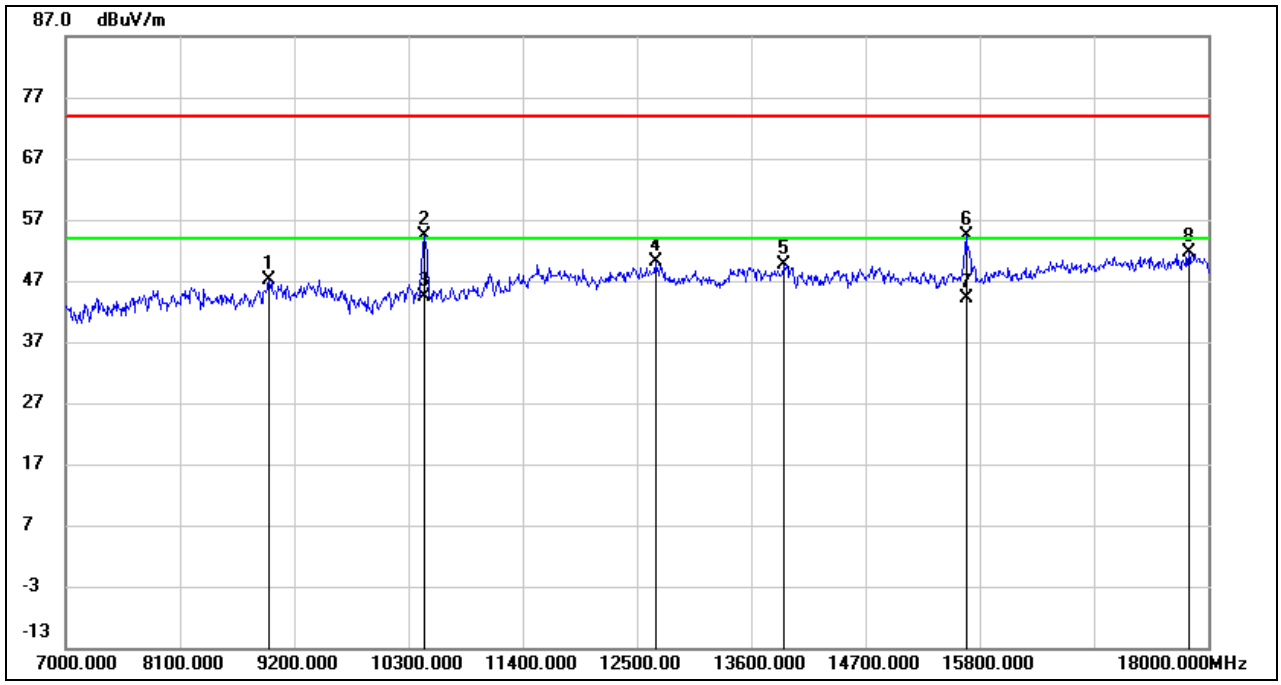
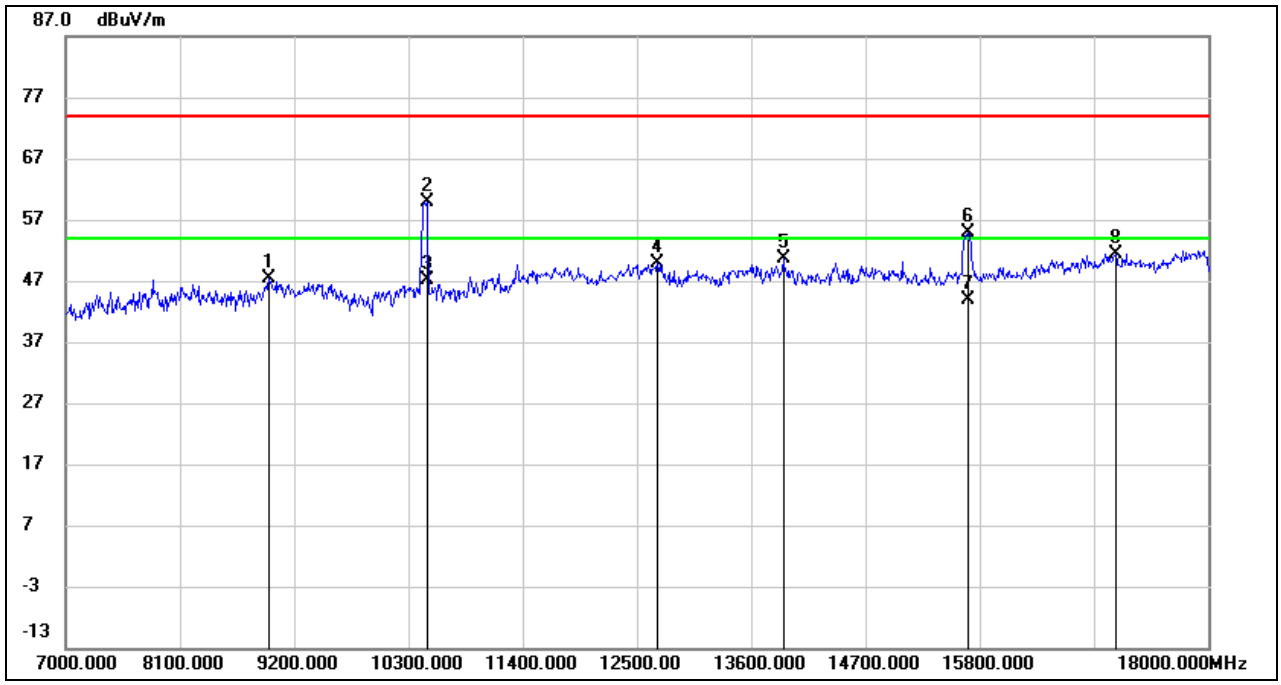
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8965.700	36.92	10.27	47.19	74.00	-26.81	peak
2	10462.800	42.57	11.77	54.34	74.00	-19.66	peak
3	10462.800	32.50	11.77	44.27	54.00	-9.73	AVG
4	12681.500	34.58	15.44	50.02	74.00	-23.98	peak
5	13922.300	32.86	16.89	49.75	74.00	-24.25	peak
6	15673.500	37.52	16.74	54.26	74.00	-19.74	peak
7	15673.500	27.51	16.74	44.25	54.00	-9.75	AVG
8	17821.800	29.00	22.71	51.71	74.00	-22.29	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

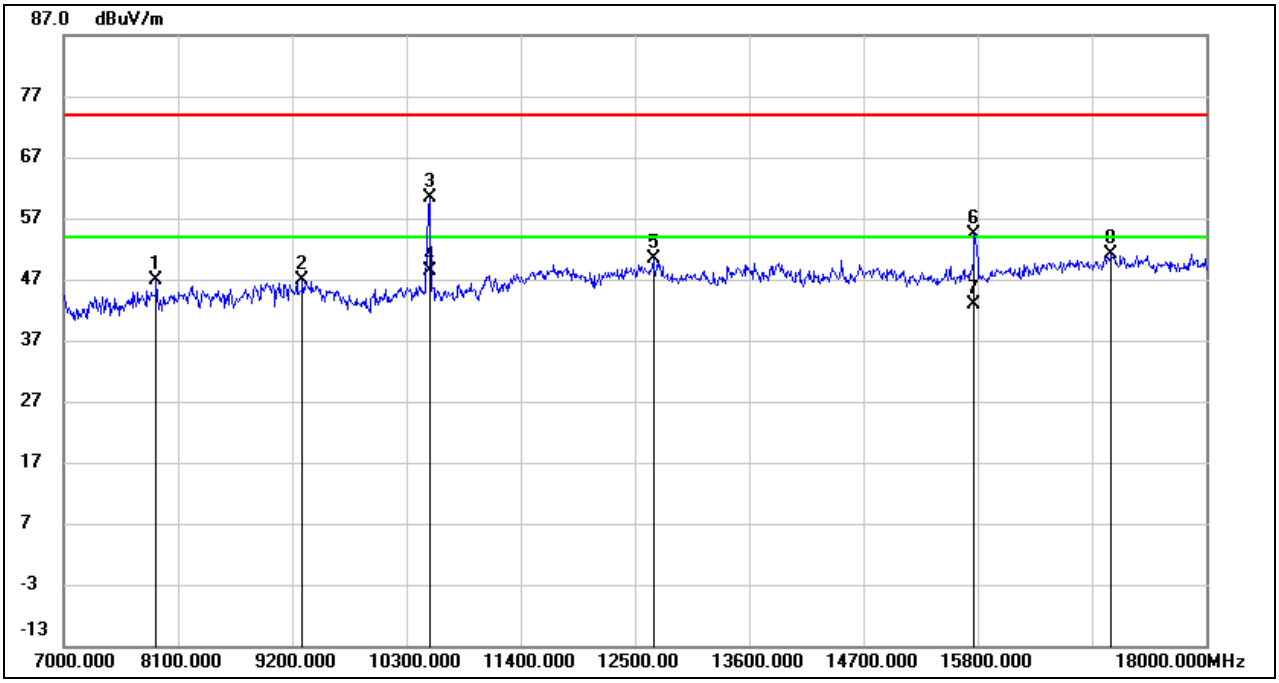


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8960.200	37.22	10.21	47.43	74.00	-26.57	peak
2	10481.500	48.11	11.87	59.98	74.00	-14.02	peak
3	10481.500	35.28	11.87	47.15	54.00	-6.85	AVG
4	12702.400	34.43	15.47	49.90	74.00	-24.10	peak
5	13913.500	33.70	16.90	50.60	74.00	-23.40	peak
6	15698.800	38.06	16.76	54.82	74.00	-19.18	peak
7	15698.800	27.18	16.76	43.94	54.00	-10.06	AVG
8	17109.000	30.71	20.67	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.

UNII-2A BAND

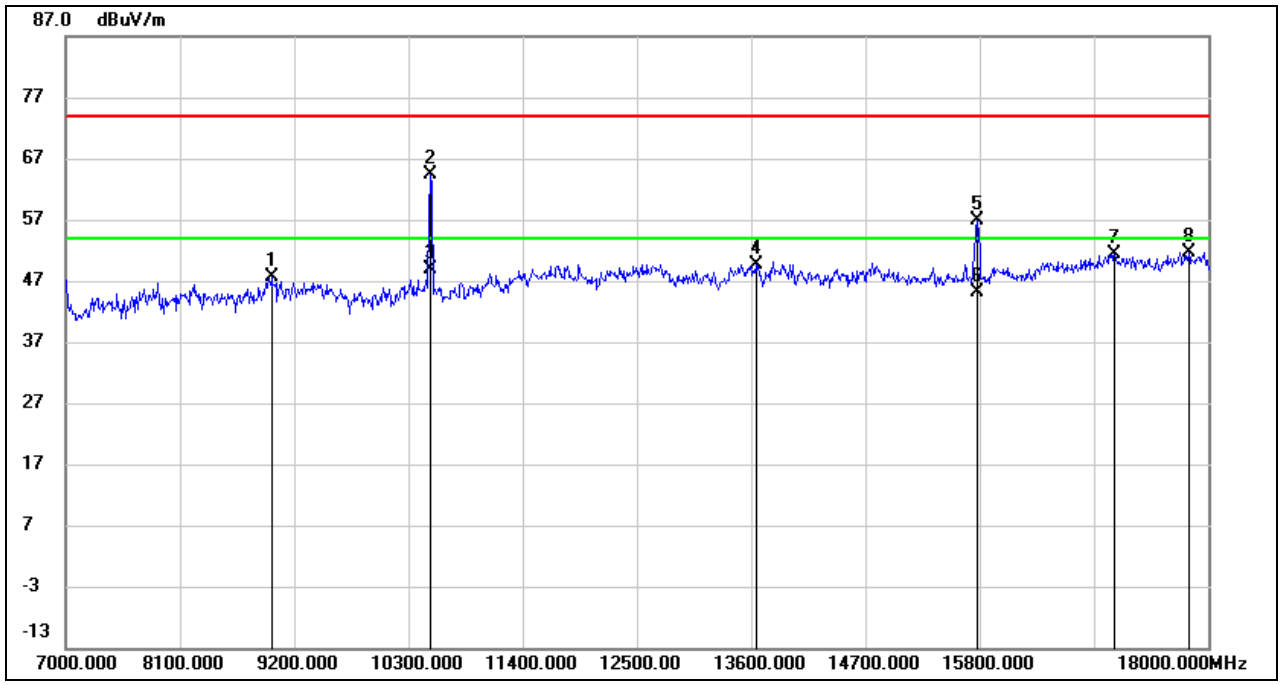
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7896.500	38.98	7.97	46.95	74.00	-27.05	peak
2	9305.600	37.13	9.82	46.95	74.00	-27.05	peak
3	10522.200	48.45	12.04	60.49	74.00	-13.51	peak
4	10522.200	36.22	12.04	48.26	54.00	-5.74	AVG
5	12676.000	35.02	15.42	50.44	74.00	-23.56	peak
6	15773.600	37.69	16.81	54.50	74.00	-19.50	peak
7	15773.600	26.09	16.81	42.90	54.00	-11.10	AVG
8	17089.200	30.52	20.59	51.11	74.00	-22.89	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.

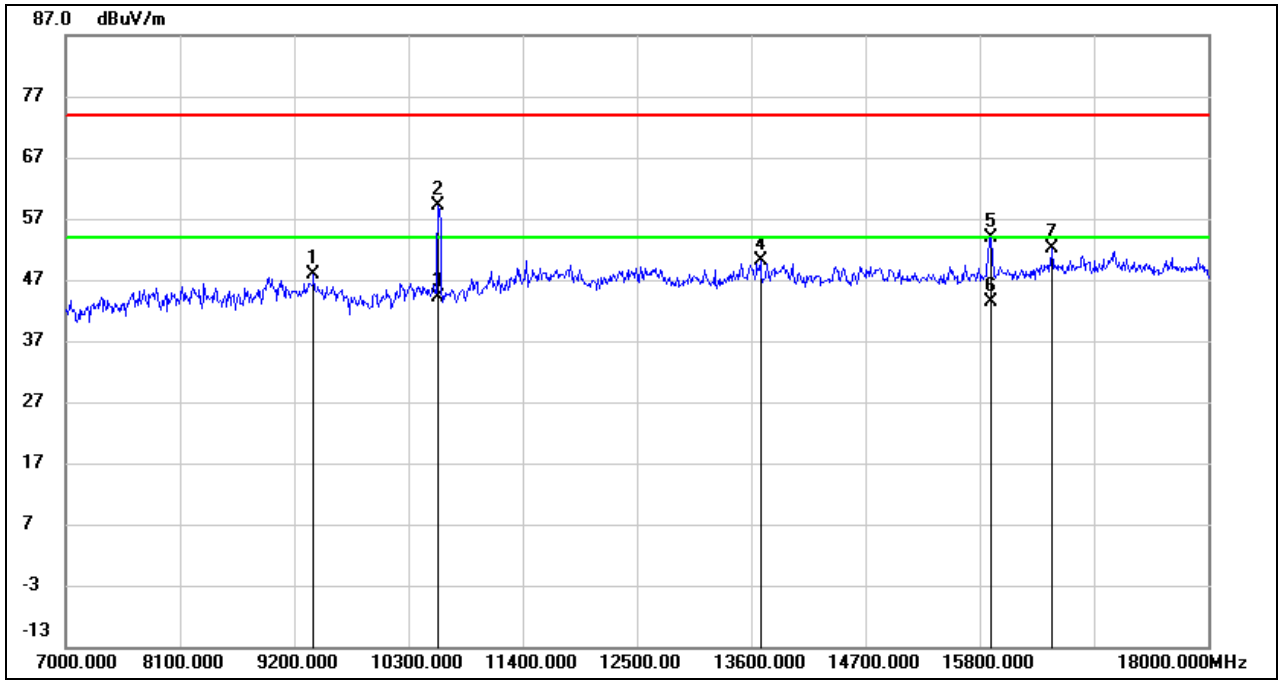
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8983.300	37.15	10.46	47.61	74.00	-26.39	peak
2	10515.600	52.28	12.02	64.30	74.00	-9.70	peak
3	10515.600	36.92	12.02	48.94	54.00	-5.06	AVG
4	13649.500	33.10	16.56	49.66	74.00	-24.34	peak
5	15779.100	40.15	16.82	56.97	74.00	-17.03	peak
6	15779.100	28.39	16.82	45.21	54.00	-8.79	AVG
7	17105.700	30.66	20.65	51.31	74.00	-22.69	peak
8	17816.300	28.93	22.71	51.64	74.00	-22.36	peak

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

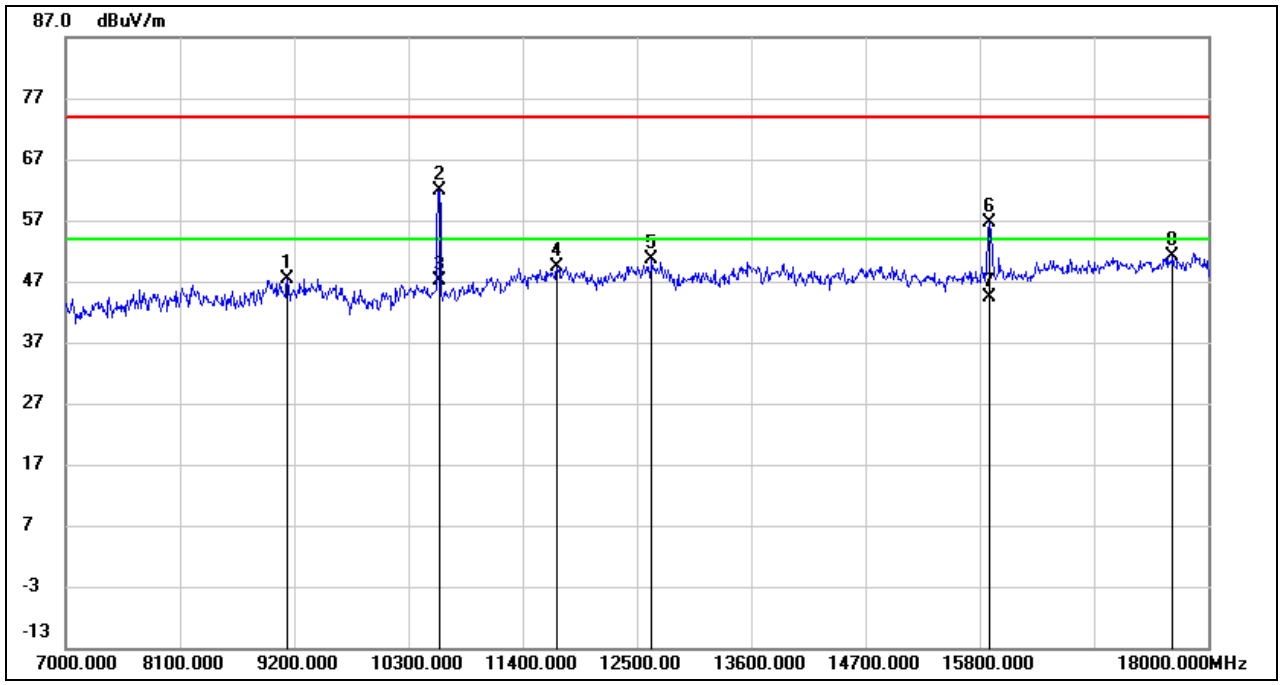
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9394.700	37.48	10.29	47.77	74.00	-26.23	peak
2	10595.900	46.67	12.35	59.02	74.00	-14.98	peak
3	10595.900	31.83	12.35	44.18	54.00	-9.82	AVG
4	13694.600	33.41	16.68	50.09	74.00	-23.91	peak
5	15913.300	36.88	17.06	53.94	74.00	-20.06	peak
6	15913.300	26.21	17.06	43.27	54.00	-10.73	AVG
7	16500.700	32.96	19.13	52.09	74.00	-21.91	peak

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

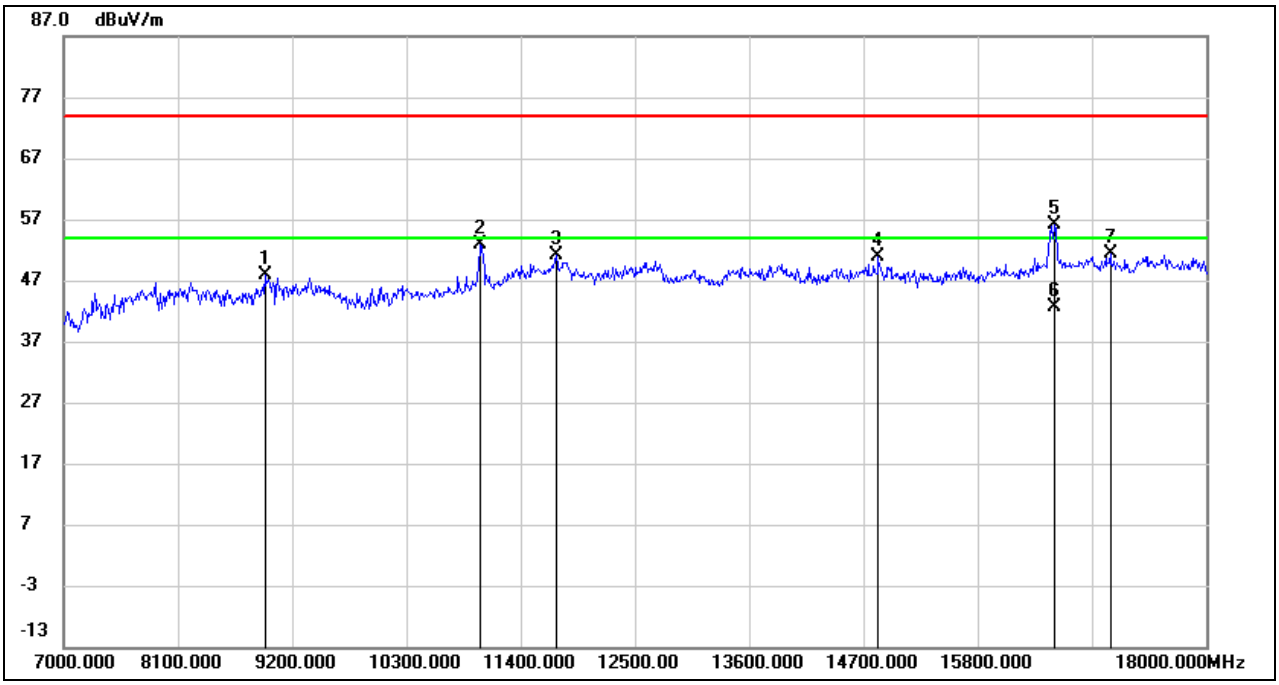


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9138.400	37.74	9.70	47.44	74.00	-26.56	peak
2	10598.100	49.64	12.36	62.00	74.00	-12.00	peak
3	10598.100	34.75	12.36	47.11	54.00	-6.89	AVG
4	11734.400	34.13	15.25	49.38	74.00	-24.62	peak
5	12648.500	35.36	15.38	50.74	74.00	-23.26	peak
6	15908.900	39.66	17.05	56.71	74.00	-17.29	peak
7	15908.900	27.44	17.05	44.49	54.00	-9.51	AVG
8	17666.700	29.48	21.68	51.16	74.00	-22.84	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-2C BAND

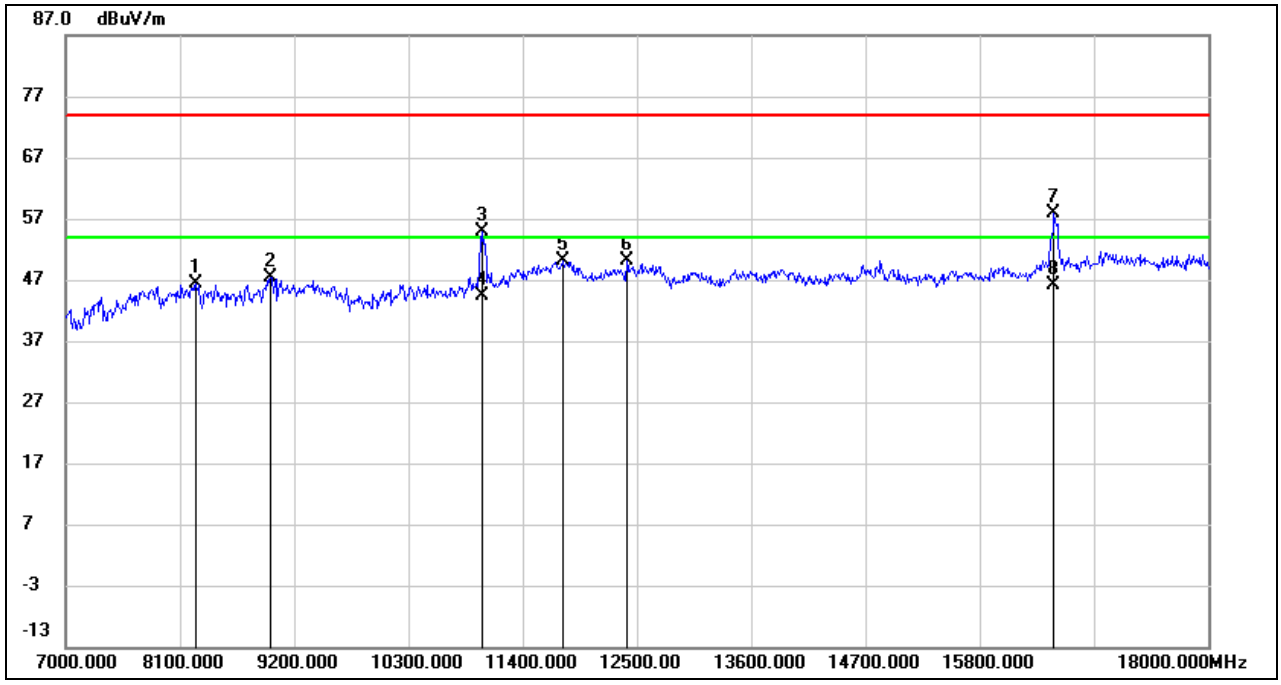
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8941.500	37.82	10.01	47.83	74.00	-26.17	peak
2	11017.200	39.48	13.29	52.77	74.00	-21.23	peak
3	11743.750	35.77	15.30	51.07	74.00	-22.93	peak
4	14850.700	34.02	16.83	50.85	74.00	-23.15	peak
5	16544.150	36.73	19.31	56.04	74.00	-17.96	peak
6	16544.150	23.20	19.31	42.51	54.00	-11.49	AVG
7	17080.400	30.91	20.55	51.46	74.00	-22.54	peak

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

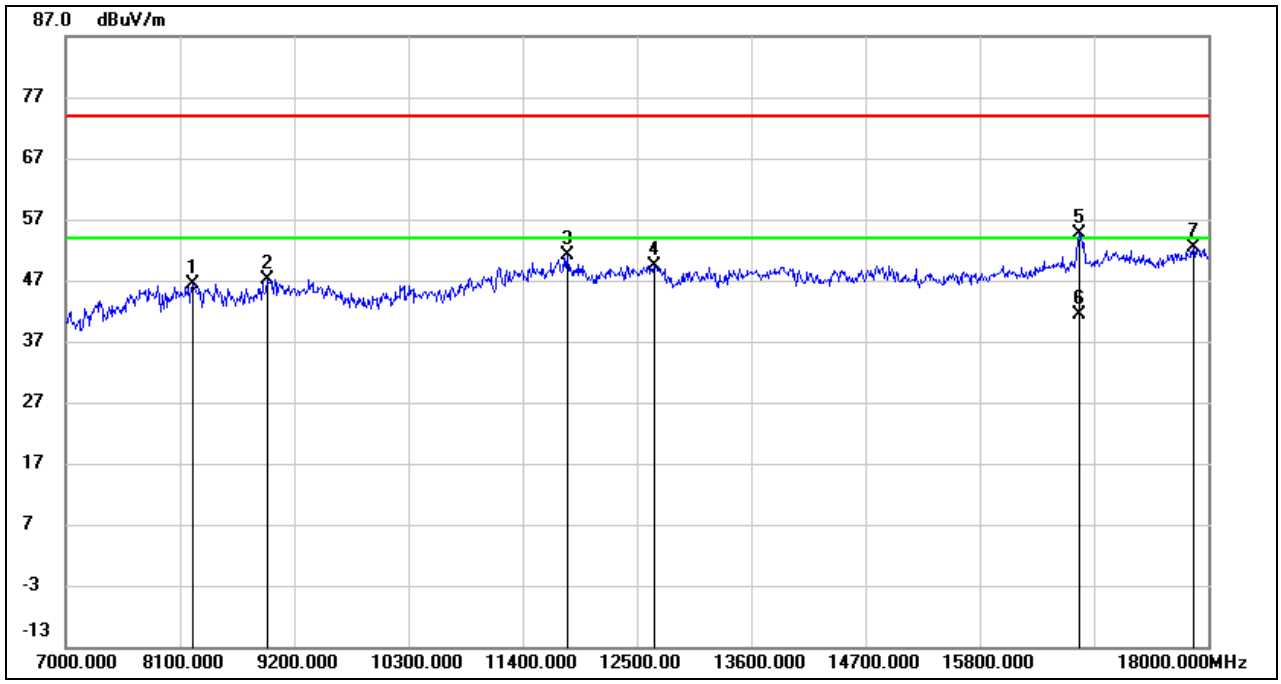
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8264.450	37.26	9.11	46.37	74.00	-27.63	peak
2	8972.850	37.06	10.35	47.41	74.00	-26.59	peak
3	11017.750	41.66	13.29	54.95	74.00	-19.05	peak
4	11017.750	31.06	13.29	44.35	54.00	-9.65	AVG
5	11785.000	34.62	15.52	50.14	74.00	-23.86	peak
6	12405.950	34.70	15.50	50.20	74.00	-23.80	peak
7	16522.700	38.61	19.21	57.82	74.00	-16.18	peak
8	16522.700	26.88	19.21	46.09	54.00	-7.91	AVG

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

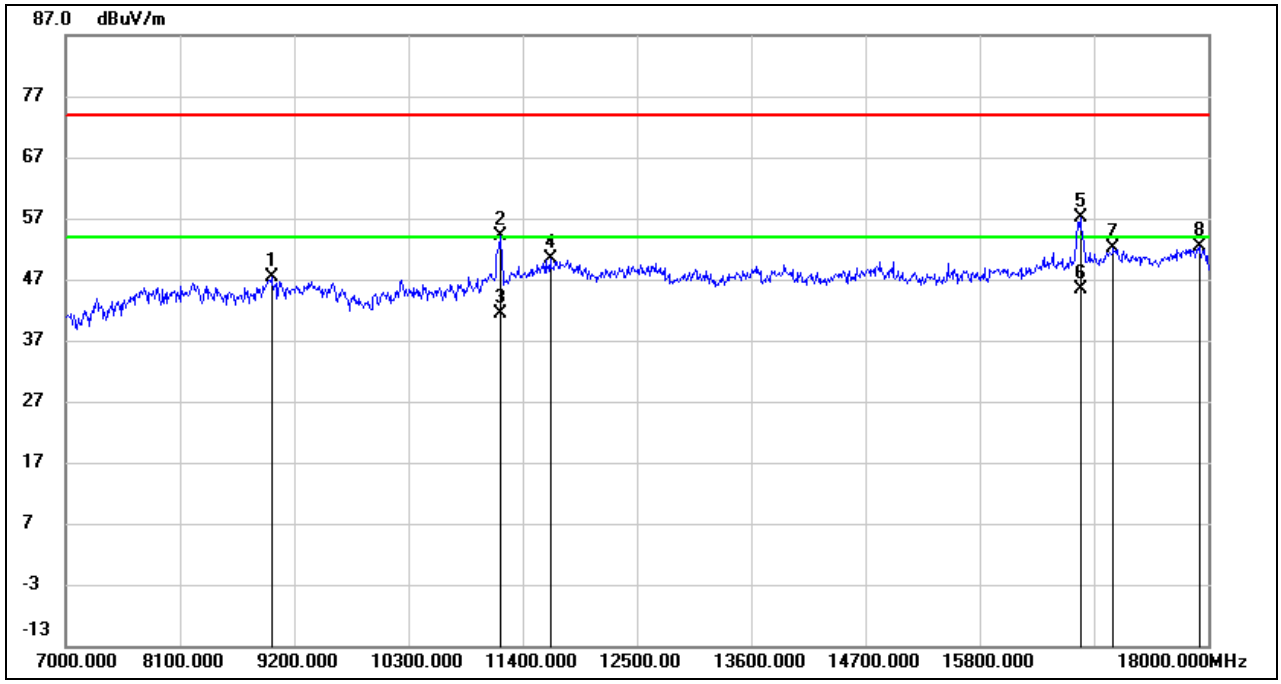
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8230.900	37.06	9.24	46.30	74.00	-27.70	peak
2	8941.500	37.19	10.01	47.20	74.00	-26.80	peak
3	11833.950	35.61	15.55	51.16	74.00	-22.84	peak
4	12675.450	34.06	15.42	49.48	74.00	-24.52	peak
5	16757.550	34.99	19.70	54.69	74.00	-19.31	peak
6	16757.550	21.74	19.70	41.44	54.00	-12.56	AVG
7	17865.250	29.56	22.70	52.26	74.00	-21.74	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

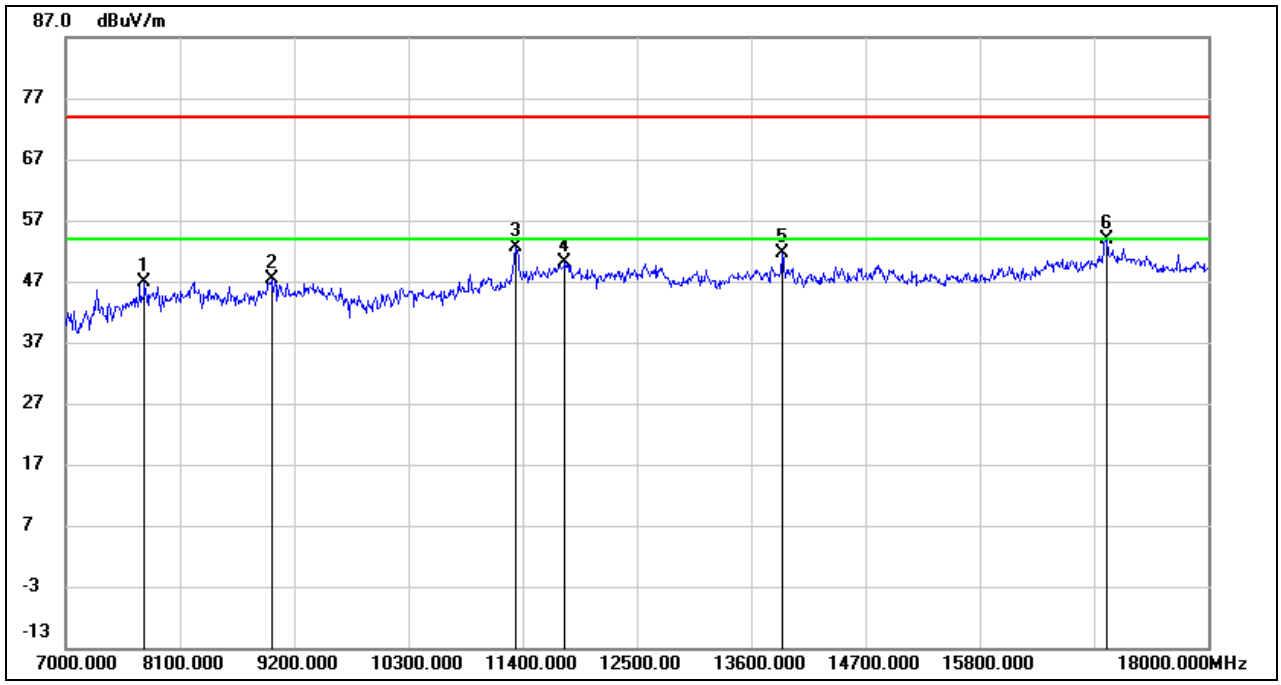
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.550	36.87	10.42	47.29	74.00	-26.71	peak
2	11187.150	40.59	13.61	54.20	74.00	-19.80	peak
3	11187.150	27.78	13.61	41.39	54.00	-12.61	AVG
4	11665.650	35.46	14.88	50.34	74.00	-23.66	peak
5	16768.550	37.43	19.70	57.13	74.00	-16.87	peak
6	16768.550	25.68	19.70	45.38	54.00	-8.62	AVG
7	17095.250	31.42	20.62	52.04	74.00	-21.96	peak
8	17916.400	29.76	22.69	52.45	74.00	-21.55	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.

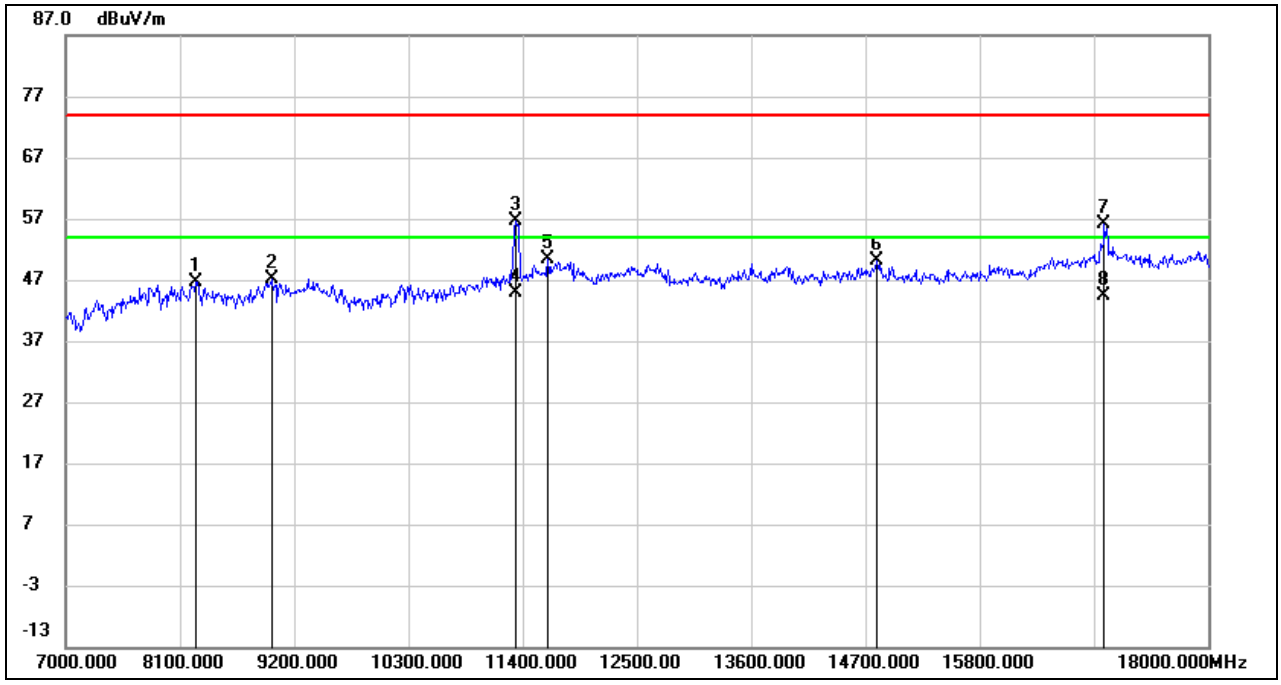
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7761.750	38.74	8.10	46.84	74.00	-27.16	peak
2	8988.250	36.78	10.51	47.29	74.00	-26.71	peak
3	11336.750	38.66	14.04	52.70	74.00	-21.30	peak
4	11810.300	34.47	15.60	50.07	74.00	-23.93	peak
5	13905.250	34.73	16.90	51.63	74.00	-22.37	peak
6	17024.300	33.48	20.33	53.81	74.00	-20.19	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

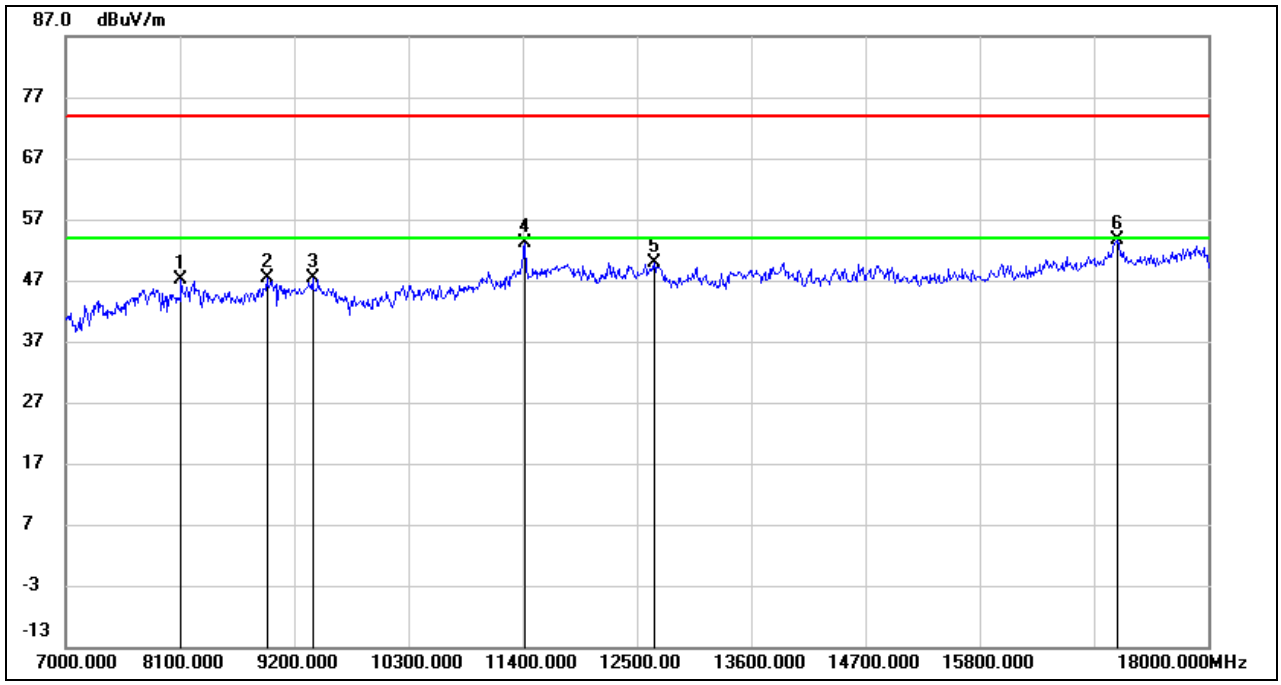


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8264.450	37.49	9.11	46.60	74.00	-27.40	peak
2	8989.350	36.64	10.52	47.16	74.00	-26.84	peak
3	11340.050	42.57	14.04	56.61	74.00	-17.39	peak
4	11340.050	30.74	14.04	44.78	54.00	-9.22	AVG
5	11644.200	35.54	14.75	50.29	74.00	-23.71	peak
6	14812.750	33.39	16.81	50.20	74.00	-23.80	peak
7	17007.250	35.95	20.26	56.21	74.00	-17.79	peak
8	17007.250	24.20	20.26	44.46	54.00	-9.54	AVG

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

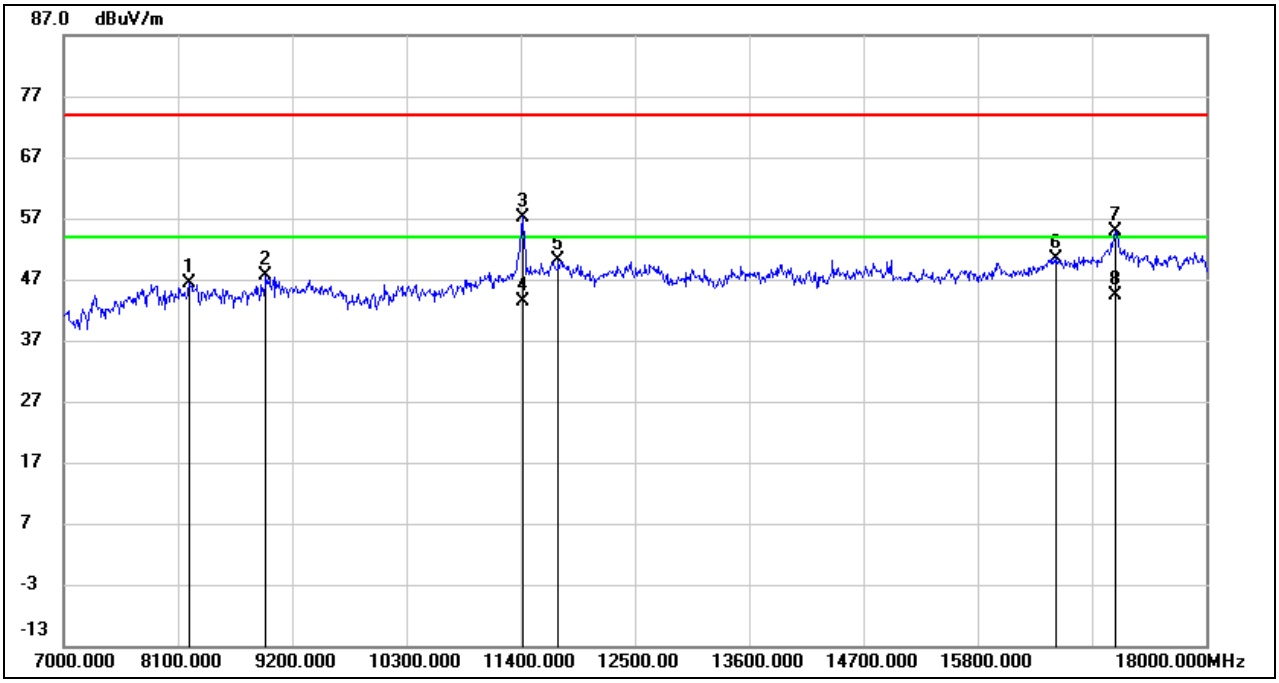
HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8121.450	38.32	8.70	47.02	74.00	-26.98	peak
2	8940.950	37.45	10.00	47.45	74.00	-26.55	peak
3	9378.200	37.30	10.20	47.50	74.00	-26.50	peak
4	11424.200	38.82	14.25	53.07	74.00	-20.93	peak
5	12665.550	34.57	15.41	49.98	74.00	-24.02	peak
6	17133.200	32.90	20.77	53.67	74.00	-20.33	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)

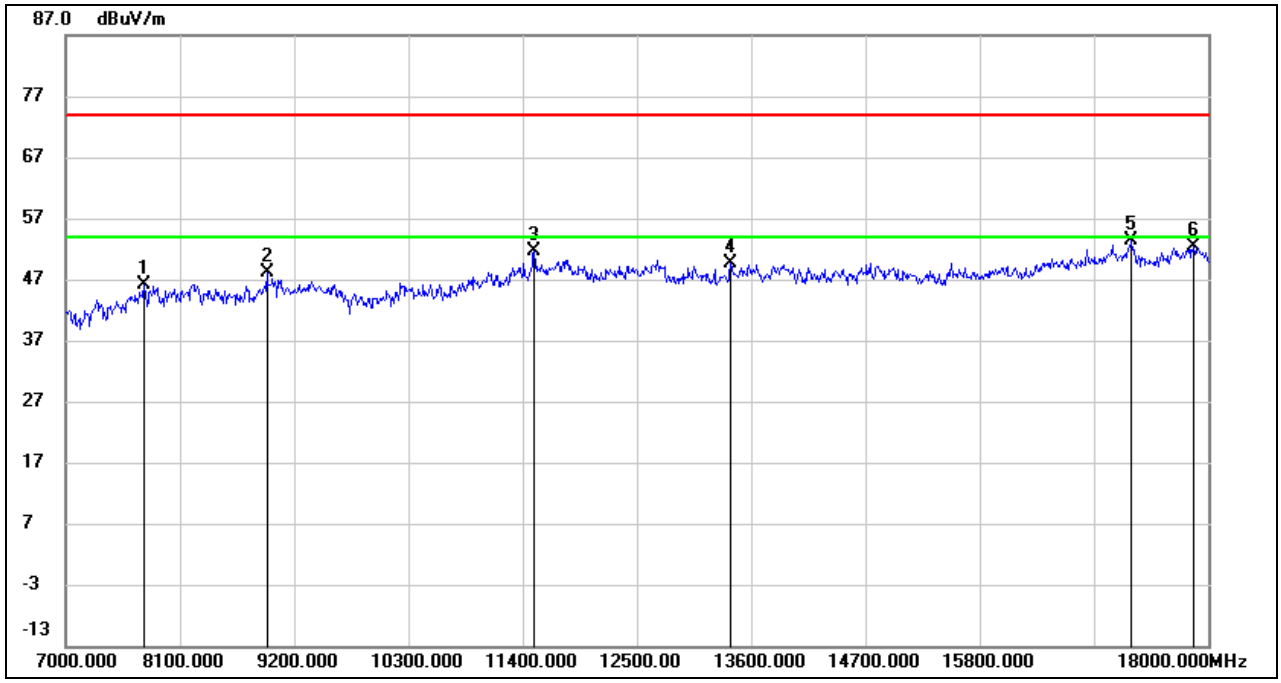


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8220.450	37.07	9.29	46.36	74.00	-27.64	peak
2	8948.650	37.65	10.09	47.74	74.00	-26.26	peak
3	11422.550	43.00	14.25	57.25	74.00	-16.75	peak
4	11422.550	29.21	14.25	43.46	54.00	-10.54	AVG
5	11763.550	34.78	15.41	50.19	74.00	-23.81	peak
6	16562.300	31.12	19.38	50.50	74.00	-23.50	peak
7	17122.200	34.17	20.73	54.90	74.00	-19.10	peak
8	17122.200	23.59	20.73	44.32	54.00	-9.68	AVG

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

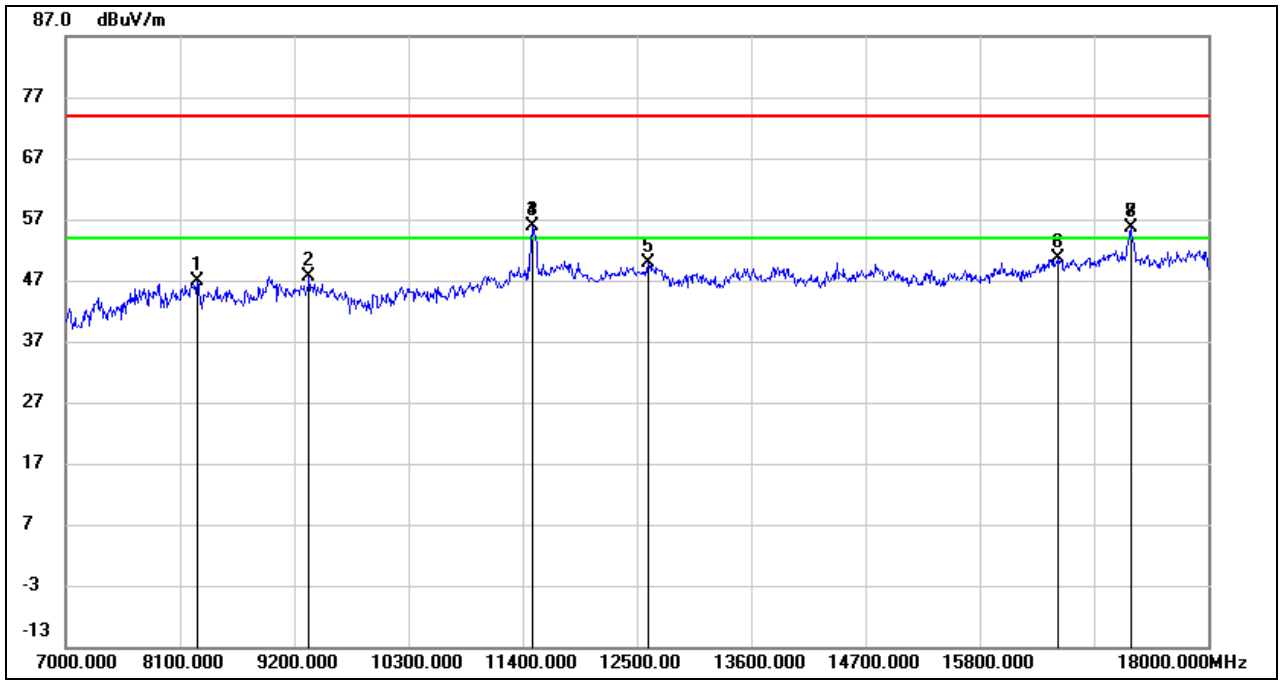
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7751.850	38.15	8.06	46.21	74.00	-27.79	peak
2	8943.700	38.05	10.03	48.08	74.00	-25.92	peak
3	11519.350	37.29	14.38	51.67	74.00	-22.33	peak
4	13410.800	33.20	16.32	49.52	74.00	-24.48	peak
5	17265.750	32.47	20.94	53.41	74.00	-20.59	peak
6	17857.000	29.67	22.70	52.37	74.00	-21.63	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

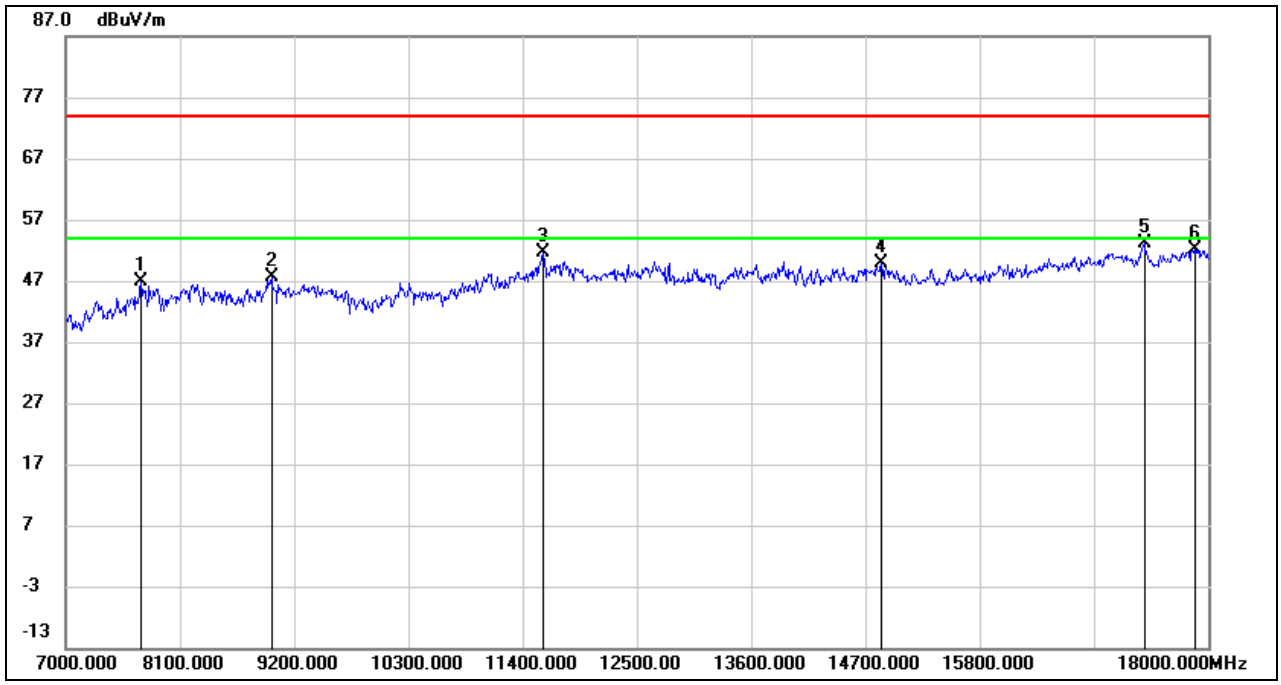
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.550	37.85	9.11	46.96	74.00	-27.04	peak
2	9343.550	37.72	10.02	47.74	74.00	-26.26	peak
3	11499.000	41.55	14.36	55.91	74.00	-18.09	peak
4	11499.000	41.55	14.36	55.91	74.00	-18.09	peak
5	12614.950	34.60	15.31	49.91	74.00	-24.09	peak
6	16553.500	31.34	19.34	50.68	74.00	-23.32	peak
7	17257.500	34.65	20.96	55.61	74.00	-18.39	peak
8	17257.500	34.65	20.96	55.61	74.00	-18.39	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.

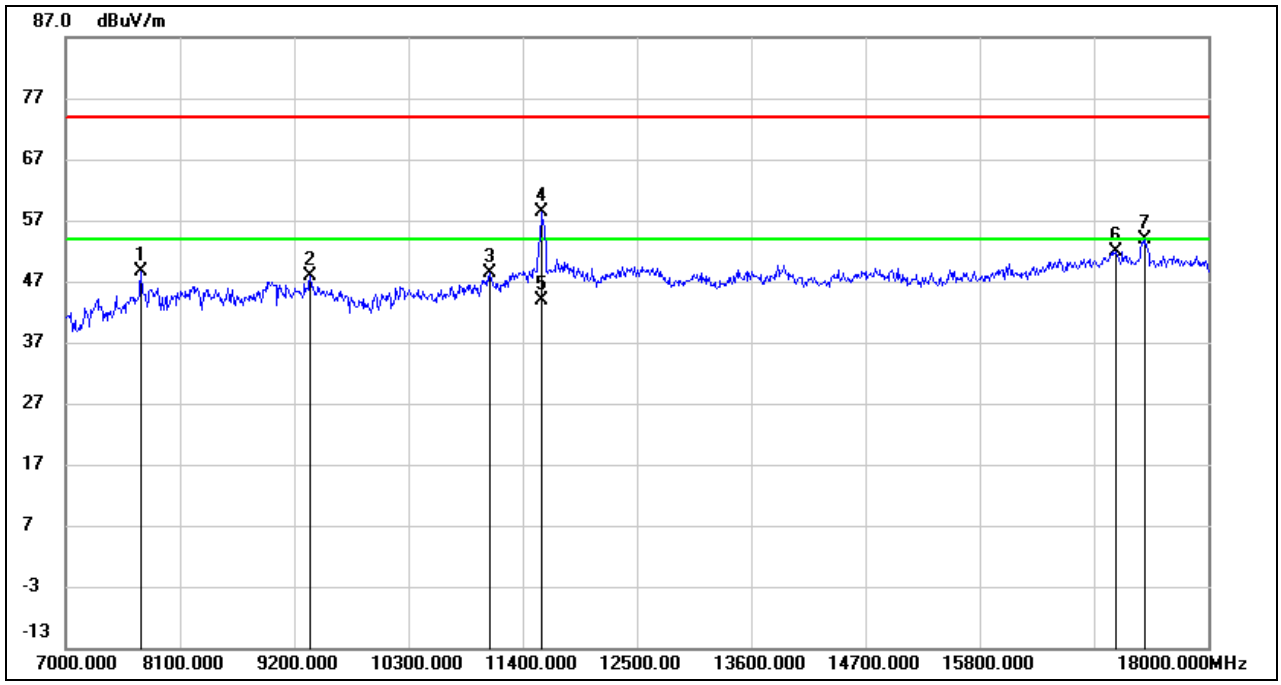
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.550	38.92	7.96	46.88	74.00	-27.12	peak
2	8980.550	37.24	10.42	47.66	74.00	-26.34	peak
3	11604.050	37.13	14.54	51.67	74.00	-22.33	peak
4	14855.100	33.15	16.82	49.97	74.00	-24.03	peak
5	17389.500	32.43	20.75	53.18	74.00	-20.82	peak
6	17871.300	29.53	22.70	52.23	74.00	-21.77	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)



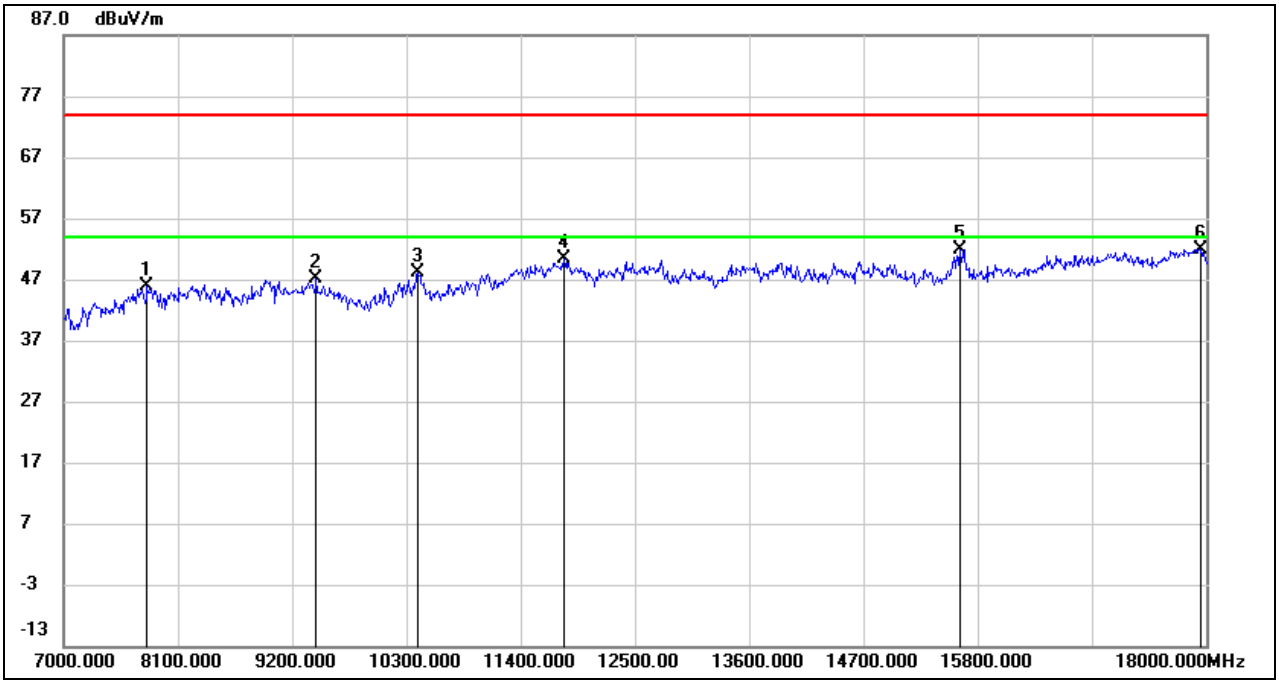
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.550	40.67	7.96	48.63	74.00	-25.37	peak
2	9355.650	37.85	10.08	47.93	74.00	-26.07	peak
3	11090.900	35.06	13.43	48.49	74.00	-25.51	peak
4	11595.250	43.75	14.51	58.26	74.00	-15.74	peak
5	11595.250	29.33	14.51	43.84	54.00	-10.16	AVG
6	17112.300	31.18	20.68	51.86	74.00	-22.14	peak
7	17388.950	33.08	20.75	53.83	74.00	-20.17	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

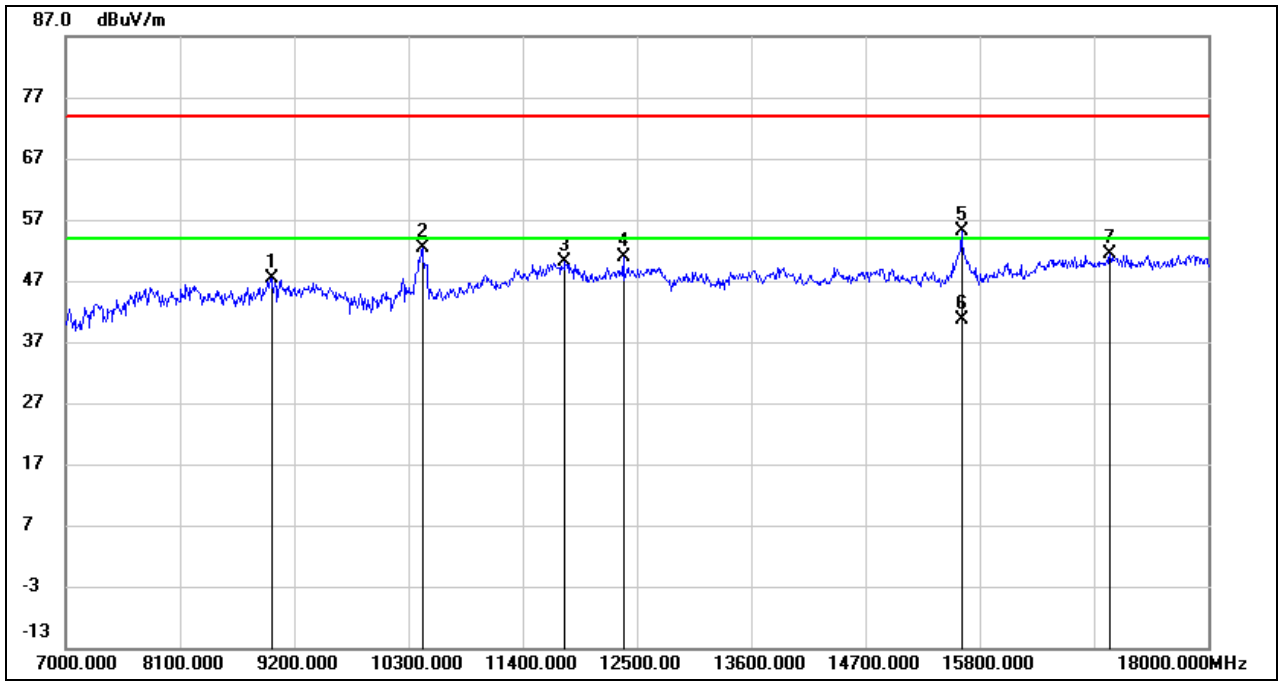
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7807.950	37.72	8.23	45.95	74.00	-28.05	peak
2	9441.450	36.73	10.37	47.10	74.00	-26.90	peak
3	10411.650	36.71	11.51	48.22	74.00	-25.78	peak
4	11819.650	34.78	15.58	50.36	74.00	-23.64	peak
5	15637.200	35.27	16.72	51.99	74.00	-22.01	peak
6	17945.550	29.24	22.69	51.93	74.00	-22.07	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)

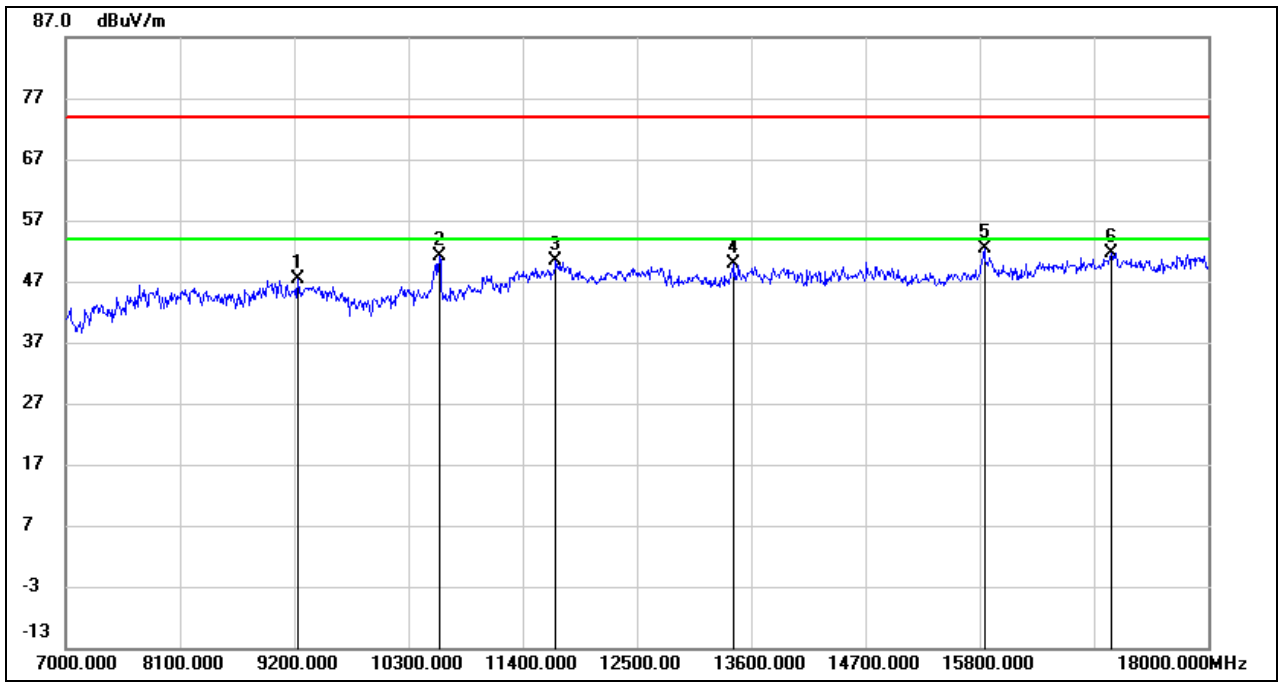


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8986.600	36.95	10.49	47.44	74.00	-26.56	peak
2	10436.400	40.80	11.64	52.44	74.00	-21.56	peak
3	11814.700	34.64	15.58	50.22	74.00	-23.78	peak
4	12371.300	35.37	15.45	50.82	74.00	-23.18	peak
5	15628.400	38.46	16.72	55.18	74.00	-18.82	peak
6	15628.400	23.96	16.72	40.68	54.00	-13.32	AVG
7	17055.100	30.87	20.45	51.32	74.00	-22.68	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/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	9243.450	37.97	9.50	47.47	74.00	-26.53	peak
2	10607.450	38.78	12.37	51.15	74.00	-22.85	peak
3	11721.200	35.24	15.18	50.42	74.00	-23.58	peak
4	13438.300	33.41	16.35	49.76	74.00	-24.24	peak
5	15847.850	35.35	16.93	52.28	74.00	-21.72	peak
6	17069.950	31.00	20.52	51.52	74.00	-22.48	peak

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

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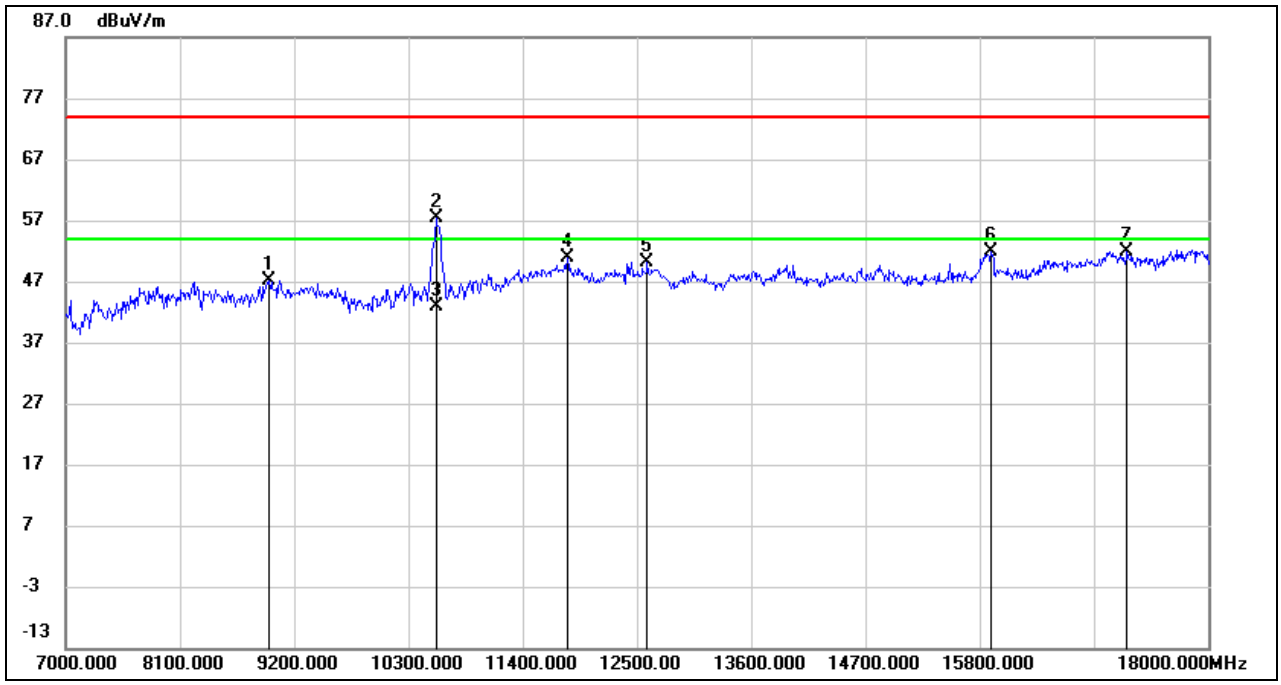
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8967.350	36.82	10.28	47.10	74.00	-26.90	peak
2	10566.750	45.05	12.23	57.28	74.00	-16.72	peak
3	10566.750	30.53	12.23	42.76	54.00	-11.24	AVG
4	11835.600	35.35	15.56	50.91	74.00	-23.09	peak
5	12603.400	34.87	15.29	50.16	74.00	-23.84	peak
6	15913.850	34.91	17.06	51.97	74.00	-22.03	peak
7	17229.450	30.92	20.99	51.91	74.00	-22.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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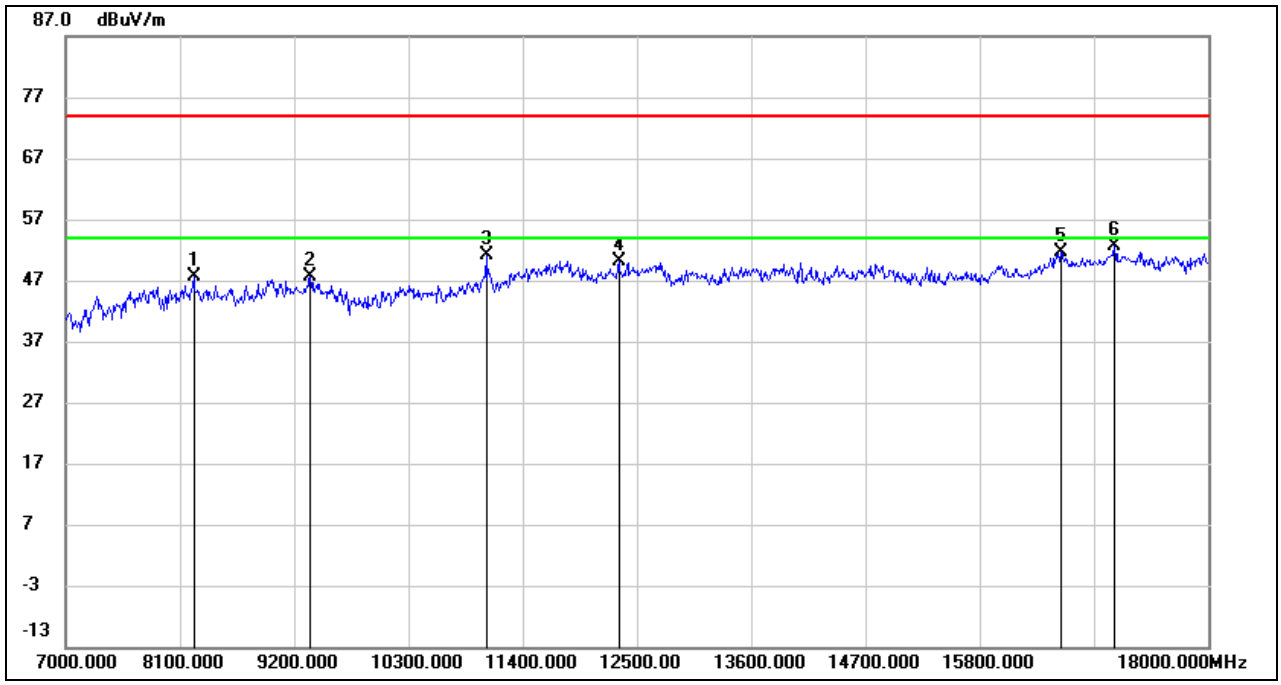
UNII-2C BAND

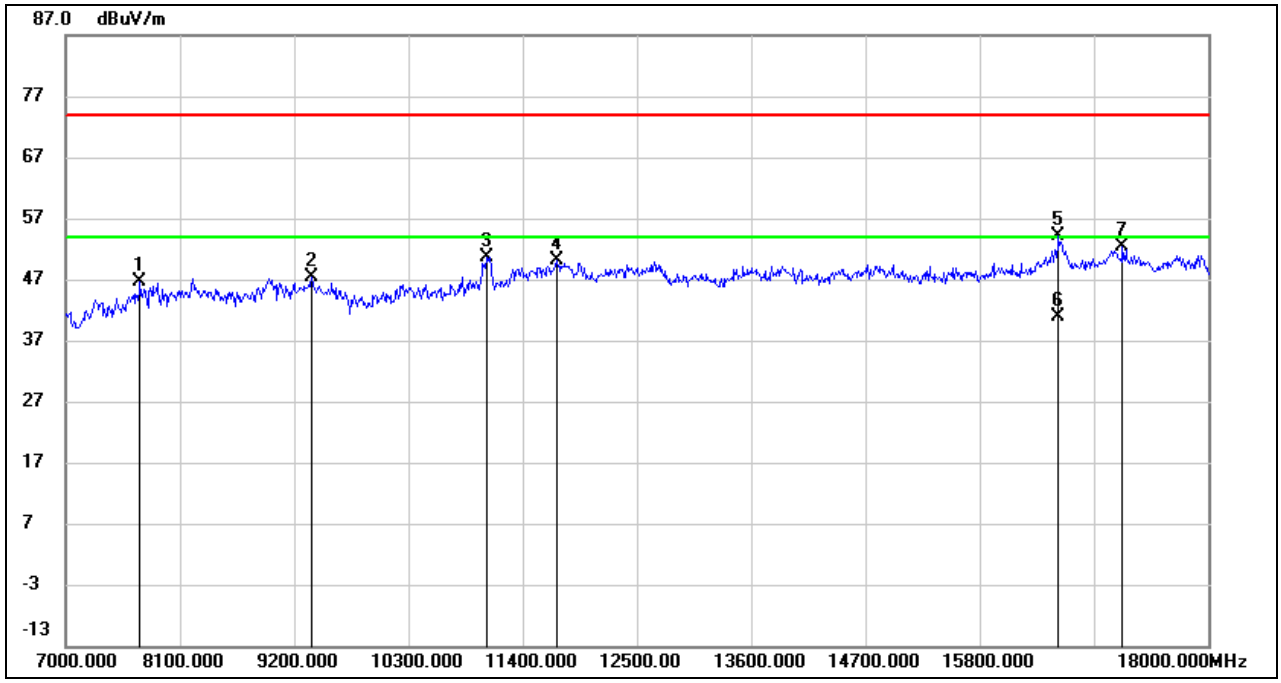
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	38.45	9.23	47.68	74.00	-26.32	peak
2	9355.100	37.45	10.07	47.52	74.00	-26.48	peak
3	11057.350	37.63	13.38	51.01	74.00	-22.99	peak
4	12330.600	34.86	15.37	50.23	74.00	-23.77	peak
5	16585.400	32.14	19.47	51.61	74.00	-22.39	peak
6	17098.550	32.01	20.63	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.

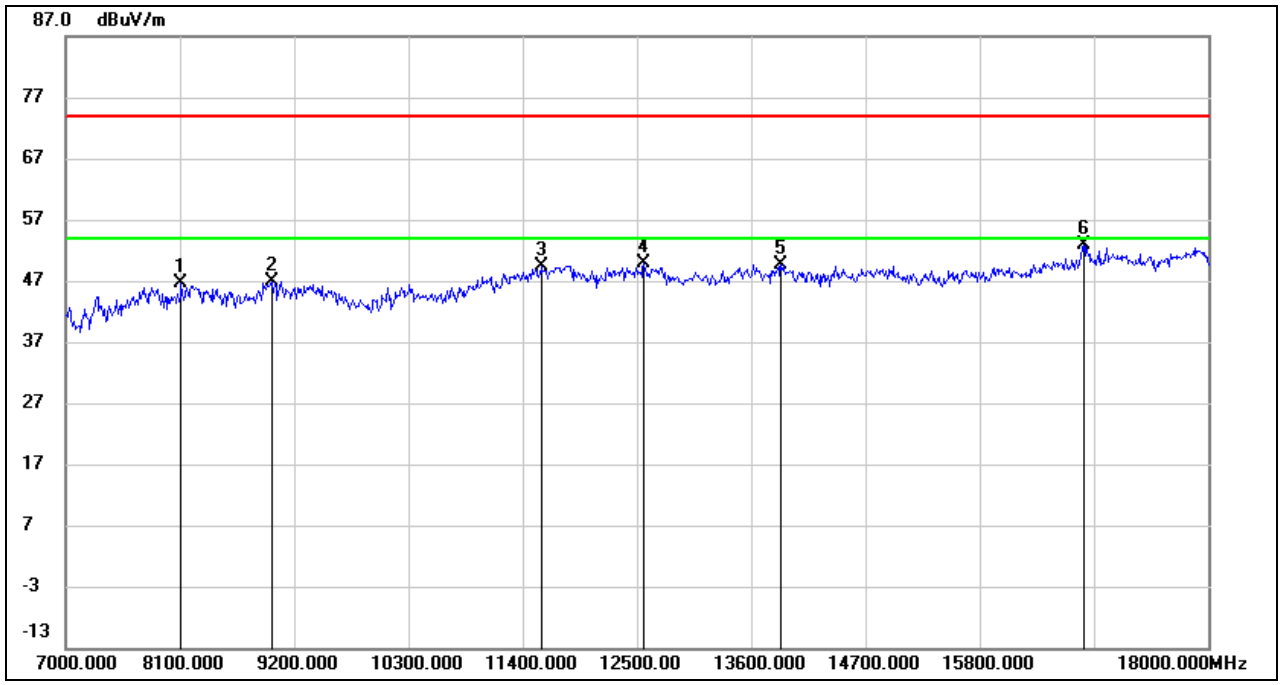
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7715.000	38.79	7.92	46.71	74.00	-27.29	peak
2	9373.250	37.22	10.18	47.40	74.00	-26.60	peak
3	11067.250	37.30	13.38	50.68	74.00	-23.32	peak
4	11734.950	34.81	15.25	50.06	74.00	-23.94	peak
5	16565.600	34.63	19.39	54.02	74.00	-19.98	peak
6	16565.600	21.56	19.39	40.95	54.00	-13.05	AVG
7	17184.900	31.38	20.98	52.36	74.00	-21.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
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	8115.400	38.06	8.64	46.70	74.00	-27.30	peak
2	8982.750	36.52	10.45	46.97	74.00	-27.03	peak
3	11576.000	35.01	14.48	49.49	74.00	-24.51	peak
4	12568.750	34.57	15.32	49.89	74.00	-24.11	peak
5	13890.400	32.66	16.91	49.57	74.00	-24.43	peak
6	16801.550	33.04	19.74	52.78	74.00	-21.22	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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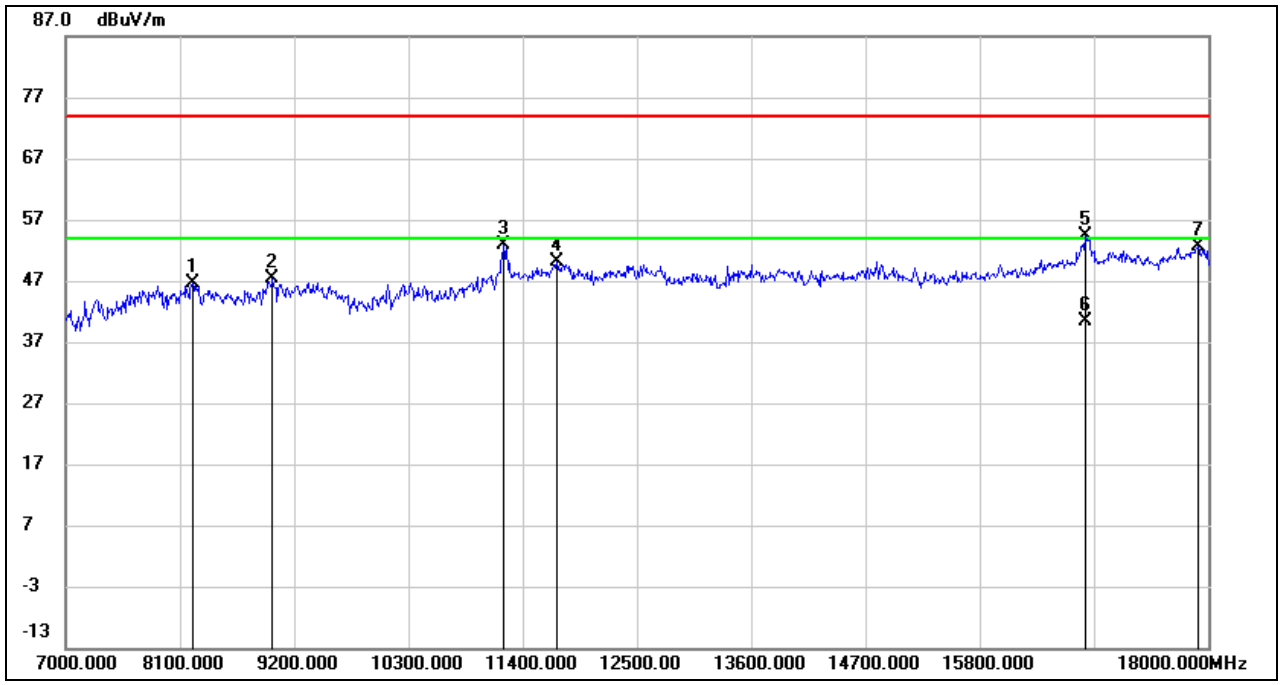
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

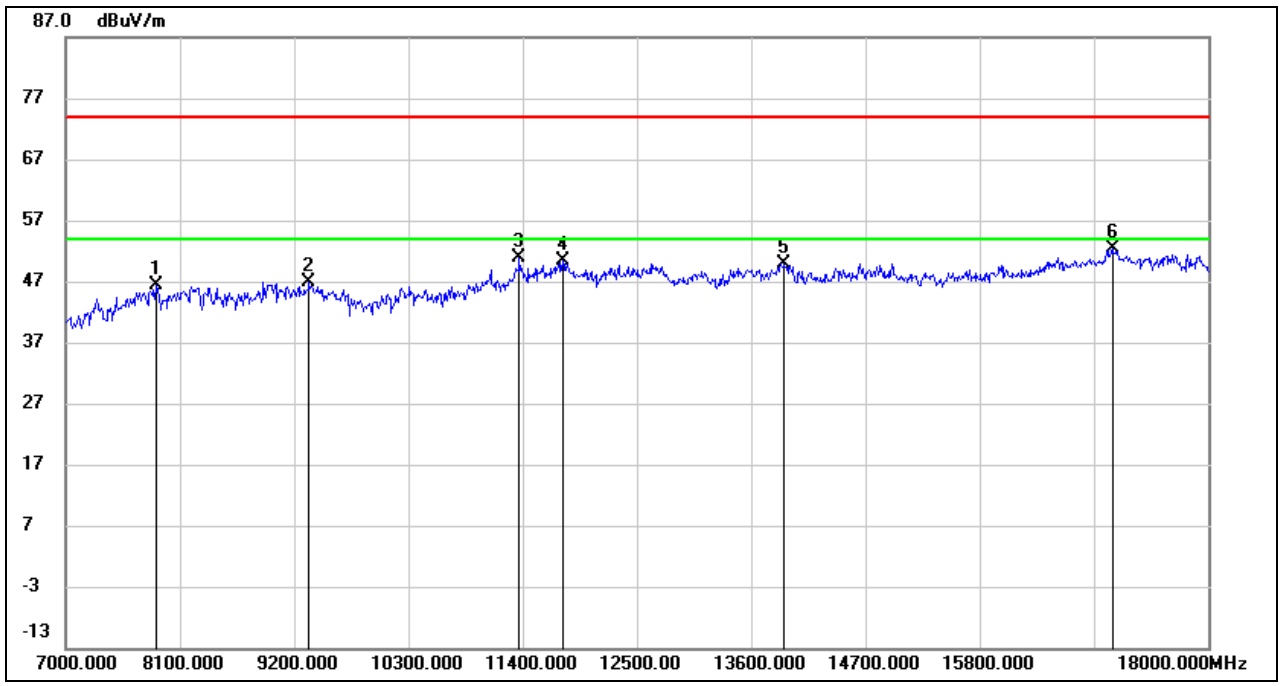


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8223.200	37.29	9.28	46.57	74.00	-27.43	peak
2	8995.400	36.76	10.59	47.35	74.00	-26.65	peak
3	11221.250	39.30	13.70	53.00	74.00	-21.00	peak
4	11738.800	34.93	15.27	50.20	74.00	-23.80	peak
5	16826.300	34.65	19.80	54.45	74.00	-19.55	peak
6	16826.300	20.66	19.80	40.46	54.00	-13.54	AVG
7	17904.850	29.91	22.70	52.61	74.00	-21.39	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.

STRADDLE CHANNEL 138

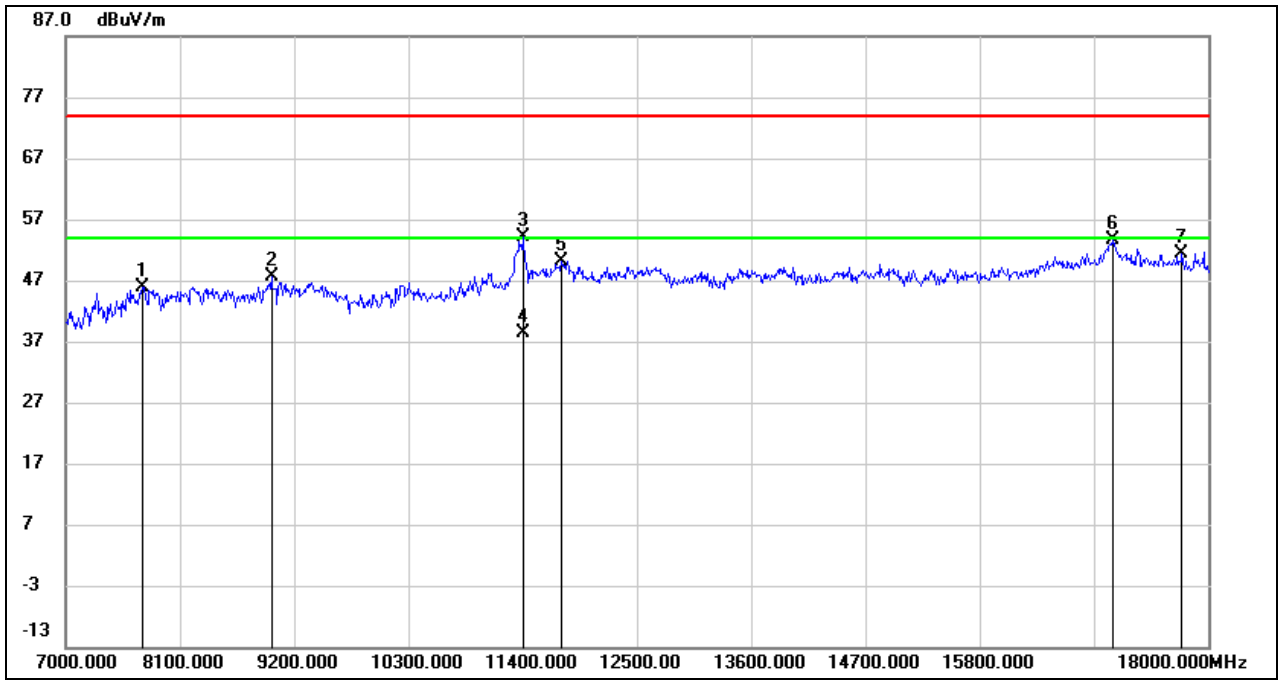
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7877.800	38.24	8.02	46.26	74.00	-27.74	peak
2	9345.200	36.87	10.04	46.91	74.00	-27.09	peak
3	11372.500	36.74	14.14	50.88	74.00	-23.12	peak
4	11792.150	34.80	15.57	50.37	74.00	-23.63	peak
5	13924.500	32.95	16.89	49.84	74.00	-24.16	peak
6	17084.800	31.69	20.58	52.27	74.00	-21.73	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)

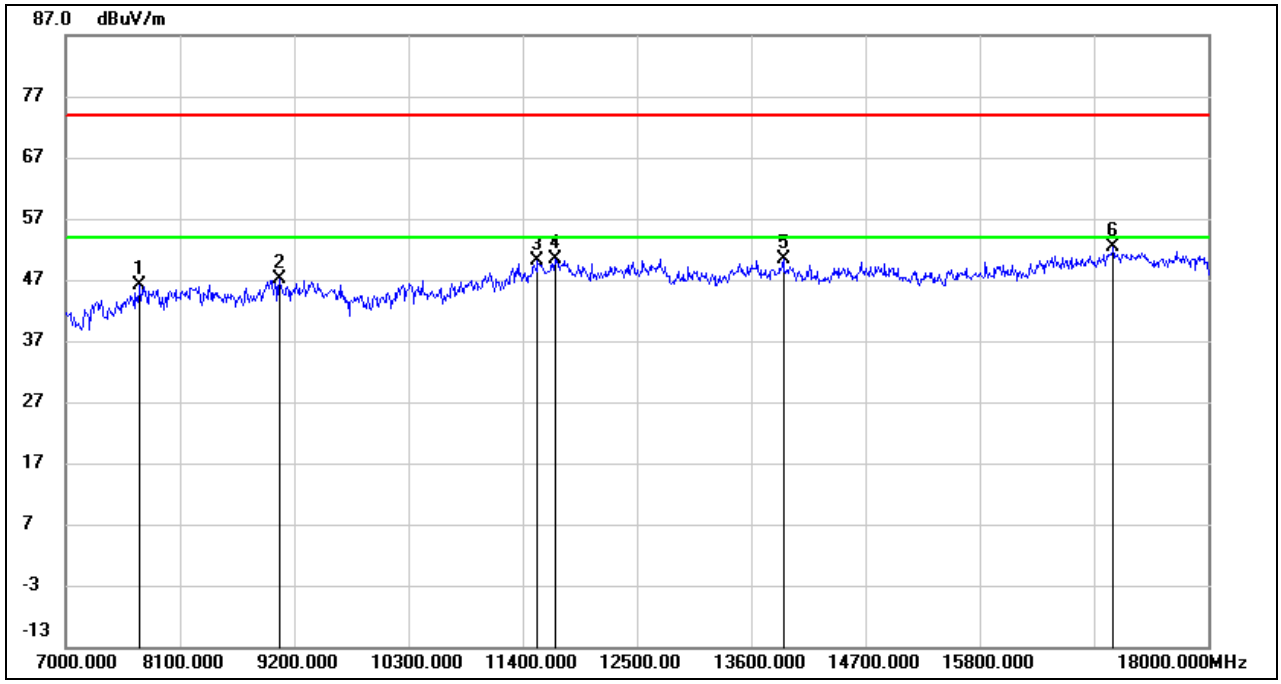


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7746.350	37.78	8.05	45.83	74.00	-28.17	peak
2	8987.150	37.19	10.49	47.68	74.00	-26.32	peak
3	11419.800	39.88	14.25	54.13	74.00	-19.87	peak
4	11419.800	24.25	14.25	38.50	54.00	-15.50	AVG
5	11779.500	34.71	15.50	50.21	74.00	-23.79	peak
6	17083.700	33.07	20.57	53.64	74.00	-20.36	peak
7	17754.700	28.93	22.37	51.30	74.00	-22.70	peak

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

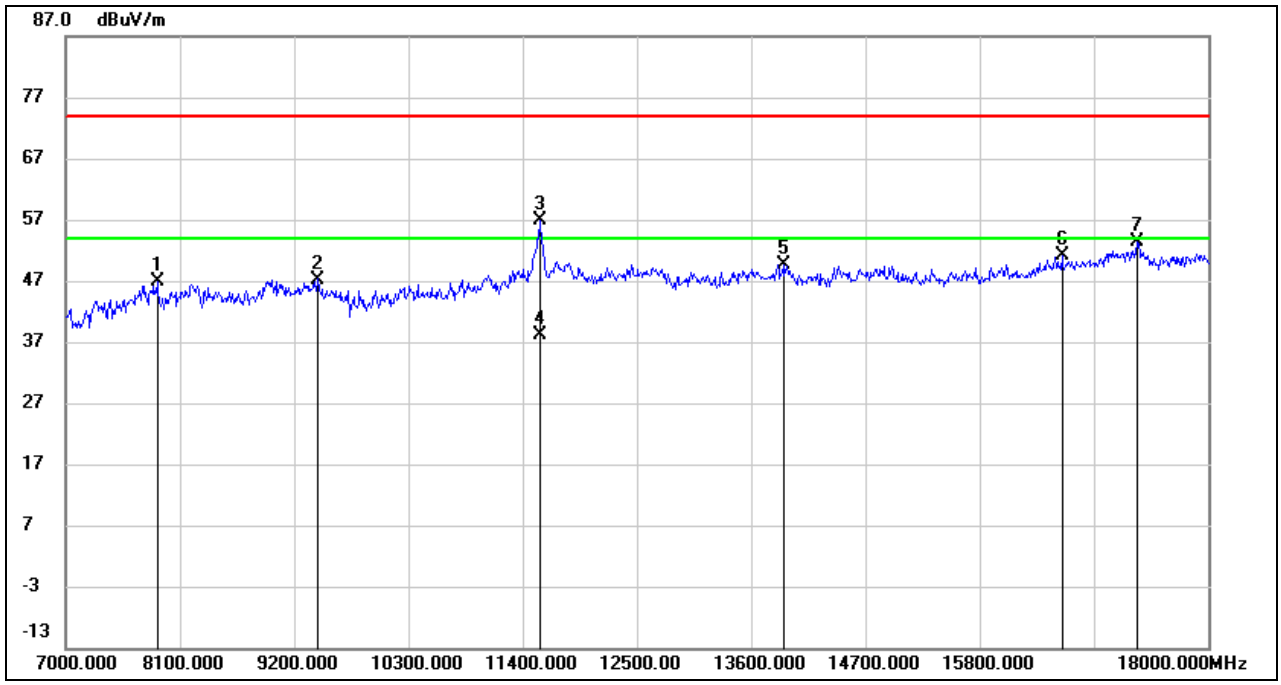
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7719.950	38.26	7.94	46.20	74.00	-27.80	peak
2	9058.100	36.76	10.25	47.01	74.00	-26.99	peak
3	11549.050	35.70	14.43	50.13	74.00	-23.87	peak
4	11727.800	35.26	15.22	50.48	74.00	-23.52	peak
5	13910.200	33.59	16.90	50.49	74.00	-23.51	peak
6	17089.750	31.71	20.59	52.30	74.00	-21.70	peak

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

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



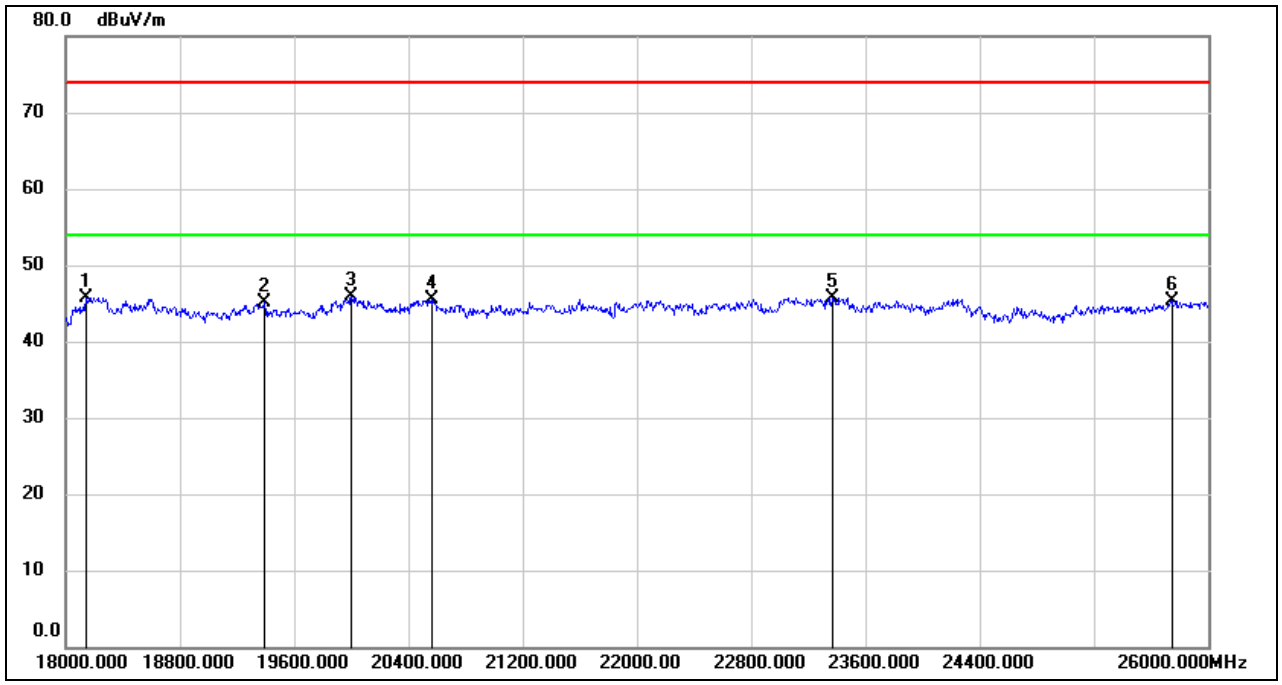
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7888.800	38.81	7.99	46.80	74.00	-27.20	peak
2	9431.000	36.90	10.35	47.25	74.00	-26.75	peak
3	11569.400	42.49	14.46	56.95	74.00	-17.05	peak
4	11569.400	23.79	14.46	38.25	54.00	-15.75	AVG
5	13909.650	32.81	16.90	49.71	74.00	-24.29	peak
6	16595.300	31.63	19.51	51.14	74.00	-22.86	peak
7	17327.350	32.57	20.84	53.41	74.00	-20.59	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. 802.11n HT40 MODE

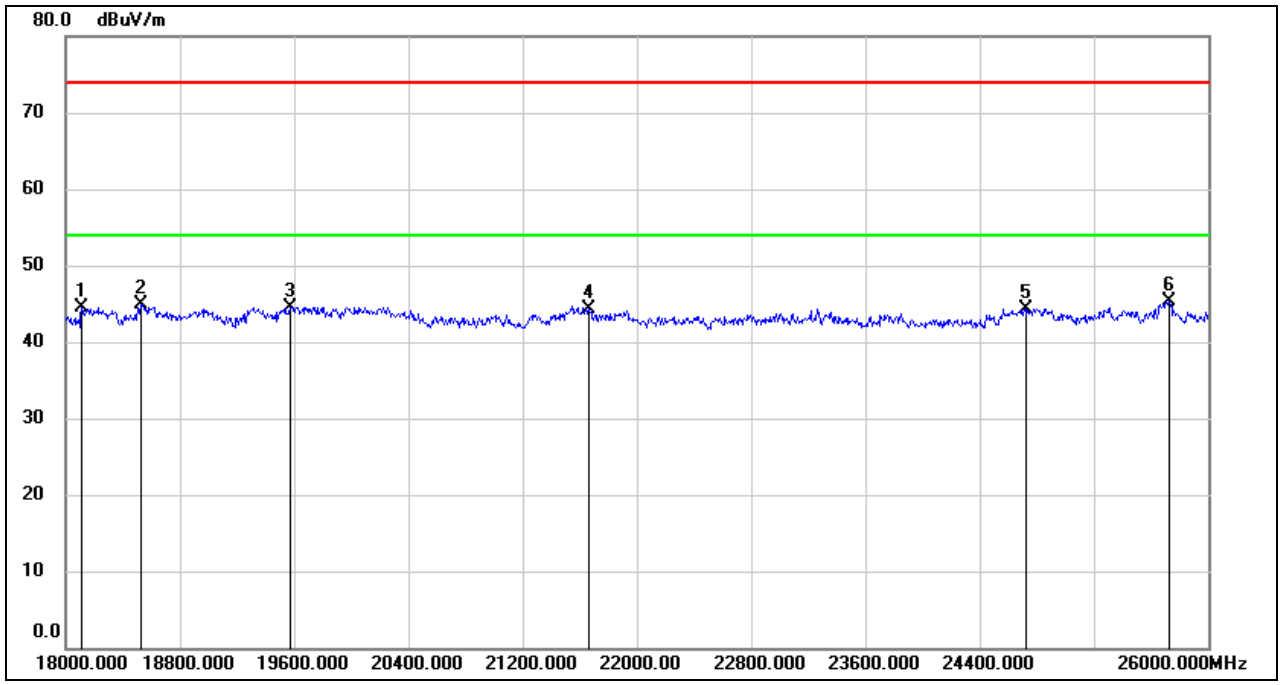
SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	51.27	-5.48	45.79	74.00	-28.21	peak
2	19392.000	50.62	-5.57	45.05	74.00	-28.95	peak
3	20000.000	51.31	-5.45	45.86	74.00	-28.14	peak
4	20560.000	50.73	-5.30	45.43	74.00	-28.57	peak
5	23368.000	48.95	-3.26	45.69	74.00	-28.31	peak
6	25744.000	46.00	-0.64	45.36	74.00	-28.64	peak

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18112.000	49.96	-5.47	44.49	74.00	-29.51	peak
2	18528.000	50.11	-5.26	44.85	74.00	-29.15	peak
3	19568.000	50.05	-5.46	44.59	74.00	-29.41	peak
4	21664.000	48.73	-4.45	44.28	74.00	-29.72	peak
5	24720.000	46.72	-2.33	44.39	74.00	-29.61	peak
6	25728.000	46.11	-0.72	45.39	74.00	-28.61	peak

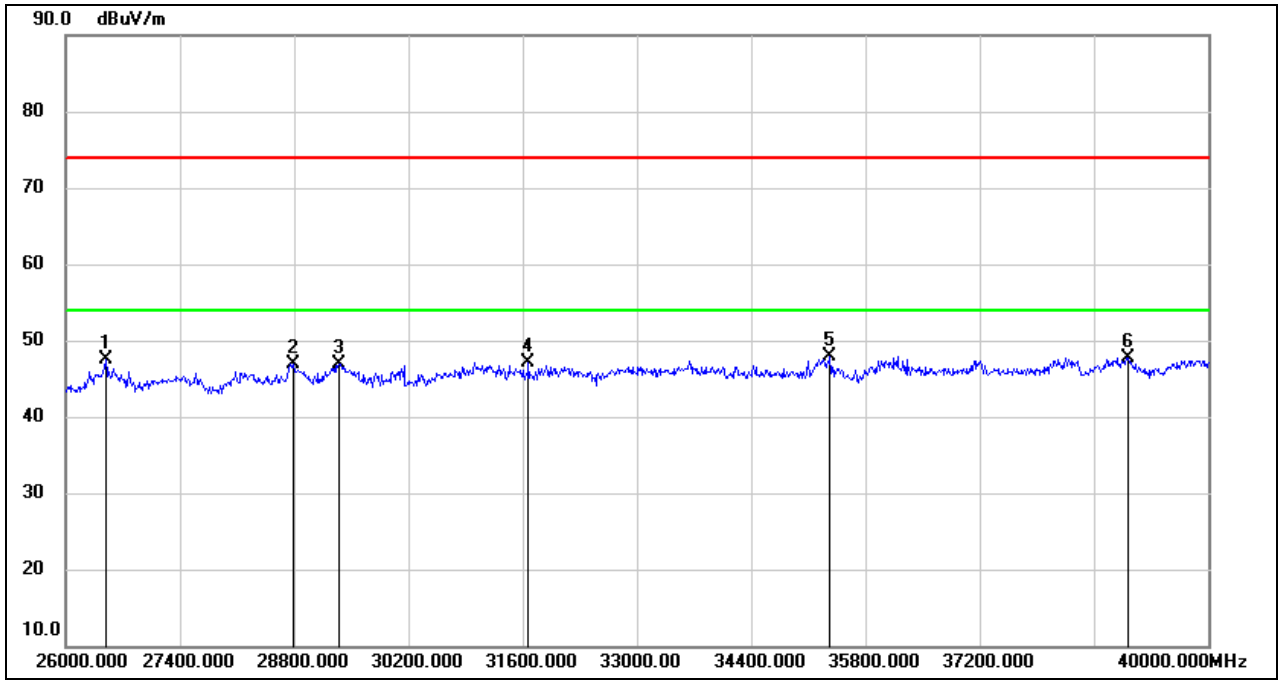
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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. 802.11n HT40 MODE

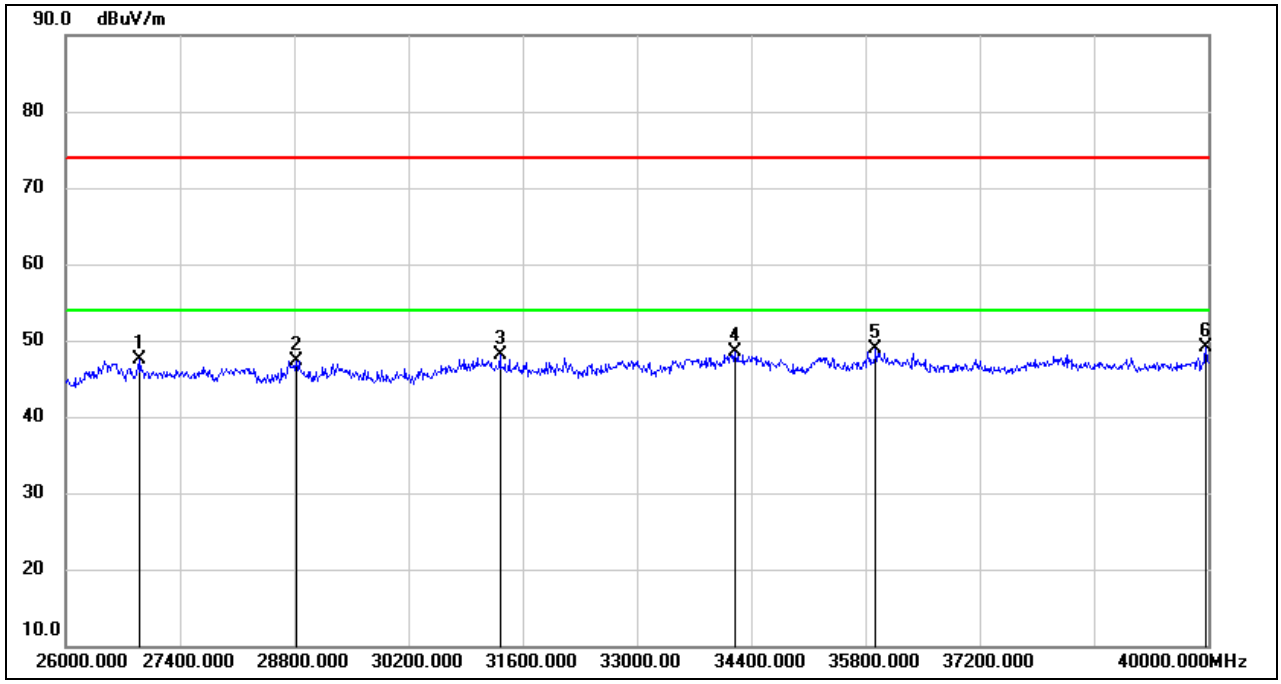
SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	52.29	-4.74	47.55	74.00	-26.45	peak
2	28786.000	47.49	-0.64	46.85	74.00	-27.15	peak
3	29346.000	47.88	-0.91	46.97	74.00	-27.03	peak
4	31670.000	48.36	-1.21	47.15	74.00	-26.85	peak
5	35366.000	45.40	2.59	47.99	74.00	-26.01	peak
6	39020.000	43.34	4.34	47.68	74.00	-26.32	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.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26910.000	51.64	-4.11	47.53	74.00	-26.47	peak
2	28828.000	48.13	-0.79	47.34	74.00	-26.66	peak
3	31320.000	49.11	-0.93	48.18	74.00	-25.82	peak
4	34204.000	47.35	1.13	48.48	74.00	-25.52	peak
5	35926.000	44.94	3.88	48.82	74.00	-25.18	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

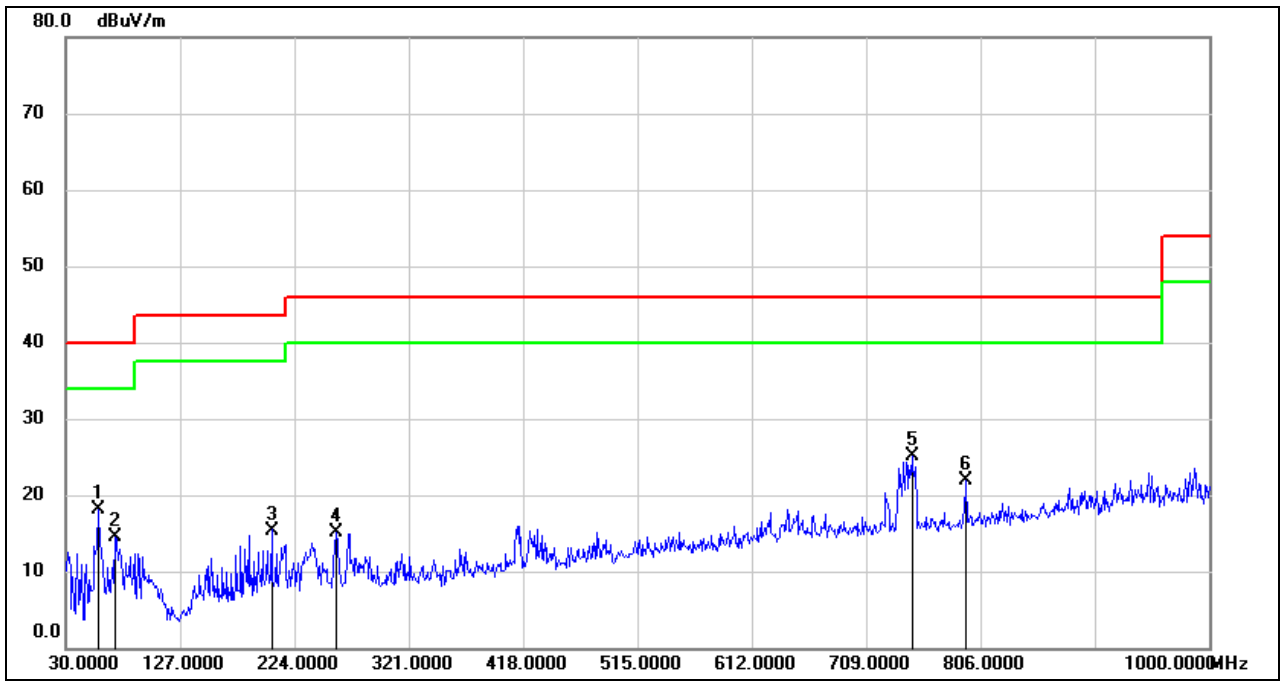
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11n HT40 MODE

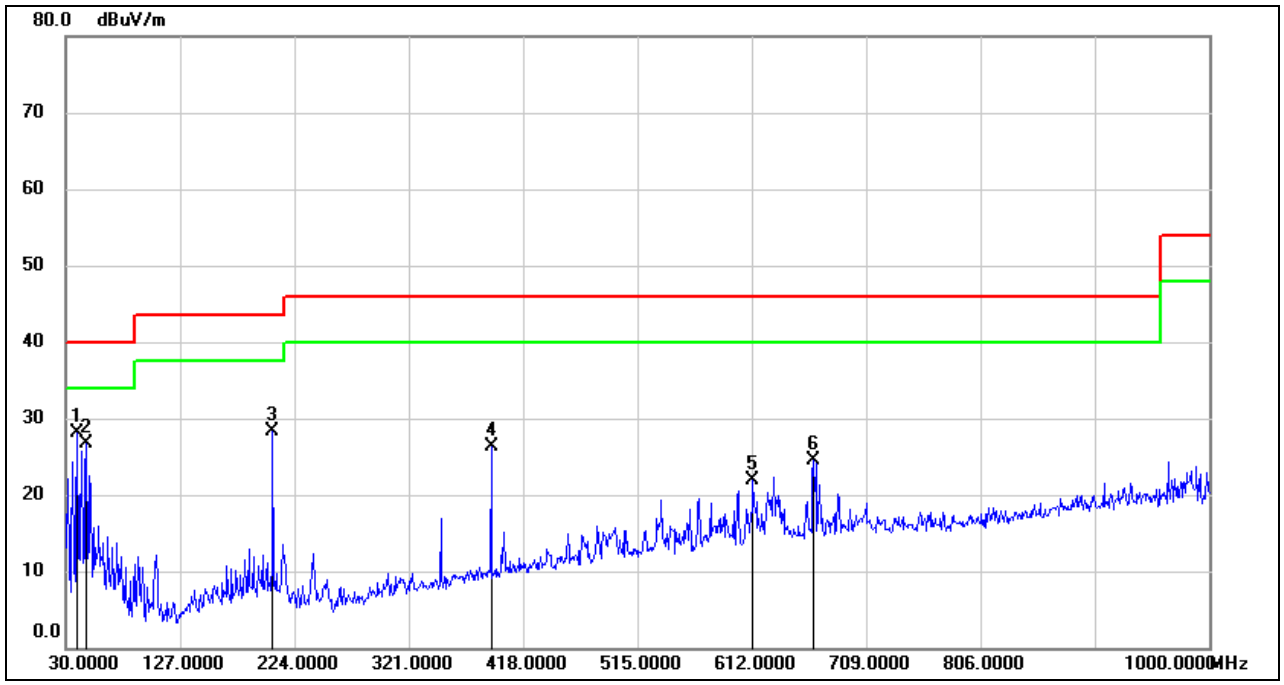
SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	57.1600	38.67	-20.58	18.09	40.00	-21.91	QP
2	71.7100	35.17	-20.70	14.47	40.00	-25.53	QP
3	204.6000	32.19	-16.79	15.40	43.50	-28.10	QP
4	259.8900	33.60	-18.55	15.05	46.00	-30.95	QP
5	747.8000	33.08	-7.92	25.16	46.00	-20.84	QP
6	793.3900	29.30	-7.37	21.93	46.00	-24.07	QP

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	48.15	-19.96	28.19	40.00	-11.81	QP
2	47.4600	47.26	-20.55	26.71	40.00	-13.29	QP
3	205.5700	45.12	-16.88	28.24	43.50	-15.26	QP
4	390.8400	39.85	-13.47	26.38	46.00	-19.62	QP
5	612.9699	31.22	-9.40	21.82	46.00	-24.18	QP
6	664.3800	33.17	-8.66	24.51	46.00	-21.49	QP

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

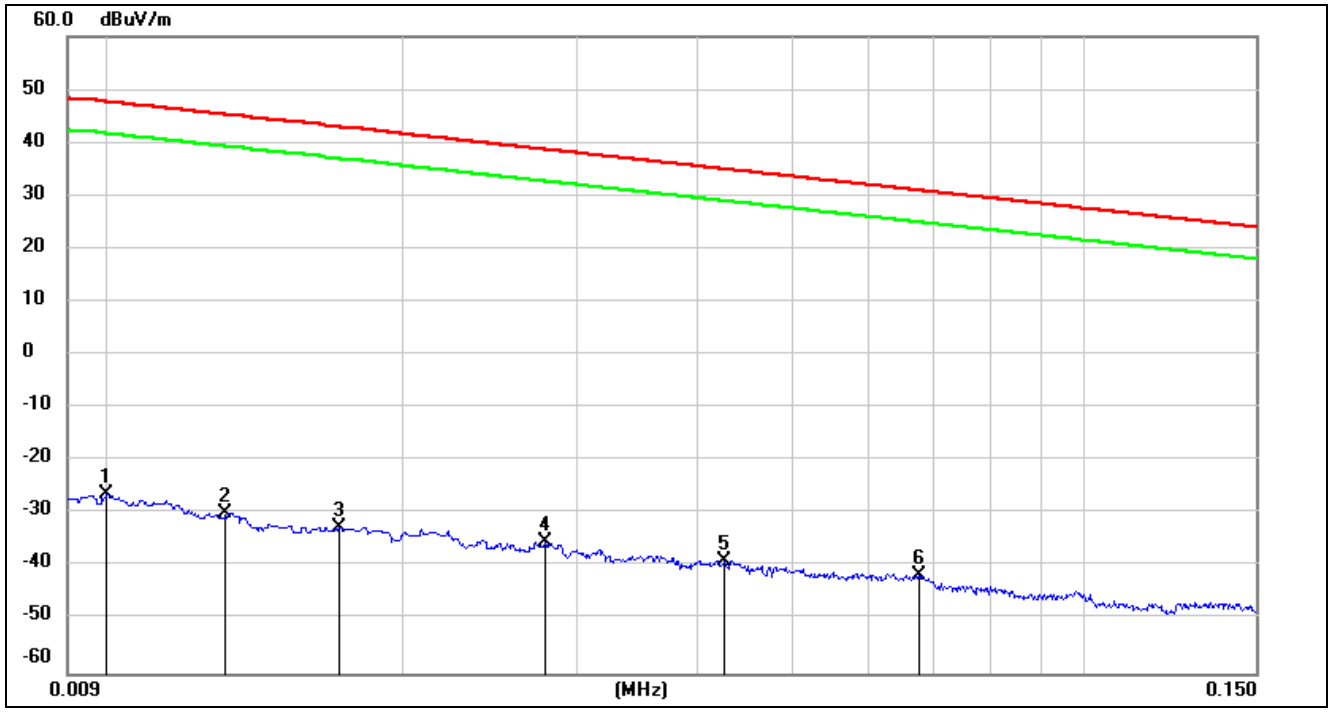
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11n HT40 MODE

SPURIOUS EMISSIONS (UNII-3 BAND HIGH CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

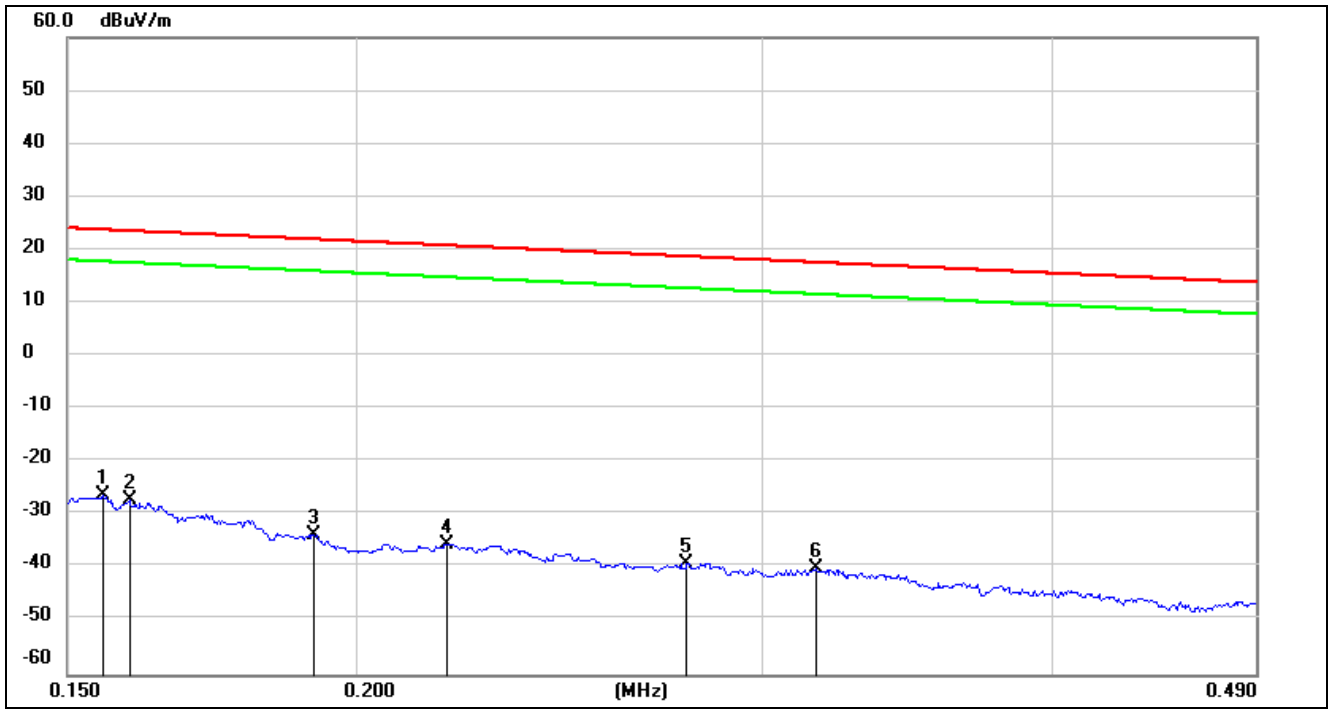
9 kHz~ 150 kHz



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	0.0100	75.22	-101.40	-26.18	47.6	-77.68	-3.90	-73.78	peak
2	0.0131	71.47	-101.38	-29.91	45.25	-81.41	-6.25	-75.16	peak
3	0.0171	68.88	-101.36	-32.48	42.94	-83.98	-8.56	-75.42	peak
4	0.0279	66.17	-101.38	-35.21	38.69	-86.71	-12.81	-73.90	peak
5	0.0427	62.64	-101.45	-38.81	34.99	-90.31	-16.51	-73.80	peak
6	0.0675	60.14	-101.56	-41.42	31.02	-92.92	-20.48	-72.44	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.

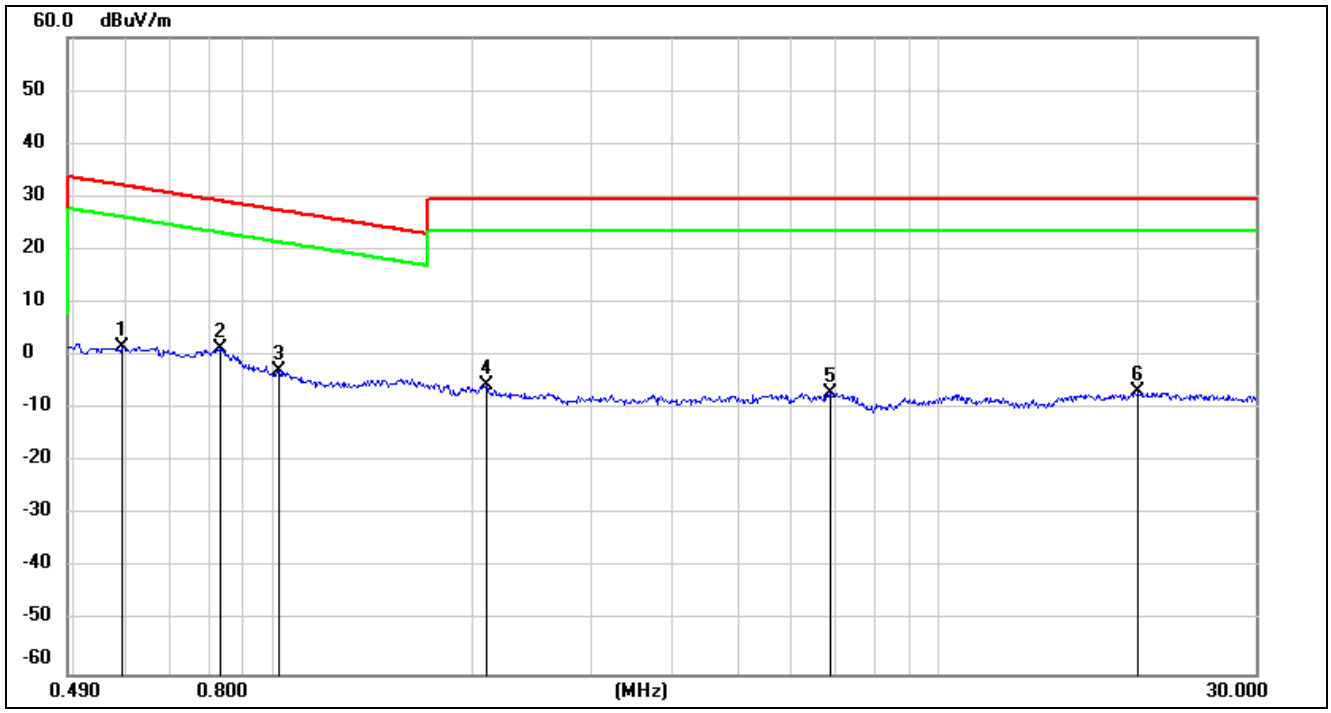
150 kHz ~ 490 kHz



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	75.27	-101.65	-26.38	23.77	-77.88	-27.73	-50.15	peak
2	0.1595	74.36	-101.65	-27.29	23.55	-78.79	-27.95	-50.84	peak
3	0.1917	68.04	-101.70	-33.66	21.95	-85.16	-29.55	-55.61	peak
4	0.2190	66.27	-101.75	-35.48	20.79	-86.98	-30.71	-56.27	peak
5	0.2782	62.79	-101.83	-39.04	18.71	-90.54	-32.79	-57.75	peak
6	0.3163	61.70	-101.87	-40.17	17.6	-91.67	-33.90	-57.77	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	0.5917	63.74	-62.08	1.66	32.16	-49.84	-19.34	-30.50	peak
2	0.8296	63.44	-62.17	1.27	29.23	-50.23	-22.27	-27.96	peak
3	1.0212	59.49	-62.25	-2.76	27.42	-54.26	-24.08	-30.18	peak
4	2.0939	56.39	-61.79	-5.4	29.54	-56.90	-21.96	-34.94	peak
5	6.8936	54.09	-61.22	-7.13	29.54	-58.63	-21.96	-36.67	peak
6	19.9954	53.94	-60.83	-6.89	29.54	-58.39	-21.96	-36.43	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:
1.All the modes and antennas had been tested, but only the worst data was recorded in the report.
2. Below 30MHz: According to the section 15.31 f)2) of part 15, performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). If the results at 3m complies with the limit of 15.209, the results at 3m are deemed to comply with 3m limit.

9. AC POWER LINE CONDUCTED EMISSIONS

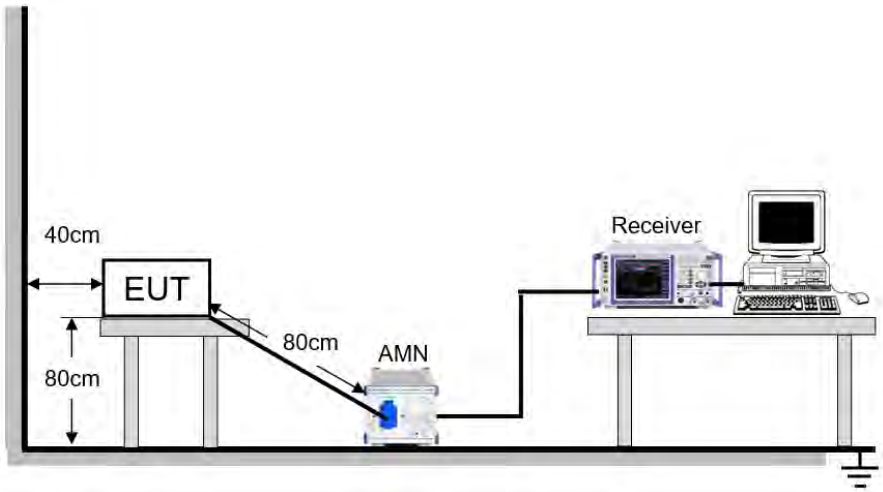
LIMITS

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

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

TEST SETUP AND PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.



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

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

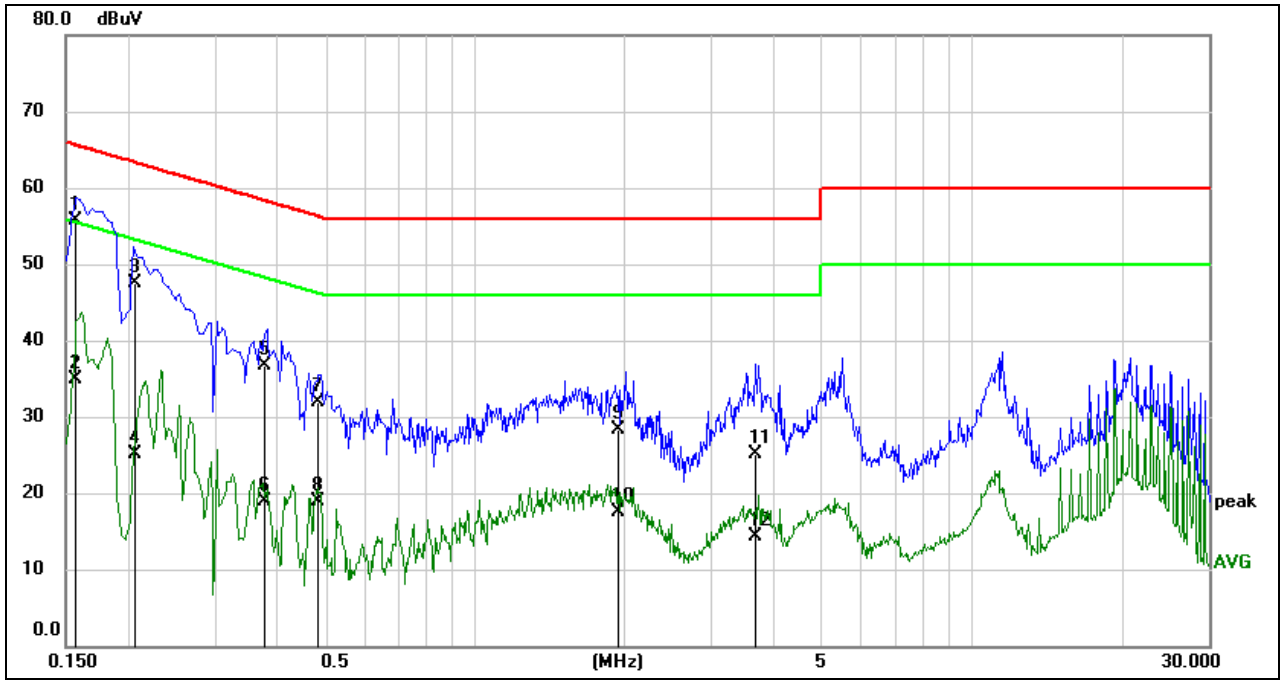
TEST ENVIRONMENT

Temperature	26.1 °C	Relative Humidity	63 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.3 V

RESULTS

9.1.1. 802.11n HT40 MODE

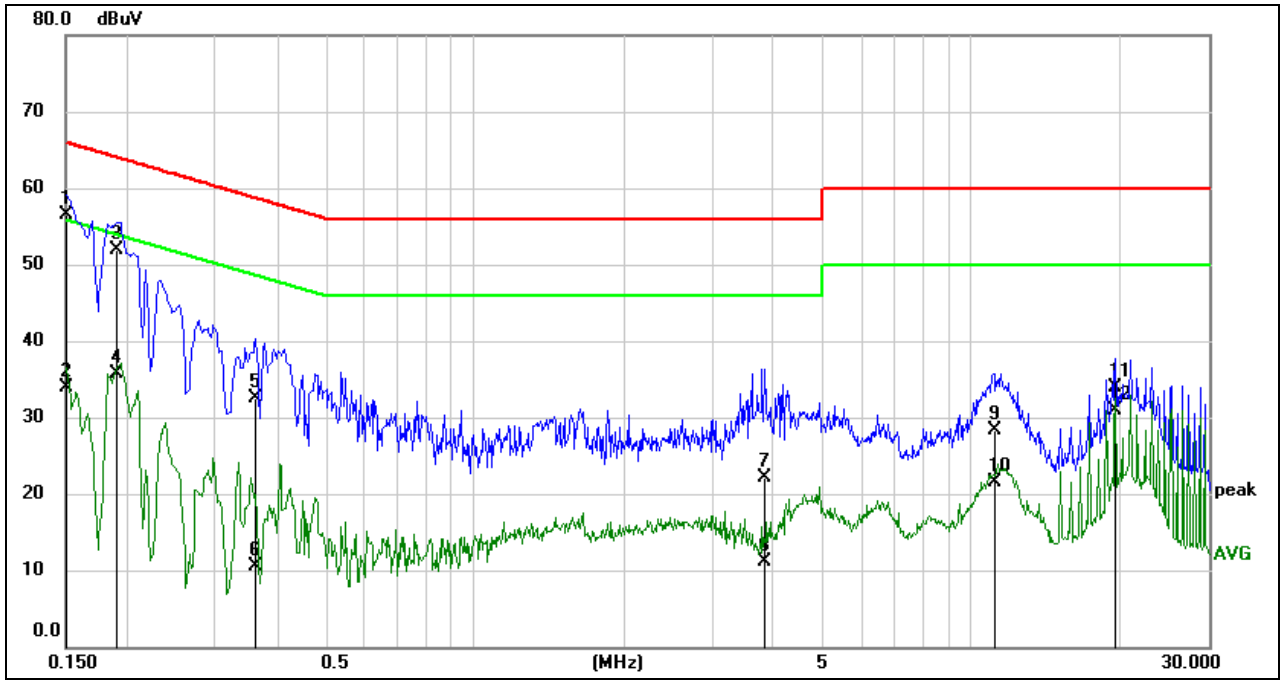
LINE N RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1581	46.14	9.59	55.73	65.56	-9.83	QP
2	0.1581	25.38	9.59	34.97	55.56	-20.59	AVG
3	0.2077	37.94	9.59	47.53	63.30	-15.77	QP
4	0.2077	15.53	9.59	25.12	53.30	-28.18	AVG
5	0.3772	27.10	9.59	36.69	58.34	-21.65	QP
6	0.3772	9.31	9.59	18.90	48.34	-29.44	AVG
7	0.4819	22.30	9.60	31.90	56.31	-24.41	QP
8	0.4819	9.32	9.60	18.92	46.31	-27.39	AVG
9	1.9528	18.64	9.63	28.27	56.00	-27.73	QP
10	1.9528	7.95	9.63	17.58	46.00	-28.42	AVG
11	3.6670	15.57	9.61	25.18	56.00	-30.82	QP
12	3.6670	4.79	9.61	14.40	46.00	-31.60	AVG

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1507	46.92	9.59	56.51	65.96	-9.45	QP
2	0.1507	24.30	9.59	33.89	55.96	-22.07	AVG
3	0.1895	42.35	9.59	51.94	64.06	-12.12	QP
4	0.1895	26.19	9.59	35.78	54.06	-18.28	AVG
5	0.3599	22.95	9.59	32.54	58.73	-26.19	QP
6	0.3599	1.00	9.59	10.59	48.73	-38.14	AVG
7	3.8475	12.41	9.60	22.01	56.00	-33.99	QP
8	3.8475	1.59	9.60	11.19	46.00	-34.81	AVG
9	11.1099	18.68	9.64	28.32	60.00	-31.68	QP
10	11.1099	11.78	9.64	21.42	50.00	-28.58	AVG
11	19.4364	24.27	9.73	34.00	60.00	-26.00	QP
12	19.4364	21.11	9.73	30.84	50.00	-19.16	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 -30 °C ~ 85 °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.

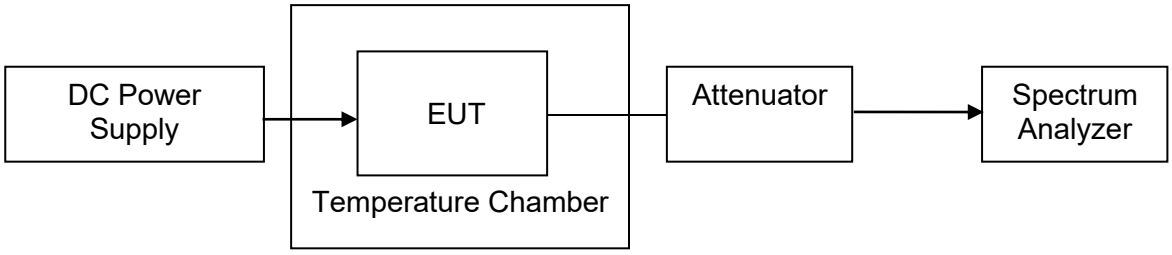
Connect the EUT to the spectrum analyser and use the following settings:

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): -30 °C
		T_H (High Temperature): 80 °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 E.

11. DYNAMIC FREQUENCY SELECTION

APPLICABILITY OF DFS REQUIREMENTS

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

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

Requirement	Operational Mode		
	☐ 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

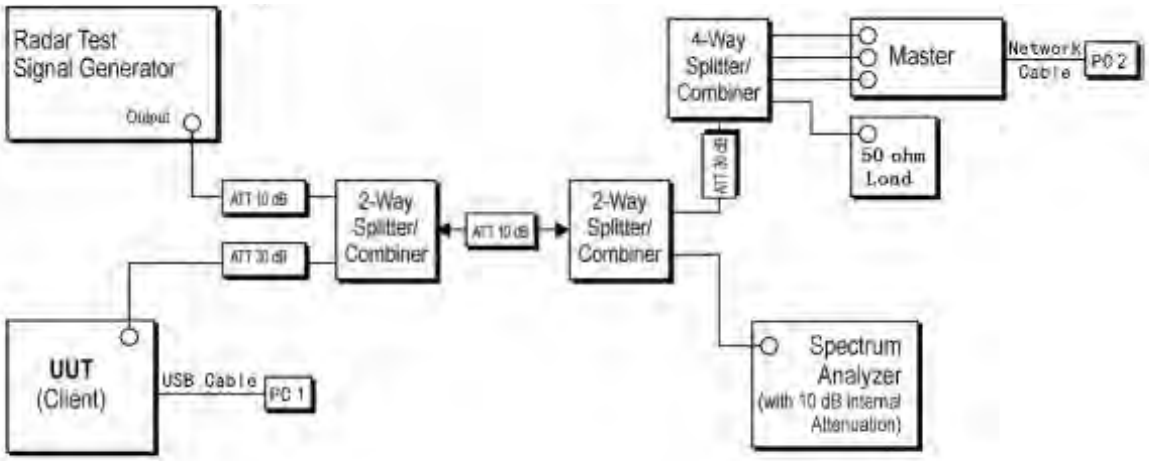
Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	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 F&G.

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.

RESULTS

Complies

12.1. Appendix A1: Emission Bandwidth

12.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A20	Ant1	5180	19.320	5170.280	5189.600	PASS
	Ant2	5180	19.600	5170.120	5189.720	PASS
	Ant1	5200	19.040	5190.440	5209.480	PASS
	Ant2	5200	19.080	5190.440	5209.520	PASS
	Ant1	5240	19.280	5230.280	5249.560	PASS
	Ant2	5240	19.360	5230.440	5249.800	PASS
	Ant1	5260	18.880	5250.640	5269.520	PASS
	Ant2	5260	19.280	5250.600	5269.880	PASS
	Ant1	5280	19.000	5270.440	5289.440	PASS
	Ant2	5280	19.800	5270.080	5289.880	PASS
	Ant1	5320	19.120	5310.360	5329.480	PASS
	Ant2	5320	19.400	5310.440	5329.840	PASS
	Ant1	5500	19.280	5490.320	5509.600	PASS
	Ant2	5500	18.920	5490.720	5509.640	PASS
	Ant1	5580	19.080	5570.560	5589.640	PASS
	Ant2	5580	19.360	5570.360	5589.720	PASS
	Ant1	5700	19.360	5690.360	5709.720	PASS
	Ant2	5700	19.400	5690.160	5709.560	PASS
	Ant1	5720	18.840	5710.720	5729.560	PASS
	Ant2	5720	19.640	5710.480	5730.120	PASS
	Ant1	5720_UNII-2C	14.28	5710.720	5725	PASS
	Ant2	5720_UNII-2C	14.52	5710.480	5725	PASS
	Ant1	5720_UNII-3	4.56	5725	5729.560	PASS
	Ant2	5720_UNII-3	5.12	5725	5730.120	PASS
	Ant1	5745	19.800	5735.200	5755.000	PASS
	Ant2	5745	19.160	5735.240	5754.400	PASS
	Ant1	5785	19.200	5775.360	5794.560	PASS
	Ant2	5785	19.880	5774.800	5794.680	PASS
	Ant1	5825	19.520	5815.120	5834.640	PASS
	Ant2	5825	19.360	5815.320	5834.680	PASS
11N20MIMO	Ant1	5180	20.200	5169.960	5190.160	PASS
	Ant2	5180	19.640	5170.200	5189.840	PASS
	Ant1	5200	19.600	5190.280	5209.880	PASS
	Ant2	5200	19.680	5190.040	5209.720	PASS
	Ant1	5240	19.600	5230.000	5249.600	PASS
	Ant2	5240	19.680	5230.080	5249.760	PASS
	Ant1	5260	19.800	5250.120	5269.920	PASS
	Ant2	5260	19.600	5250.200	5269.800	PASS
	Ant1	5280	19.960	5270.040	5290.000	PASS
	Ant2	5280	19.760	5270.120	5289.880	PASS
	Ant1	5320	19.480	5310.240	5329.720	PASS
	Ant2	5320	19.680	5310.240	5329.920	PASS
	Ant1	5500	19.520	5490.160	5509.680	PASS
	Ant2	5500	19.840	5490.040	5509.880	PASS
	Ant1	5580	19.800	5570.080	5589.880	PASS
	Ant2	5580	19.880	5570.120	5590.000	PASS
	Ant1	5700	19.480	5690.360	5709.840	PASS
	Ant2	5700	19.840	5690.040	5709.880	PASS
	Ant1	5720	19.520	5710.280	5729.800	PASS
	Ant2	5720	19.920	5710.000	5729.920	PASS
	Ant1	5720_UNII-2C	14.72	5710.280	5725	PASS
	Ant2	5720_UNII-2C	15	5710.000	5725	PASS
	Ant1	5720_UNII-3	4.8	5725	5729.800	PASS

	Ant2	5720_UNII-3	4.92	5725	5729.920	PASS
	Ant1	5745	19.760	5735.040	5754.800	PASS
	Ant2	5745	19.480	5735.160	5754.640	PASS
	Ant1	5785	19.520	5775.120	5794.640	PASS
	Ant2	5785	19.720	5774.960	5794.680	PASS
	Ant1	5825	19.920	5815.040	5834.960	PASS
	Ant2	5825	19.960	5814.840	5834.800	PASS
11N40MIMO	Ant1	5190	39.520	5170.400	5209.920	PASS
	Ant2	5190	39.760	5170.000	5209.760	PASS
	Ant1	5230	39.600	5210.080	5249.680	PASS
	Ant2	5230	39.600	5210.240	5249.840	PASS
	Ant1	5270	40.000	5250.320	5290.320	PASS
	Ant2	5270	39.600	5250.160	5289.760	PASS
	Ant1	5310	39.280	5290.400	5329.680	PASS
	Ant2	5310	39.040	5290.400	5329.440	PASS
	Ant1	5510	39.360	5490.480	5529.840	PASS
	Ant2	5510	39.360	5490.400	5529.760	PASS
	Ant1	5550	40.080	5529.840	5569.920	PASS
	Ant2	5550	39.200	5530.640	5569.840	PASS
	Ant1	5670	39.840	5650.320	5690.160	PASS
	Ant2	5670	39.600	5650.320	5689.920	PASS
	Ant1	5710	39.680	5690.400	5730.080	PASS
	Ant2	5710	39.600	5690.320	5729.920	PASS
	Ant1	5710_UNII-2C	34.6	5690.400	5725	PASS
	Ant2	5710_UNII-2C	34.68	5690.320	5725	PASS
	Ant1	5710_UNII-3	5.08	5725	5730.080	PASS
	Ant2	5710_UNII-3	4.92	5725	5729.920	PASS
	Ant1	5755	40.240	5734.680	5774.920	PASS
	Ant2	5755	45.280	5734.840	5780.120	PASS
	Ant1	5795	39.680	5774.920	5814.600	PASS
	Ant2	5795	39.600	5775.160	5814.760	PASS
11AC20MIMO	Ant1	5180	19.840	5170.120	5189.960	PASS
	Ant2	5180	19.920	5170.080	5190.000	PASS
	Ant1	5200	19.920	5190.000	5209.920	PASS
	Ant2	5200	19.840	5189.920	5209.760	PASS
	Ant1	5240	19.680	5230.080	5249.760	PASS
	Ant2	5240	19.440	5230.120	5249.560	PASS
	Ant1	5260	19.960	5249.920	5269.880	PASS
	Ant2	5260	19.800	5250.080	5269.880	PASS
	Ant1	5280	19.960	5270.000	5289.960	PASS
	Ant2	5280	19.880	5269.760	5289.640	PASS
	Ant1	5320	19.720	5310.080	5329.800	PASS
	Ant2	5320	19.680	5310.160	5329.840	PASS
	Ant1	5500	19.800	5490.040	5509.840	PASS
	Ant2	5500	19.800	5490.000	5509.800	PASS
	Ant1	5580	19.560	5570.120	5589.680	PASS
	Ant2	5580	19.880	5569.920	5589.800	PASS
	Ant1	5700	19.840	5690.080	5709.920	PASS
	Ant2	5700	19.960	5689.800	5709.760	PASS
	Ant1	5720	19.920	5710.000	5729.920	PASS
	Ant2	5720	19.840	5710.120	5729.960	PASS
	Ant1	5720_UNII-2C	15	5710.000	5725	PASS
	Ant2	5720_UNII-2C	14.88	5710.120	5725	PASS
	Ant1	5720_UNII-3	4.92	5725	5729.920	PASS
	Ant2	5720_UNII-3	4.96	5725	5729.960	PASS
	Ant1	5745	19.600	5735.200	5754.800	PASS
	Ant2	5745	19.880	5734.920	5754.800	PASS
	Ant1	5785	19.520	5775.160	5794.680	PASS
	Ant2	5785	19.920	5775.000	5794.920	PASS
	Ant1	5825	19.880	5814.960	5834.840	PASS

	Ant2	5825	19.640	5815.040	5834.680	PASS
11AC40MIMO	Ant1	5190	40.160	5169.840	5210.000	PASS
	Ant2	5190	40.160	5169.760	5209.920	PASS
	Ant1	5230	39.760	5210.400	5250.160	PASS
	Ant2	5230	39.200	5210.320	5249.520	PASS
	Ant1	5270	40.400	5249.760	5290.160	PASS
	Ant2	5270	38.880	5250.480	5289.360	PASS
	Ant1	5310	39.200	5290.320	5329.520	PASS
	Ant2	5310	40.080	5289.680	5329.760	PASS
	Ant1	5510	39.760	5490.320	5530.080	PASS
	Ant2	5510	39.360	5490.080	5529.440	PASS
	Ant1	5550	40.000	5530.000	5570.000	PASS
	Ant2	5550	39.600	5530.400	5570.000	PASS
	Ant1	5670	40.080	5649.840	5689.920	PASS
	Ant2	5670	39.520	5650.240	5689.760	PASS
	Ant1	5710	39.840	5689.920	5729.760	PASS
	Ant2	5710	39.520	5690.160	5729.680	PASS
	Ant1	5710_UNII-2C	35.08	5689.920	5725	PASS
	Ant2	5710_UNII-2C	34.84	5690.160	5725	PASS
	Ant1	5710_UNII-3	4.76	5725	5729.760	PASS
	Ant2	5710_UNII-3	4.68	5725	5729.680	PASS
	Ant1	5755	40.000	5735.160	5775.160	PASS
	Ant2	5755	40.240	5734.840	5775.080	PASS
	Ant1	5795	39.520	5775.320	5814.840	PASS
	Ant2	5795	39.200	5775.400	5814.600	PASS
11AC80MIMO	Ant1	5210	81.920	5168.880	5250.800	PASS
	Ant2	5210	80.320	5170.320	5250.640	PASS
	Ant1	5290	81.280	5249.200	5330.480	PASS
	Ant2	5290	80.000	5249.840	5329.840	PASS
	Ant1	5530	80.320	5490.160	5570.480	PASS
	Ant2	5530	80.160	5490.000	5570.160	PASS
	Ant1	5610	80.960	5569.520	5650.480	PASS
	Ant2	5610	80.000	5570.160	5650.160	PASS
	Ant1	5690	80.480	5649.680	5730.160	PASS
	Ant2	5690	79.840	5650.160	5730.000	PASS
	Ant1	5690_UNII-2C	75.32	5649.680	5725	PASS
	Ant2	5690_UNII-2C	74.84	5650.160	5725	PASS
	Ant1	5690_UNII-3	5.16	5725	5730.160	PASS
	Ant2	5690_UNII-3	5	5725	5730.000	PASS
	Ant1	5775	80.800	5734.680	5815.480	PASS
	Ant2	5775	81.280	5734.360	5815.640	PASS

12.1.2. Test Graphs

11A_Ant1_5180

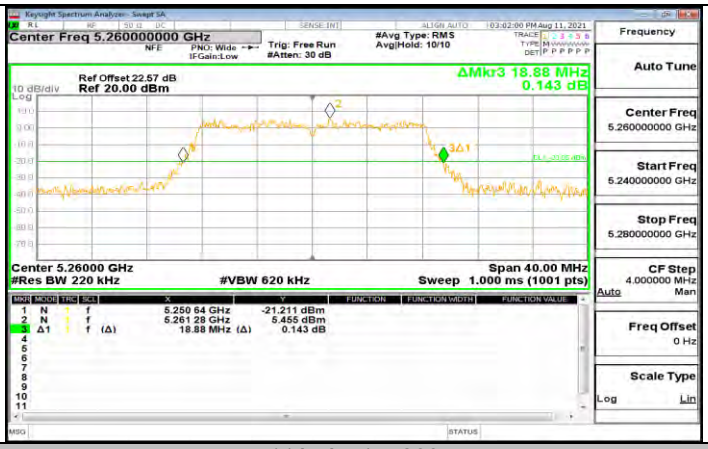
11A_Ant2_5180

11A_Ant1_5200

11A_Ant2_5200

11A_Ant1_5240

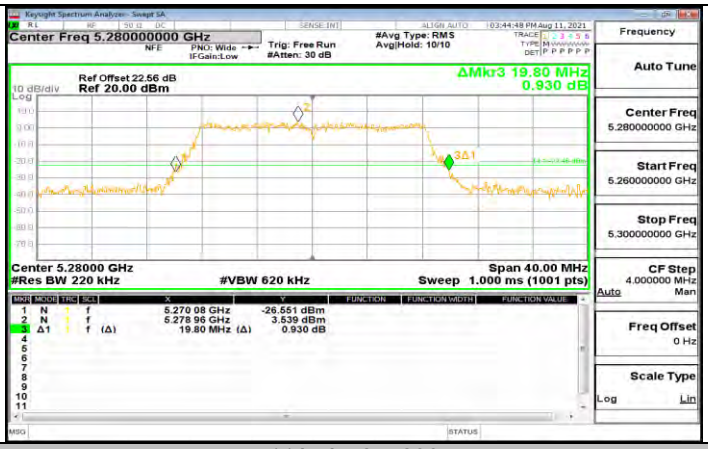
11A_Ant2_5240



11A_Ant1_5260

11A_Ant2_5260

11A_Ant1_5280



11A_Ant2_5280

11A_Ant1_5320

11A_Ant2_5320

11A_Ant1_5500

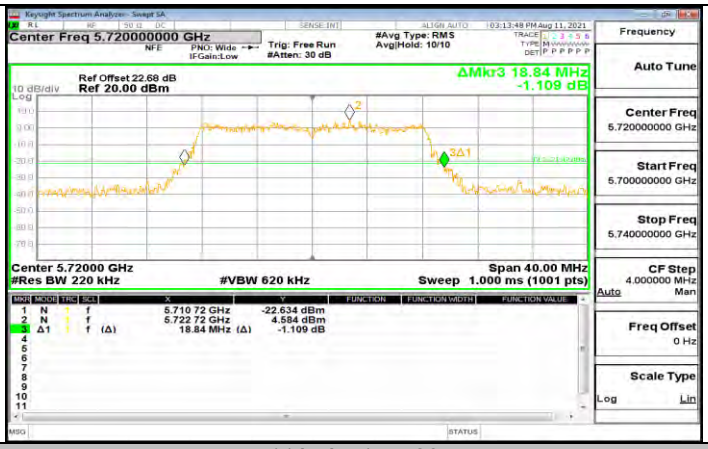
11A_Ant2_5500

11A_Ant1_5580

11A_Ant2_5580

11A_Ant1_5700

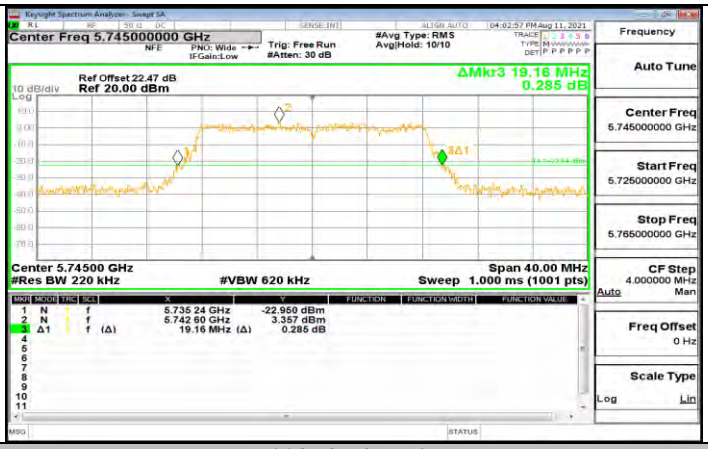
11A_Ant2_5700



11A_Ant1_5720

11A_Ant2_5720

11A_Ant1_5745



11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

11A_Ant1_5825

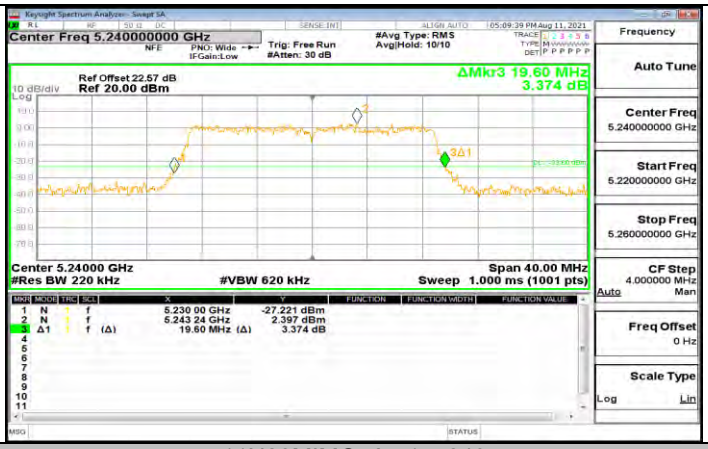
11A_Ant2_5825

11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180

11N20MIMO_Ant1_5200

11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240

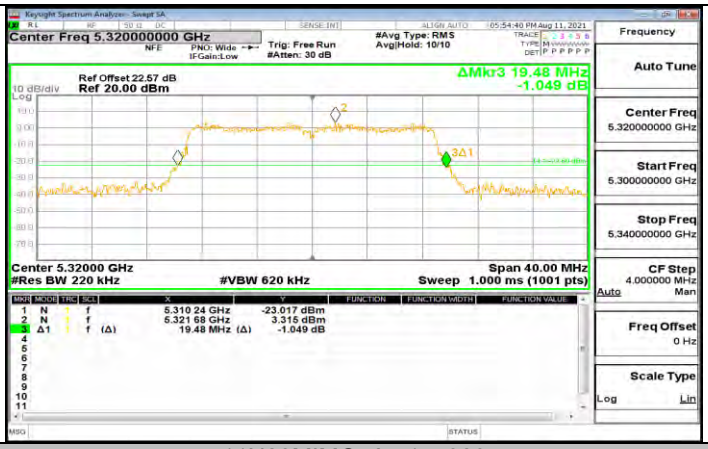
11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260

11N20MIMO_Ant1_5280

11N20MIMO_Ant2_5280

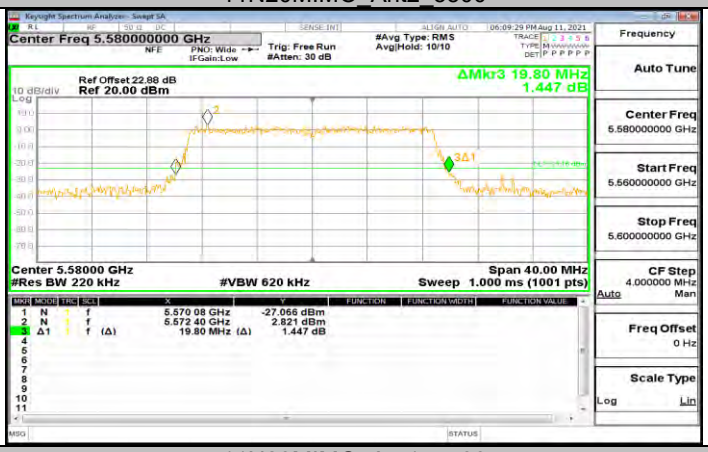


11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320

11N20MIMO_Ant1_5500

11N20MIMO_Ant2_5500



11N20MIMO_Ant1_5580

11N20MIMO_Ant2_5580

11N20MIMO_Ant1_5700

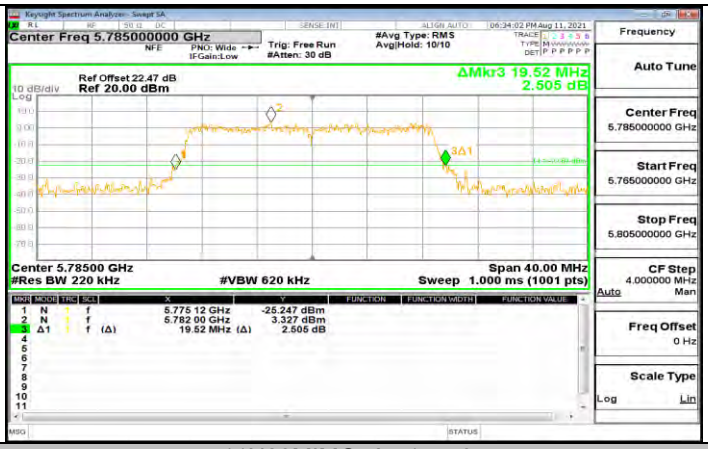
11N20MIMO_Ant2_5700

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

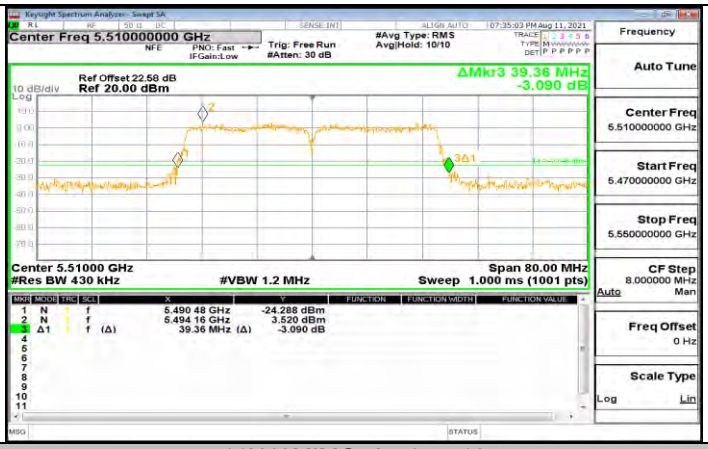
11N40MIMO_Ant2_5230

11N40MIMO_Ant1_5270

11N40MIMO_Ant2_5270

11N40MIMO_Ant1_5310

11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510

11N40MIMO_Ant2_5510

11N40MIMO_Ant1_5550

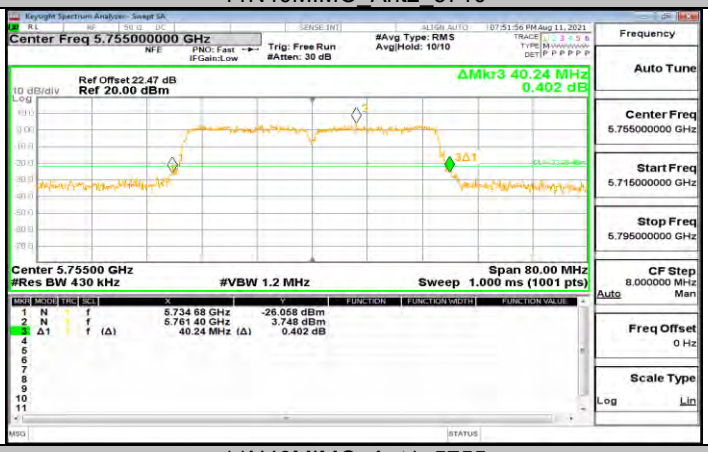
11N40MIMO_Ant2_5550

11N40MIMO_Ant1_5670

11N40MIMO_Ant2_5670

11N40MIMO_Ant1_5710

11N40MIMO_Ant2_5710



11N40MIMO_Ant1_5755

11N40MIMO_Ant2_5755

11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795

11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180

11AC20MIMO_Ant1_5200

11AC20MIMO_Ant2_5200

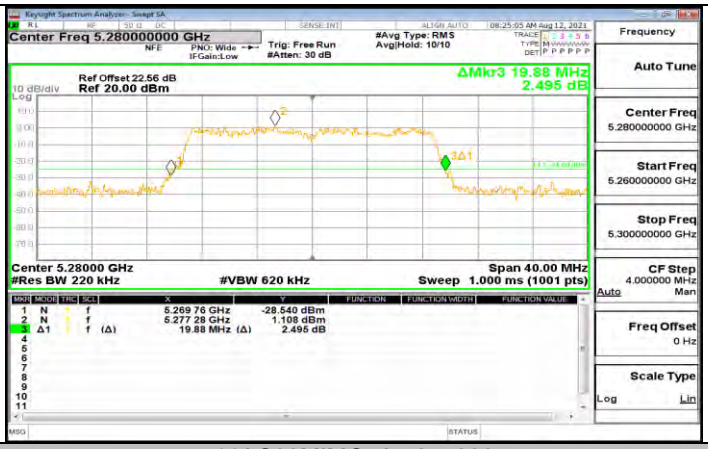
11AC20MIMO_Ant1_5240

11AC20MIMO_Ant2_5240

11AC20MIMO_Ant1_5260

11AC20MIMO_Ant2_5260

11AC20MIMO_Ant1_5280



11AC20MIMO_Ant2_5280

11AC20MIMO_Ant1_5320

11AC20MIMO_Ant2_5320

11AC20MIMO_Ant1_5500

11AC20MIMO_Ant2_5500

11AC20MIMO_Ant1_5580

11AC20MIMO_Ant2_5580

11AC20MIMO_Ant1_5700

11AC20MIMO_Ant2_5700

11AC20MIMO_Ant1_5720

11AC20MIMO_Ant2_5720

11AC20MIMO_Ant1_5745