 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 138

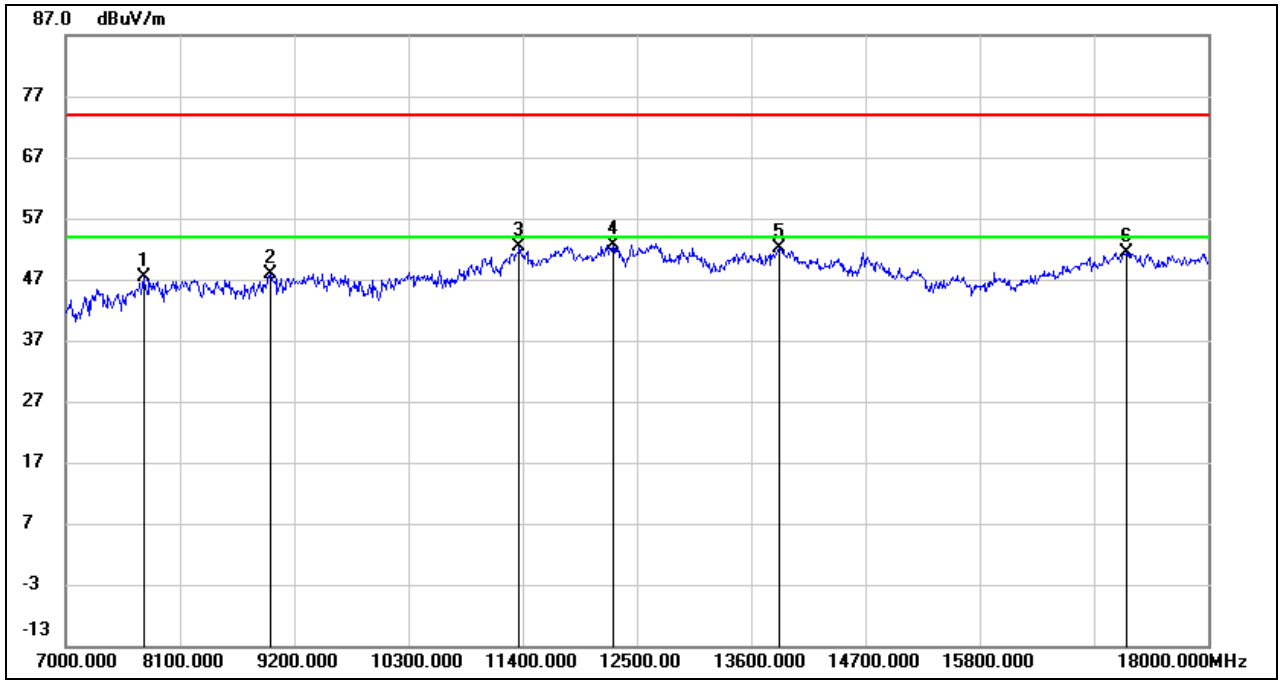
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	37.40	10.97	48.37	74.00	-25.63	peak
2	11312.000	34.67	16.66	51.33	74.00	-22.67	peak
3	12214.000	34.23	17.93	52.16	74.00	-21.84	peak
4	12621.000	34.97	18.18	53.15	74.00	-20.85	peak
5	13875.000	32.57	19.81	52.38	74.00	-21.62	peak
6	17010.000	31.87	19.75	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, VERTICAL)

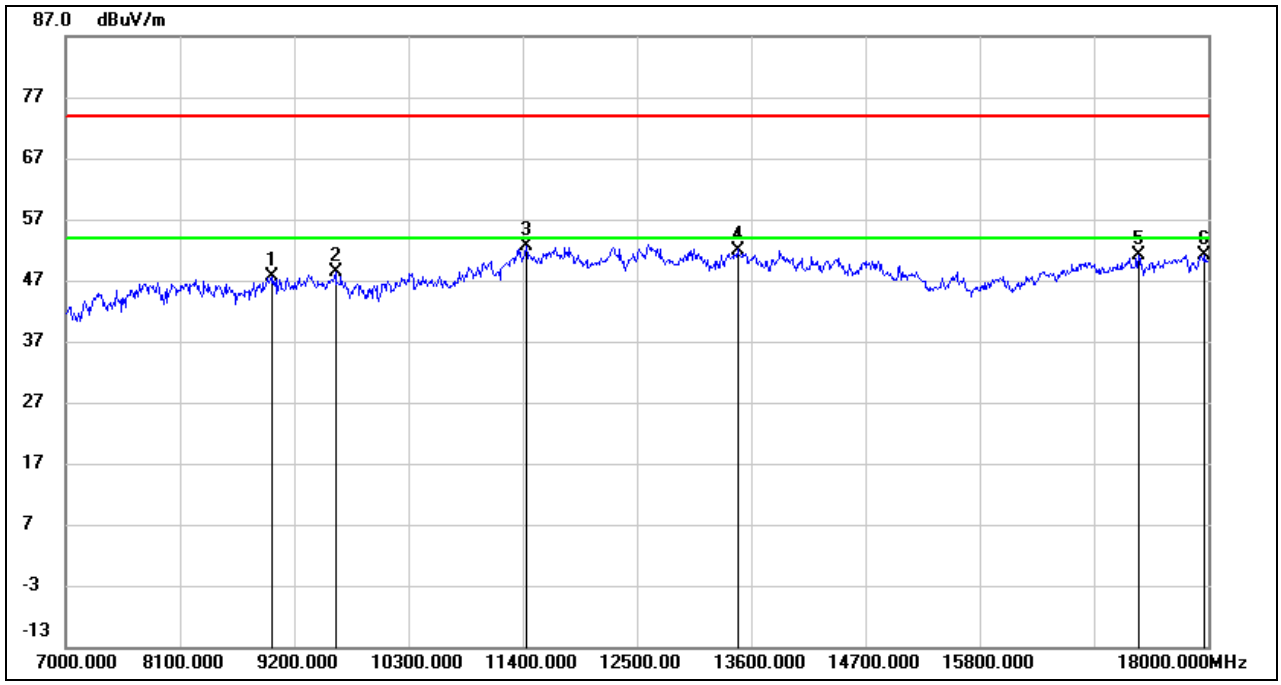


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	38.67	8.64	47.31	74.00	-26.69	peak
2	8969.000	36.97	10.90	47.87	74.00	-26.13	peak
3	11367.000	35.56	16.89	52.45	74.00	-21.55	peak
4	12269.000	34.71	17.96	52.67	74.00	-21.33	peak
5	13875.000	32.34	19.81	52.15	74.00	-21.85	peak
6	17208.000	30.17	21.16	51.33	74.00	-22.67	peak

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

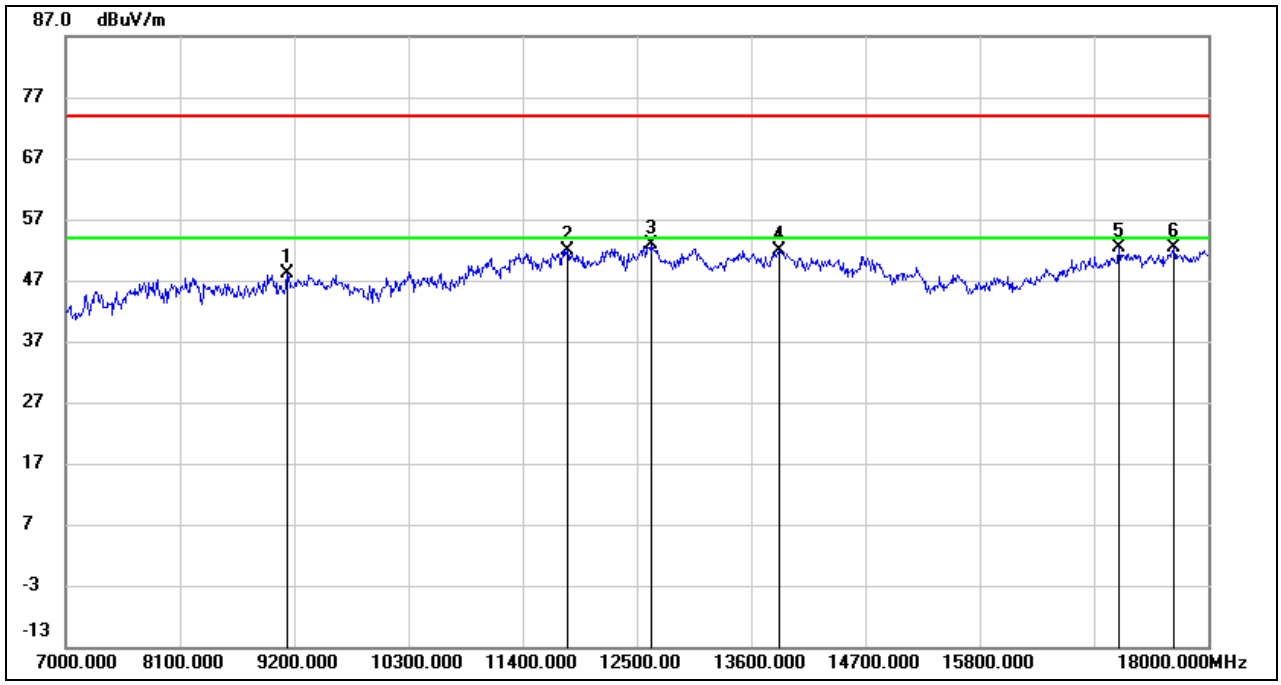
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.38	11.13	47.51	74.00	-26.49	peak
2	9596.000	36.40	11.98	48.38	74.00	-25.62	peak
3	11433.000	35.41	17.17	52.58	74.00	-21.42	peak
4	13468.000	32.58	19.42	52.00	74.00	-22.00	peak
5	17329.000	30.13	21.02	51.15	74.00	-22.85	peak
6	17967.000	26.57	24.61	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



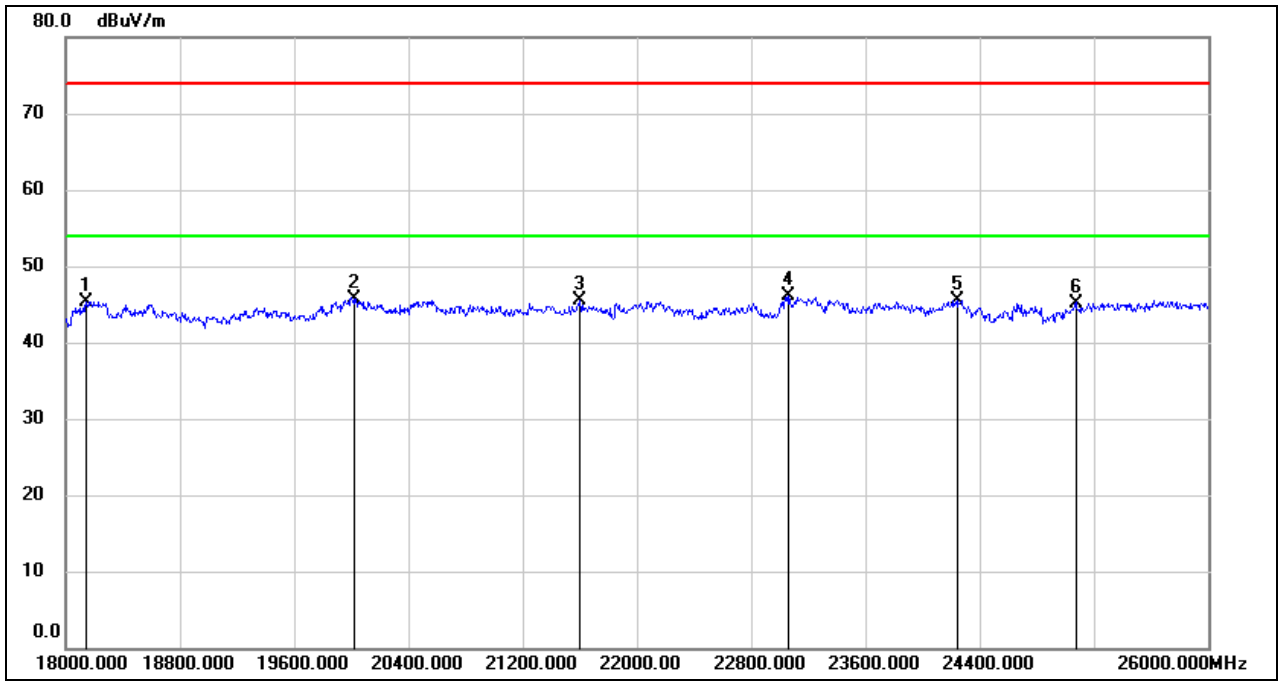
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.50	10.55	48.05	74.00	-25.95	peak
2	11829.000	33.54	18.40	51.94	74.00	-22.06	peak
3	12632.000	34.62	18.17	52.79	74.00	-21.21	peak
4	13875.000	32.14	19.81	51.95	74.00	-22.05	peak
5	17142.000	31.56	20.74	52.30	74.00	-21.70	peak
6	17670.000	29.55	22.82	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.

8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 802.11ac VHT80 MODE

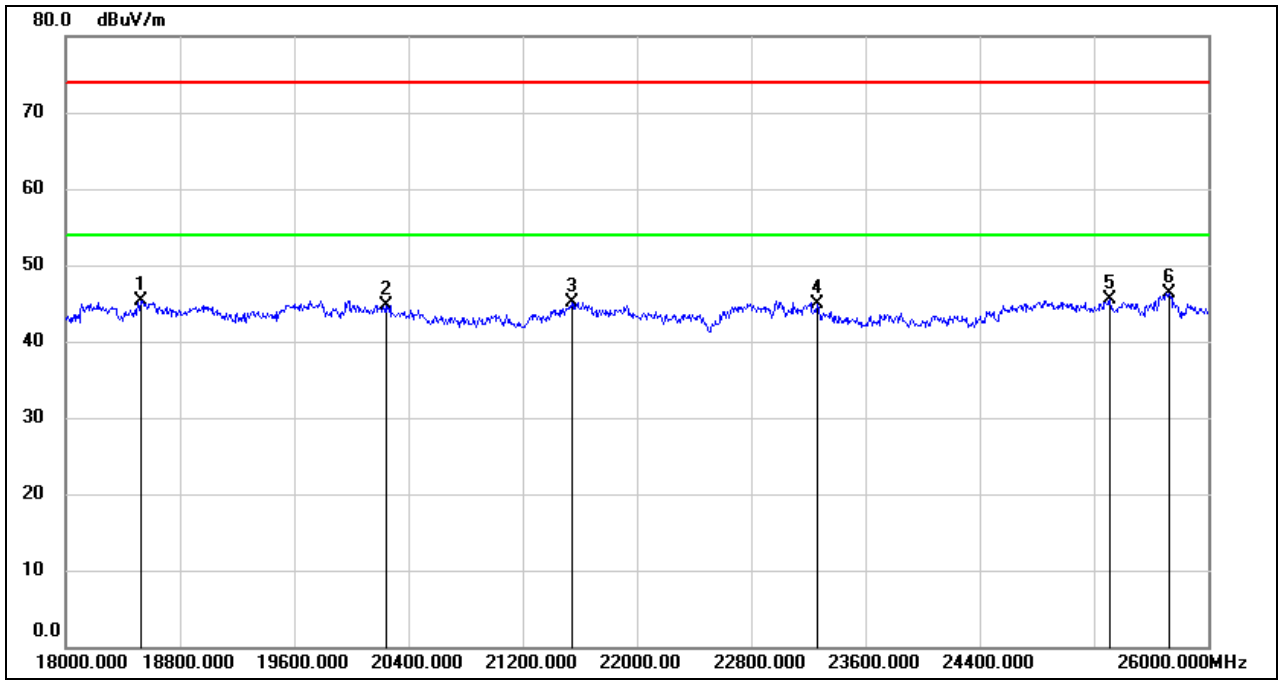
SPURIOUS EMISSIONS (UNII-2A BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	50.77	-5.48	45.29	74.00	-28.71	peak
2	20024.000	51.25	-5.47	45.78	74.00	-28.22	peak
3	21600.000	50.02	-4.54	45.48	74.00	-28.52	peak
4	23064.000	49.49	-3.42	46.07	74.00	-27.93	peak
5	24248.000	48.32	-2.83	45.49	74.00	-28.51	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-2A BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18528.000	50.61	-5.26	45.35	74.00	-28.65	peak
2	20240.000	50.32	-5.61	44.71	74.00	-29.29	peak
3	21544.000	49.76	-4.63	45.13	74.00	-28.87	peak
4	23264.000	48.26	-3.36	44.90	74.00	-29.10	peak
5	25312.000	47.20	-1.70	45.50	74.00	-28.50	peak
6	25728.000	47.11	-0.72	46.39	74.00	-27.61	peak

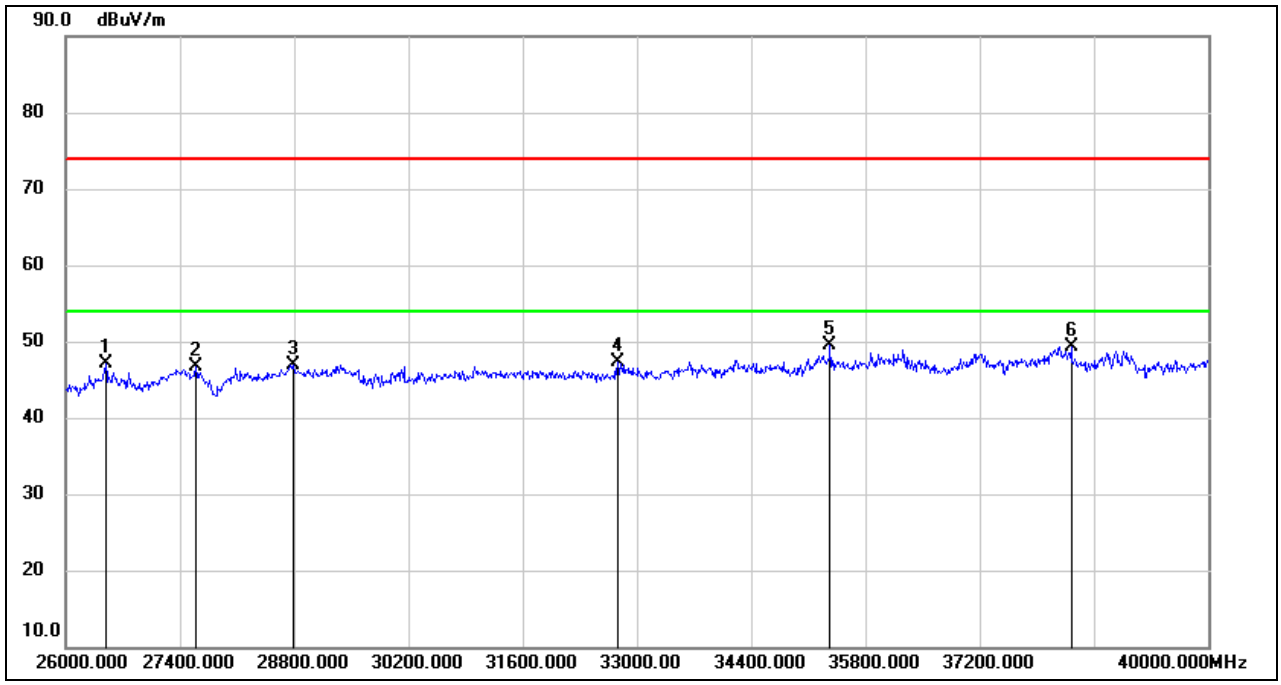
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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

8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 802.11ac VHT80 MODE

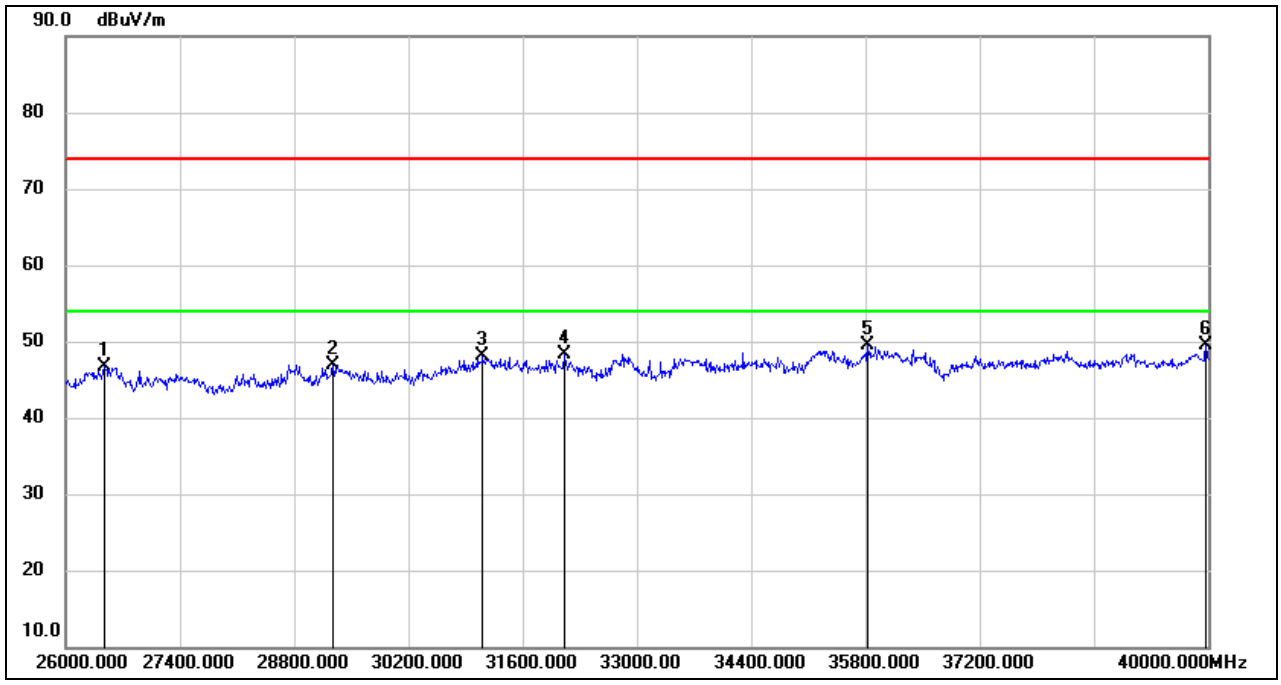
SPURIOUS EMISSIONS (UNII-2A BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	27596.000	50.21	-3.46	46.75	74.00	-27.25	peak
3	28786.000	47.49	-0.64	46.85	74.00	-27.15	peak
4	32762.000	48.45	-1.21	47.24	74.00	-26.76	peak
5	35366.000	46.90	2.59	49.49	74.00	-24.51	peak
6	38320.000	45.56	3.77	49.33	74.00	-24.67	peak

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	29276.000	48.01	-1.01	47.00	74.00	-27.00	peak
3	31110.000	48.83	-0.75	48.08	74.00	-25.92	peak
4	32104.000	49.99	-1.75	48.24	74.00	-25.76	peak
5	35828.000	45.75	3.67	49.42	74.00	-24.58	peak
6	39972.000	44.45	5.13	49.58	74.00	-24.42	peak

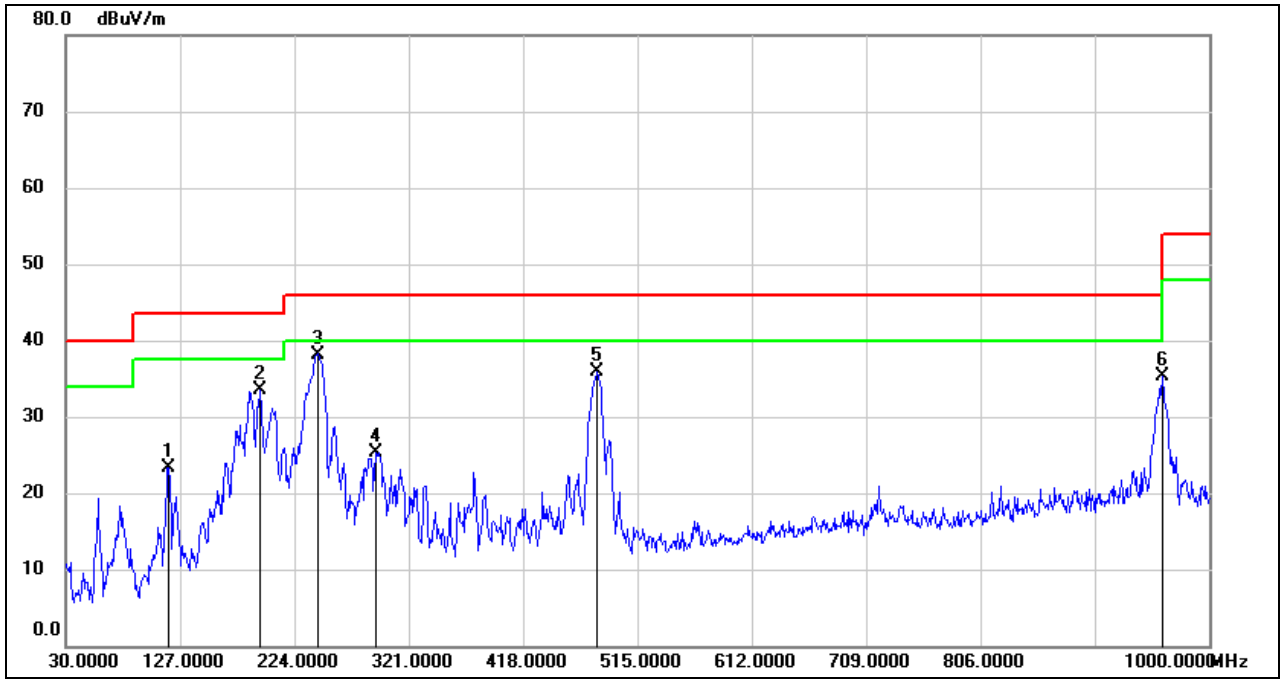
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11ac VHT80 MODE

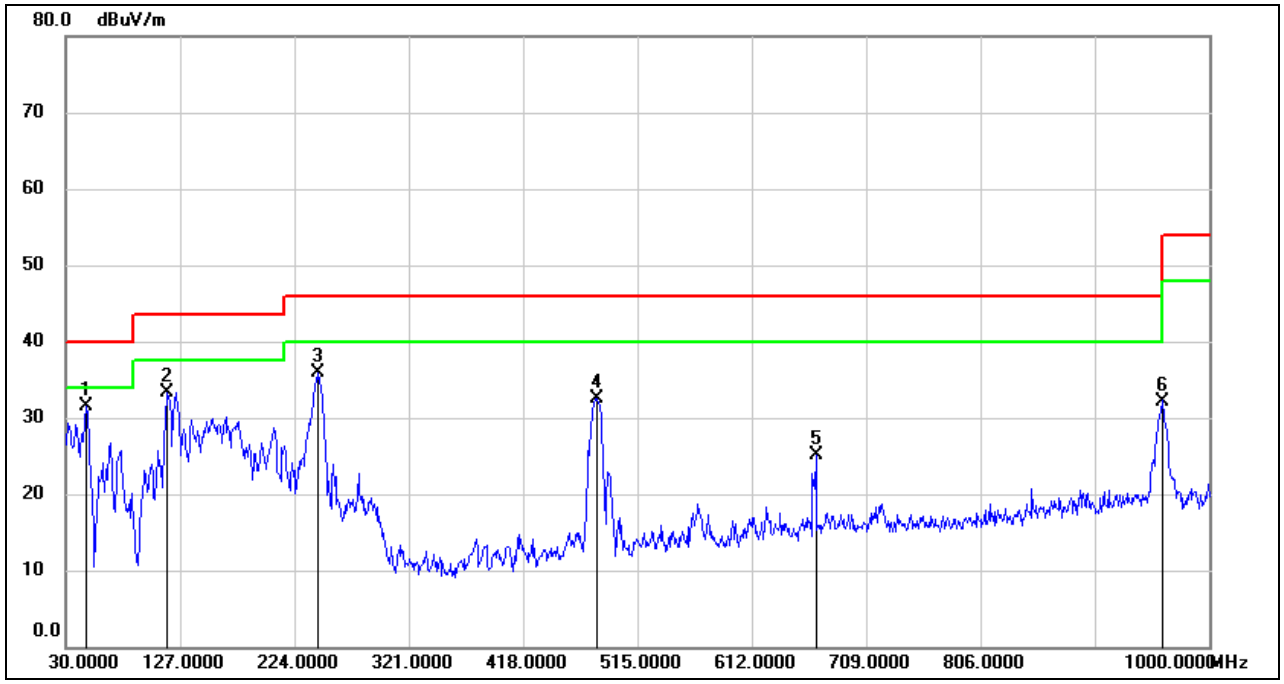
SPURIOUS EMISSIONS (UNII-2A BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	117.3000	43.38	-20.03	23.35	43.50	-20.15	QP
2	194.9000	50.03	-16.49	33.54	43.50	-9.96	QP
3	243.4000	57.28	-19.08	38.20	46.00	-7.80	QP
4	292.8700	41.10	-15.73	25.37	46.00	-20.63	QP
5	481.0500	47.63	-11.78	35.85	46.00	-10.15	QP
6	960.2300	39.92	-4.54	35.38	54.00	-18.62	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-2A BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4600	51.98	-20.55	31.43	40.00	-8.57	QP
2	116.3300	53.38	-20.08	33.30	43.50	-10.20	QP
3	244.3700	54.98	-19.07	35.91	46.00	-10.09	QP
4	480.0800	44.32	-11.79	32.53	46.00	-13.47	QP
5	666.3200	33.75	-8.65	25.10	46.00	-20.90	QP
6	960.2300	36.74	-4.54	32.20	54.00	-21.80	QP

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

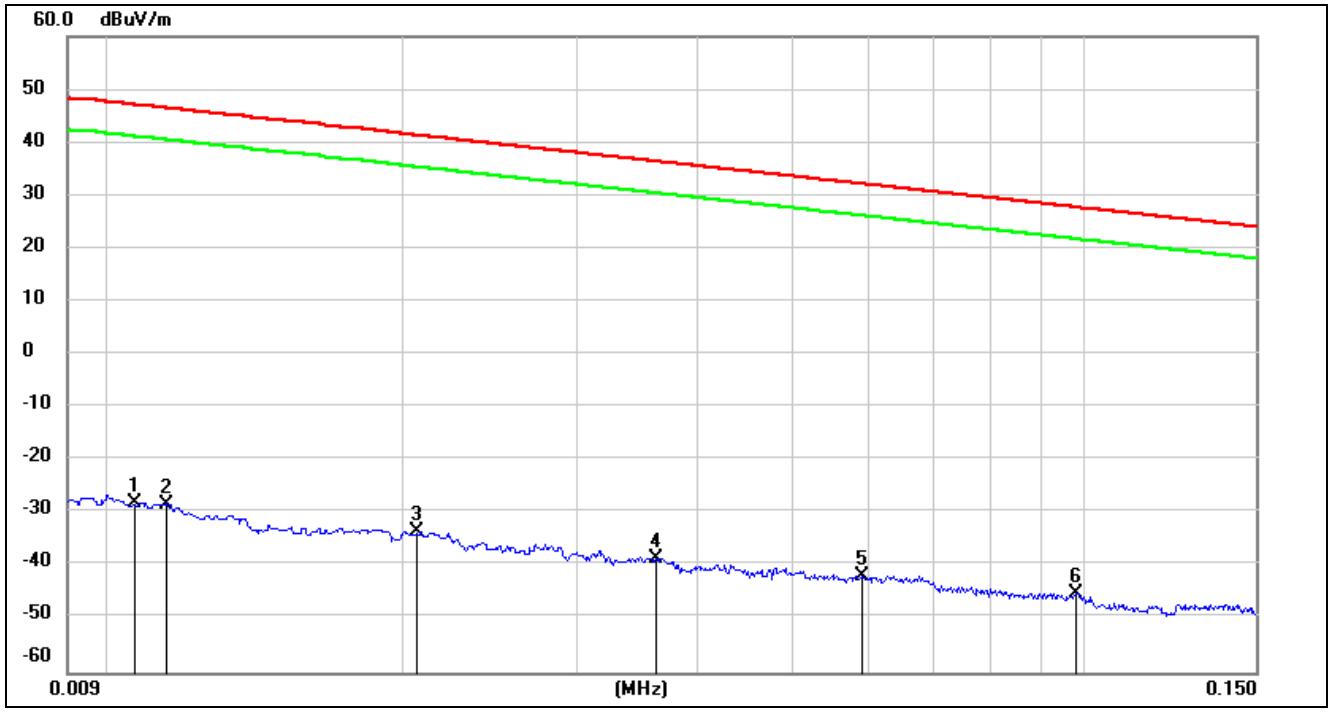
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11ac VHT80 MODE

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

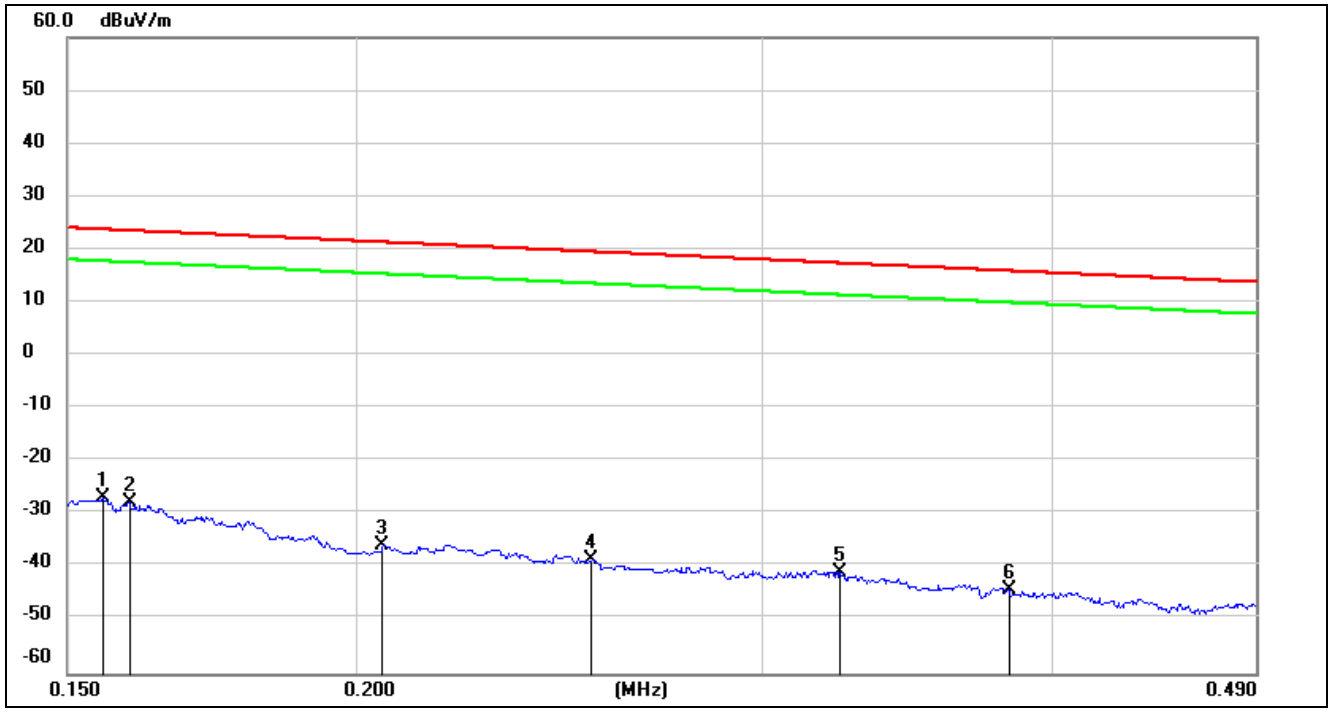
9 kHz~ 150 kHz



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0106	73.38	-101.39	-28.01	47.09	-79.51	-4.41	-75.10	peak
2	0.0114	73.00	-101.40	-28.4	46.46	-79.90	-5.04	-74.86	peak
3	0.0206	67.92	-101.35	-33.43	41.32	-84.93	-10.18	-74.75	peak
4	0.0362	63.01	-101.42	-38.41	36.43	-89.91	-15.07	-74.84	peak
5	0.0589	59.81	-101.52	-41.71	32.2	-93.21	-19.30	-73.91	peak
6	0.0981	56.77	-101.78	-45.01	27.77	-96.51	-23.73	-72.78	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. dBuA/m = dBuV/m – 20log10(120π) = dBuV/m -51.5.

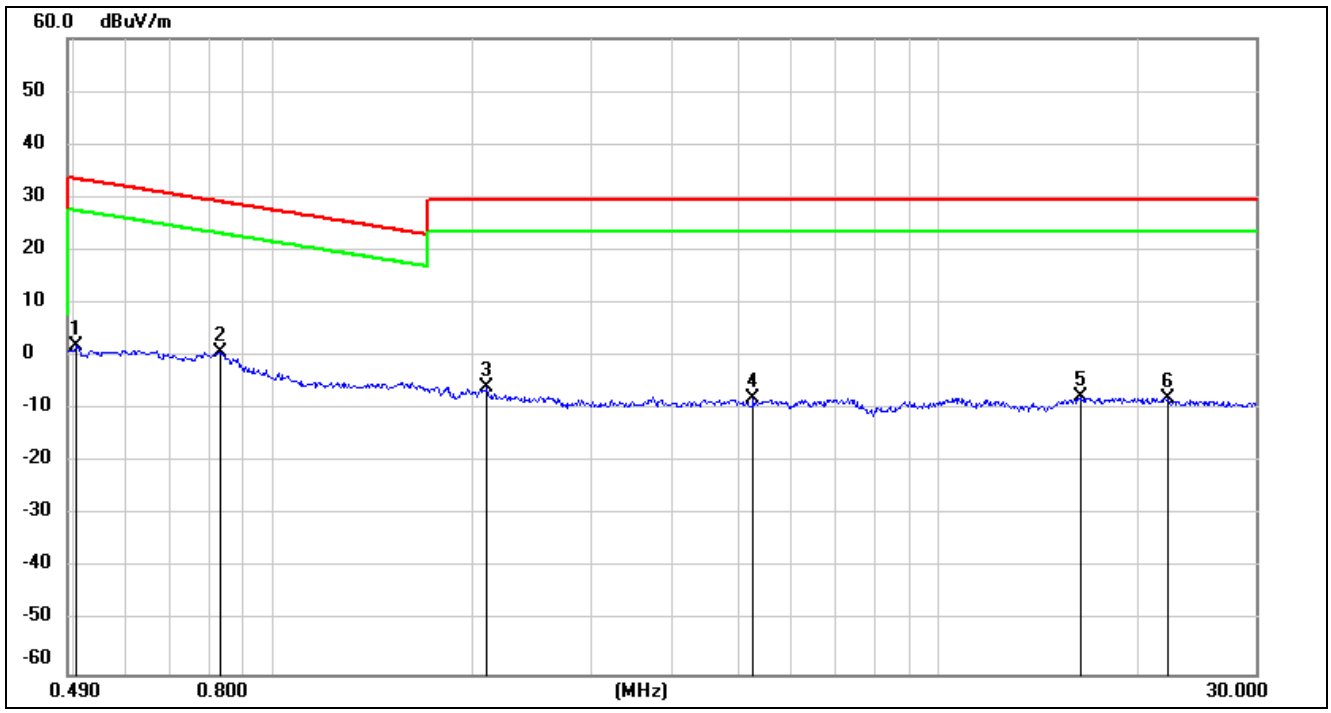
150 kHz ~ 490 kHz



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	74.77	-101.65	-26.88	23.77	-78.38	-27.73	-50.65	peak
2	0.1595	73.86	-101.65	-27.79	23.55	-79.29	-27.95	-51.34	peak
3	0.2053	65.79	-101.73	-35.94	21.35	-87.44	-30.15	-57.29	peak
4	0.2530	63.14	-101.80	-38.66	19.54	-90.16	-31.96	-58.20	peak
5	0.3240	60.87	-101.88	-41.01	17.39	-92.51	-34.11	-58.40	peak
6	0.3830	57.70	-101.94	-44.24	15.94	-95.74	-35.56	-60.18	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. dBuA/m = dBuV/m – 20log10(120π) = dBuV/m -51.5.

490 kHz ~ 30 MHz



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5039	63.94	-62.07	1.87	33.56	-49.63	-17.94	-31.69	peak
2	0.8296	62.94	-62.17	0.77	29.23	-50.73	-22.27	-28.46	peak
3	2.0939	55.89	-61.79	-5.9	29.54	-57.40	-21.96	-35.44	peak
4	5.2705	53.54	-61.45	-7.91	29.54	-59.41	-21.96	-37.45	peak
5	16.3959	53.17	-60.96	-7.79	29.54	-59.29	-21.96	-37.33	peak
6	22.1503	52.70	-60.67	-7.97	29.54	-59.47	-21.96	-37.51	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. dBuA/m = dBuV/m – 20log10(120π) = dBuV/m -51.5.

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

9. AC POWER LINE CONDUCTED EMISSIONS

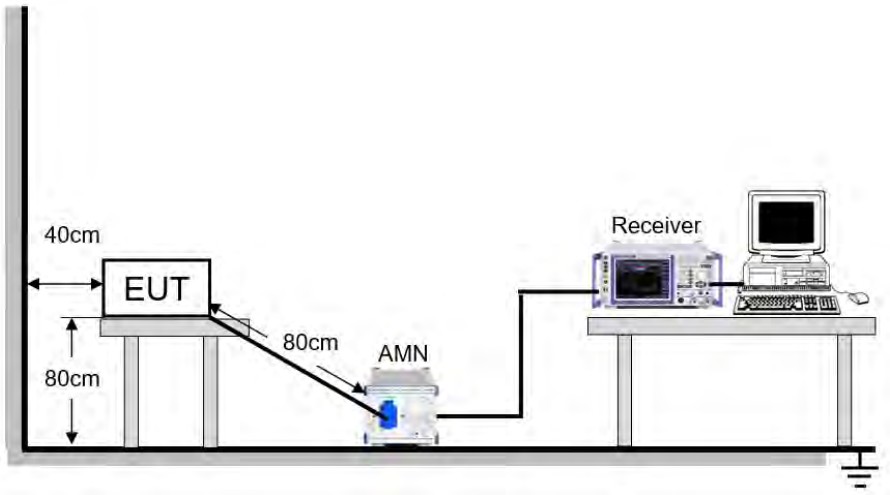
LIMITS

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

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST SETUP AND PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

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

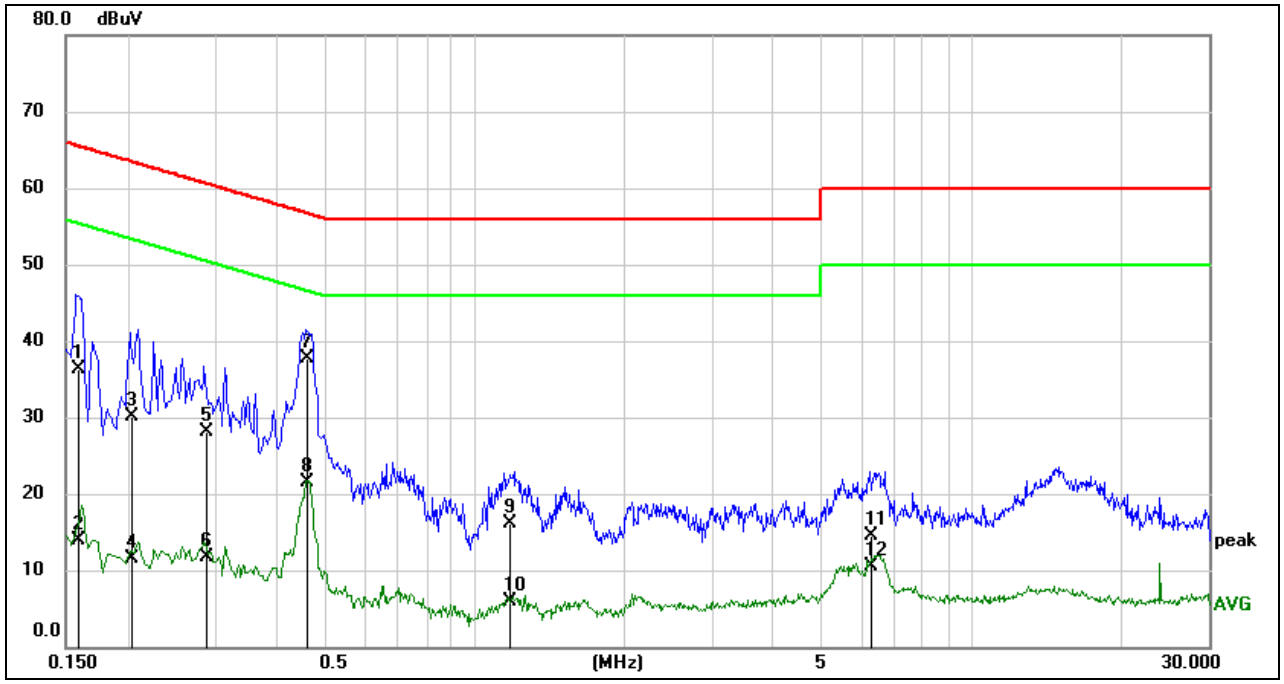
TEST ENVIRONMENT

Temperature	24.3 °C	Relative Humidity	69.1 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

RESULTS

9.1.1. 802.11ac VHT80 MODE

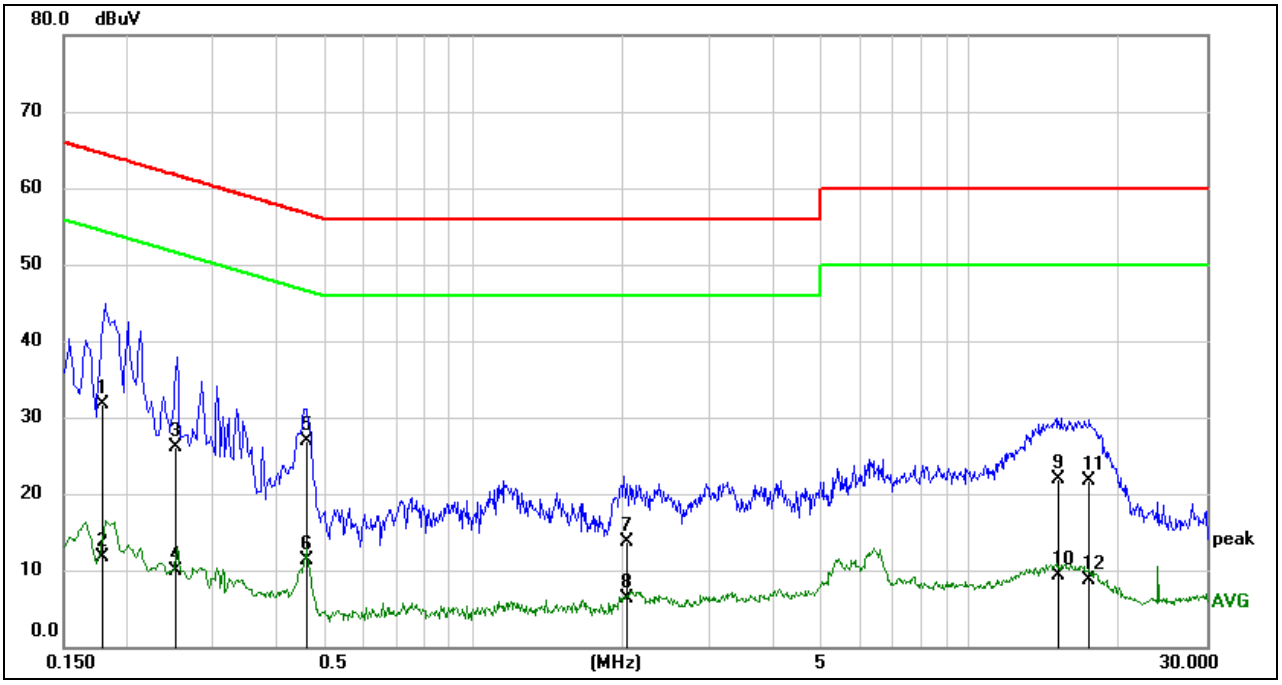
LINE L RESULTS (UNII-2A BAND LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1594	26.79	9.59	36.38	65.50	-29.12	QP
2	0.1594	4.38	9.59	13.97	55.50	-41.53	AVG
3	0.2051	20.47	9.59	30.06	63.40	-33.34	QP
4	0.2051	1.86	9.59	11.45	53.40	-41.95	AVG
5	0.2884	18.43	9.59	28.02	60.57	-32.55	QP
6	0.2884	2.03	9.59	11.62	50.57	-38.95	AVG
7	0.4599	28.17	9.60	37.77	56.69	-18.92	QP
8	0.4599	11.93	9.60	21.53	46.69	-25.16	AVG
9	1.1712	6.53	9.61	16.14	56.00	-39.86	QP
10	1.1712	-3.68	9.61	5.93	46.00	-40.07	AVG
11	6.2920	4.95	9.64	14.59	60.00	-45.41	QP
12	6.2920	0.88	9.64	10.52	50.00	-39.48	AVG

Note: 1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1793	22.19	9.59	31.78	64.52	-32.74	QP
2	0.1793	2.20	9.59	11.79	54.52	-42.73	AVG
3	0.2512	16.47	9.59	26.06	61.72	-35.66	QP
4	0.2512	0.37	9.59	9.96	51.72	-41.76	AVG
5	0.4598	17.30	9.60	26.90	56.70	-29.80	QP
6	0.4598	1.69	9.60	11.29	46.70	-35.41	AVG
7	2.0614	4.09	9.63	13.72	56.00	-42.28	QP
8	2.0614	-3.39	9.63	6.24	46.00	-39.76	AVG
9	15.0260	12.20	9.66	21.86	60.00	-38.14	QP
10	15.0260	-0.29	9.66	9.37	50.00	-40.63	AVG
11	17.4307	12.00	9.74	21.74	60.00	-38.26	QP
12	17.4307	-1.05	9.74	8.69	50.00	-41.31	AVG

Note: 1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

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

10. FREQUENCY STABILITY

LIMITS

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

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 70 °C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 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.

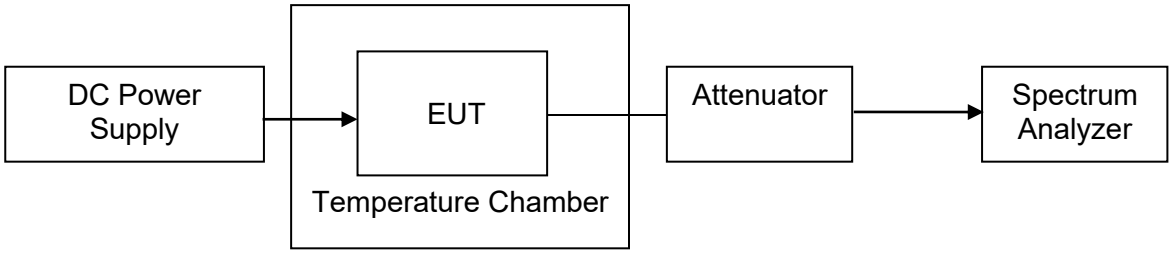
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	≥3 × 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_N (Normal Temperature): 25.1 °C	T_L (Low Temperature): 0 °C
		T_H (High Temperature): 40 °C
Supply Voltage	V_N (Normal Voltage): DC 3.3 V	V_L (Low Voltage): DC 2.97 V
		V_H (High Voltage): DC 3.63 V

RESULTS

Please refer to Appendix G.

11. DYNAMIC FREQUENCY SELECTION

APPLICABILITY OF DFS REQUIREMENTS

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.
Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.

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

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

Table 2: Applicability of DFS requirements during normal operation

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

Additional requirements for devices with multiple bandwidth modes	☐ Master Device or Client with Radar Detection	☒ Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

LIMITS

(1) DFS Detection Thresholds

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

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

PARAMETERS OF RADAR TEST WAVEFORMS

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

Table 5 Short Pulse Radar Test Waveforms

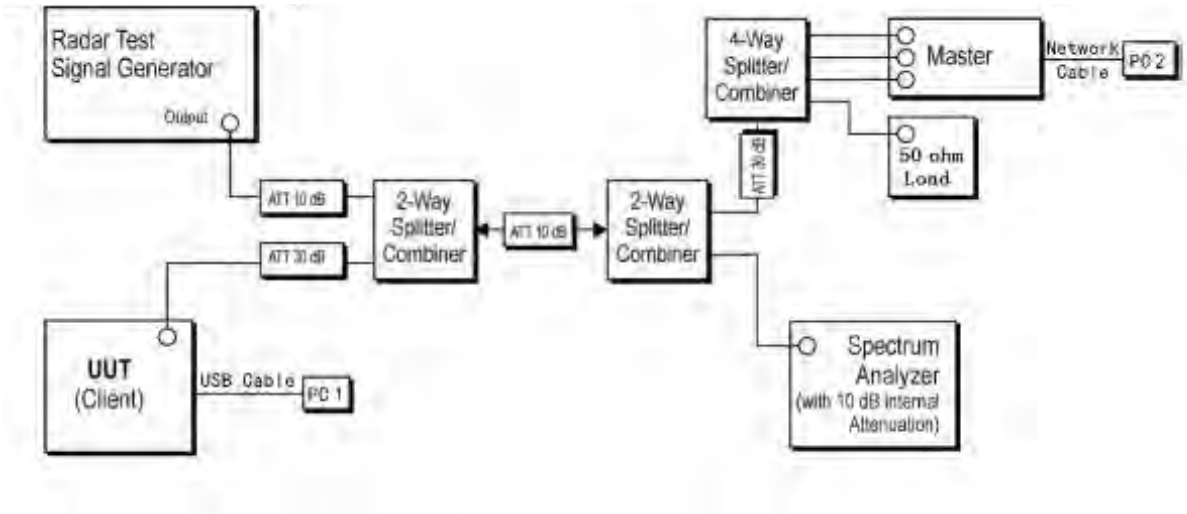
Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{PRI_{\mu sec}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

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

TEST SETUP

Setup for Client with injection at the Master



TEST ENVIRONMENT

Temperature	26.2 °C	Relative Humidity	55.8 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.3 V

RESULTS

Please refer to Appendix E & F.

12. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies

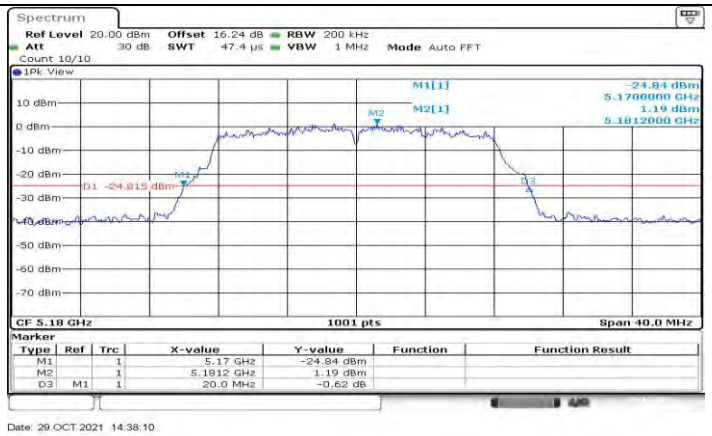
12.1. Appendix A1: Emission Bandwidth

12.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A 20	Ant1	5180	20.000	5170.000	5190.000	---	PASS
	Ant2	5180	20.200	5169.920	5190.120	---	PASS
	Ant1	5200	20.080	5189.800	5209.880	---	PASS
	Ant2	5200	20.080	5189.880	5209.960	---	PASS
	Ant1	5240	20.120	5229.920	5250.040	---	PASS
	Ant2	5240	20.120	5229.880	5250.000	---	PASS
	Ant1	5260	20.000	5250.080	5270.080	---	PASS
	Ant2	5260	20.040	5250.000	5270.040	---	PASS
	Ant1	5280	20.040	5269.960	5290.000	---	PASS
	Ant2	5280	20.200	5269.920	5290.120	---	PASS
	Ant1	5320	19.880	5309.960	5329.840	---	PASS
	Ant2	5320	20.160	5309.800	5329.960	---	PASS
	Ant1	5500	20.040	5489.920	5509.960	---	PASS
	Ant2	5500	19.920	5489.920	5509.840	---	PASS
	Ant1	5580	20.160	5569.880	5590.040	---	PASS
	Ant2	5580	20.120	5569.920	5590.040	---	PASS
	Ant1	5700	20.680	5689.600	5710.280	---	PASS
	Ant2	5700	19.960	5690.000	5709.960	---	PASS
	Ant1	5720	21.880	5708.520	5730.400	---	PASS
	Ant2	5720	20.120	5709.880	5730.000	---	PASS
	Ant1	5720_UNII-2C	16.48	5708.520	5725	---	PASS
	Ant2	5720_UNII-2C	15.12	5709.880	5725	---	PASS
	Ant1	5720_UNII-3	5.4	5725	5730.400	---	PASS
	Ant2	5720_UNII-3	5	5725	5730.000	---	PASS
	Ant1	5745	22.960	5733.920	5756.880	---	PASS
	Ant2	5745	20.080	5734.920	5755.000	---	PASS
	Ant1	5785	20.560	5774.840	5795.400	---	PASS
	Ant2	5785	20.120	5774.880	5795.000	---	PASS
	Ant1	5825	19.960	5815.000	5834.960	---	PASS
	Ant2	5825	20.200	5814.920	5835.120	---	PASS
11N20MIMO	Ant1	5180	20.360	5169.800	5190.160	---	PASS
	Ant2	5180	20.200	5169.920	5190.120	---	PASS
	Ant1	5200	20.200	5189.920	5210.120	---	PASS
	Ant2	5200	20.280	5189.840	5210.120	---	PASS
	Ant1	5240	20.280	5229.960	5250.240	---	PASS
	Ant2	5240	20.200	5229.920	5250.120	---	PASS
	Ant1	5260	20.480	5249.720	5270.200	---	PASS
	Ant2	5260	20.400	5249.760	5270.160	---	PASS
	Ant1	5280	21.000	5269.720	5290.720	---	PASS
	Ant2	5280	20.320	5269.960	5290.280	---	PASS
	Ant1	5320	20.440	5309.720	5330.160	---	PASS
	Ant2	5320	20.360	5309.920	5330.280	---	PASS
	Ant1	5500	20.120	5490.000	5510.120	---	PASS
	Ant2	5500	20.240	5489.920	5510.160	---	PASS
	Ant1	5580	20.680	5569.680	5590.360	---	PASS
	Ant2	5580	20.360	5569.800	5590.160	---	PASS
	Ant1	5700	20.120	5689.960	5710.080	---	PASS
	Ant2	5700	20.240	5689.840	5710.080	---	PASS
	Ant1	5720	20.920	5709.520	5730.440	---	PASS
	Ant2	5720	20.200	5709.880	5730.080	---	PASS
	Ant1	5720_UNII-2C	15.48	5709.520	5725	---	PASS

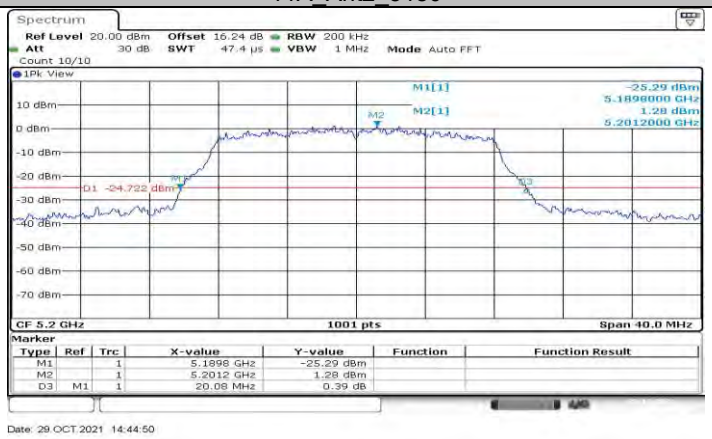
	Ant2	5720_UNII-2C	15.12	5709.880	5725	---	PASS
	Ant1	5720_UNII-3	5.44	5725	5730.440	---	PASS
	Ant2	5720_UNII-3	5.08	5725	5730.080	---	PASS
	Ant1	5745	20.800	5734.680	5755.480	---	PASS
	Ant2	5745	20.160	5734.920	5755.080	---	PASS
	Ant1	5785	20.440	5774.680	5795.120	---	PASS
	Ant2	5785	20.320	5774.800	5795.120	---	PASS
	Ant1	5825	20.360	5814.880	5835.240	---	PASS
	Ant2	5825	20.280	5814.920	5835.200	---	PASS
11N40MIMO	Ant1	5190	41.520	5169.360	5210.880	---	PASS
	Ant2	5190	40.880	5169.520	5210.400	---	PASS
	Ant1	5230	41.840	5209.280	5251.120	---	PASS
	Ant2	5230	42.400	5209.760	5252.160	---	PASS
	Ant1	5270	47.200	5249.440	5296.640	---	PASS
	Ant2	5270	40.800	5249.600	5290.400	---	PASS
	Ant1	5310	41.840	5289.440	5331.280	---	PASS
	Ant2	5310	41.120	5289.600	5330.720	---	PASS
	Ant1	5510	41.360	5489.280	5530.640	---	PASS
	Ant2	5510	41.200	5489.520	5530.720	---	PASS
	Ant1	5550	41.840	5529.200	5571.040	---	PASS
	Ant2	5550	40.880	5529.520	5570.400	---	PASS
	Ant1	5670	64.400	5639.760	5704.160	---	PASS
	Ant2	5670	40.960	5649.600	5690.560	---	PASS
	Ant1	5710	41.440	5689.280	5730.720	---	PASS
	Ant2	5710	40.720	5689.600	5730.320	---	PASS
	Ant1	5710_UNII-2C	35.72	5689.280	5725	---	PASS
	Ant2	5710_UNII-2C	35.4	5689.600	5725	---	PASS
	Ant1	5710_UNII-3	5.72	5725	5730.720	---	PASS
	Ant2	5710_UNII-3	5.32	5725	5730.320	---	PASS
	Ant1	5755	50.720	5730.920	5781.640	---	PASS
	Ant2	5755	40.880	5734.520	5775.400	---	PASS
	Ant1	5795	41.520	5774.200	5815.720	---	PASS
	Ant2	5795	41.120	5774.680	5815.800	---	PASS
11AC80MIMO	Ant1	5210	81.440	5169.200	5250.640	---	PASS
	Ant2	5210	81.600	5169.200	5250.800	---	PASS
	Ant1	5290	81.600	5249.200	5330.800	---	PASS
	Ant2	5290	81.280	5249.520	5330.800	---	PASS
	Ant1	5530	81.760	5489.200	5570.960	---	PASS
	Ant2	5530	81.280	5489.360	5570.640	---	PASS
	Ant1	5610	81.920	5569.040	5650.960	---	PASS
	Ant2	5610	81.280	5569.360	5650.640	---	PASS
	Ant1	5690	81.760	5649.040	5730.800	---	PASS
	Ant2	5690	81.280	5649.520	5730.800	---	PASS
	Ant1	5690_UNII-2C	75.96	5649.040	5725	---	PASS
	Ant2	5690_UNII-2C	75.48	5649.520	5725	---	PASS
	Ant1	5690_UNII-3	5.8	5725	5730.800	---	PASS
	Ant2	5690_UNII-3	5.8	5725	5730.800	---	PASS
	Ant1	5775	81.760	5734.200	5815.960	---	PASS
	Ant2	5775	81.760	5734.200	5815.960	---	PASS

12.1.2. Test Graphs

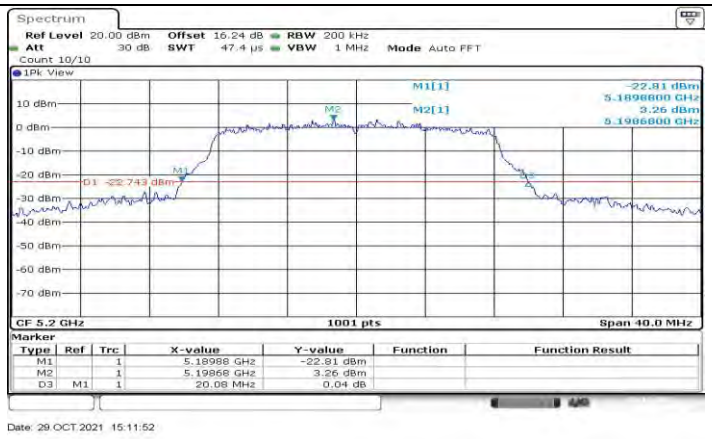


11A_Ant1_5180

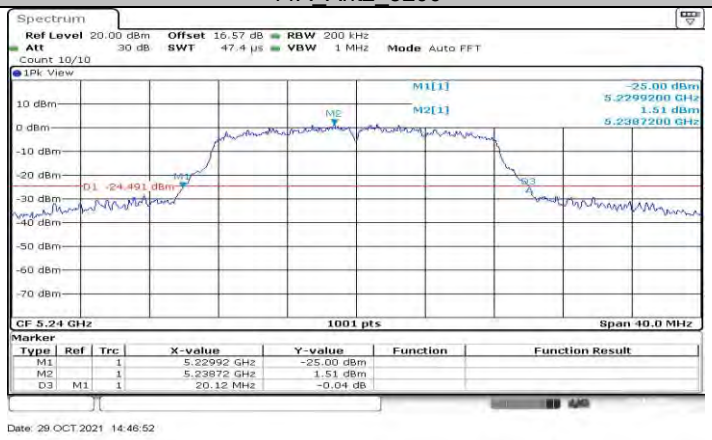
11A_Ant2_5180



11A_Ant1_5200

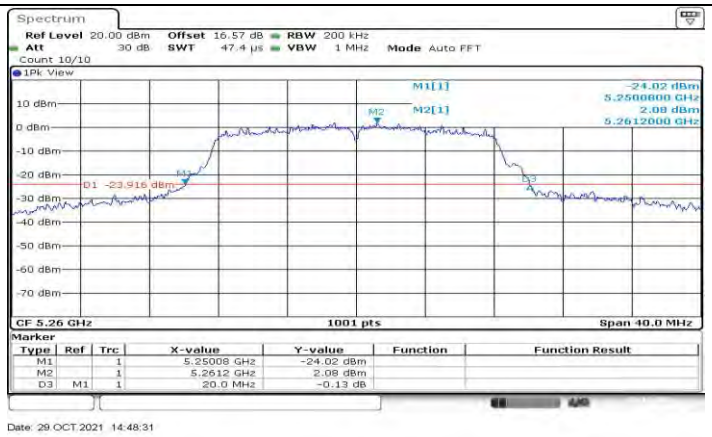


11A_Ant2_5200

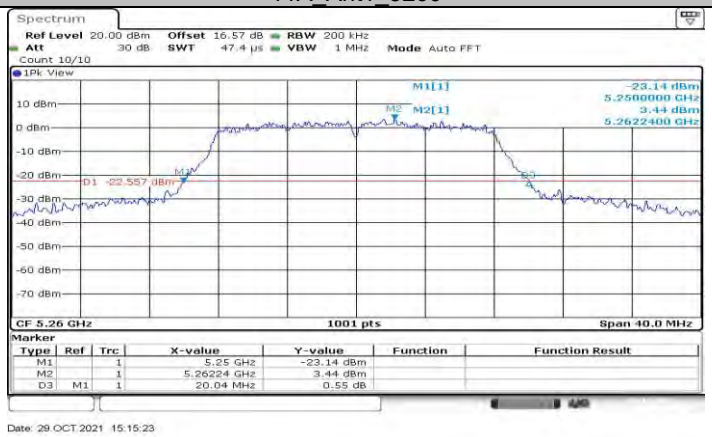


11A_Ant1_5240

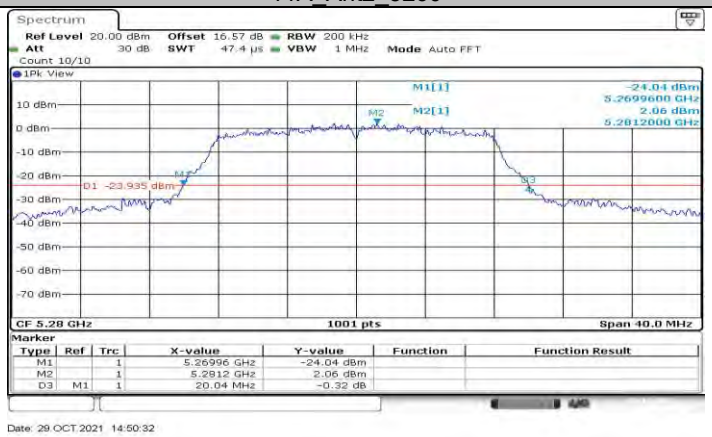
11A_Ant2_5240



11A_Ant1_5260

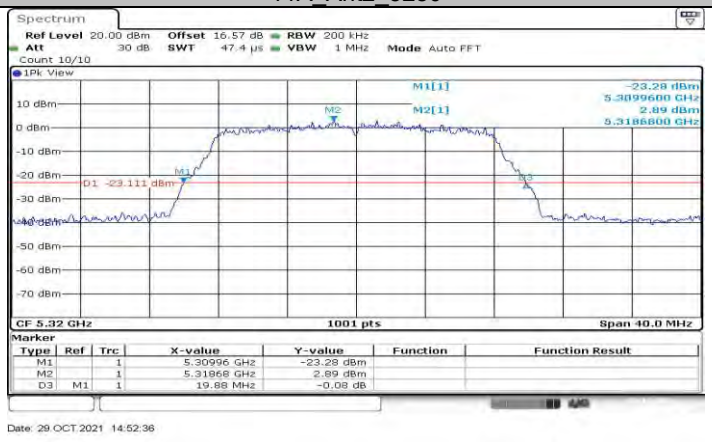


11A_Ant2_5260



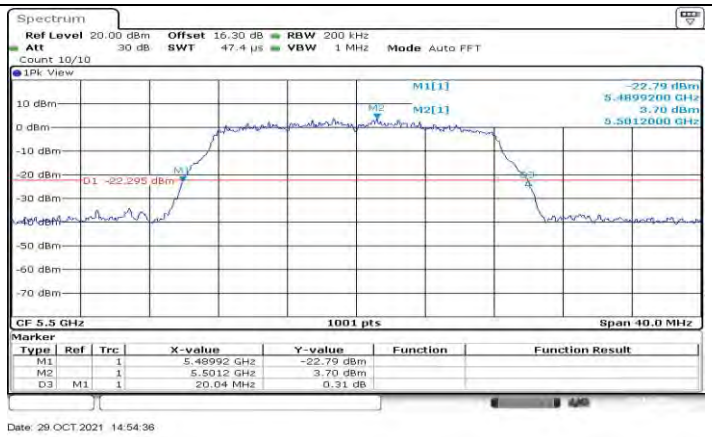
11A_Ant1_5280

11A_Ant2_5280



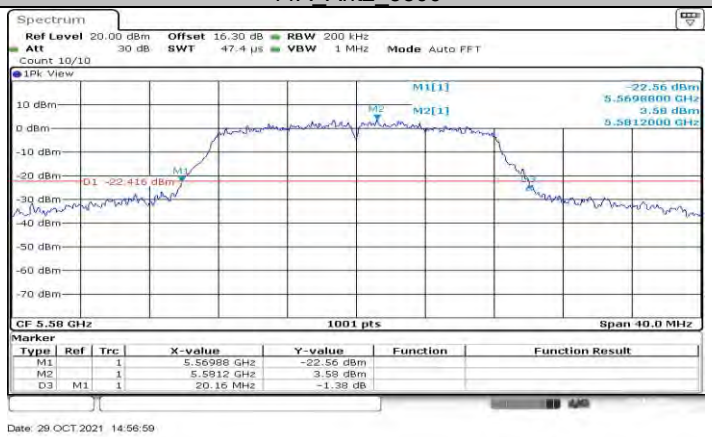
11A_Ant1_5320

11A_Ant2_5320



11A_Ant1_5500

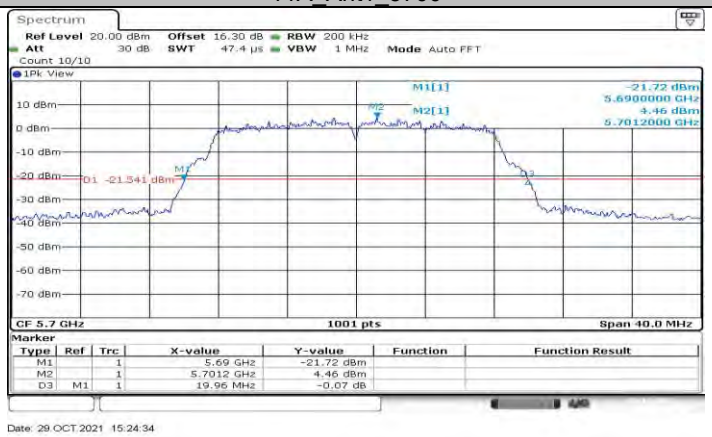
11A_Ant2_5500



11A_Ant1_5580

11A_Ant2_5580

11A_Ant1_5700

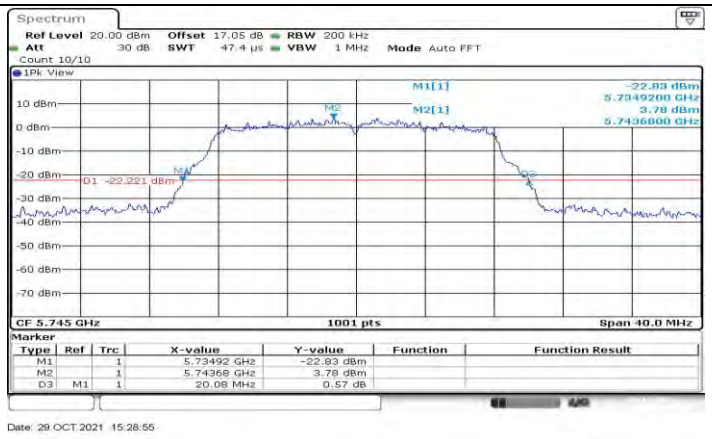


11A_Ant2_5700

11A_Ant1_5720

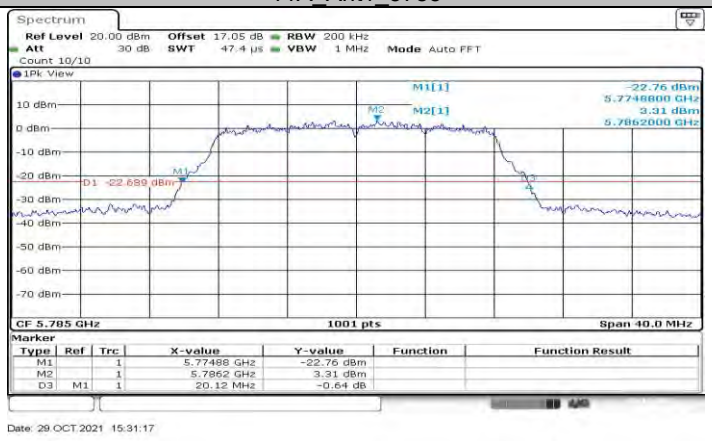
11A_Ant2_5720

11A_Ant1_5745

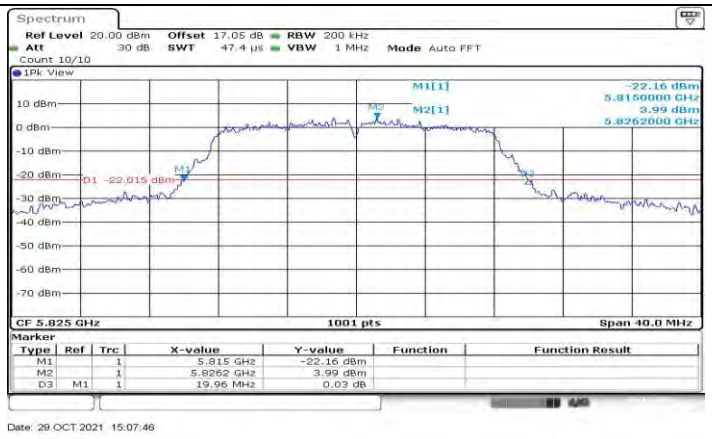


11A_Ant2_5745

11A_Ant1_5785

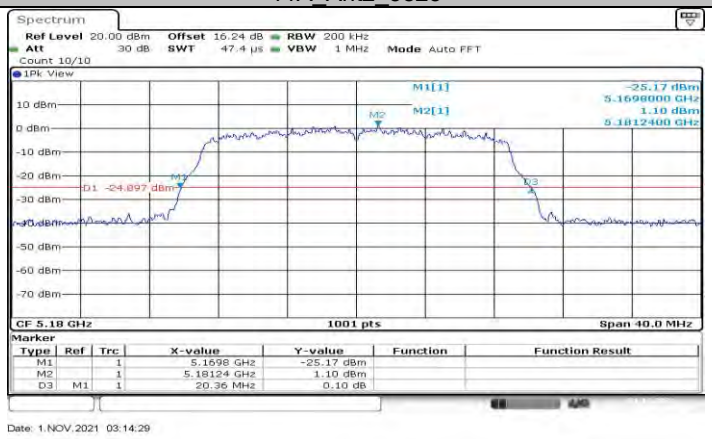


11A_Ant2_5785

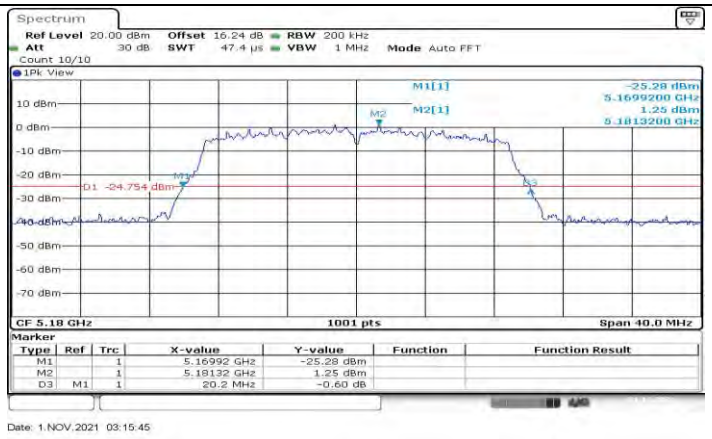


11A_Ant1_5825

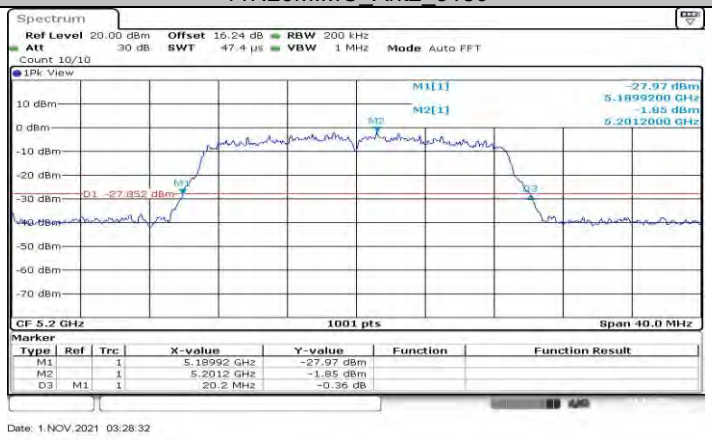
11A_Ant2_5825



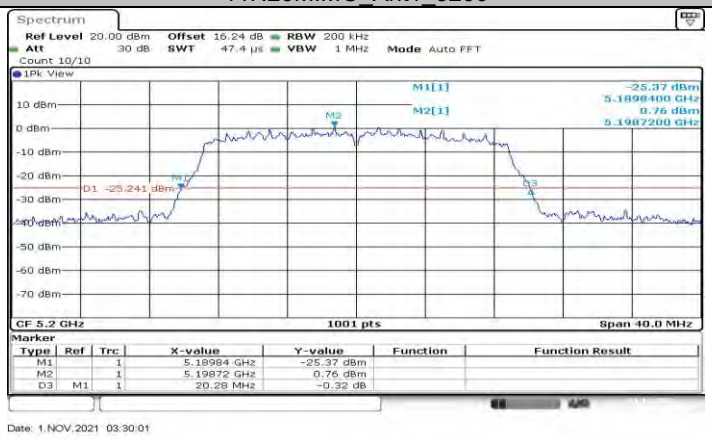
11N20MIMO_Ant1_5180



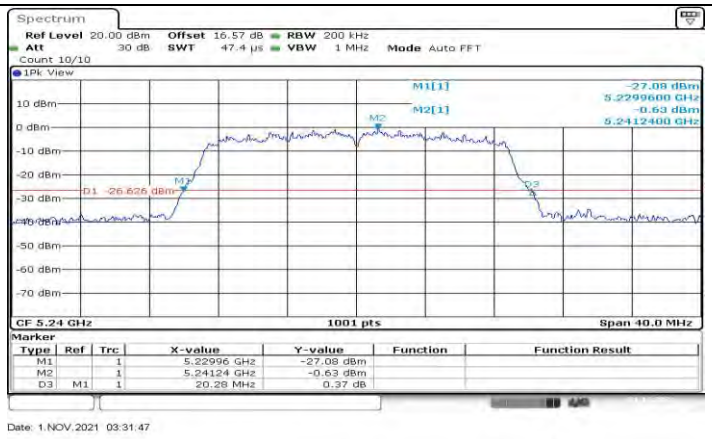
11N20MIMO_Ant2_5180



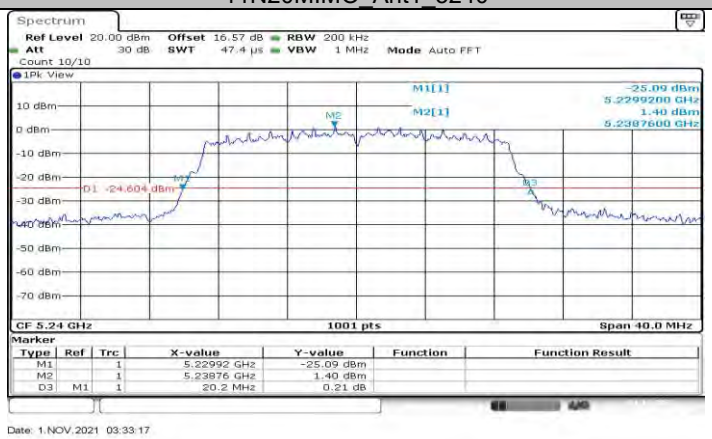
11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240

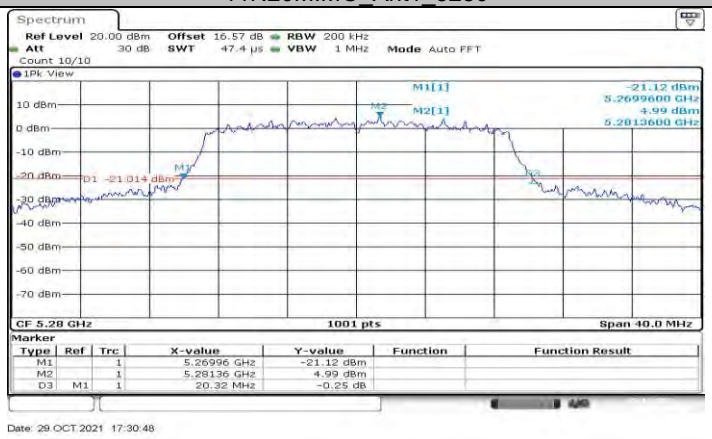


11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260

11N20MIMO_Ant1_5280

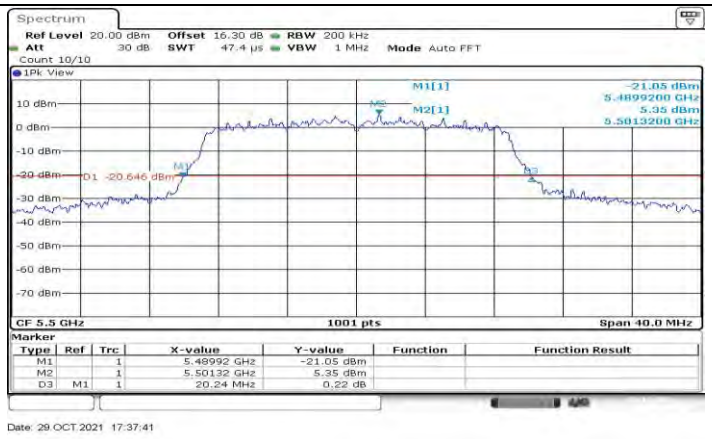


11N20MIMO_Ant2_5280

11N20MIMO_Ant1_5320

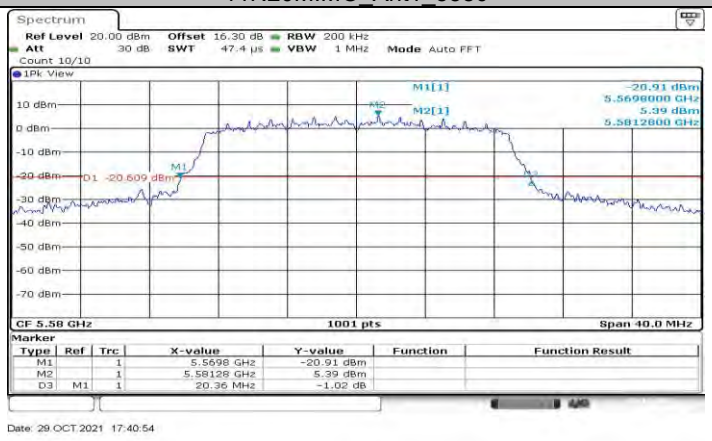
11N20MIMO_Ant2_5320

11N20MIMO_Ant1_5500



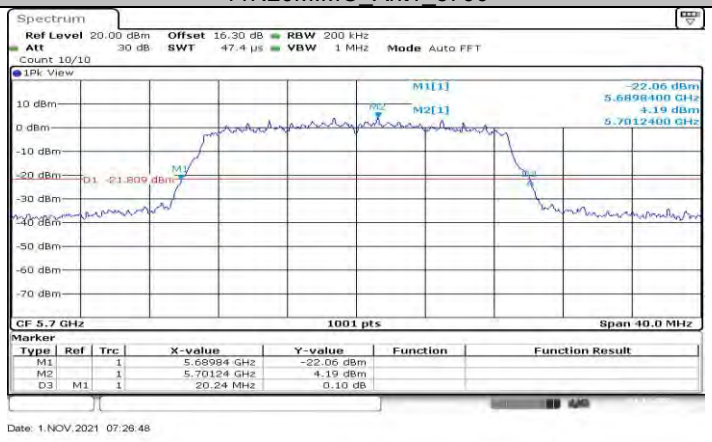
11N20MIMO_Ant2_5500

11N20MIMO_Ant1_5580

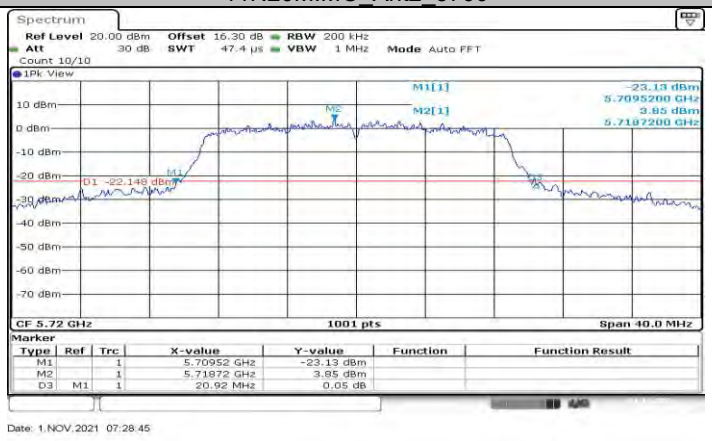


11N20MIMO_Ant2_5580

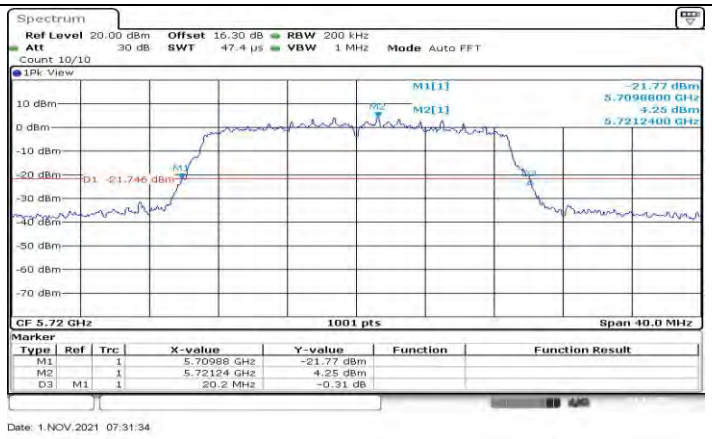
11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700

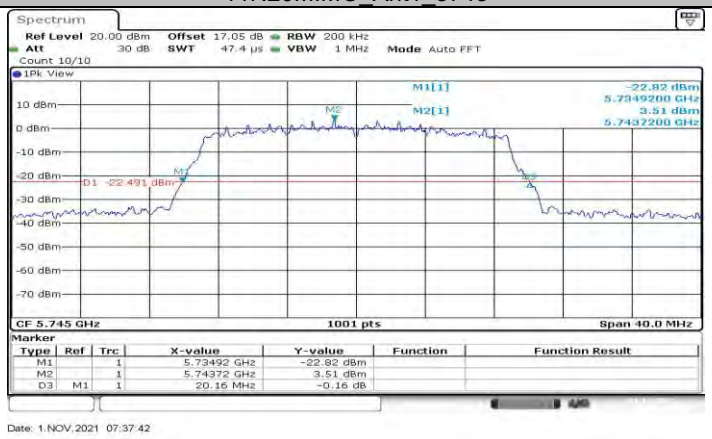


11N20MIMO_Ant1_5720



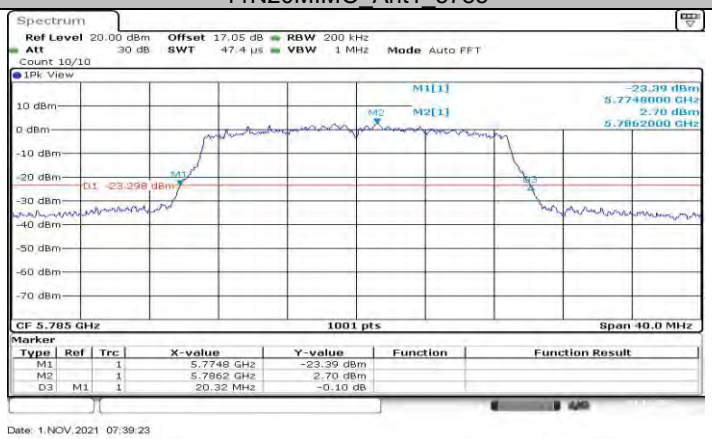
11N20MIMO_Ant2_5720

11N20MIMO_Ant1_5745



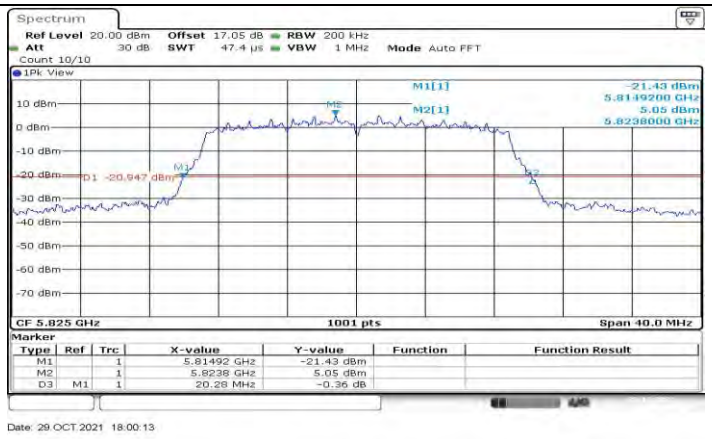
11N20MIMO_Ant2_5745

11N20MIMO_Ant1_5785

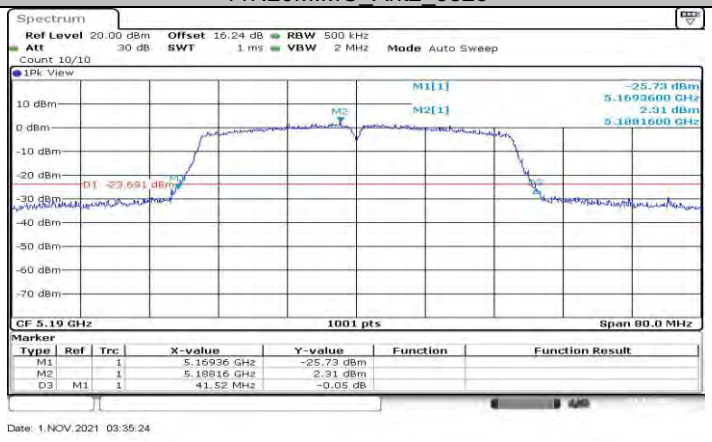


11N20MIMO_Ant2_5785

11N20MIMO_Ant1_5825

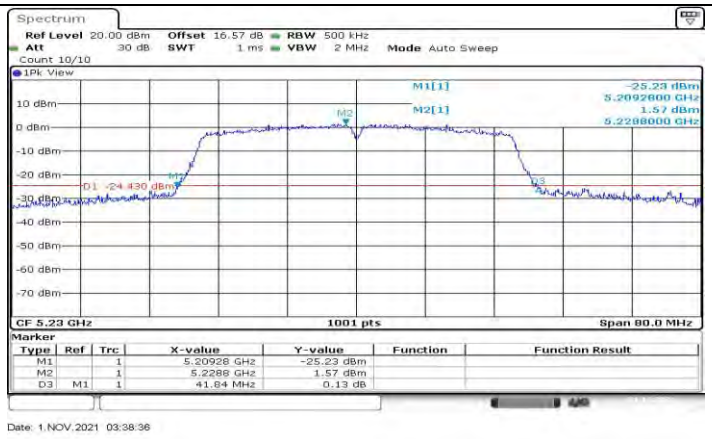


11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190

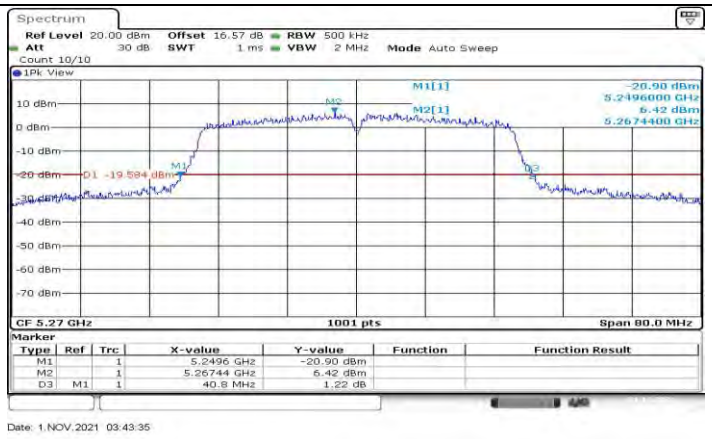
11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

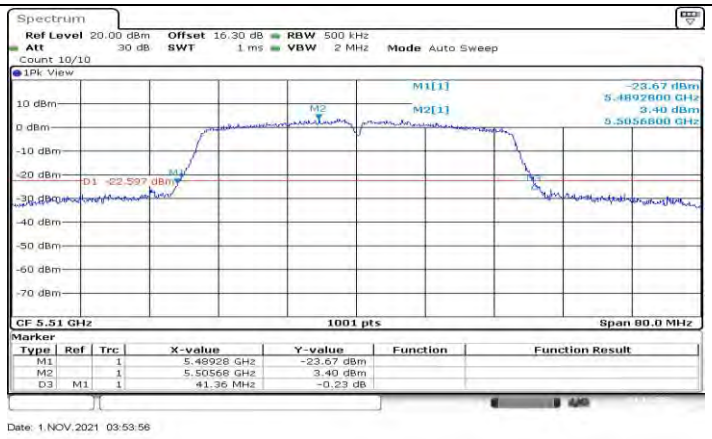
11N40MIMO_Ant1_5270



11N40MIMO_Ant2_5270

11N40MIMO_Ant1_5310

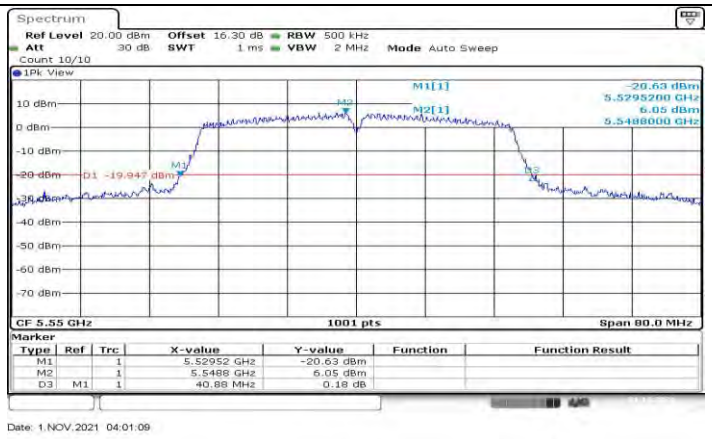
11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510

11N40MIMO_Ant2_5510

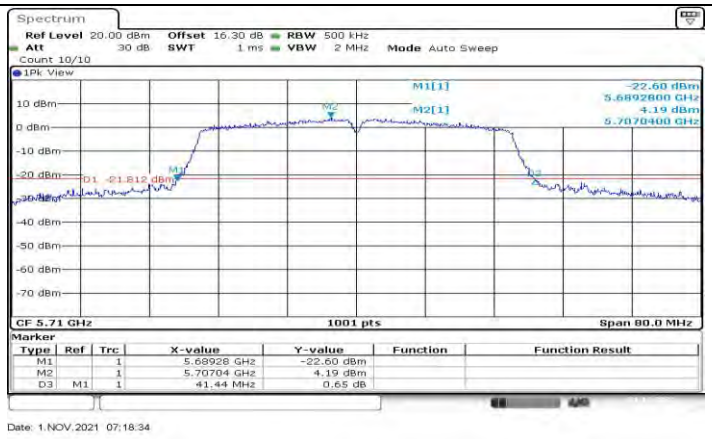
11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550

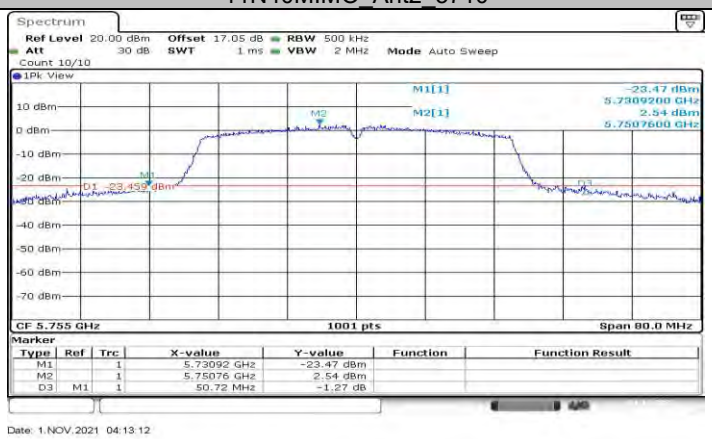
11N40MIMO_Ant1_5670

11N40MIMO_Ant2_5670



11N40MIMO_Ant1_5710

11N40MIMO_Ant2_5710



11N40MIMO_Ant1_5755

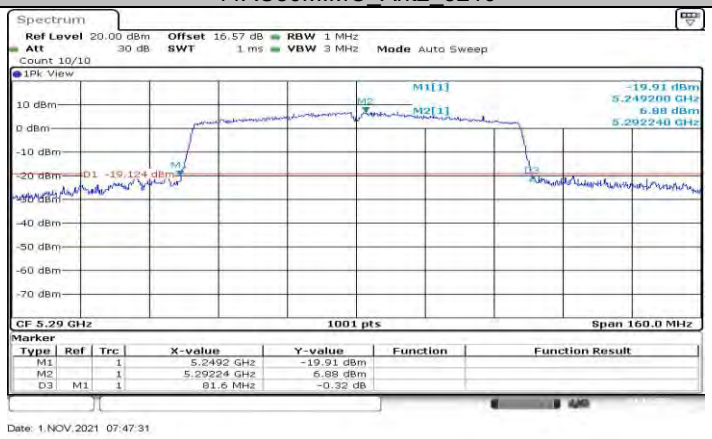
11N40MIMO_Ant2_5755

11N40MIMO_Ant1_5795

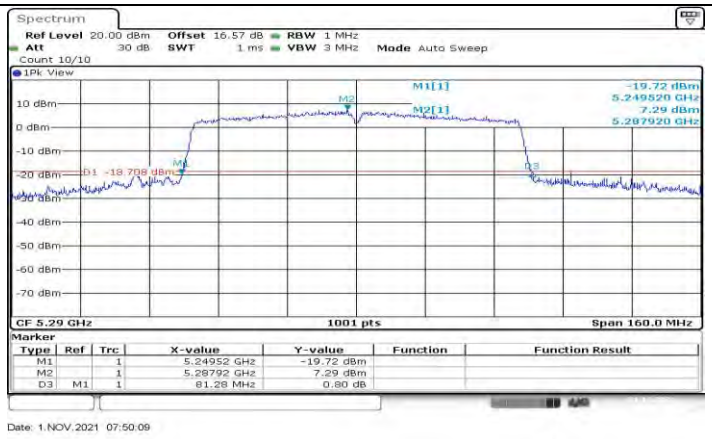
11N40MIMO_Ant2_5795

11AC80MIMO_Ant1_5210

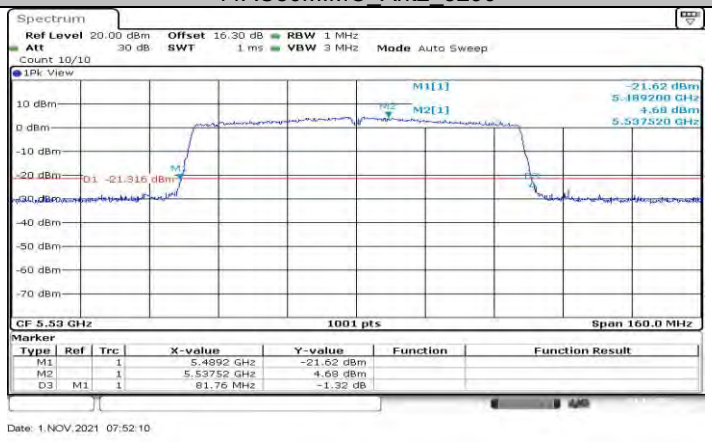
11AC80MIMO_Ant2_5210



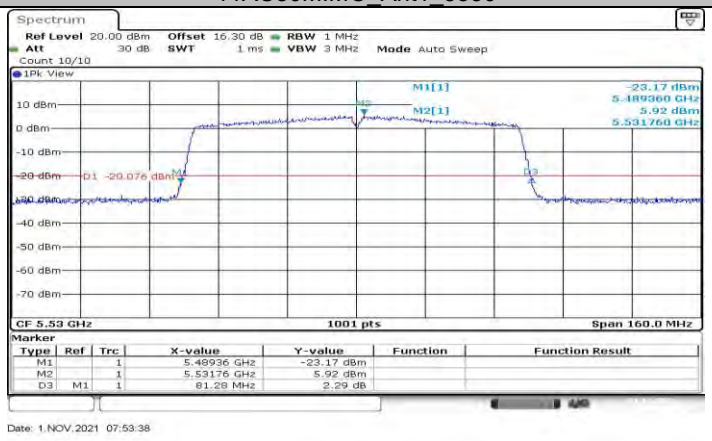
11AC80MIMO_Ant1_5290



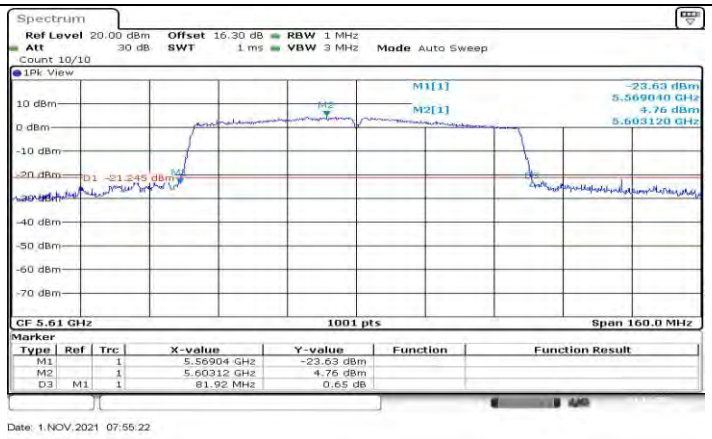
11AC80MIMO_Ant2_5290



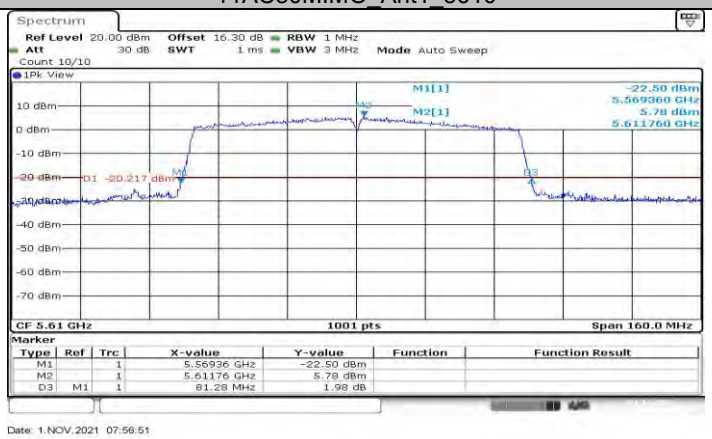
11AC80MIMO_Ant1_5530



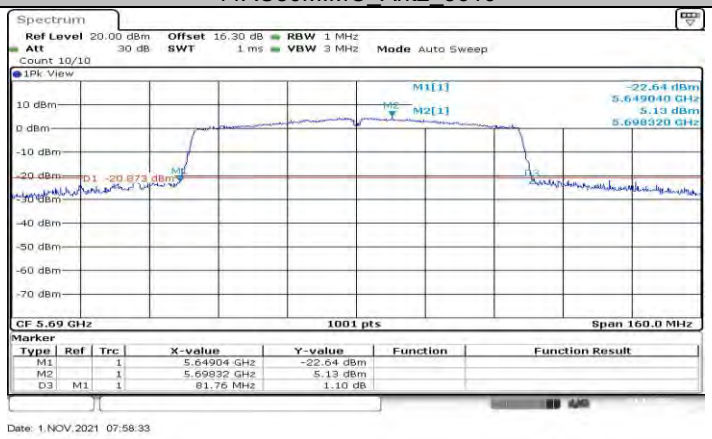
11AC80MIMO_Ant2_5530



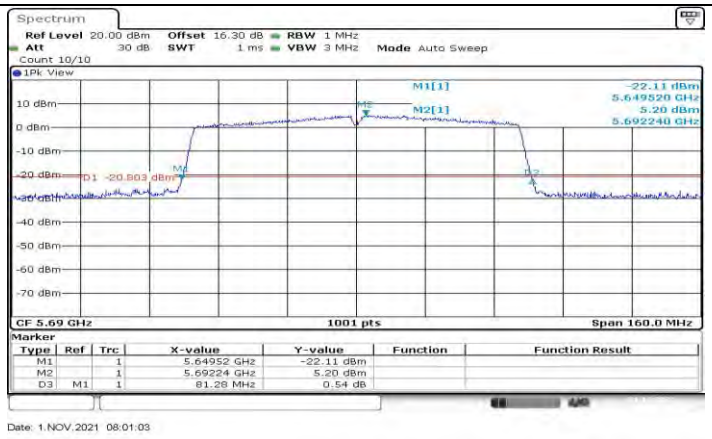
11AC80MIMO_Ant1_5610



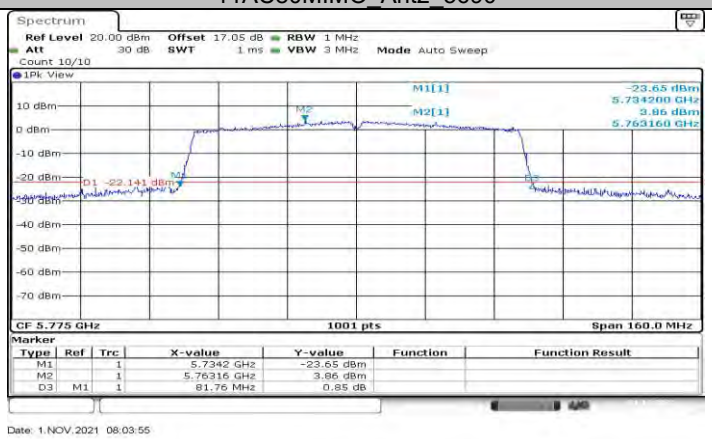
11AC80MIMO_Ant2_5610



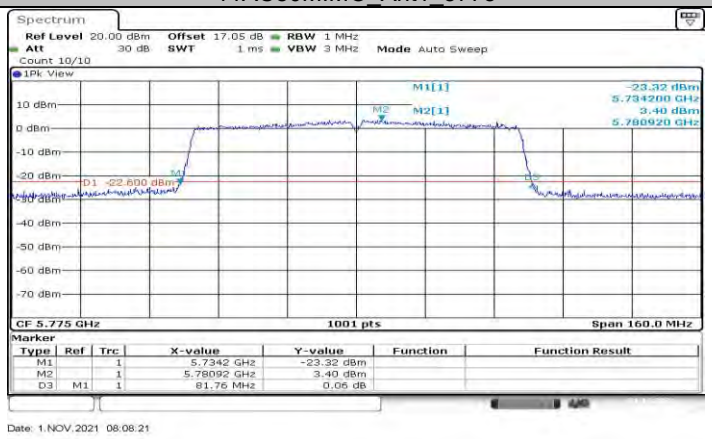
11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

12.2. Appendix A2: Occupied channel bandwidth

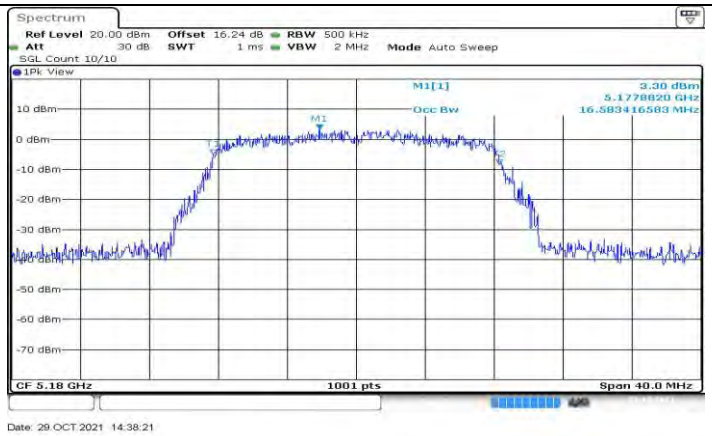
12.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A 20	Ant1	5180	16.583	5171.688	5188.272	---	PASS
	Ant2	5180	16.663	5171.648	5188.312	---	PASS
	Ant1	5200	16.783	5191.568	5208.352	---	PASS
	Ant2	5200	16.663	5191.608	5208.272	---	PASS
	Ant1	5240	16.663	5231.608	5248.272	---	PASS
	Ant2	5240	16.783	5231.568	5248.352	---	PASS
	Ant1	5260	16.823	5251.568	5268.392	---	PASS
	Ant2	5260	16.703	5251.648	5268.352	---	PASS
	Ant1	5280	16.823	5271.568	5288.392	---	PASS
	Ant2	5280	16.583	5271.688	5288.272	---	PASS
	Ant1	5320	16.703	5311.608	5328.312	---	PASS
	Ant2	5320	16.703	5311.608	5328.312	---	PASS
	Ant1	5500	16.663	5491.568	5508.232	---	PASS
	Ant2	5500	16.823	5491.489	5508.312	---	PASS
	Ant1	5580	16.543	5571.688	5588.232	---	PASS
	Ant2	5580	16.663	5571.648	5588.312	---	PASS
	Ant1	5700	16.703	5691.688	5708.392	---	PASS
	Ant2	5700	16.743	5691.608	5708.352	---	PASS
	Ant1	5720	16.783	5711.608	5728.392	---	PASS
	Ant2	5720	16.623	5711.648	5728.272	---	PASS
	Ant1	5720_UNII-2C	13.392	5711.608	5725	---	PASS
	Ant2	5720_UNII-2C	13.352	5711.648	5725	---	PASS
	Ant1	5720_UNII-3	3.392	5725	5728.392	---	PASS
	Ant2	5720_UNII-3	3.272	5725	5728.272	---	PASS
	Ant1	5745	16.823	5736.528	5753.352	---	PASS
	Ant2	5745	16.623	5736.648	5753.272	---	PASS
	Ant1	5785	16.783	5776.528	5793.312	---	PASS
	Ant2	5785	16.583	5776.728	5793.312	---	PASS
	Ant1	5825	16.903	5816.489	5833.392	---	PASS
	Ant2	5825	16.464	5816.768	5833.232	---	PASS
11N20MIMO	Ant1	5180	17.702	5171.169	5188.871	---	PASS
	Ant2	5180	17.702	5171.129	5188.831	---	PASS
	Ant1	5200	17.702	5191.129	5208.831	---	PASS
	Ant2	5200	17.622	5191.209	5208.831	---	PASS
	Ant1	5240	17.622	5231.249	5248.871	---	PASS
	Ant2	5240	17.742	5231.249	5248.991	---	PASS
	Ant1	5260	17.742	5251.249	5268.991	---	PASS
	Ant2	5260	17.782	5251.169	5268.951	---	PASS
	Ant1	5280	17.902	5271.209	5289.111	---	PASS
	Ant2	5280	17.822	5271.129	5288.951	---	PASS
	Ant1	5320	17.782	5311.169	5328.951	---	PASS
	Ant2	5320	17.742	5311.249	5328.991	---	PASS
	Ant1	5500	17.662	5491.209	5508.871	---	PASS
	Ant2	5500	17.742	5491.209	5508.951	---	PASS
	Ant1	5580	17.702	5571.209	5588.911	---	PASS
	Ant2	5580	17.662	5571.289	5588.951	---	PASS
	Ant1	5700	17.862	5691.009	5708.871	---	PASS
	Ant2	5700	17.782	5691.129	5708.911	---	PASS

	Ant1	5720	17.822	5711.049	5728.871	---	PASS
	Ant2	5720	17.582	5711.209	5728.791	---	PASS
	Ant1	5720_UNII-2C	13.951	5711.049	5725	---	PASS
	Ant2	5720_UNII-2C	13.791	5711.209	5725	---	PASS
	Ant1	5720_UNII-3	3.871	5725	5728.871	---	PASS
	Ant2	5720_UNII-3	3.791	5725	5728.791	---	PASS
	Ant1	5745	17.782	5736.089	5753.871	---	PASS
	Ant2	5745	17.702	5736.089	5753.791	---	PASS
	Ant1	5785	17.782	5776.129	5793.911	---	PASS
	Ant2	5785	17.622	5776.169	5793.791	---	PASS
	Ant1	5825	17.782	5816.209	5833.991	---	PASS
	Ant2	5825	17.662	5816.289	5833.951	---	PASS
11N40MIMO	Ant1	5190	36.124	5171.938	5208.062	---	PASS
	Ant2	5190	36.124	5171.938	5208.062	---	PASS
	Ant1	5230	36.284	5211.938	5248.222	---	PASS
	Ant2	5230	36.284	5212.018	5248.302	---	PASS
	Ant1	5270	36.204	5252.018	5288.222	---	PASS
	Ant2	5270	36.204	5252.018	5288.222	---	PASS
	Ant1	5310	36.364	5291.938	5328.302	---	PASS
	Ant2	5310	36.284	5291.938	5328.222	---	PASS
	Ant1	5510	36.124	5492.018	5528.142	---	PASS
	Ant2	5510	36.044	5492.098	5528.142	---	PASS
	Ant1	5550	36.124	5531.938	5568.062	---	PASS
	Ant2	5550	36.124	5532.018	5568.142	---	PASS
	Ant1	5670	36.364	5651.938	5688.302	---	PASS
	Ant2	5670	36.124	5652.018	5688.142	---	PASS
	Ant1	5710	36.284	5691.778	5728.062	---	PASS
	Ant2	5710	36.044	5691.938	5727.982	---	PASS
	Ant1	5710_UNII-2C	33.222	5691.778	5725	---	PASS
	Ant2	5710_UNII-2C	33.062	5691.938	5725	---	PASS
	Ant1	5710_UNII-3	3.062	5725	5728.062	---	PASS
	Ant2	5710_UNII-3	2.982	5725	5727.982	---	PASS
	Ant1	5755	36.284	5736.938	5773.222	---	PASS
	Ant2	5755	36.204	5736.858	5773.062	---	PASS
	Ant1	5795	36.124	5777.018	5813.142	---	PASS
	Ant2	5795	36.204	5776.938	5813.142	---	PASS
11AC80MIMO	Ant1	5210	75.924	5171.958	5247.882	---	PASS
	Ant2	5210	75.924	5172.118	5248.042	---	PASS
	Ant1	5290	75.764	5252.278	5328.042	---	PASS
	Ant2	5290	75.445	5252.278	5327.722	---	PASS
	Ant1	5530	75.604	5492.278	5567.882	---	PASS
	Ant2	5530	75.445	5492.278	5567.722	---	PASS
	Ant1	5610	75.764	5571.958	5647.722	---	PASS
	Ant2	5610	75.924	5571.958	5647.882	---	PASS
	Ant1	5690	75.604	5652.278	5727.882	---	PASS
	Ant2	5690	75.445	5652.438	5727.882	---	PASS
	Ant1	5690_UNII-2C	72.722	5652.278	5725	---	PASS
	Ant2	5690_UNII-2C	72.562	5652.438	5725	---	PASS
	Ant1	5690_UNII-3	2.882	5725	5727.882	---	PASS
	Ant2	5690_UNII-	2.882	5725	5727.882	---	PASS

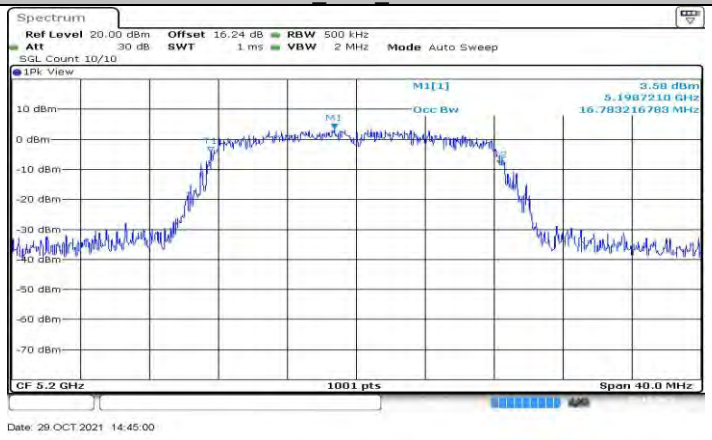
		3					
	Ant1	5775	76.084	5737.118	5813.202	---	PASS
	Ant2	5775	76.084	5737.118	5813.202	---	PASS

12.2.2. Test Graphs

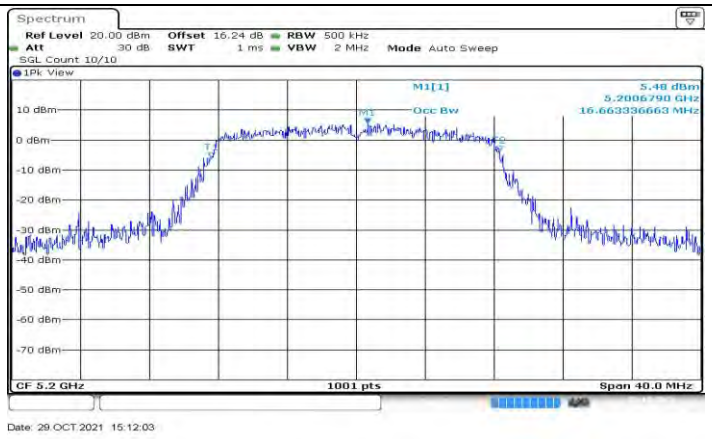


11A_Ant1_5180

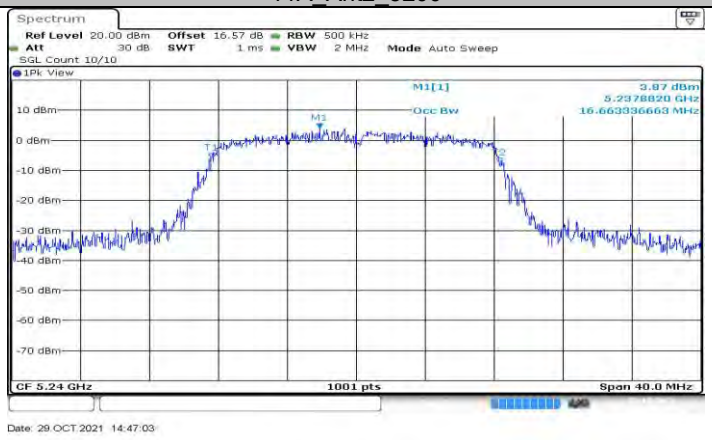
11A_Ant2_5180



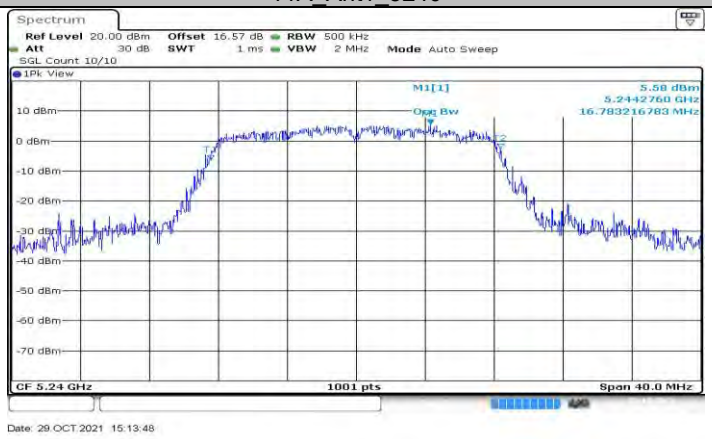
11A_Ant1_5200



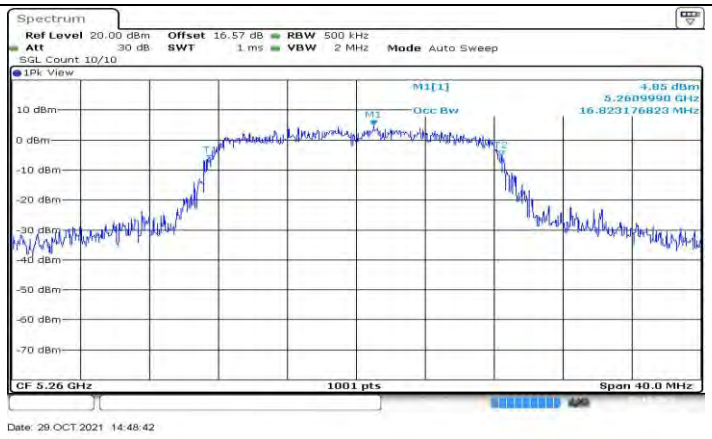
11A_Ant2_5200



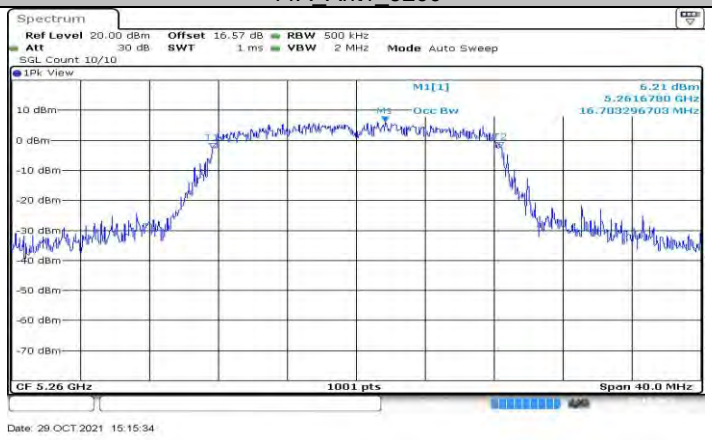
11A_Ant1_5240



11A_Ant2_5240



11A_Ant1_5260



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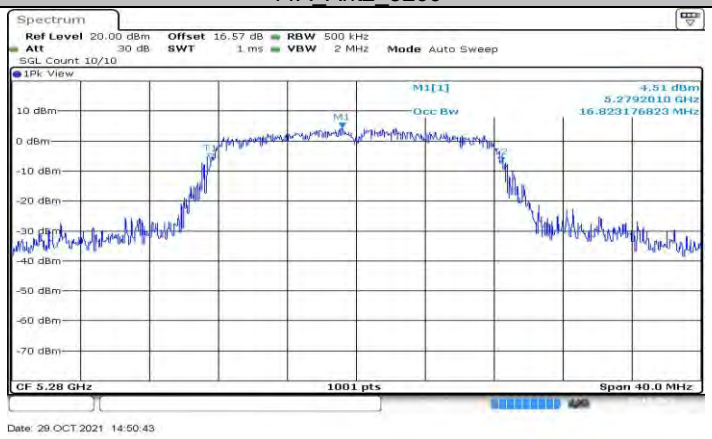
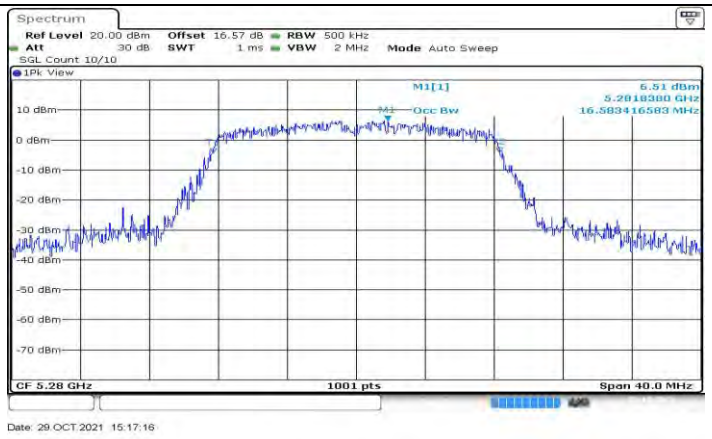


11A_Ant1_5280



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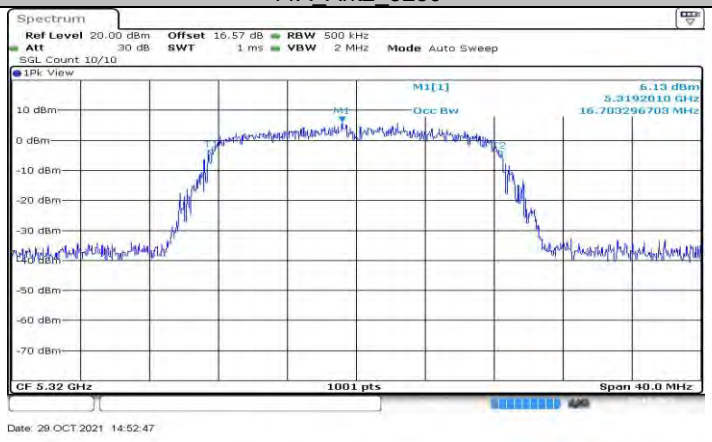

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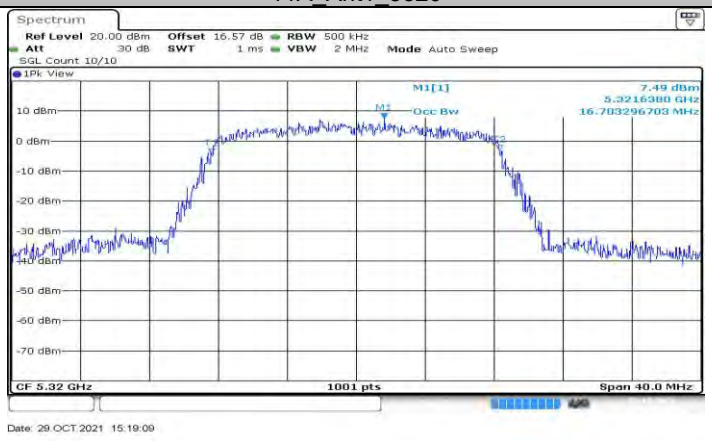
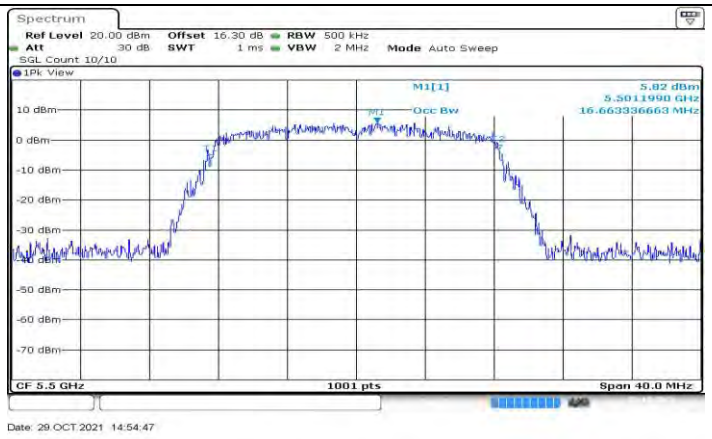


11A_Ant2_5320



11A_Ant1_5500

11A_Ant2_5500

11A_Ant1_5580