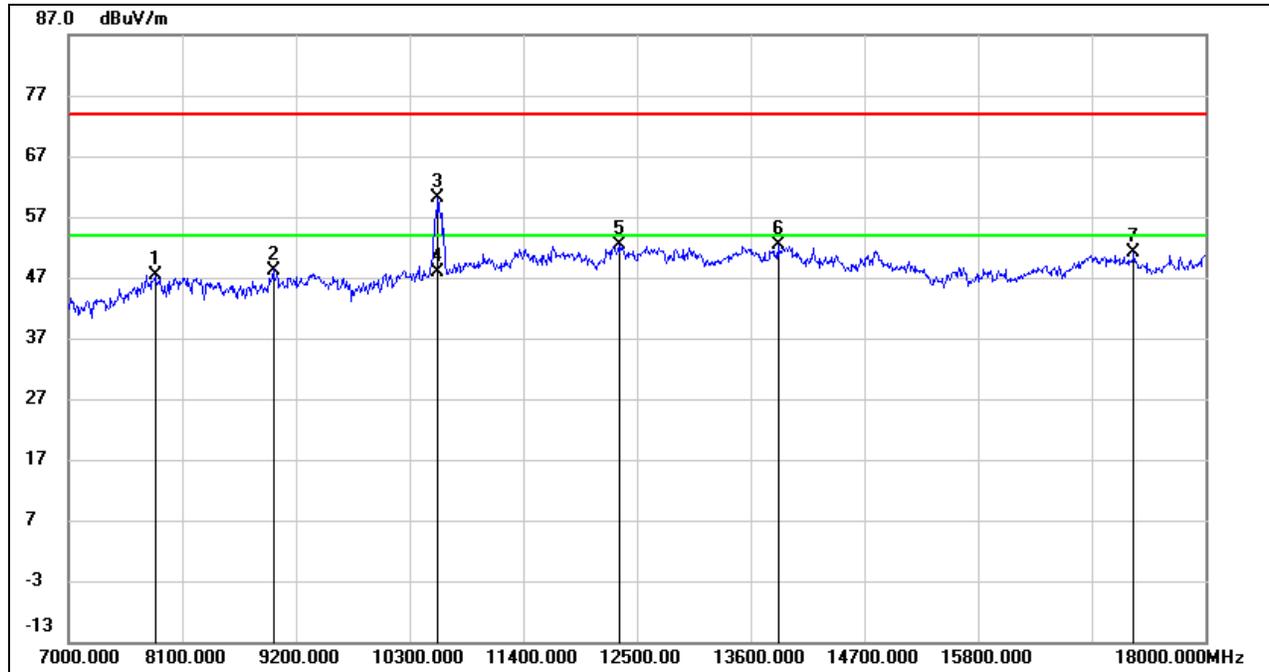


UNII-2A BAND – PCB ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

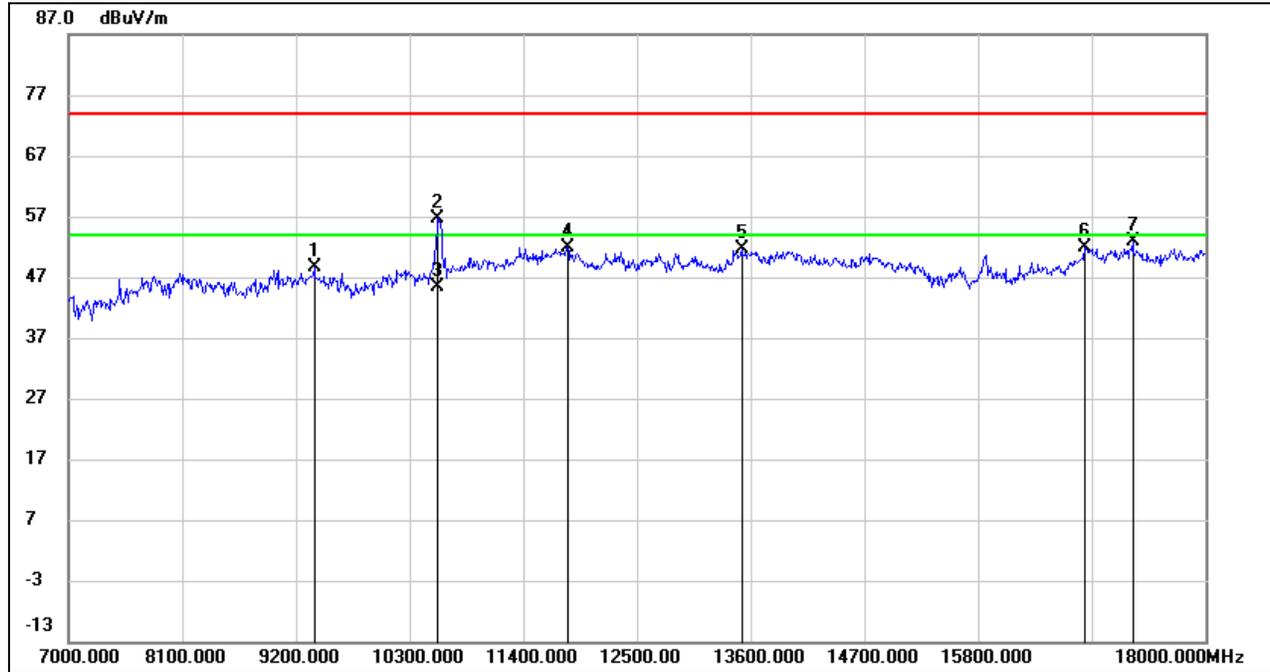


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7841.500	38.80	8.51	47.31	74.00	-26.69	peak
2	8980.000	37.86	10.39	48.25	74.00	-25.75	peak
3	10580.500	46.92	13.18	60.10	74.00	-13.90	peak
4	10580.500	34.68	13.18	47.86	54.00	-6.14	AVG
5	12329.500	34.98	17.49	52.47	74.00	-21.53	peak
6	13864.000	32.99	19.33	52.32	74.00	-21.68	peak
7	17307.000	29.69	21.47	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. 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)



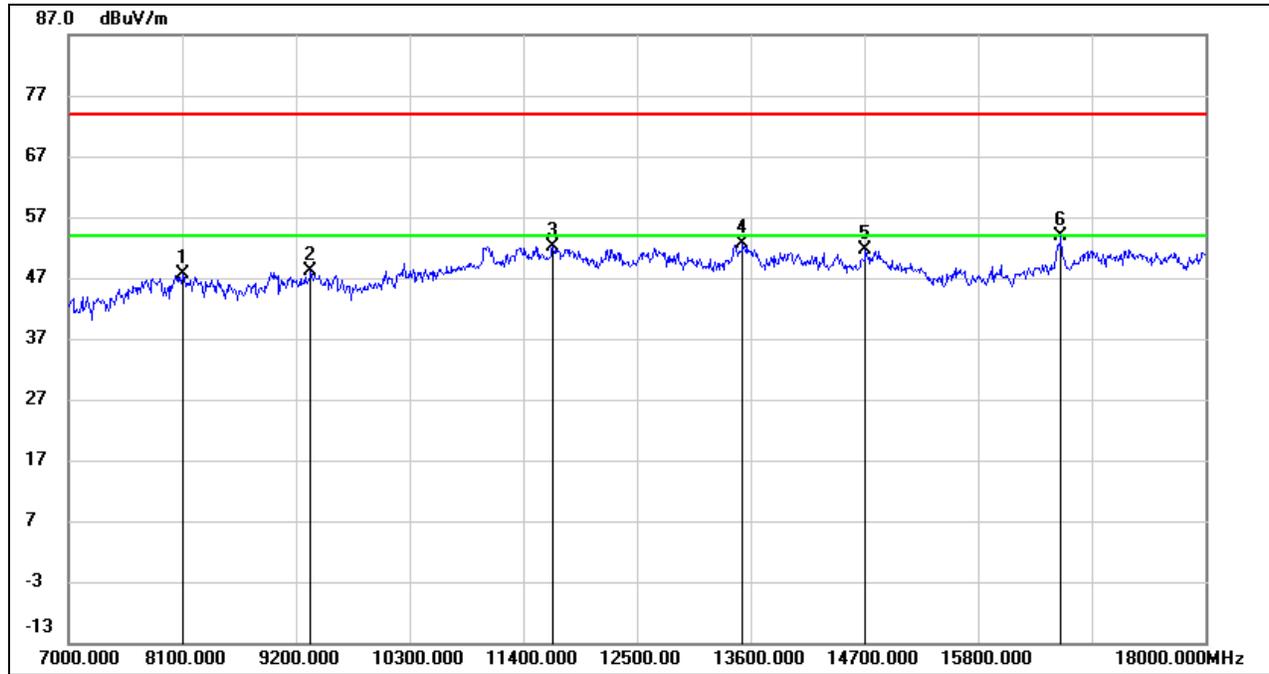
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.88	10.64	48.52	74.00	-25.48	peak
2	10580.500	43.43	13.18	56.61	74.00	-17.39	peak
3	10580.500	32.18	13.18	45.36	54.00	-8.64	AVG
4	11829.000	34.93	17.05	51.98	74.00	-22.02	peak
5	13512.000	32.33	19.20	51.53	74.00	-22.47	peak
6	16834.000	32.74	19.07	51.81	74.00	-22.19	peak
7	17296.000	31.48	21.48	52.96	74.00	-21.04	peak

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



UNII-2C BAND – PCB ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

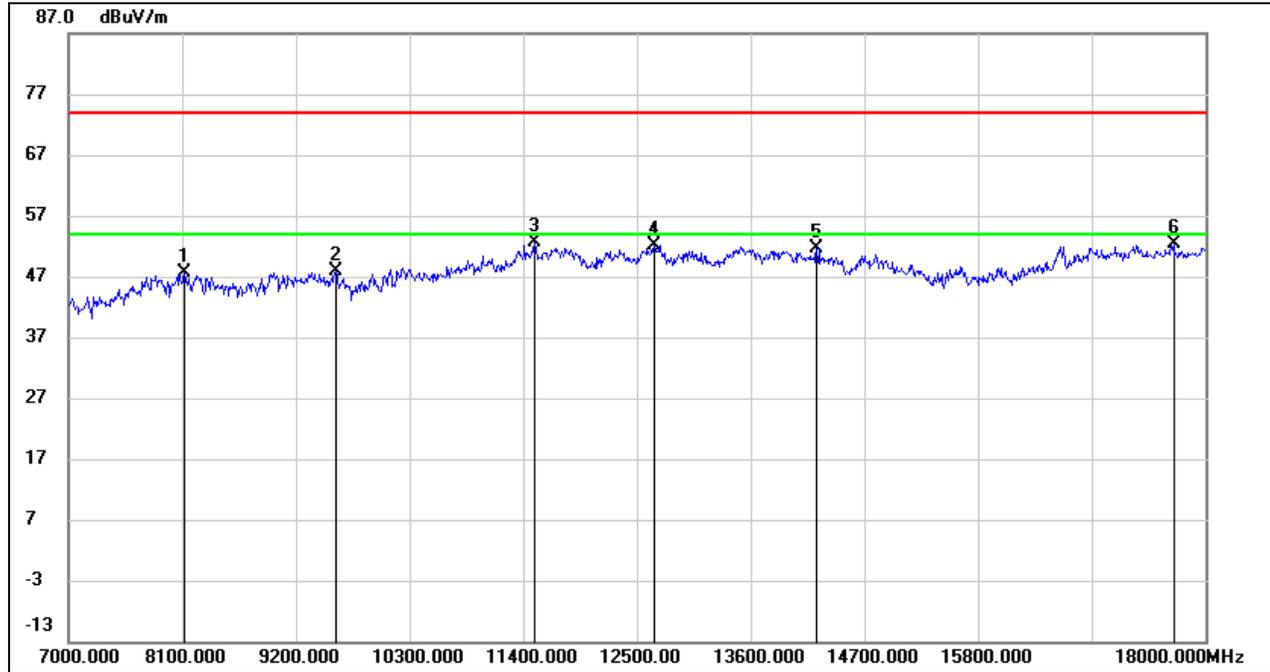


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.22	9.52	47.74	74.00	-26.26	peak
2	9348.500	37.58	10.46	48.04	74.00	-25.96	peak
3	11686.000	35.13	17.03	52.16	74.00	-21.84	peak
4	13528.500	33.49	19.17	52.66	74.00	-21.34	peak
5	14716.500	34.13	17.48	51.61	74.00	-22.39	peak
6	16603.000	36.11	17.75	53.86	74.00	-20.14	peak

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

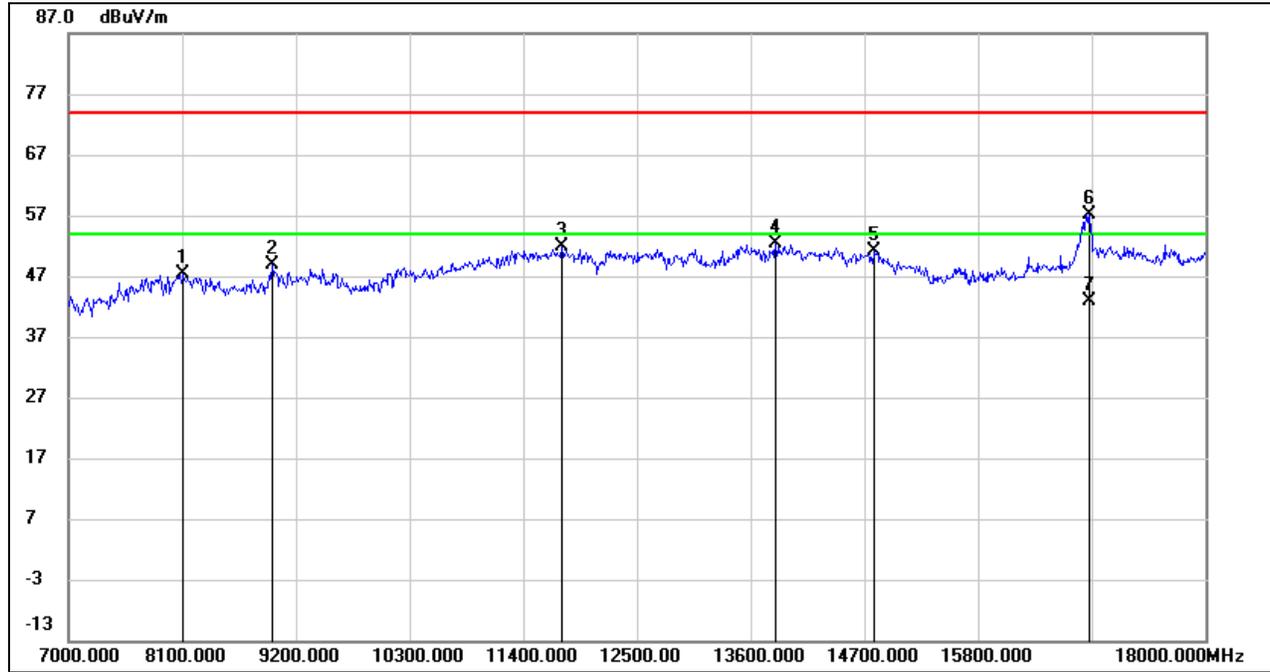


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8127.500	38.15	9.45	47.60	74.00	-26.40	peak
2	9585.000	36.90	10.98	47.88	74.00	-26.12	peak
3	11510.000	36.23	16.46	52.69	74.00	-21.31	peak
4	12665.000	35.19	17.05	52.24	74.00	-21.76	peak
5	14238.000	32.66	18.95	51.61	74.00	-22.39	peak
6	17697.500	29.07	23.31	52.38	74.00	-21.62	peak

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



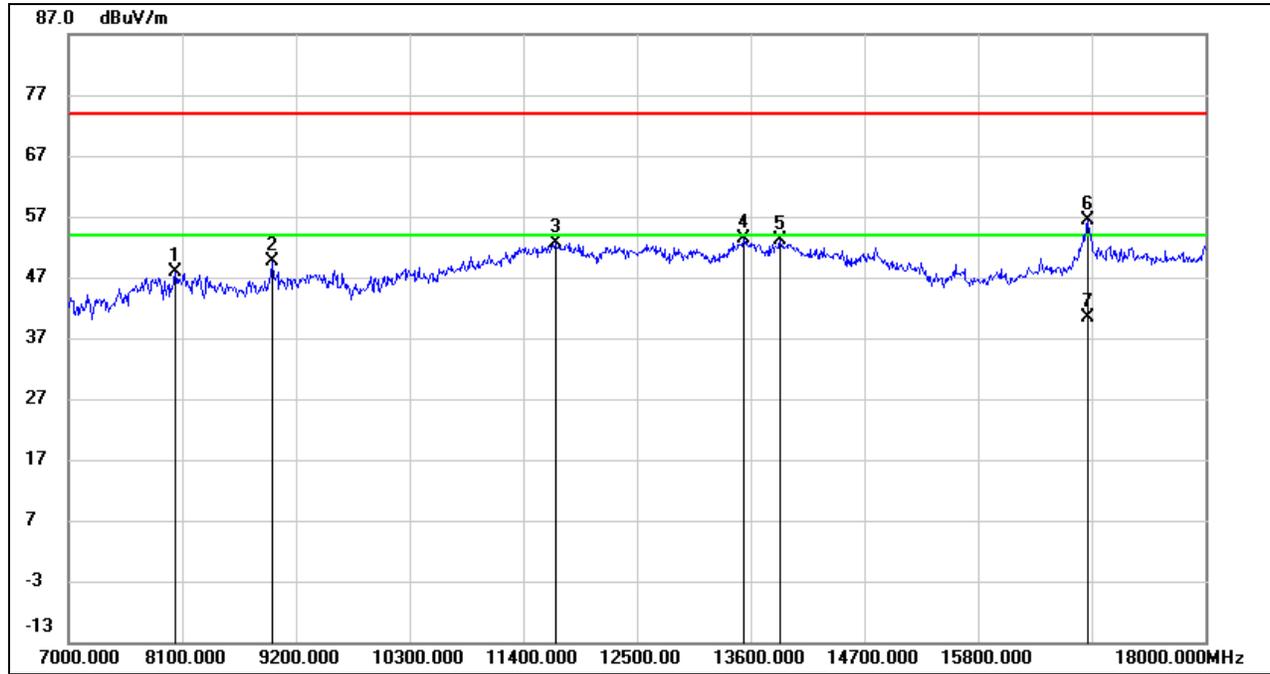
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8116.500	37.98	9.49	47.47	74.00	-26.53	peak
2	8974.500	38.67	10.28	48.95	74.00	-25.05	peak
3	11774.000	34.83	17.02	51.85	74.00	-22.15	peak
4	13842.000	33.12	19.37	52.49	74.00	-21.51	peak
5	14804.500	33.65	17.51	51.16	74.00	-22.84	peak
6	16883.500	37.62	19.57	57.19	74.00	-16.81	peak
7	16883.500	23.29	19.57	42.86	54.00	-11.14	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 (HIGH CHANNEL, VERTICAL)

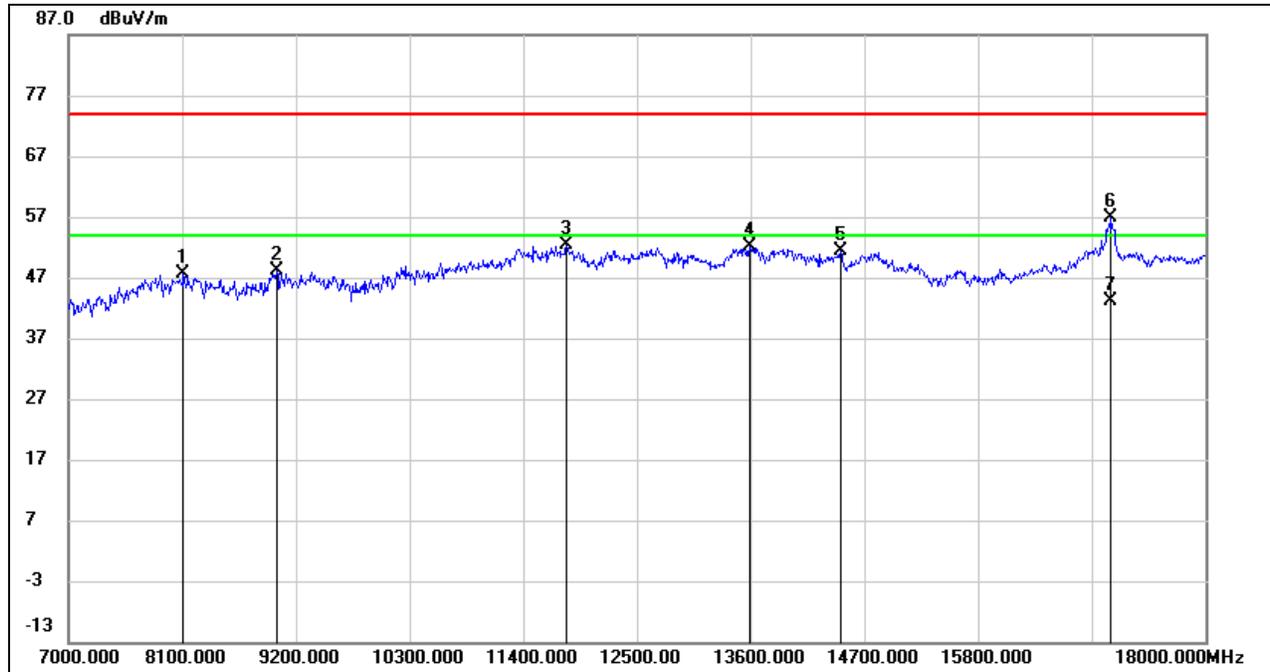


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8034.000	39.26	8.55	47.81	74.00	-26.19	peak
2	8974.500	39.33	10.28	49.61	74.00	-24.39	peak
3	11708.000	35.60	17.10	52.70	74.00	-21.30	peak
4	13534.000	34.12	19.16	53.28	74.00	-20.72	peak
5	13886.000	33.78	19.31	53.09	74.00	-20.91	peak
6	16856.000	37.01	19.29	56.30	74.00	-17.70	peak
7	16856.000	21.14	19.29	40.43	54.00	-13.57	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 138 – PCB ANTENNA

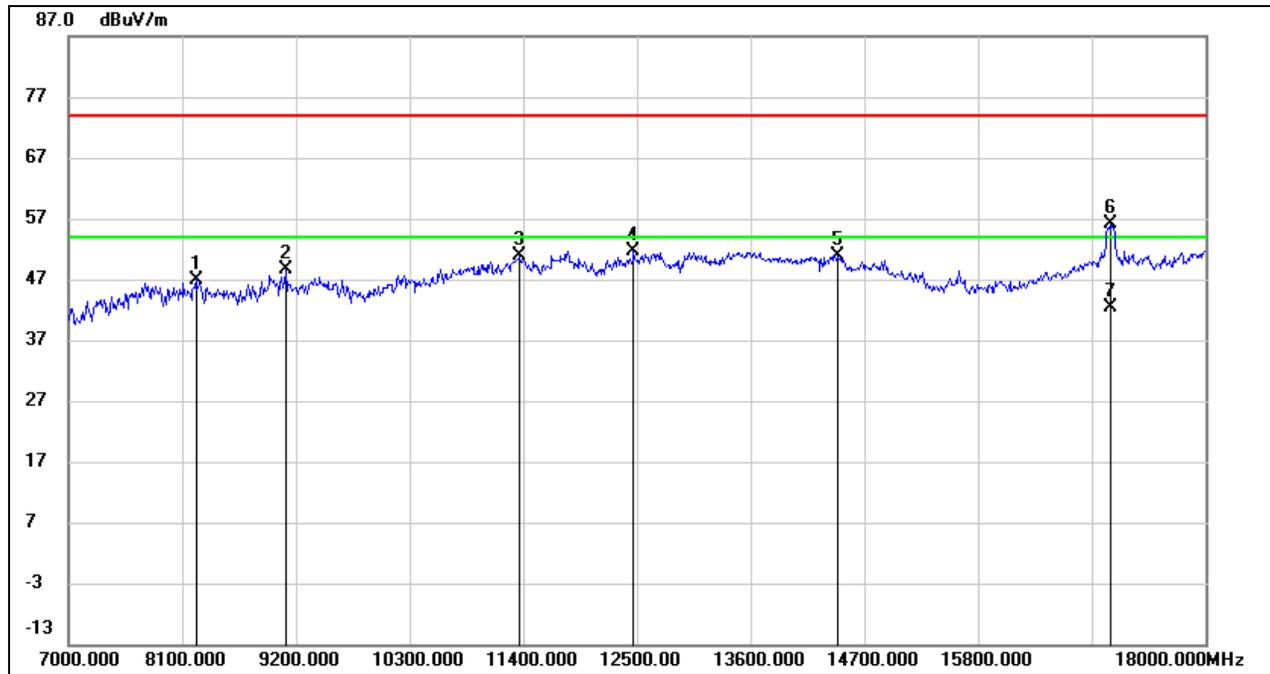
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8116.500	38.13	9.49	47.62	74.00	-26.38	peak
2	9013.000	37.40	10.63	48.03	74.00	-25.97	peak
3	11823.500	35.39	17.05	52.44	74.00	-21.56	peak
4	13594.500	33.20	19.04	52.24	74.00	-21.76	peak
5	14474.500	33.64	17.64	51.28	74.00	-22.72	peak
6	17087.000	36.67	20.28	56.95	74.00	-17.05	peak
7	17087.000	22.90	20.28	43.18	54.00	-10.82	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

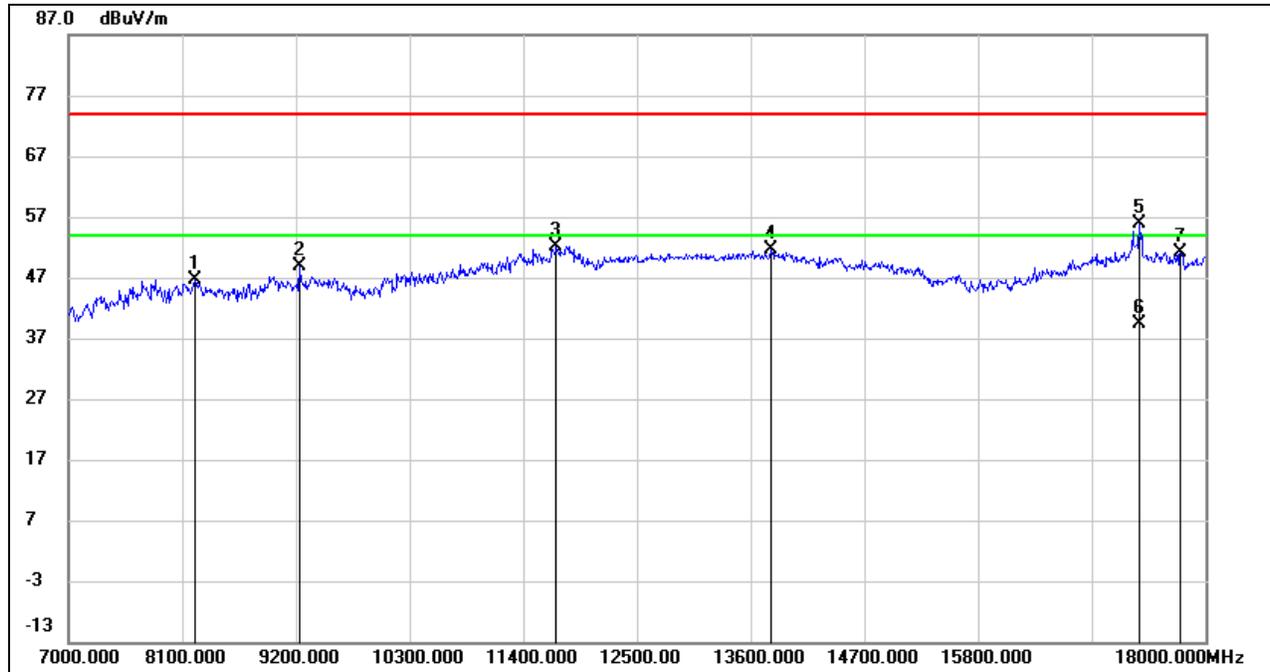


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	38.41	8.59	47.00	74.00	-27.00	peak
2	9101.000	39.16	9.53	48.69	74.00	-25.31	peak
3	11367.000	35.12	15.67	50.79	74.00	-23.21	peak
4	12467.000	34.91	16.74	51.65	74.00	-22.35	peak
5	14436.000	33.71	17.27	50.98	74.00	-23.02	peak
6	17087.000	37.05	19.05	56.10	74.00	-17.90	peak
7	17087.000	23.21	19.05	42.26	54.00	-11.74	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 – PCB ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

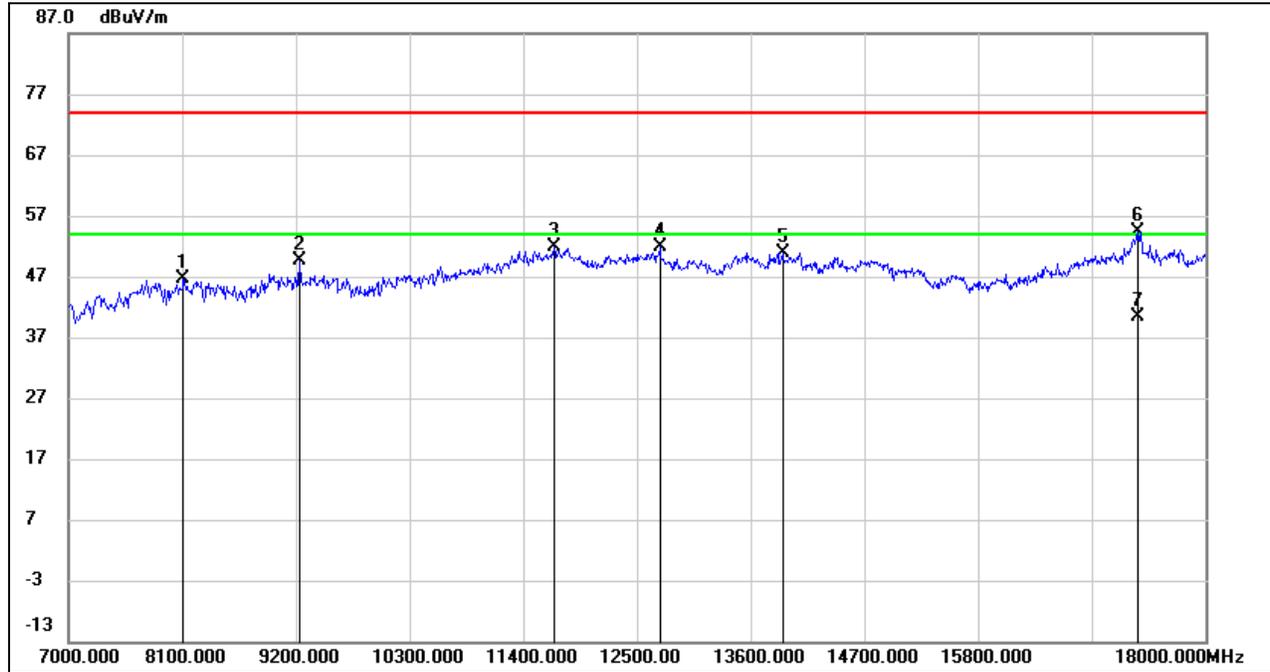


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8226.500	37.93	8.61	46.54	74.00	-27.46	peak
2	9238.500	39.79	9.17	48.96	74.00	-25.04	peak
3	11724.500	35.23	16.95	52.18	74.00	-21.82	peak
4	13798.000	32.95	18.78	51.73	74.00	-22.27	peak
5	17367.500	36.09	19.82	55.91	74.00	-18.09	peak
6	17367.500	19.63	19.82	39.45	54.00	-14.55	AVG
7	17758.000	28.76	22.42	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)

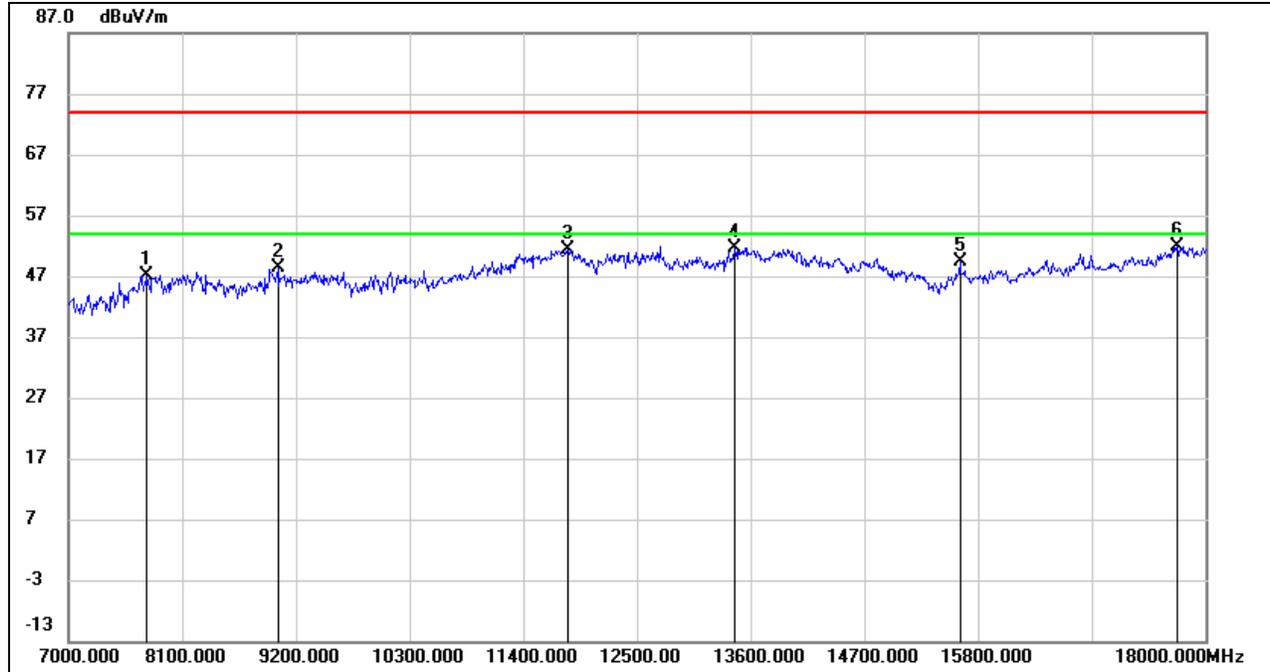


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.61	7.99	46.60	74.00	-27.40	peak
2	9238.500	40.47	9.17	49.64	74.00	-24.36	peak
3	11702.500	34.95	16.83	51.78	74.00	-22.22	peak
4	12725.500	34.85	16.91	51.76	74.00	-22.24	peak
5	13913.500	32.32	18.65	50.97	74.00	-23.03	peak
6	17345.500	34.66	19.81	54.47	74.00	-19.53	peak
7	17345.500	20.51	19.81	40.32	54.00	-13.68	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-1 BAND – FPC ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

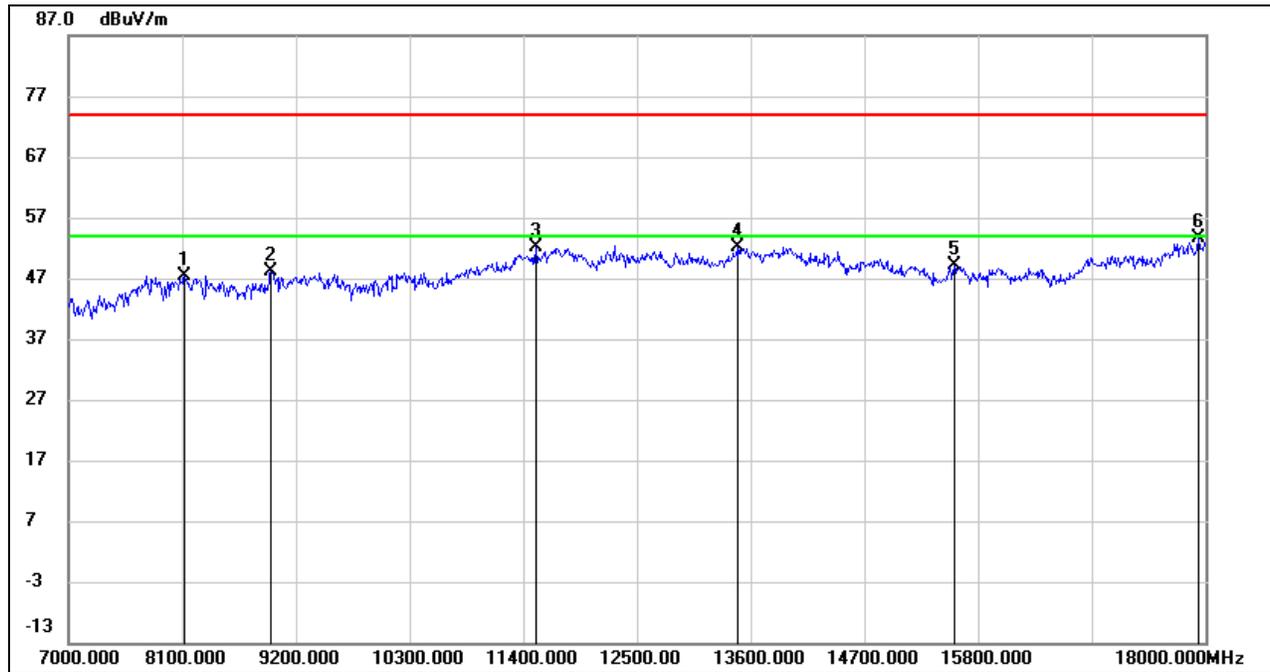


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	38.91	8.34	47.25	74.00	-26.75	peak
2	9024.000	37.82	10.53	48.35	74.00	-25.65	peak
3	11829.000	34.28	17.05	51.33	74.00	-22.67	peak
4	13446.000	32.65	19.06	51.71	74.00	-22.29	peak
5	15624.000	33.77	15.64	49.41	74.00	-24.59	peak
6	17725.000	28.43	23.54	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

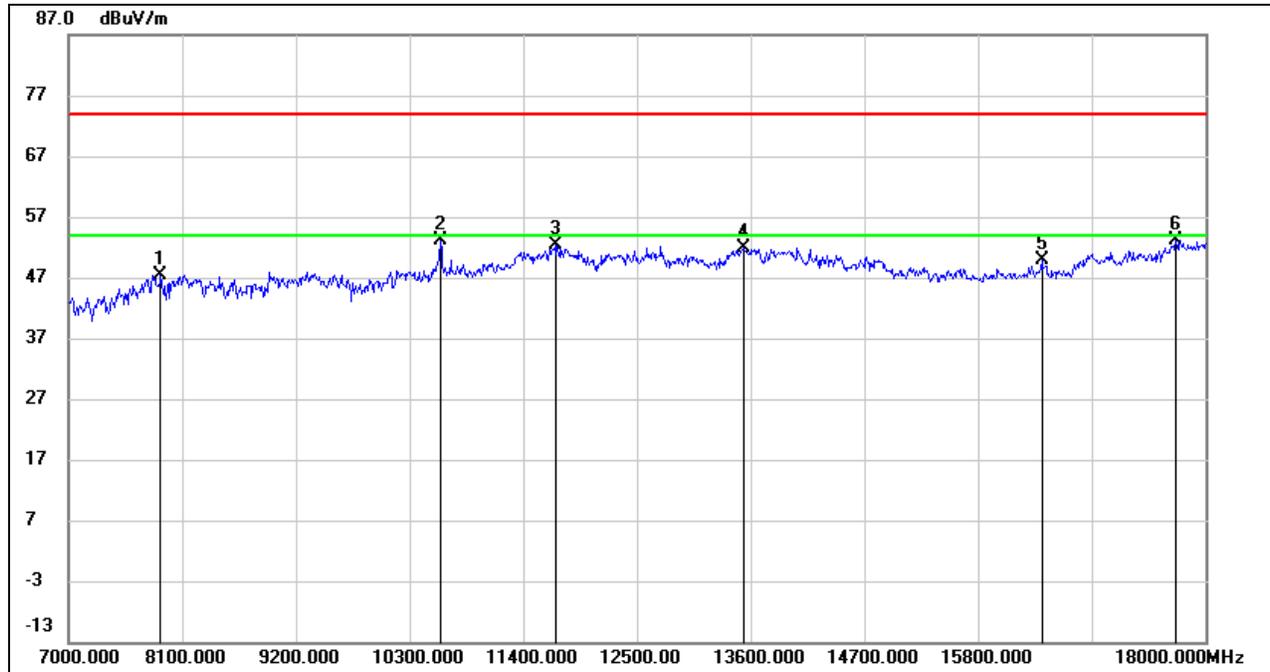


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.99	9.47	47.46	74.00	-26.54	peak
2	8958.000	38.08	9.96	48.04	74.00	-25.96	peak
3	11521.000	35.65	16.46	52.11	74.00	-21.89	peak
4	13468.000	33.03	19.12	52.15	74.00	-21.85	peak
5	15569.000	33.72	15.49	49.21	74.00	-24.79	peak
6	17934.000	29.15	24.53	53.68	74.00	-20.32	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-2A BAND – FPC ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

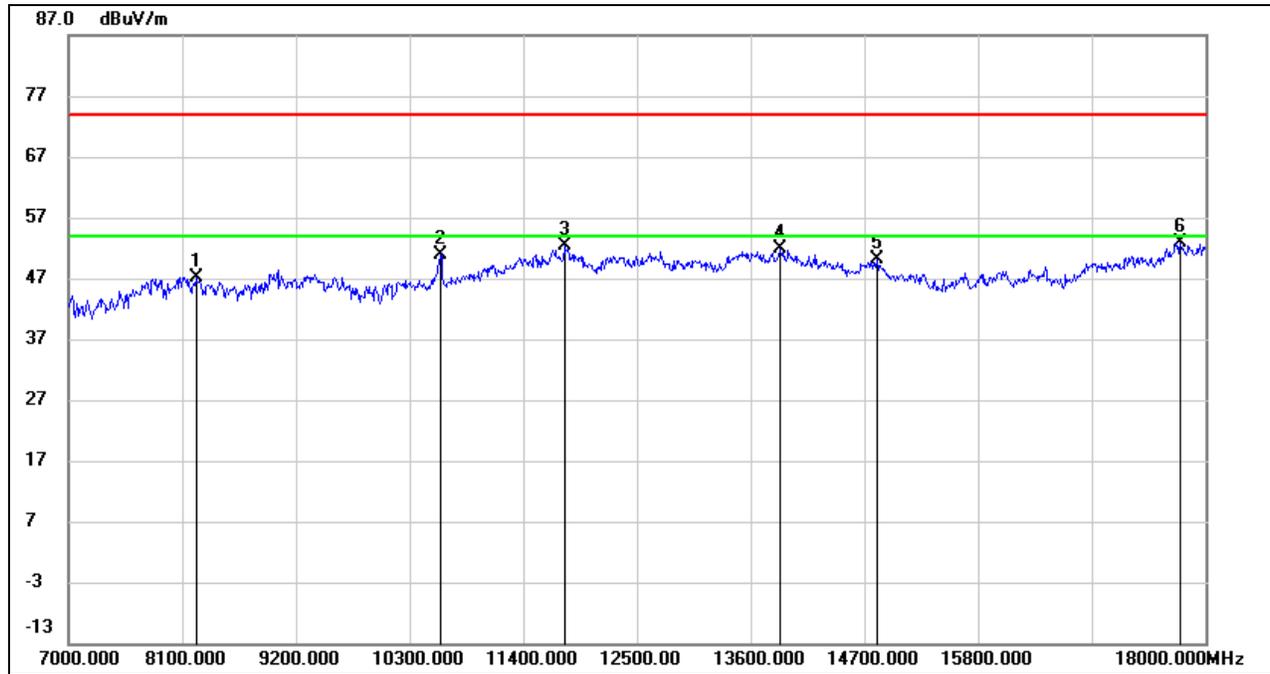


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	39.09	8.27	47.36	74.00	-26.64	peak
2	10597.000	39.86	13.26	53.12	74.00	-20.88	peak
3	11708.000	35.18	17.10	52.28	74.00	-21.72	peak
4	13534.000	32.81	19.16	51.97	74.00	-22.03	peak
5	16416.000	32.69	17.23	49.92	74.00	-24.08	peak
6	17714.000	29.77	23.45	53.22	74.00	-20.78	peak

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



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

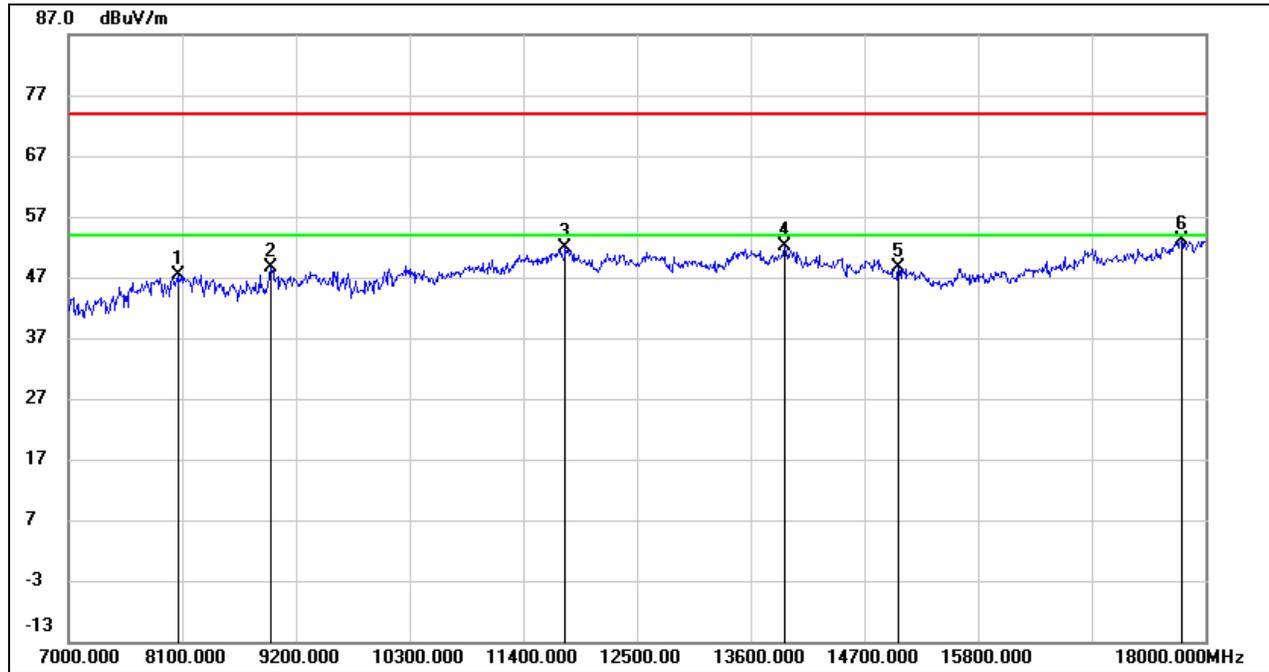


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	37.98	9.13	47.11	74.00	-26.89	peak
2	10597.000	37.72	13.26	50.98	74.00	-23.02	peak
3	11796.000	35.28	16.99	52.27	74.00	-21.73	peak
4	13886.000	32.61	19.31	51.92	74.00	-22.08	peak
5	14821.000	32.82	17.36	50.18	74.00	-23.82	peak
6	17758.000	29.04	23.83	52.87	74.00	-21.13	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 – FPC ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

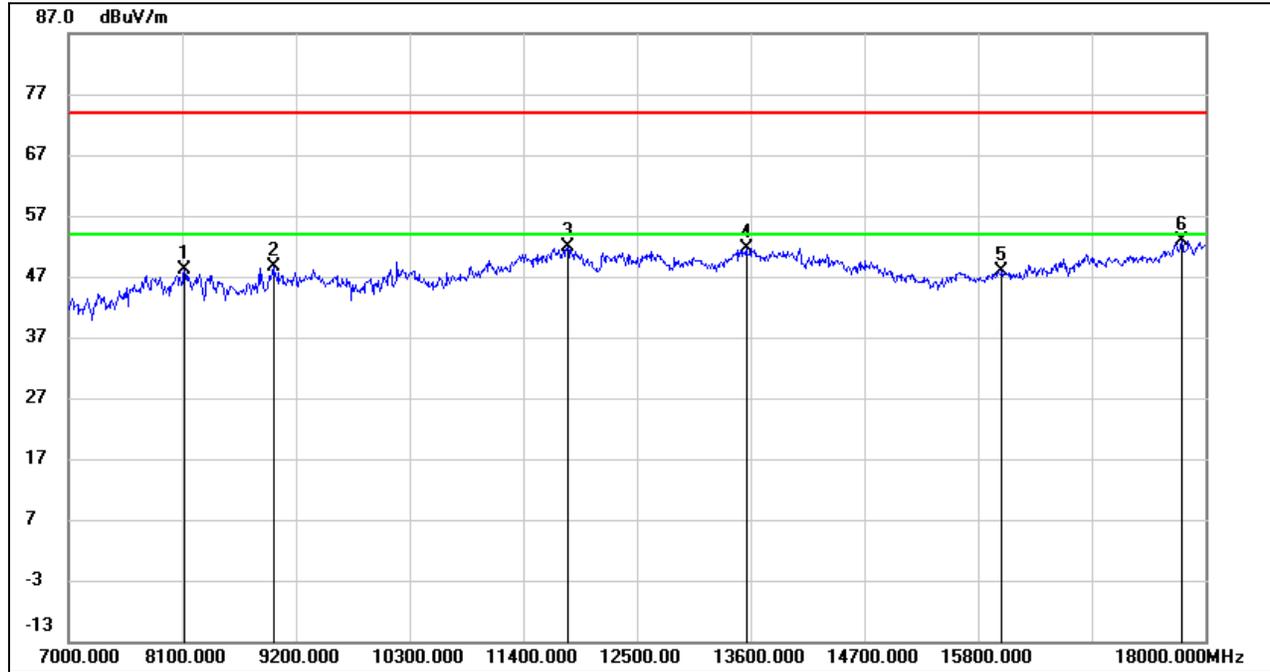


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8056.000	38.57	8.89	47.46	74.00	-26.54	peak
2	8958.000	38.58	9.96	48.54	74.00	-25.46	peak
3	11807.000	34.81	17.01	51.82	74.00	-22.18	peak
4	13930.000	32.93	19.31	52.24	74.00	-21.76	peak
5	15030.000	32.04	16.53	48.57	74.00	-25.43	peak
6	17769.000	29.24	23.92	53.16	74.00	-20.84	peak

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



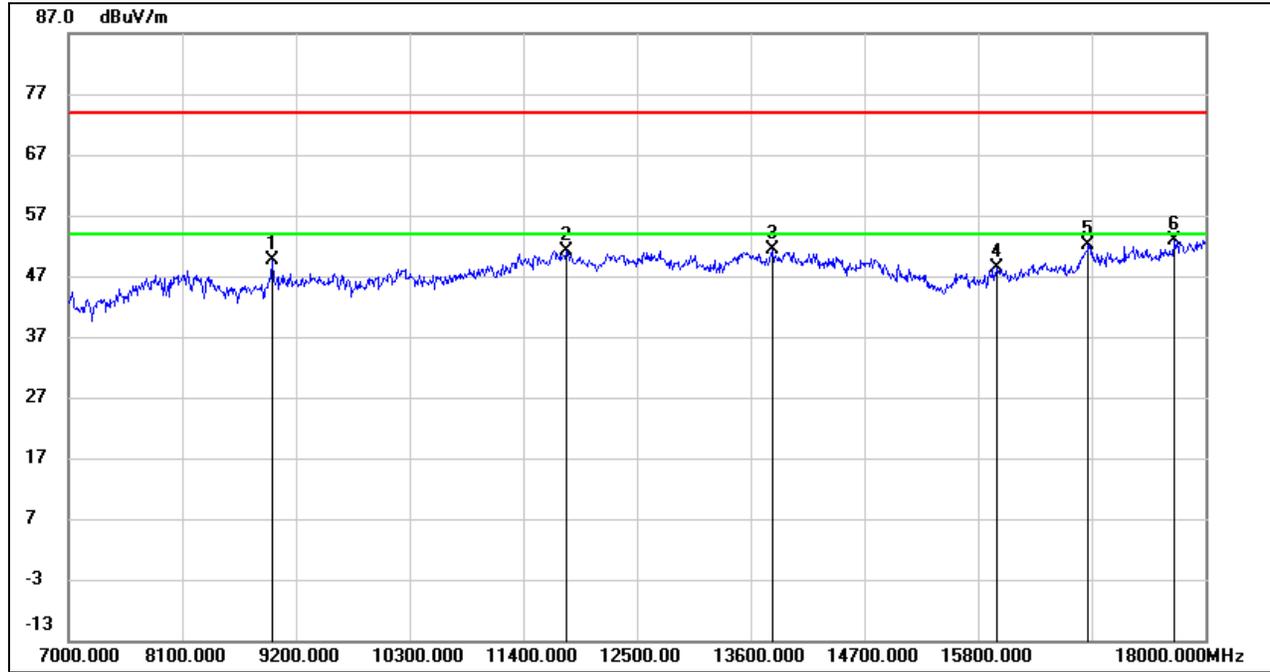
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	38.70	9.47	48.17	74.00	-25.83	peak
2	8980.000	38.26	10.39	48.65	74.00	-25.35	peak
3	11829.000	34.87	17.05	51.92	74.00	-22.08	peak
4	13556.000	32.61	19.11	51.72	74.00	-22.28	peak
5	16031.000	32.12	15.73	47.85	74.00	-26.15	peak
6	17769.000	29.03	23.92	52.95	74.00	-21.05	peak

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

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

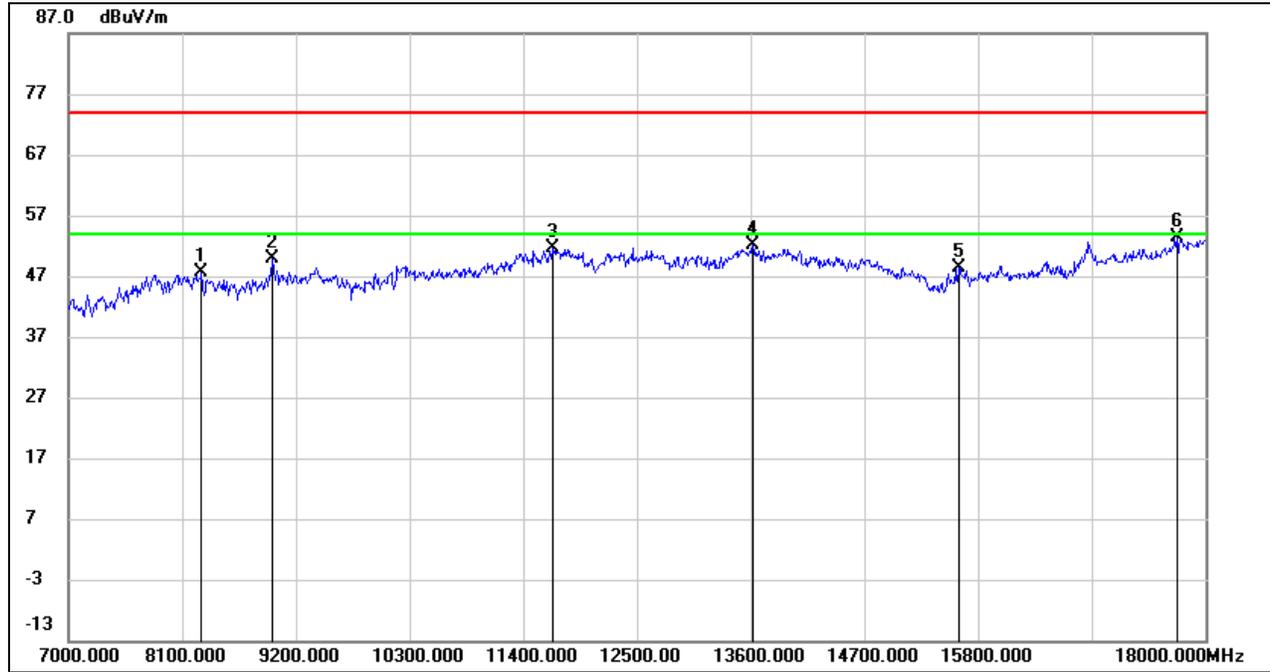


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8969.000	39.42	10.17	49.59	74.00	-24.41	peak
2	11818.000	34.14	17.02	51.16	74.00	-22.84	peak
3	13809.000	31.91	19.42	51.33	74.00	-22.67	peak
4	15987.000	32.62	15.69	48.31	74.00	-25.69	peak
5	16867.000	32.85	19.40	52.25	74.00	-21.75	peak
6	17703.000	29.62	23.36	52.98	74.00	-21.02	peak

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



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

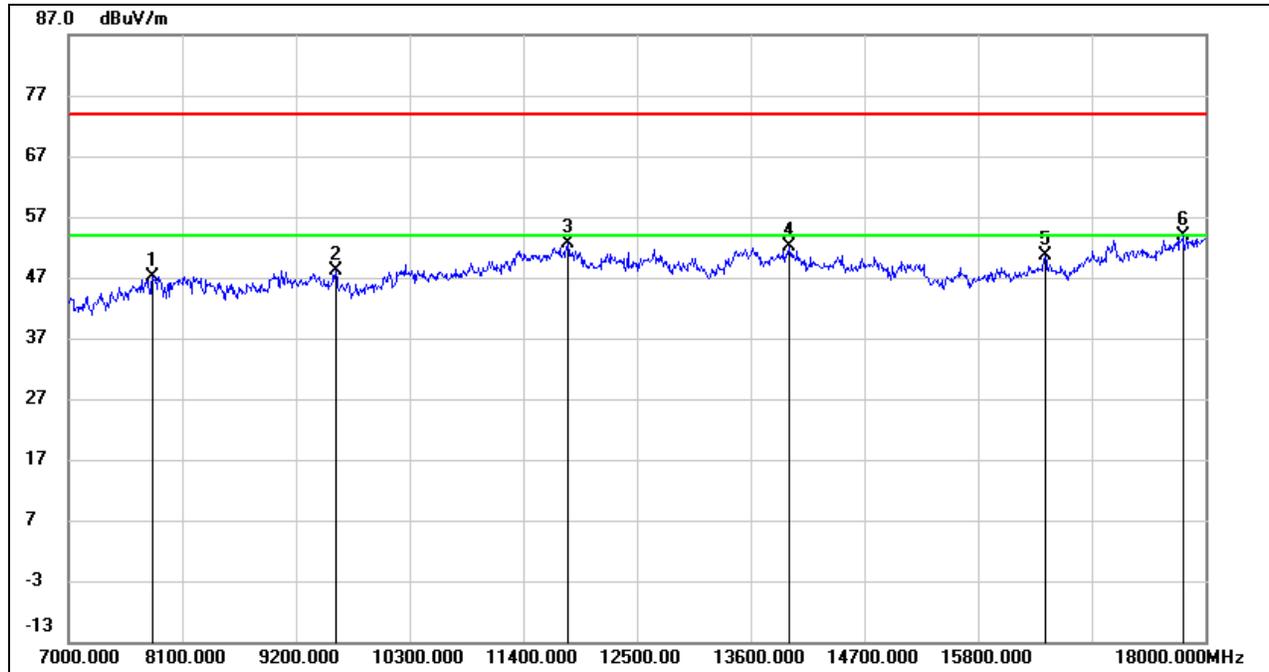


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	38.48	9.05	47.53	74.00	-26.47	peak
2	8969.000	39.59	10.17	49.76	74.00	-24.24	peak
3	11686.000	34.52	17.03	51.55	74.00	-22.45	peak
4	13622.000	32.99	19.13	52.12	74.00	-21.88	peak
5	15613.000	32.75	15.64	48.39	74.00	-25.61	peak
6	17725.000	29.80	23.54	53.34	74.00	-20.66	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

STRADDLE CHANNEL 138 – FPC ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

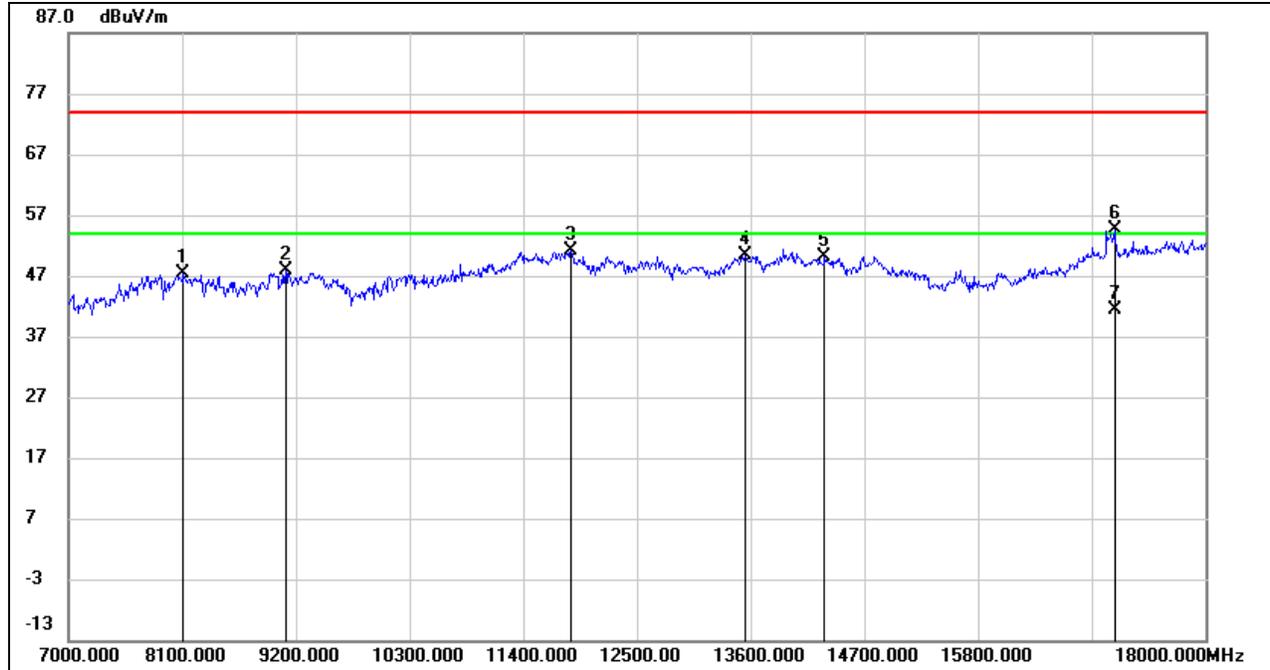


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	38.58	8.64	47.22	74.00	-26.78	peak
2	9585.000	37.09	10.98	48.07	74.00	-25.93	peak
3	11829.000	35.63	17.05	52.68	74.00	-21.32	peak
4	13974.000	32.70	19.34	52.04	74.00	-21.96	peak
5	16449.000	33.33	17.26	50.59	74.00	-23.41	peak
6	17780.000	29.84	24.02	53.86	74.00	-20.14	peak

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

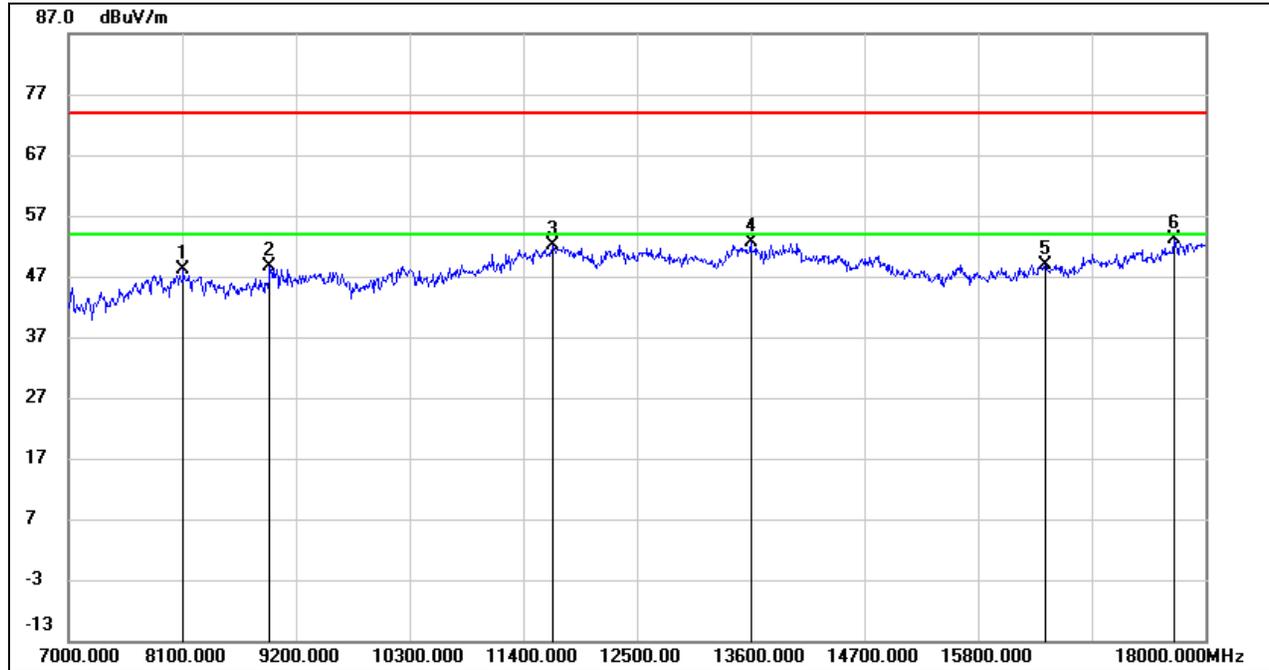


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	37.77	9.52	47.29	74.00	-26.71	peak
2	9101.000	38.06	9.72	47.78	74.00	-26.22	peak
3	11862.000	33.99	17.14	51.13	74.00	-22.87	peak
4	13545.000	31.25	19.13	50.38	74.00	-23.62	peak
5	14315.000	31.33	18.84	50.17	74.00	-23.83	peak
6	17120.000	34.08	20.46	54.54	74.00	-19.46	peak
7	17120.000	20.89	20.46	41.35	54.00	-12.65	AVG

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

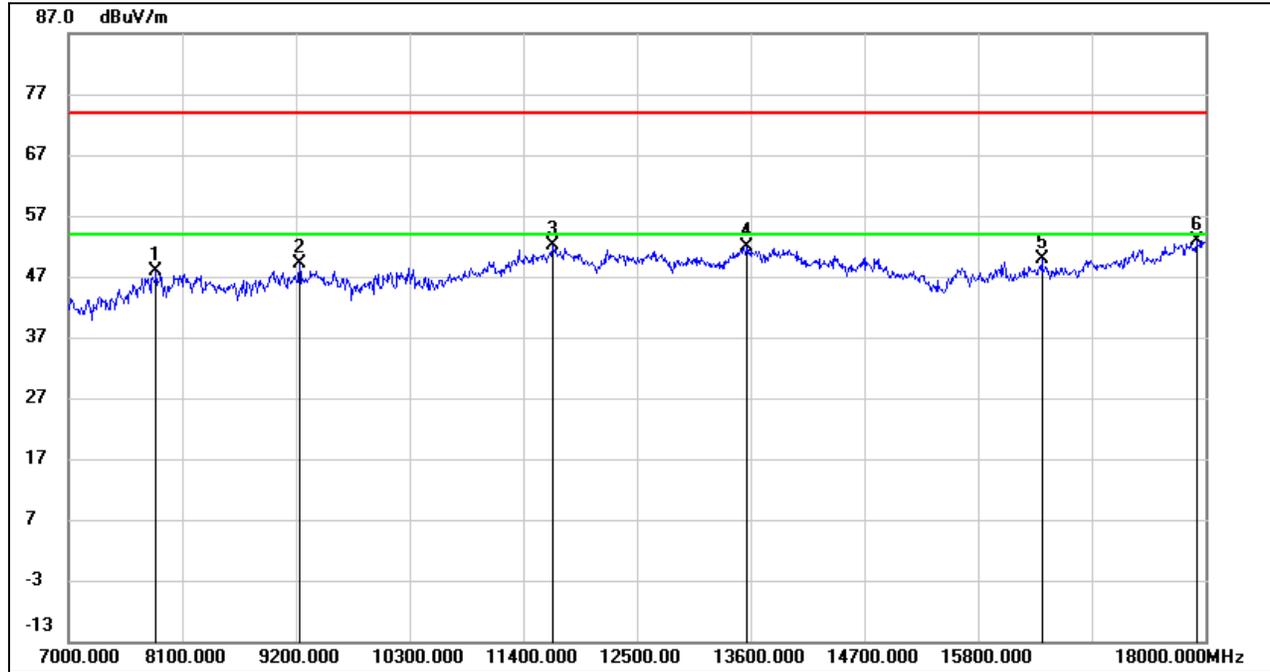
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.60	9.52	48.12	74.00	-25.88	peak
2	8947.000	38.90	9.75	48.65	74.00	-25.35	peak
3	11686.000	35.08	17.03	52.11	74.00	-21.89	peak
4	13600.000	33.55	19.04	52.59	74.00	-21.41	peak
5	16449.000	31.70	17.26	48.96	74.00	-25.04	peak
6	17703.000	29.70	23.36	53.06	74.00	-20.94	peak

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

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

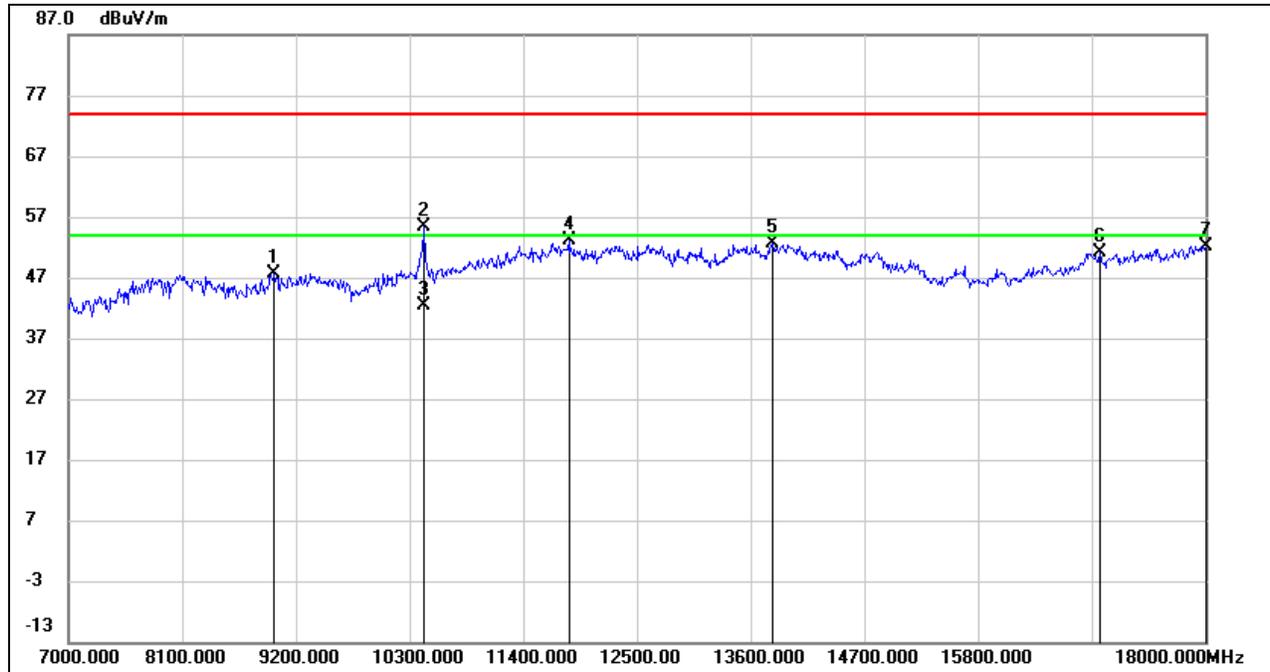


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	39.27	8.49	47.76	74.00	-26.24	peak
2	9233.000	39.27	9.76	49.03	74.00	-24.97	peak
3	11686.000	34.99	17.03	52.02	74.00	-21.98	peak
4	13567.000	32.81	19.10	51.91	74.00	-22.09	peak
5	16416.000	32.74	17.23	49.97	74.00	-24.03	peak
6	17912.000	28.42	24.39	52.81	74.00	-21.19	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.

UNII-1 BAND – PIFA ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

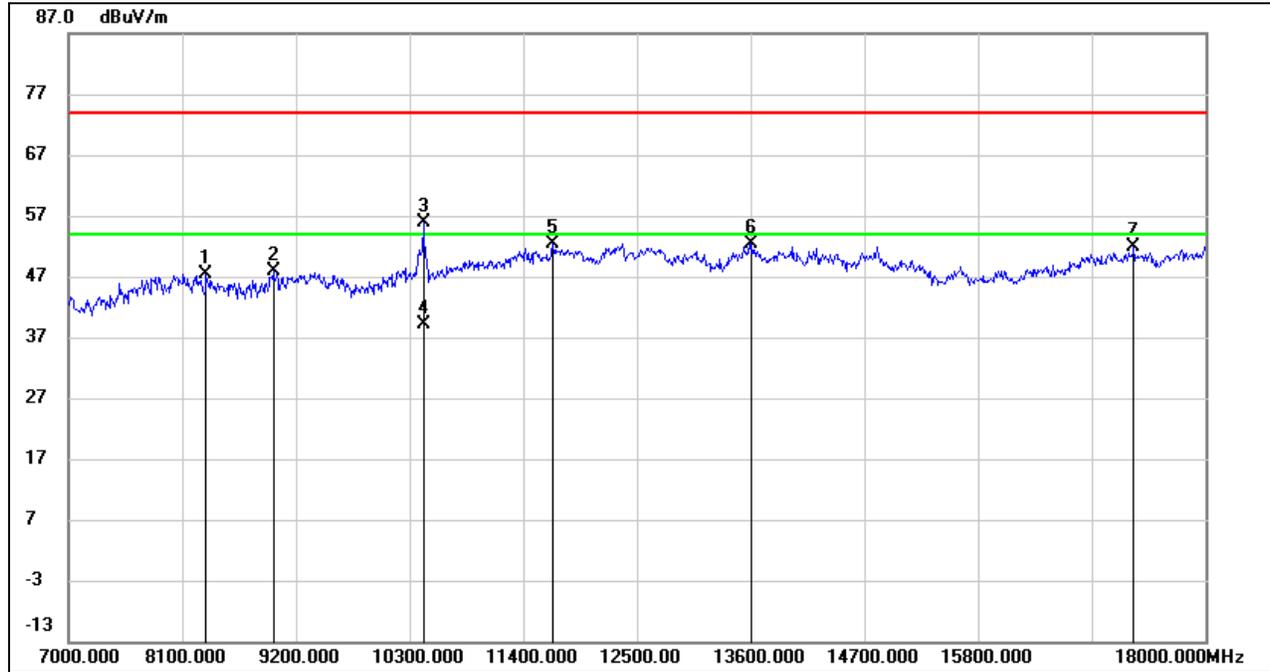


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	37.06	10.60	47.66	74.00	-26.34	peak
2	10443.000	42.62	12.80	55.42	74.00	-18.58	peak
3	10443.000	29.52	12.80	42.32	54.00	-11.68	AVG
4	11840.000	36.10	17.08	53.18	74.00	-20.82	peak
5	13809.000	33.14	19.42	52.56	74.00	-21.44	peak
6	16977.000	31.45	19.58	51.03	74.00	-22.97	peak
7	18000.000	27.27	24.97	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



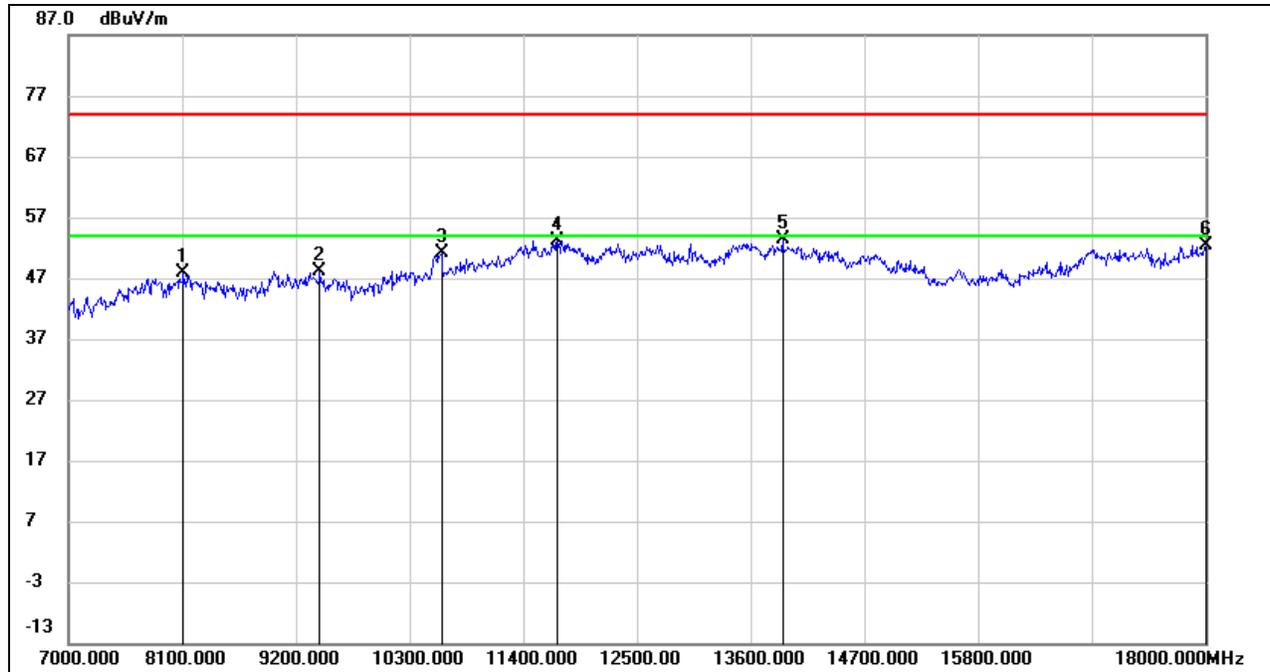
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	38.53	8.92	47.45	74.00	-26.55	peak
2	8980.000	37.37	10.39	47.76	74.00	-26.24	peak
3	10432.000	42.99	12.78	55.77	74.00	-18.23	peak
4	10432.000	26.45	12.78	39.23	54.00	-14.77	AVG
5	11686.000	35.41	17.03	52.44	74.00	-21.56	peak
6	13611.000	33.38	19.09	52.47	74.00	-21.53	peak
7	17307.000	30.34	21.47	51.81	74.00	-22.19	peak

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



UNII-2A BAND – PIFA ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

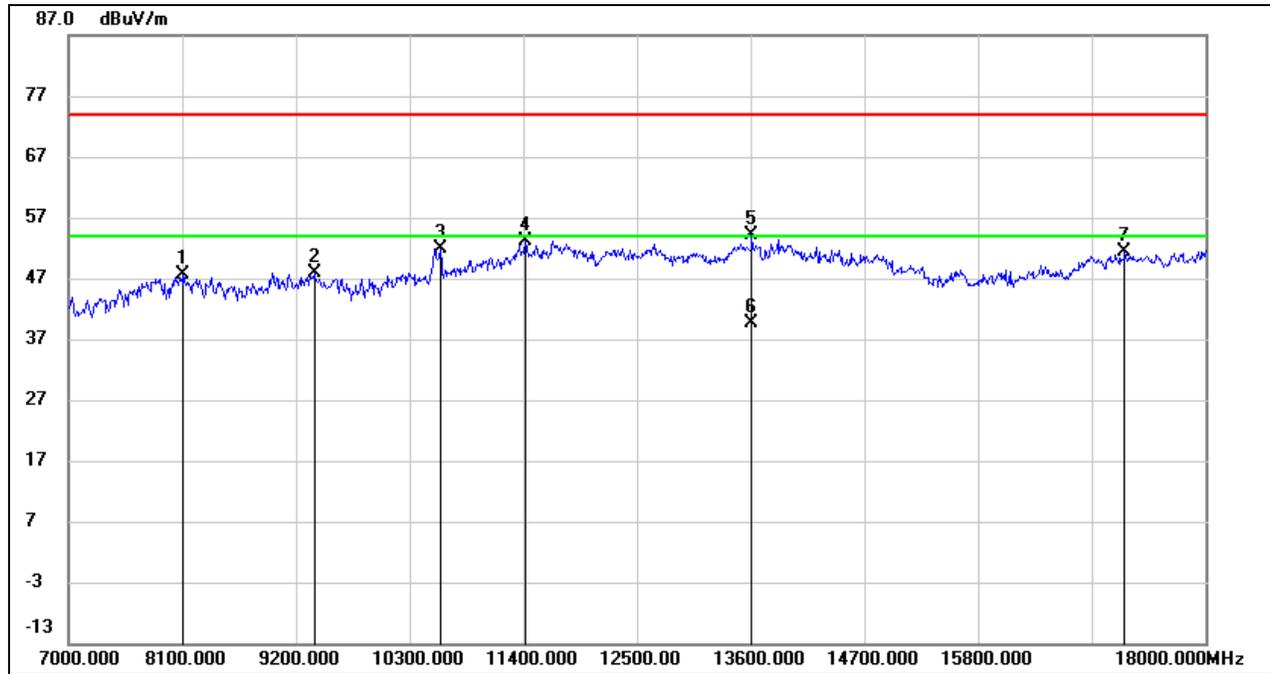


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.41	9.52	47.93	74.00	-26.07	peak
2	9431.000	37.39	10.68	48.07	74.00	-25.93	peak
3	10608.000	37.78	13.29	51.07	74.00	-22.93	peak
4	11730.000	36.04	17.07	53.11	74.00	-20.89	peak
5	13908.000	34.02	19.30	53.32	74.00	-20.68	peak
6	18000.000	27.48	24.97	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



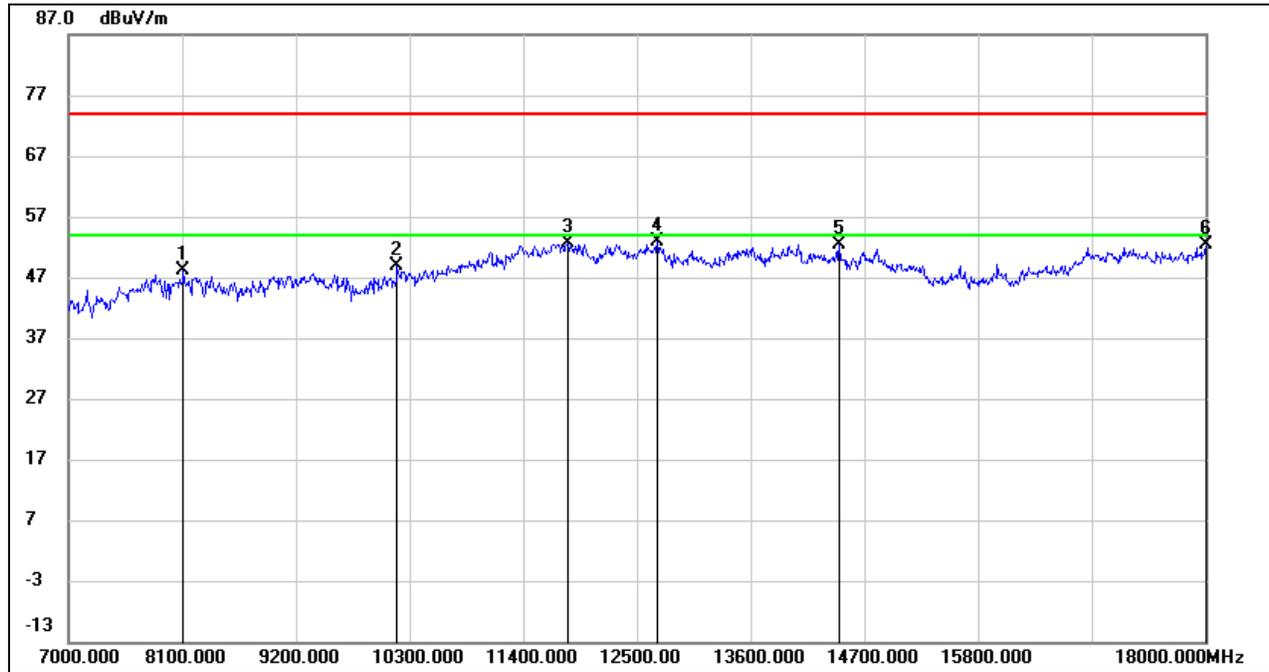
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.07	9.52	47.59	74.00	-26.41	peak
2	9376.000	37.27	10.64	47.91	74.00	-26.09	peak
3	10597.000	38.73	13.26	51.99	74.00	-22.01	peak
4	11422.000	36.69	16.39	53.08	74.00	-20.92	peak
5	13611.000	34.95	19.09	54.04	74.00	-19.96	peak
6	13611.000	20.44	19.09	39.53	54.00	-14.47	AVG
7	17219.000	30.42	20.84	51.26	74.00	-22.74	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.



UNII-2C BAND – PIFA ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

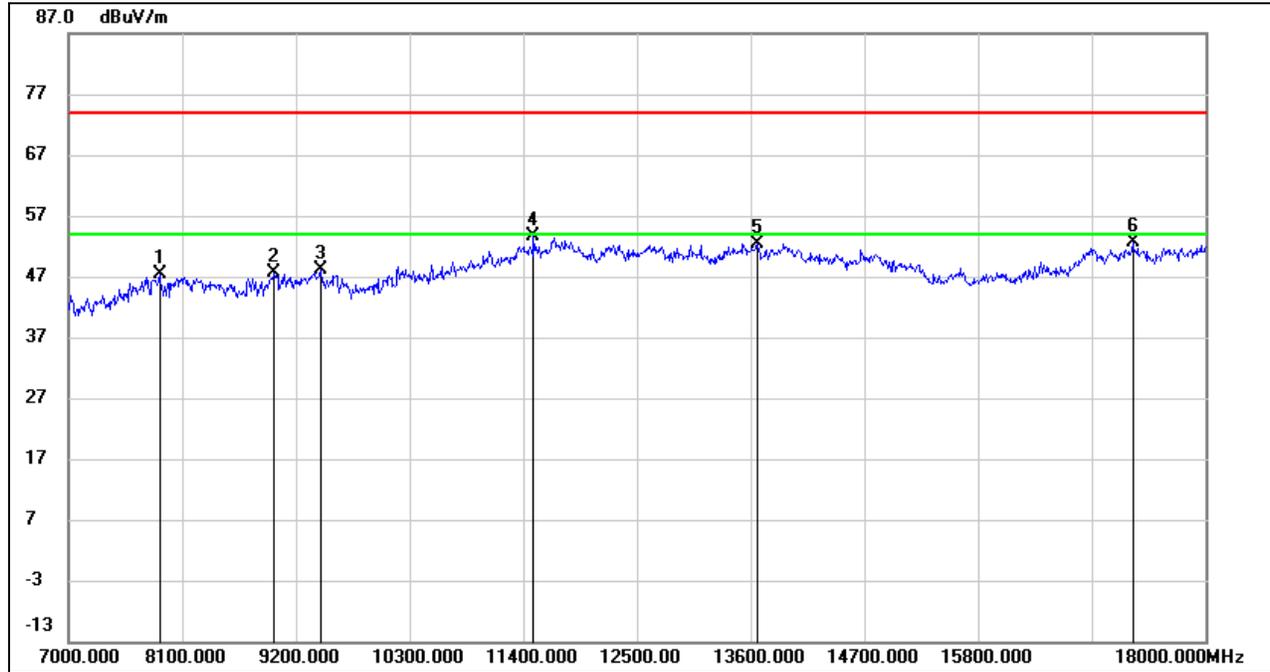


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	38.66	9.52	48.18	74.00	-25.82	peak
2	10179.000	36.94	11.97	48.91	74.00	-25.09	peak
3	11829.000	35.47	17.05	52.52	74.00	-21.48	peak
4	12698.000	35.86	17.00	52.86	74.00	-21.14	peak
5	14458.000	34.71	17.71	52.42	74.00	-21.58	peak
6	18000.000	27.32	24.97	52.29	74.00	-21.71	peak

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



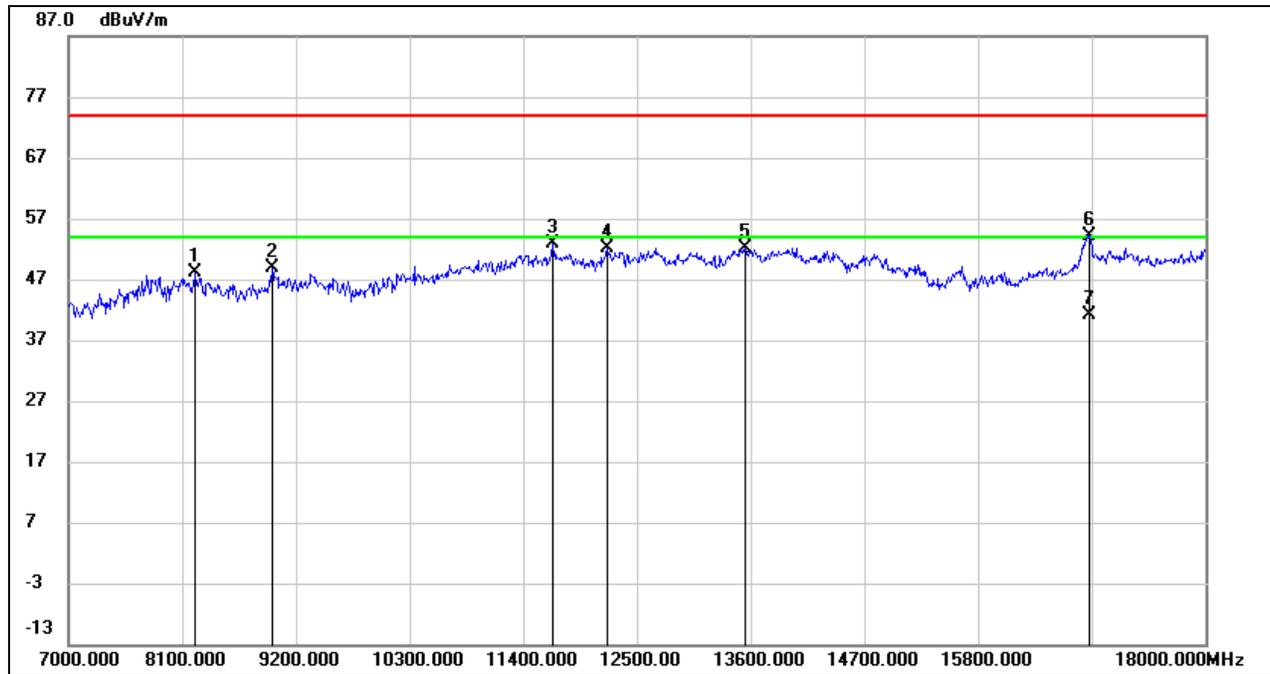
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	39.06	8.33	47.39	74.00	-26.61	peak
2	8991.000	36.96	10.60	47.56	74.00	-26.44	peak
3	9442.000	37.51	10.64	48.15	74.00	-25.85	peak
4	11499.000	37.12	16.45	53.57	74.00	-20.43	peak
5	13666.000	33.15	19.33	52.48	74.00	-21.52	peak
6	17296.000	31.05	21.48	52.53	74.00	-21.47	peak

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

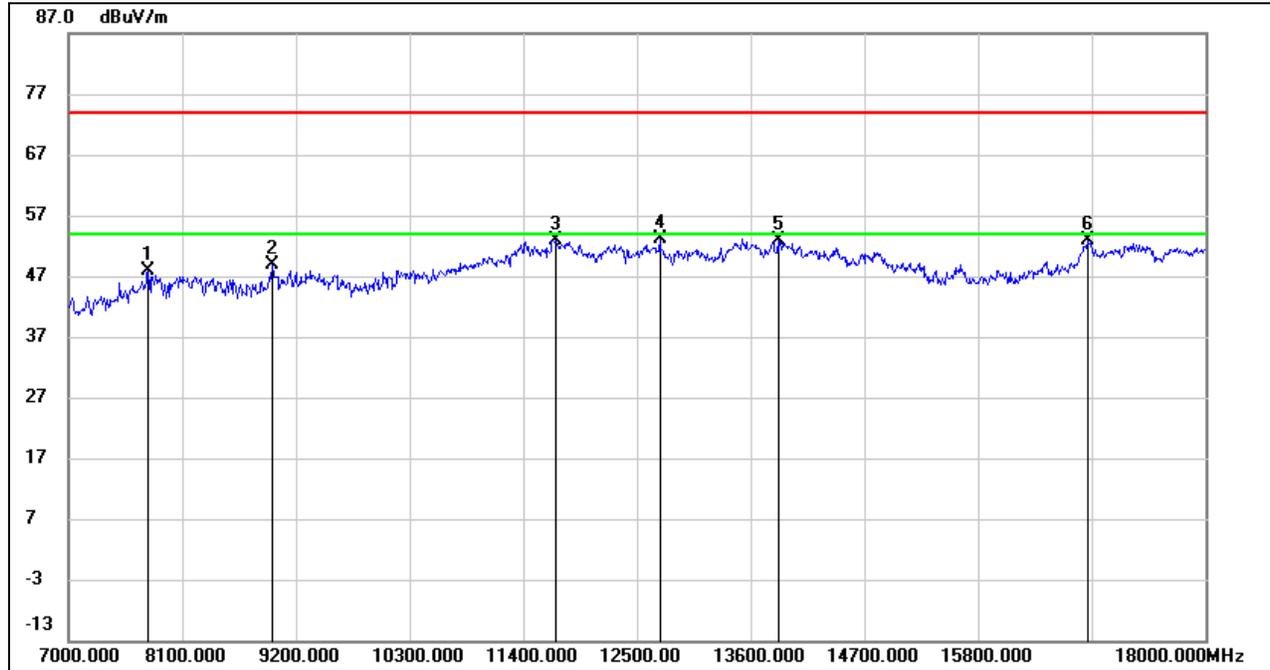
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8221.000	39.09	9.14	48.23	74.00	-25.77	peak
2	8969.000	38.68	10.17	48.85	74.00	-25.15	peak
3	11686.000	35.90	17.03	52.93	74.00	-21.07	peak
4	12214.000	34.73	17.50	52.23	74.00	-21.77	peak
5	13545.000	33.10	19.13	52.23	74.00	-21.77	peak
6	16878.000	34.70	19.51	54.21	74.00	-19.79	peak
7	16878.000	21.61	19.51	41.12	54.00	-12.88	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 (HIGH CHANNEL, VERTICAL)

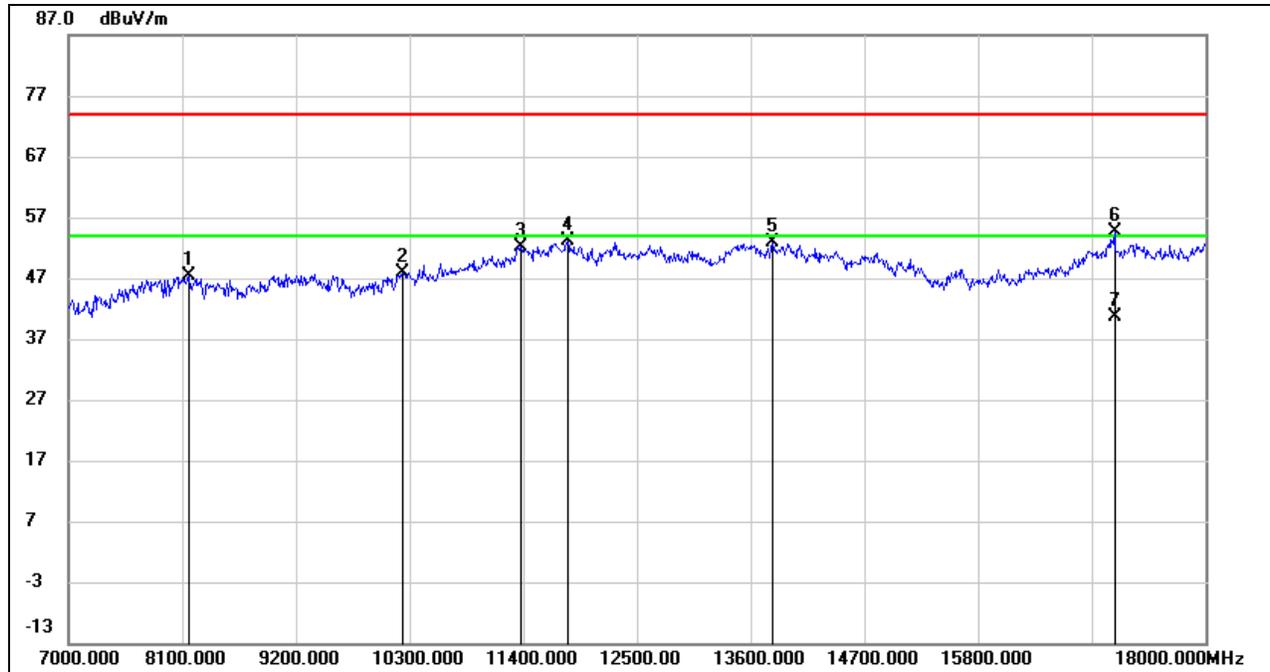


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7770.000	39.45	8.44	47.89	74.00	-26.11	peak
2	8969.000	38.81	10.17	48.98	74.00	-25.02	peak
3	11719.000	35.88	17.09	52.97	74.00	-21.03	peak
4	12720.000	36.01	17.08	53.09	74.00	-20.91	peak
5	13864.000	33.45	19.33	52.78	74.00	-21.22	peak
6	16867.000	33.37	19.40	52.77	74.00	-21.23	peak

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

STRADDLE CHANNEL 138 – PIFA ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

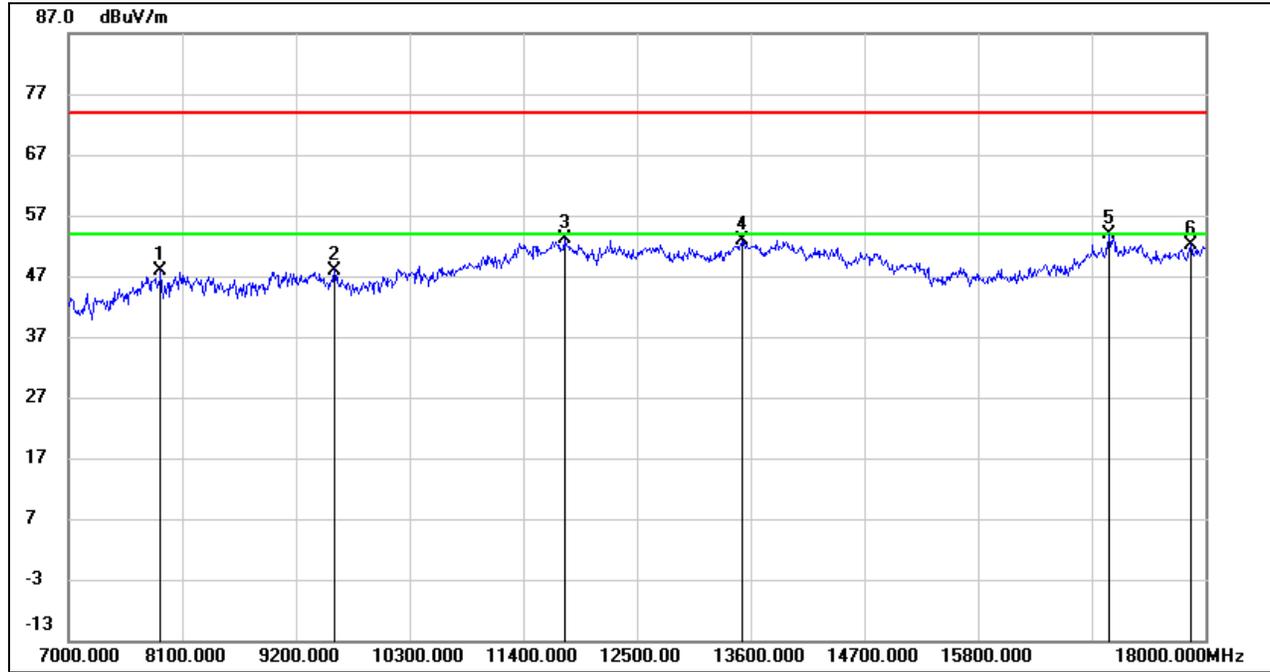


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8166.000	38.06	9.30	47.36	74.00	-26.64	peak
2	10234.000	35.76	12.16	47.92	74.00	-26.08	peak
3	11378.000	36.08	16.13	52.21	74.00	-21.79	peak
4	11829.000	36.10	17.05	53.15	74.00	-20.85	peak
5	13809.000	33.50	19.42	52.92	74.00	-21.08	peak
6	17120.000	34.27	20.46	54.73	74.00	-19.27	peak
7	17120.000	20.19	20.46	40.65	54.00	-13.35	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 (HIGH CHANNEL, VERTICAL)

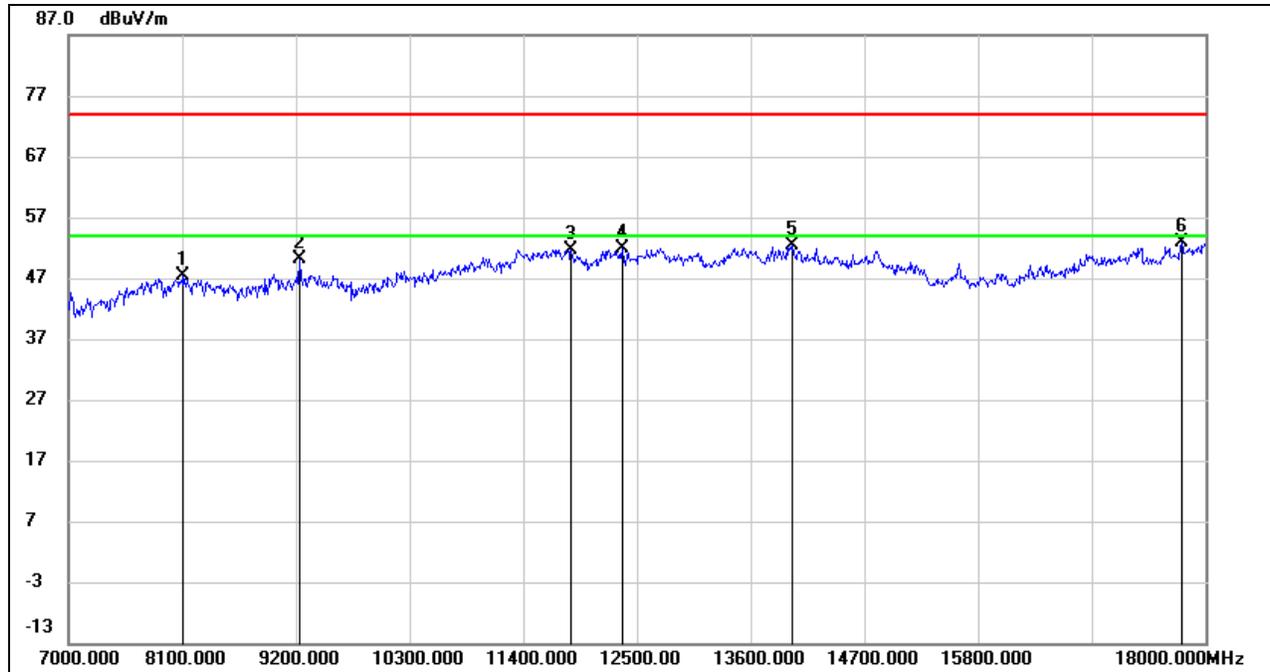


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	39.67	8.27	47.94	74.00	-26.06	peak
2	9574.000	37.10	10.90	48.00	74.00	-26.00	peak
3	11796.000	36.07	16.99	53.06	74.00	-20.94	peak
4	13523.000	33.81	19.18	52.99	74.00	-21.01	peak
5	17065.000	33.83	20.10	53.93	74.00	-20.07	peak
6	17857.000	27.85	24.26	52.11	74.00	-21.89	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.

UNII-3 BAND – PIFA ANTENNA

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

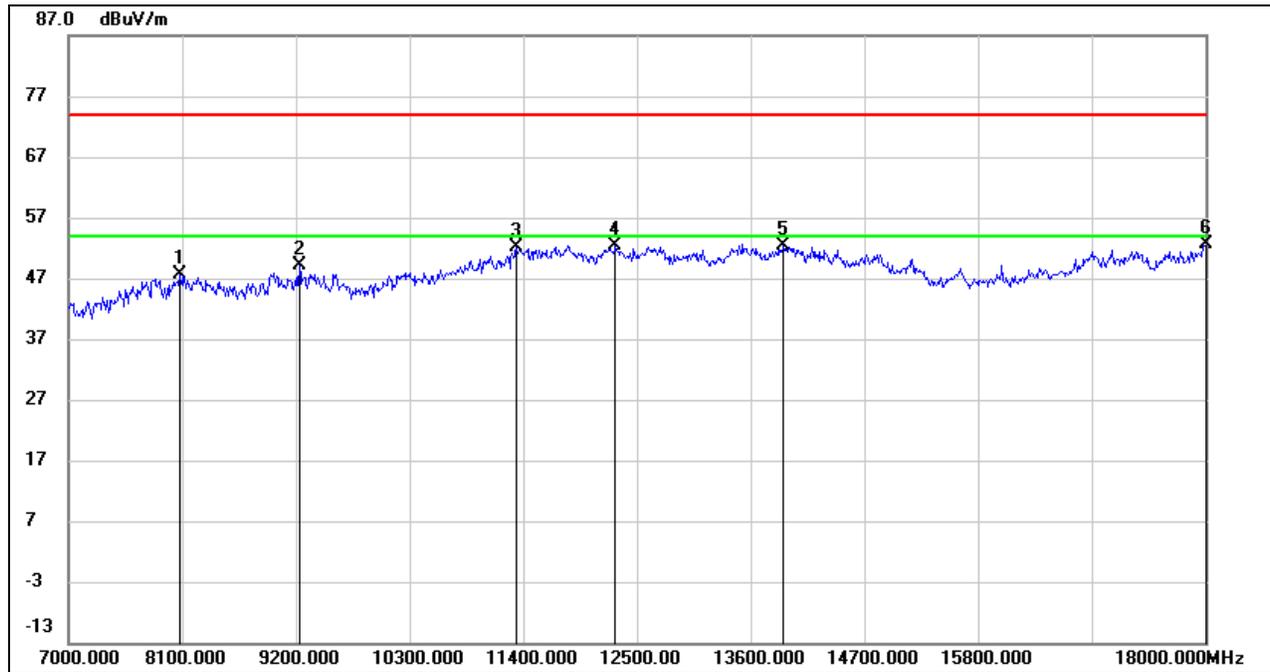


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8111.000	37.92	9.52	47.44	74.00	-26.56	peak
2	9233.000	40.36	9.76	50.12	74.00	-23.88	peak
3	11862.000	34.54	17.14	51.68	74.00	-22.32	peak
4	12357.000	34.47	17.43	51.90	74.00	-22.10	peak
5	14007.000	32.93	19.34	52.27	74.00	-21.73	peak
6	17769.000	28.92	23.92	52.84	74.00	-21.16	peak

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



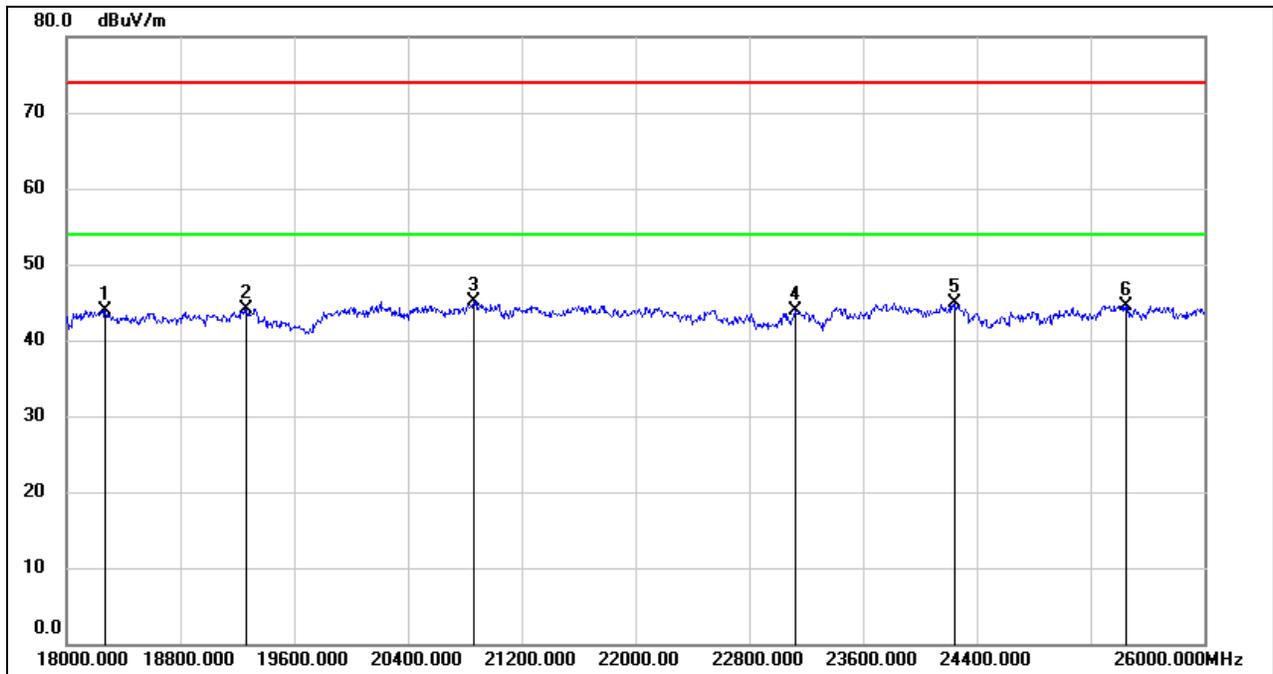
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8078.000	38.39	9.22	47.61	74.00	-26.39	peak
2	9233.000	39.33	9.76	49.09	74.00	-24.91	peak
3	11334.000	36.46	15.65	52.11	74.00	-21.89	peak
4	12291.000	34.93	17.55	52.48	74.00	-21.52	peak
5	13919.000	33.17	19.30	52.47	74.00	-21.53	peak
6	18000.000	27.65	24.97	52.62	74.00	-21.38	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: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
 5. For the transmitting duration, please refer to clause 7.1.
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 802.11n HT40 MODE – PCB ANTENNA

SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

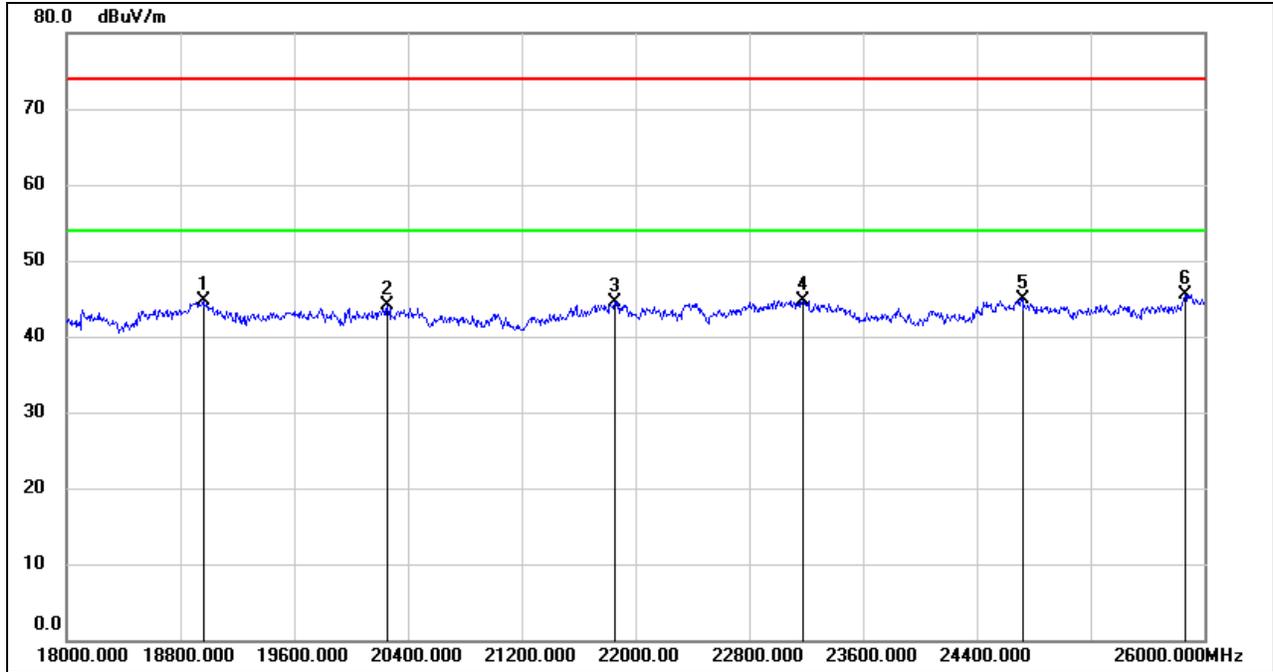


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18272.000	49.41	-5.53	43.88	74.00	-30.12	peak
2	19264.000	49.77	-5.57	44.20	74.00	-29.80	peak
3	20864.000	50.10	-5.00	45.10	74.00	-28.90	peak
4	23120.000	47.21	-3.40	43.81	74.00	-30.19	peak
5	24248.000	47.82	-2.83	44.99	74.00	-29.01	peak
6	25448.000	46.33	-1.76	44.57	74.00	-29.43	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.



SPURIOUS EMISSIONS (UNII-3 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	18960.000	50.01	-5.25	44.76	74.00	-29.24	peak
2	20256.000	49.69	-5.61	44.08	74.00	-29.92	peak
3	21856.000	48.95	-4.39	44.56	74.00	-29.44	peak
4	23176.000	48.03	-3.39	44.64	74.00	-29.36	peak
5	24720.000	47.22	-2.33	44.89	74.00	-29.11	peak
6	25864.000	46.40	-0.81	45.59	74.00	-28.41	peak

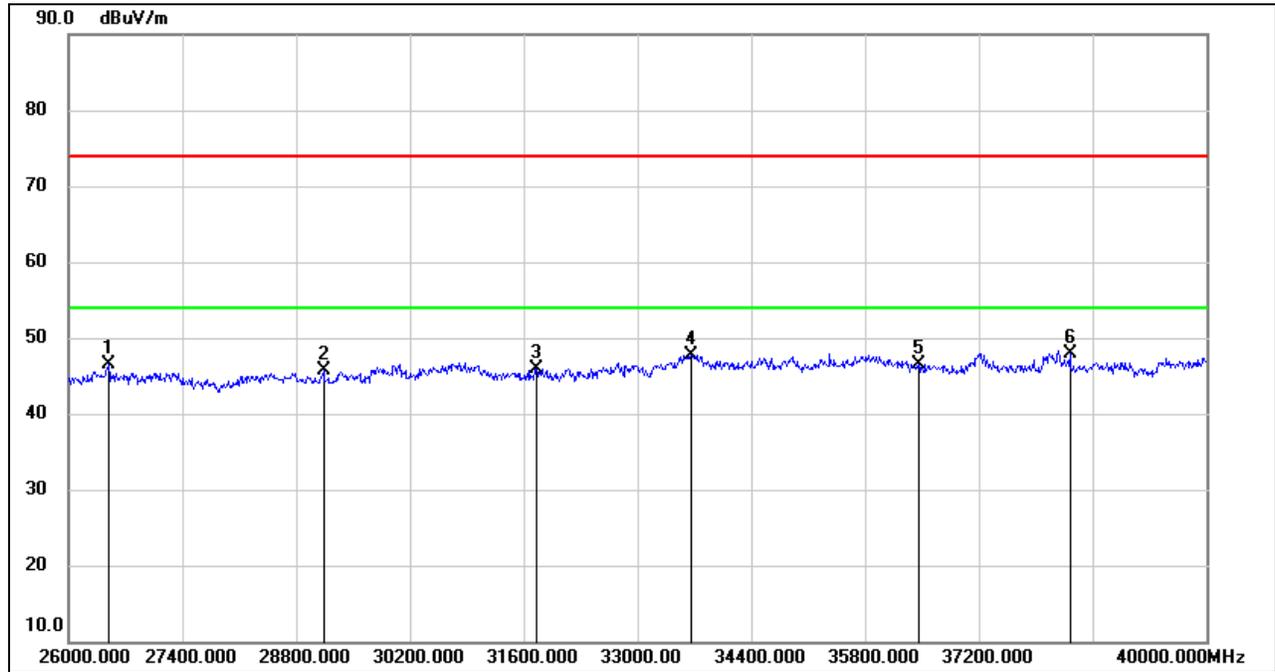
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.

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 – PCB ANTENNA

SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

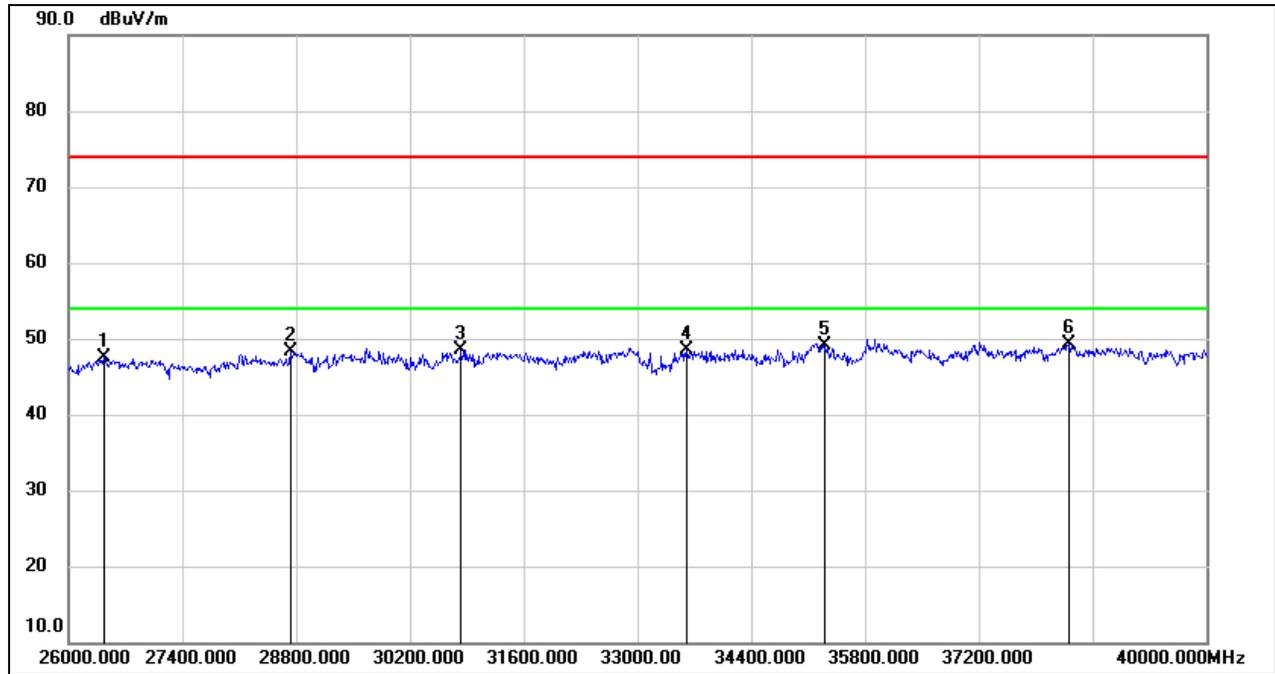


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.29	-4.74	46.55	74.00	-27.45	peak
2	29136.000	47.00	-1.22	45.78	74.00	-28.22	peak
3	31754.000	47.06	-1.23	45.83	74.00	-28.17	peak
4	33658.000	47.28	0.41	47.69	74.00	-26.31	peak
5	36458.000	42.88	3.67	46.55	74.00	-27.45	peak
6	38320.000	44.06	3.77	47.83	74.00	-26.17	peak

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



SPURIOUS EMISSIONS (UNII-3 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	26434.000	52.49	-4.89	47.60	74.00	-26.40	peak
2	28730.000	49.01	-0.69	48.32	74.00	-25.68	peak
3	30830.000	49.52	-1.03	48.49	74.00	-25.51	peak
4	33602.000	48.01	0.46	48.47	74.00	-25.53	peak
5	35310.000	46.54	2.62	49.16	74.00	-24.84	peak
6	38306.000	45.51	3.79	49.30	74.00	-24.70	peak

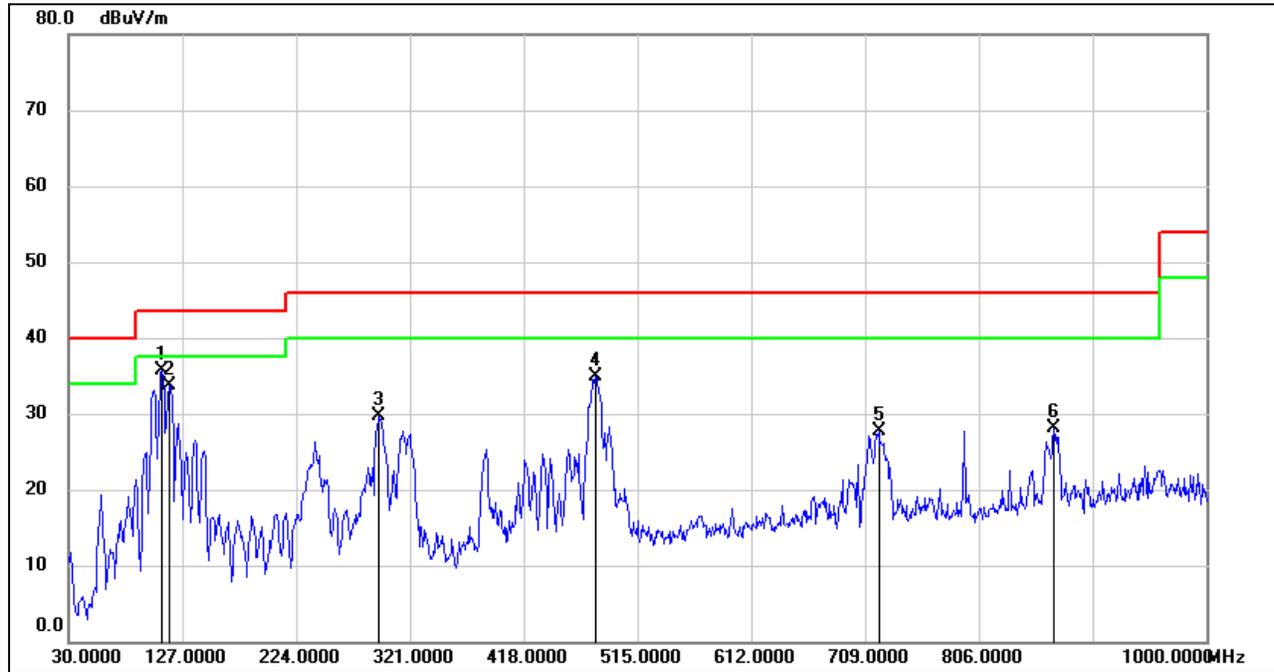
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.

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 – PCB ANTENNA

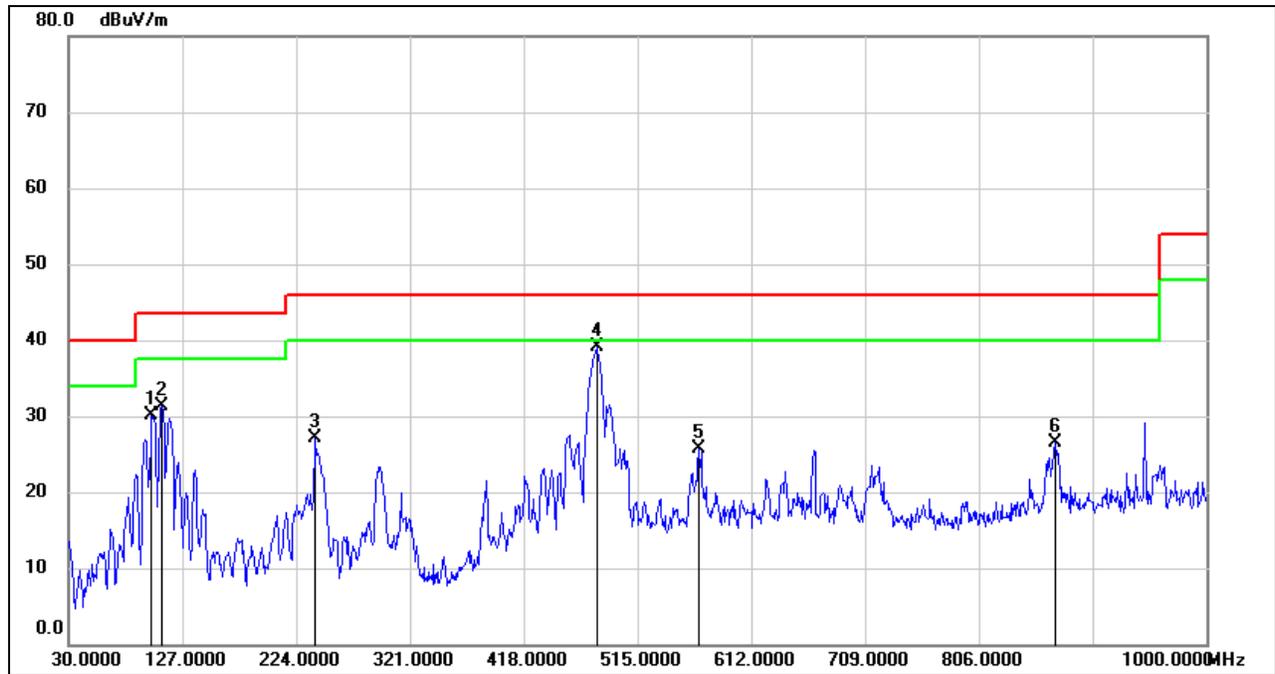
SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	109.5400	56.21	-20.48	35.73	43.50	-7.77	QP
2	116.3300	53.87	-20.08	33.79	43.50	-9.71	QP
3	294.8100	45.40	-15.61	29.79	46.00	-16.21	QP
4	479.1100	46.67	-11.82	34.85	46.00	-11.15	QP
5	720.6400	35.72	-8.09	27.63	46.00	-18.37	QP
6	870.0200	33.83	-5.75	28.08	46.00	-17.92	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-3 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	100.8100	51.18	-21.08	30.10	43.50	-13.40	QP
2	109.5400	51.76	-20.48	31.28	43.50	-12.22	QP
3	239.5200	46.17	-19.16	27.01	46.00	-18.99	QP
4	480.0800	50.81	-11.79	39.02	46.00	-6.98	QP
5	567.3800	35.77	-10.13	25.64	46.00	-20.36	QP
6	870.9900	32.17	-5.73	26.44	46.00	-19.56	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

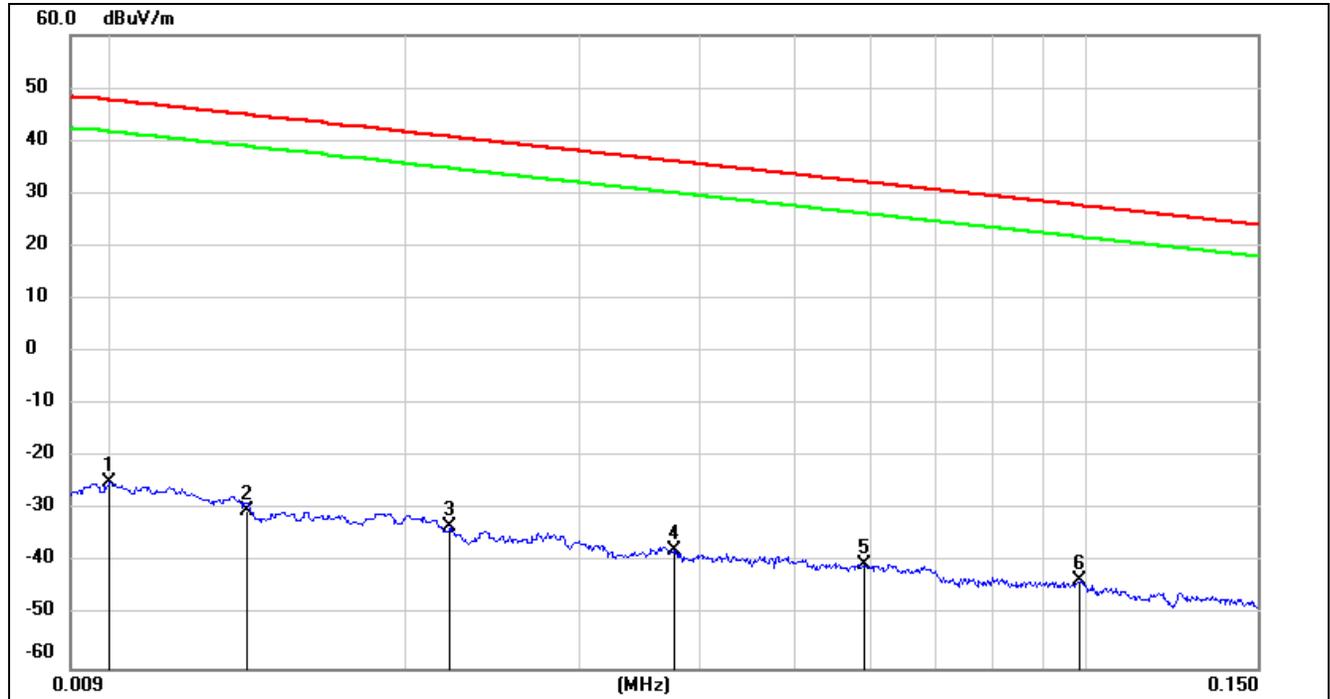
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz – PCB ANTENNA

8.7.1. 802.11n HT40 MODE

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

9 kHz~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	76.72	-101.40	-24.68	47.6	-76.18	-3.90	-72.28	peak
2	0.0137	71.36	-101.38	-30.02	44.87	-81.52	-6.63	-74.89	peak
3	0.0221	68.13	-101.35	-33.22	40.71	-84.72	-10.79	-73.93	peak
4	0.0376	63.75	-101.42	-37.67	36.1	-89.17	-15.40	-73.77	peak
5	0.0589	61.31	-101.52	-40.21	32.2	-91.71	-19.30	-72.41	peak
6	0.0985	58.55	-101.78	-43.23	27.73	-94.73	-23.77	-70.96	peak

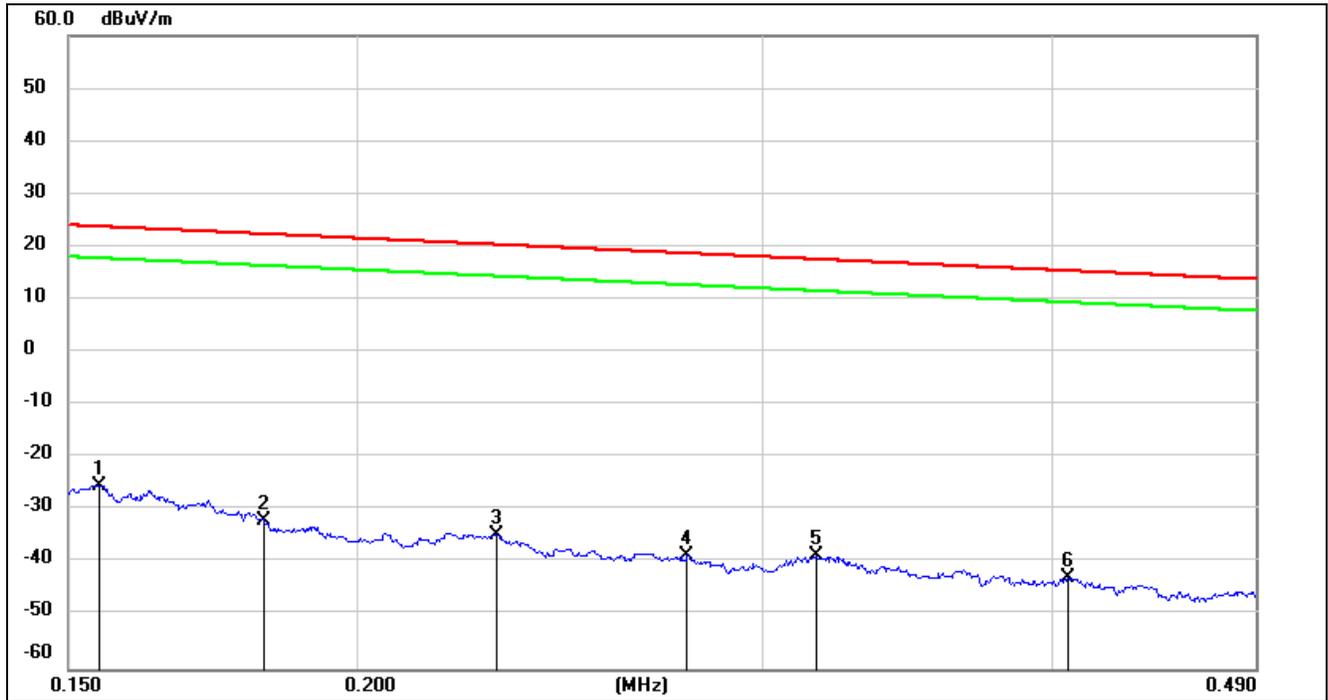
Note: 1. Measurement = Reading Level + Correct Factor.

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

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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

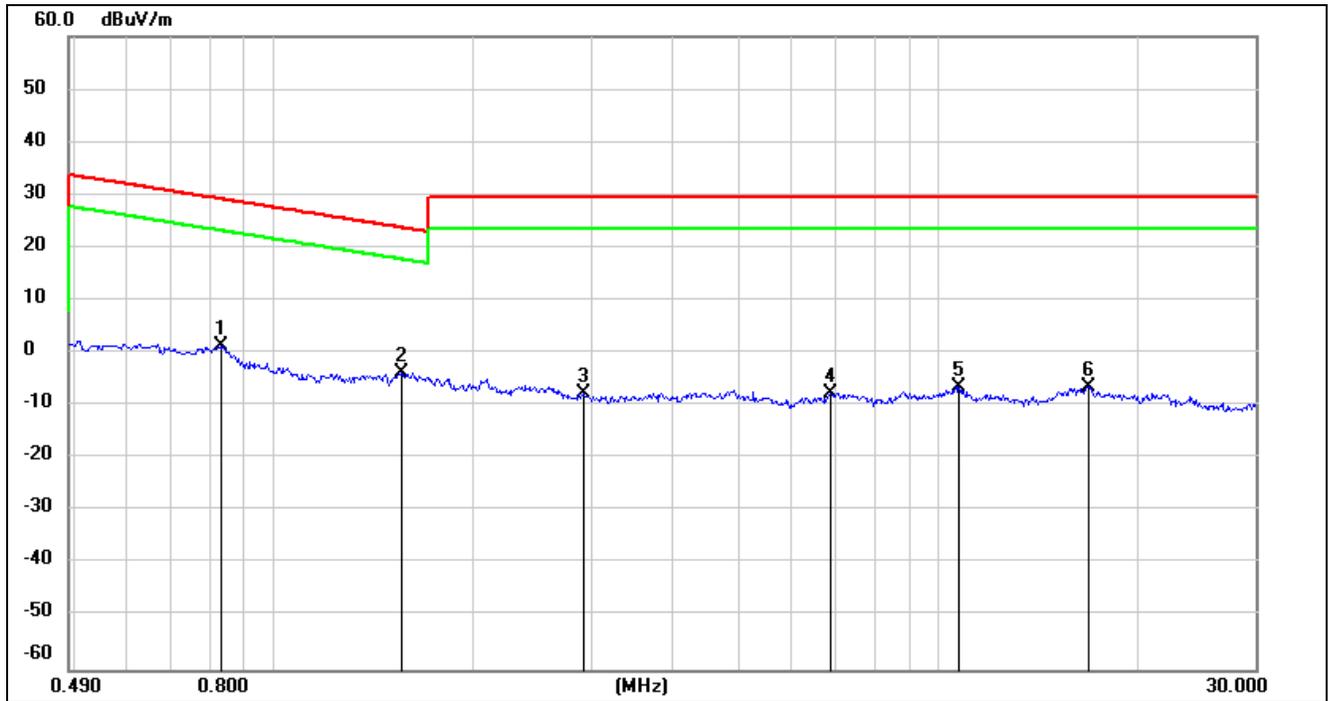
150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1547	76.31	-101.65	-25.34	23.81	-76.84	-27.69	-49.15	peak
2	0.1824	69.84	-101.68	-31.84	22.38	-83.34	-29.12	-54.22	peak
3	0.2298	67.05	-101.77	-34.72	20.37	-86.22	-31.13	-55.09	peak
4	0.2782	63.29	-101.83	-38.54	18.71	-90.04	-32.79	-57.25	peak
5	0.3163	63.20	-101.87	-38.67	17.6	-90.17	-33.90	-56.27	peak
6	0.4062	59.14	-101.96	-42.82	15.43	-94.32	-36.07	-58.25	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
 4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.8296	63.44	-62.17	1.27	29.23	-50.23	-22.27	-27.96	peak
2	1.5564	58.18	-62.02	-3.84	23.76	-55.34	-27.74	-27.60	peak
3	2.9222	53.92	-61.60	-7.68	29.54	-59.18	-21.96	-37.22	peak
4	6.8936	53.59	-61.22	-7.63	29.54	-59.13	-21.96	-37.17	peak
5	10.7299	54.48	-60.83	-6.35	29.54	-57.85	-21.96	-35.89	peak
6	16.8090	54.45	-60.95	-6.5	29.54	-58.00	-21.96	-36.04	peak

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

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

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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

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

9. AC POWER LINE CONDUCTED EMISSIONS

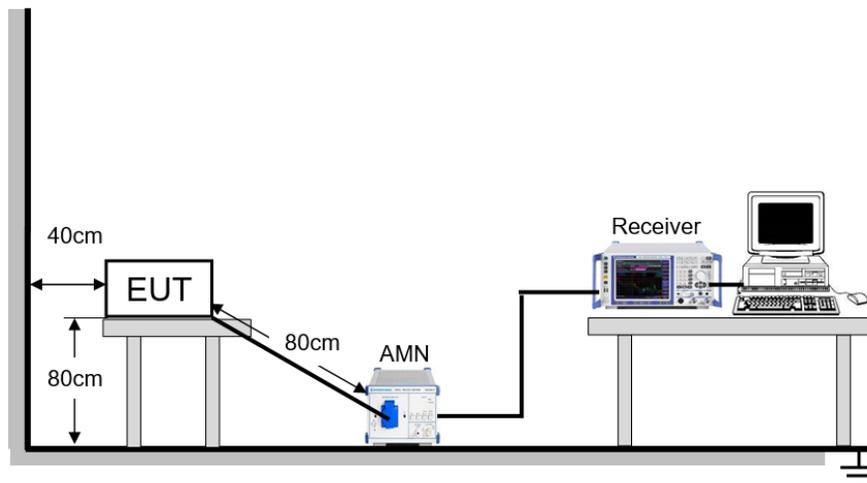
LIMITS

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

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

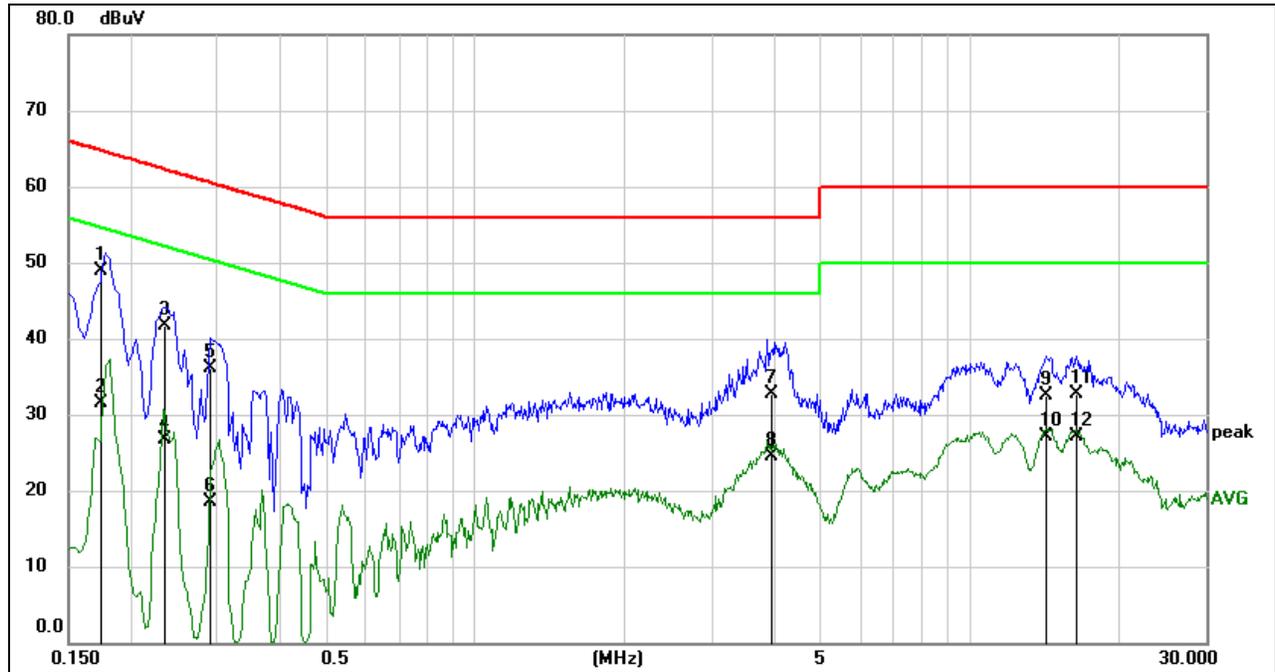
Temperature	20.3 °C	Relative Humidity	58.7 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz



RESULTS

9.1.1. 802.11n HT40 MODE – PCB ANTENNA

LINE L RESULTS (UNII-3 BAND LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1740	49.36	-0.50	48.86	64.77	-15.91	QP
2	0.1740	32.01	-0.50	31.51	54.77	-23.26	AVG
3	0.2362	42.22	-0.50	41.72	62.23	-20.51	QP
4	0.2362	27.13	-0.50	26.63	52.23	-25.60	AVG
5	0.2899	36.55	-0.50	36.05	60.53	-24.48	QP
6	0.2899	19.03	-0.50	18.53	50.53	-32.00	AVG
7	3.9762	32.97	-0.30	32.67	56.00	-23.33	QP
8	3.9762	24.80	-0.30	24.50	46.00	-21.50	AVG
9	14.3031	33.17	-0.73	32.44	60.00	-27.56	QP
10	14.3031	27.76	-0.73	27.03	50.00	-22.97	AVG
11	16.3220	33.46	-0.85	32.61	60.00	-27.39	QP
12	16.3220	27.89	-0.85	27.04	50.00	-22.96	AVG

Note: 1. Result = Reading + Correct Factor.

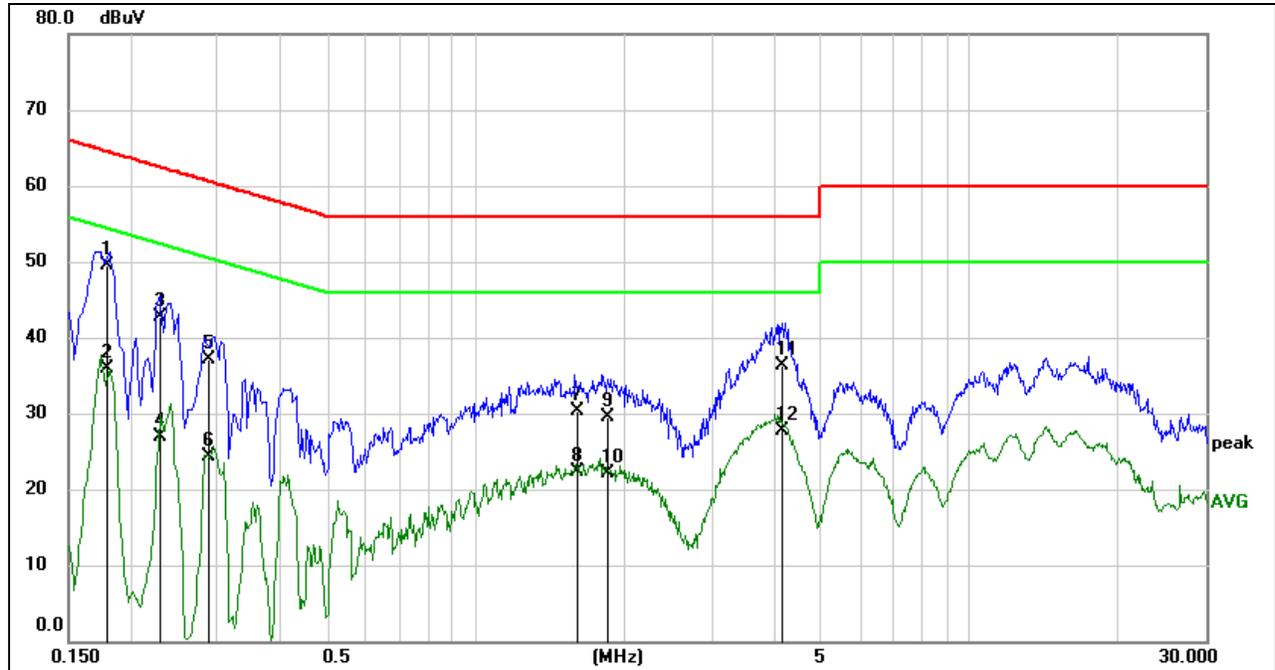
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

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-3 BAND LOW CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1787	50.00	-0.50	49.50	64.55	-15.05	QP
2	0.1787	36.43	-0.50	35.93	54.55	-18.62	AVG
3	0.2300	43.22	-0.50	42.72	62.45	-19.73	QP
4	0.2300	27.47	-0.50	26.97	52.45	-25.48	AVG
5	0.2898	37.59	-0.50	37.09	60.53	-23.44	QP
6	0.2898	24.87	-0.50	24.37	50.53	-26.16	AVG
7	1.6079	30.67	-0.40	30.27	56.00	-25.73	QP
8	1.6079	22.78	-0.40	22.38	46.00	-23.62	AVG
9	1.8617	29.93	-0.40	29.53	56.00	-26.47	QP
10	1.8617	22.45	-0.40	22.05	46.00	-23.95	AVG
11	4.1464	36.61	-0.30	36.31	56.00	-19.69	QP
12	4.1464	28.00	-0.30	27.70	46.00	-18.30	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

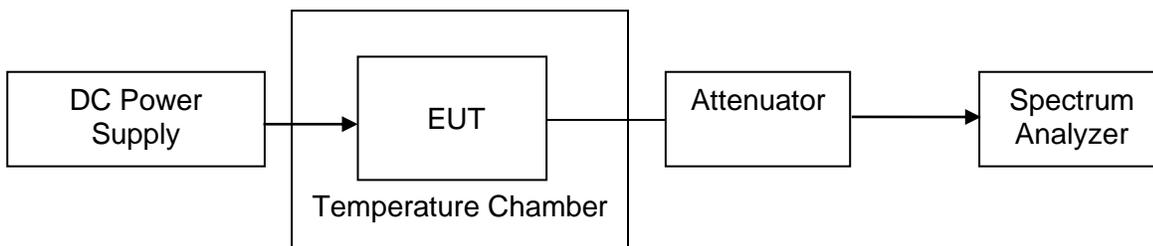
1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -10 °C ~ 70 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of 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	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

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

TEST SETUP





TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % - 75 %	/
Atmospheric Pressure	100 kPa ~102 kPa	/
Temperature	T _N (Normal Temperature): 25.1 °C	T _L (Low Temperature): -10 °C
		T _H (High Temperature): 70 °C
Supply Voltage	V _N (Normal Voltage): DC 5 V	V _L (Low Voltage): DC 4.5 V
		V _H (High Voltage): DC 5.5 V

RESULTS

Please refer to Appendix H.

11. DYNAMIC FREQUENCY SELECTION

APPLICABILITY OF DFS REQUIREMENTS

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

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

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

Requirement	Operational Mode		
	<input type="checkbox"/> Master	<input checked="" type="checkbox"/> Client Without Radar Detection	<input type="checkbox"/> Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	<input type="checkbox"/> Master Device or Client with Radar Detection	<input checked="" type="checkbox"/> Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

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

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

LIMITS

(1) DFS Detection Thresholds

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

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

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

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

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

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

PARAMETERS OF RADAR TEST WAVEFORMS

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

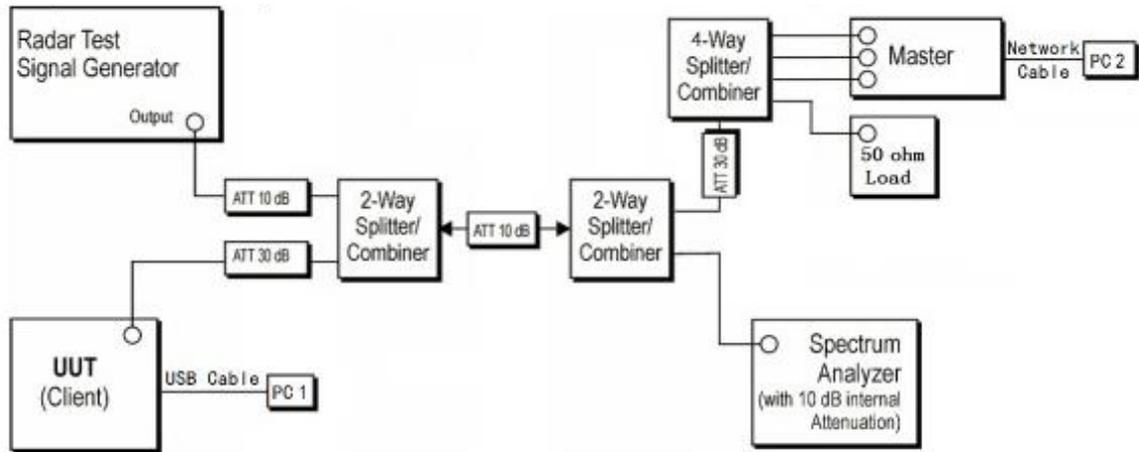
Table 5 Short Pulse Radar Test Waveforms

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 $\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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
<p>Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.</p> <p>Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a</p> <p>Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A</p>					

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

TEST SETUP

Setup for Client with injection at the Master



TEST ENVIRONMENT

Temperature	26.2 °C	Relative Humidity	55.8 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 5 V

RESULTS

Please refer to Appendix E & 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.

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

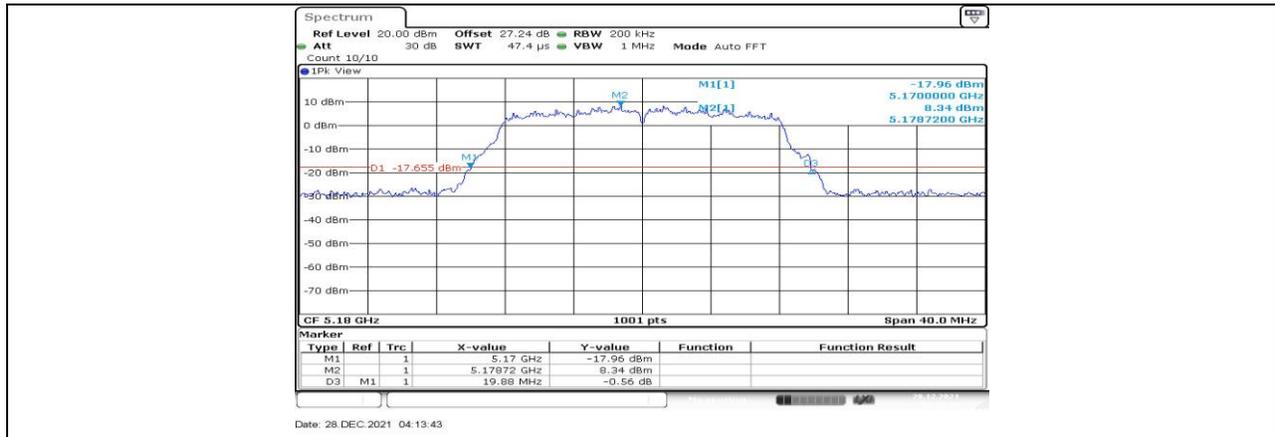
Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	19.880	5170.000	5189.880	PASS
	Ant2	5180	20.240	5169.800	5190.040	PASS
	Ant1	5200	19.960	5189.920	5209.880	PASS
	Ant2	5200	20.200	5189.840	5210.040	PASS
	Ant1	5240	20.040	5230.040	5250.080	PASS
	Ant2	5240	19.880	5230.000	5249.880	PASS
	Ant1	5260	20.960	5249.680	5270.640	PASS
	Ant2	5260	20.280	5249.960	5270.240	PASS
	Ant1	5280	20.360	5269.800	5290.160	PASS
	Ant2	5280	20.360	5270.000	5290.360	PASS
	Ant1	5320	19.960	5310.080	5330.040	PASS
	Ant2	5320	19.920	5310.200	5330.120	PASS
	Ant1	5500	19.880	5490.080	5509.960	PASS
	Ant2	5500	19.960	5489.960	5509.920	PASS
	Ant1	5580	20.200	5569.960	5590.160	PASS
	Ant2	5580	20.400	5570.000	5590.400	PASS
	Ant1	5700	20.360	5689.920	5710.280	PASS
	Ant2	5700	20.200	5689.960	5710.160	PASS
	Ant1	5720	20.400	5709.960	5730.360	PASS
	Ant2	5720	20.400	5709.800	5730.200	PASS
	Ant1	5720_UNII-2C	15.04	5709.960	5725	PASS
	Ant2	5720_UNII-2C	15.2	5709.800	5725	PASS
	Ant1	5720_UNII-3	5.36	5725	5730.360	PASS
	Ant2	5720_UNII-3	5.2	5725	5730.200	PASS
	Ant1	5745	20.280	5734.920	5755.200	PASS
	Ant2	5745	20.160	5734.960	5755.120	PASS
	Ant1	5785	20.240	5774.920	5795.160	PASS
	Ant2	5785	20.280	5774.960	5795.240	PASS
	Ant1	5825	20.320	5814.720	5835.040	PASS
	Ant2	5825	19.880	5815.240	5835.120	PASS
11N20MIMO	Ant1	5180	20.240	5169.920	5190.160	PASS
	Ant2	5180	20.040	5170.040	5190.080	PASS
	Ant1	5200	20.160	5190.000	5210.160	PASS
	Ant2	5200	20.240	5189.920	5210.160	PASS
	Ant1	5240	20.120	5229.920	5250.040	PASS
	Ant2	5240	20.160	5229.960	5250.120	PASS
	Ant1	5260	20.360	5249.880	5270.240	PASS
	Ant2	5260	20.160	5249.960	5270.120	PASS
	Ant1	5280	20.560	5269.760	5290.320	PASS
	Ant2	5280	20.400	5269.800	5290.200	PASS
	Ant1	5320	20.320	5309.800	5330.120	PASS
	Ant2	5320	20.280	5309.840	5330.120	PASS
	Ant1	5500	20.200	5489.920	5510.120	PASS
	Ant2	5500	20.280	5489.880	5510.160	PASS
	Ant1	5580	20.160	5569.880	5590.040	PASS
	Ant2	5580	20.280	5569.920	5590.200	PASS
	Ant1	5700	20.160	5689.920	5710.080	PASS
	Ant2	5700	20.440	5689.760	5710.200	PASS
	Ant1	5720	20.360	5709.800	5730.160	PASS
	Ant2	5720	20.360	5709.840	5730.200	PASS
	Ant1	5720_UNII-2C	15.2	5709.800	5725	PASS
	Ant2	5720_UNII-2C	15.16	5709.840	5725	PASS
	Ant1	5720_UNII-3	5.16	5725	5730.160	PASS
	Ant2	5720_UNII-3	5.2	5725	5730.200	PASS
	Ant1	5745	20.360	5734.920	5755.280	PASS



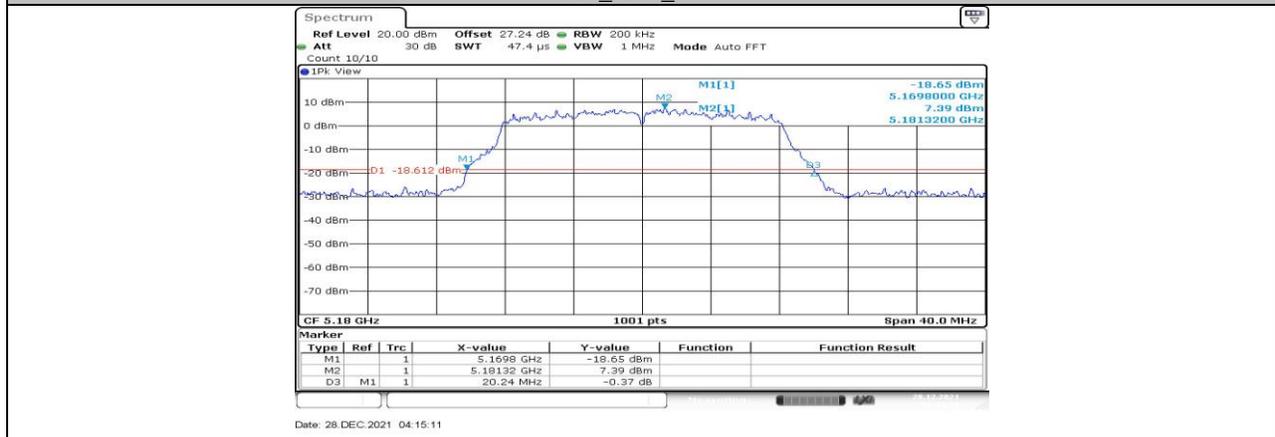
	Ant2	5745	20.280	5734.880	5755.160	PASS
	Ant1	5785	20.800	5774.760	5795.560	PASS
	Ant2	5785	20.320	5774.880	5795.200	PASS
	Ant1	5825	20.320	5814.800	5835.120	PASS
	Ant2	5825	20.280	5814.920	5835.200	PASS
11N40MIMO	Ant1	5190	41.120	5169.520	5210.640	PASS
	Ant2	5190	40.560	5169.680	5210.240	PASS
	Ant1	5230	41.680	5209.280	5250.960	PASS
	Ant2	5230	40.720	5209.680	5250.400	PASS
	Ant1	5270	41.280	5249.280	5290.560	PASS
	Ant2	5270	41.360	5249.600	5290.960	PASS
	Ant1	5310	41.280	5289.440	5330.720	PASS
	Ant2	5310	40.880	5289.520	5330.400	PASS
	Ant1	5510	41.120	5489.520	5530.640	PASS
	Ant2	5510	40.800	5489.680	5530.480	PASS
	Ant1	5550	41.760	5529.040	5570.800	PASS
	Ant2	5550	41.040	5529.520	5570.560	PASS
	Ant1	5670	42.080	5649.120	5691.200	PASS
	Ant2	5670	41.680	5649.280	5690.960	PASS
	Ant1	5710	41.200	5689.360	5730.560	PASS
	Ant2	5710	40.800	5689.680	5730.480	PASS
	Ant1	5710_UNII-2C	35.64	5689.360	5725	PASS
	Ant2	5710_UNII-2C	35.32	5689.680	5725	PASS
	Ant1	5710_UNII-3	5.56	5725	5730.560	PASS
	Ant2	5710_UNII-3	5.48	5725	5730.480	PASS
	Ant1	5755	41.600	5734.360	5775.960	PASS
	Ant2	5755	40.640	5734.760	5775.400	PASS
	Ant1	5795	41.680	5774.120	5815.800	PASS
	Ant2	5795	41.280	5774.360	5815.640	PASS
11AC80MIMO	Ant1	5210	81.120	5169.520	5250.640	PASS
	Ant2	5210	81.120	5169.520	5250.640	PASS
	Ant1	5290	81.120	5249.520	5330.640	PASS
	Ant2	5290	80.960	5249.680	5330.640	PASS
	Ant1	5530	82.080	5489.040	5571.120	PASS
	Ant2	5530	81.120	5489.520	5570.640	PASS
	Ant1	5610	81.760	5569.040	5650.800	PASS
	Ant2	5610	81.440	5569.360	5650.800	PASS
	Ant1	5690	81.600	5649.200	5730.800	PASS
	Ant2	5690	81.280	5649.360	5730.640	PASS
	Ant1	5690_UNII-2C	75.8	5649.200	5725	PASS
	Ant2	5690_UNII-2C	75.64	5649.360	5725	PASS
	Ant1	5690_UNII-3	5.8	5725	5730.800	PASS
	Ant2	5690_UNII-3	5.64	5725	5730.640	PASS
	Ant1	5775	81.600	5734.360	5815.960	PASS
	Ant2	5775	80.800	5734.680	5815.480	PASS



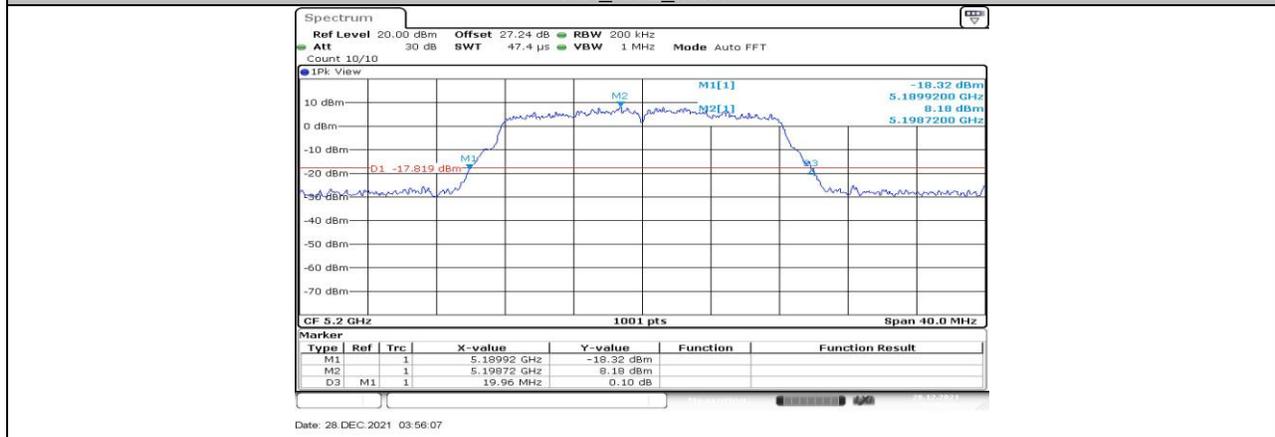
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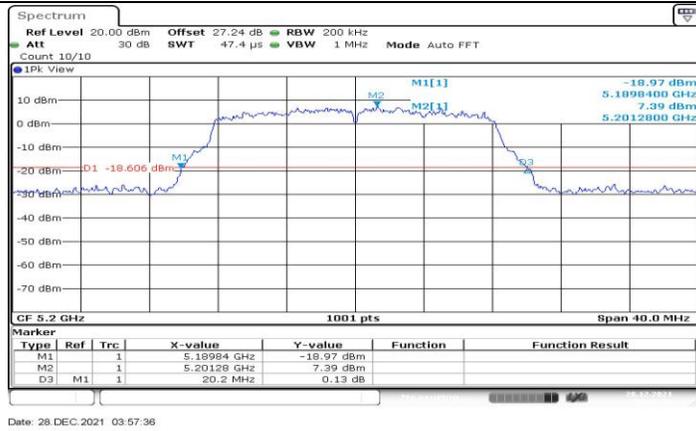
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11A_Ant2_5180



11A_Ant1_5200



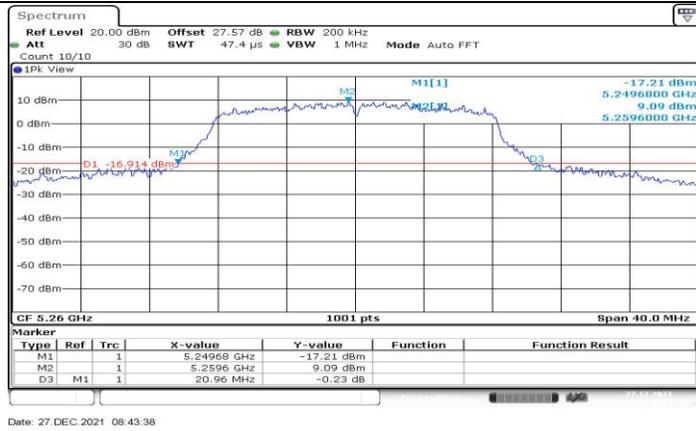
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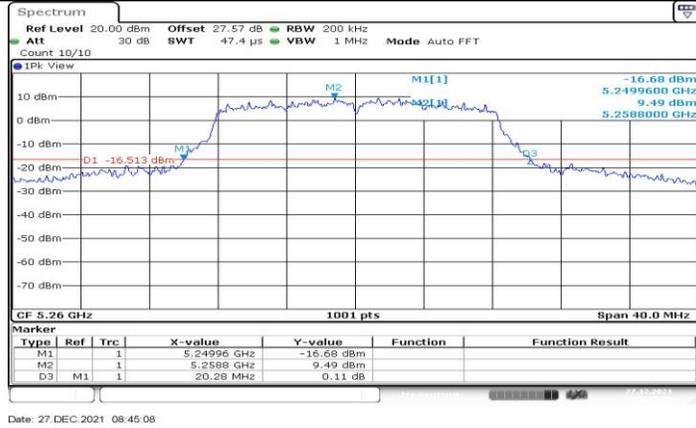
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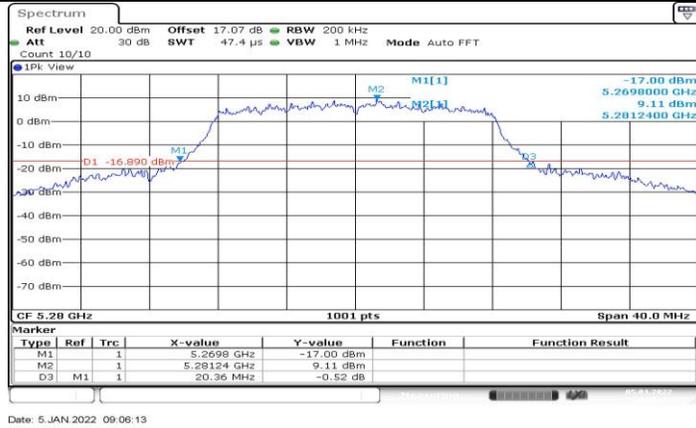
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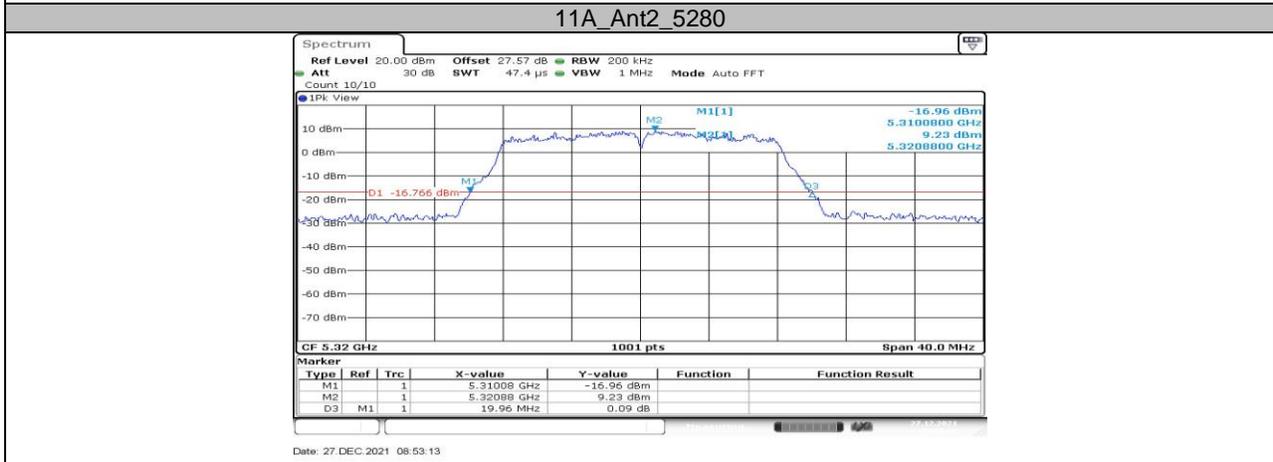
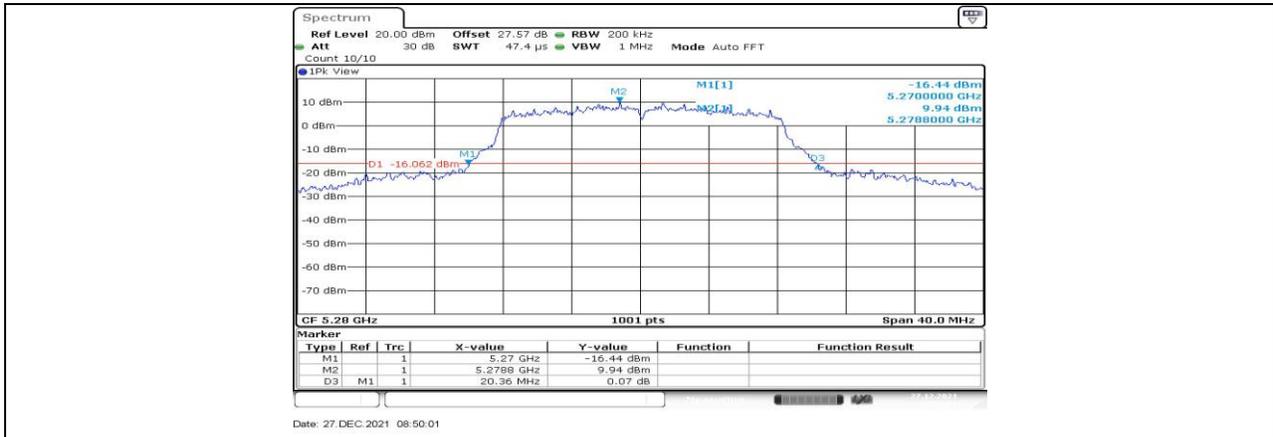
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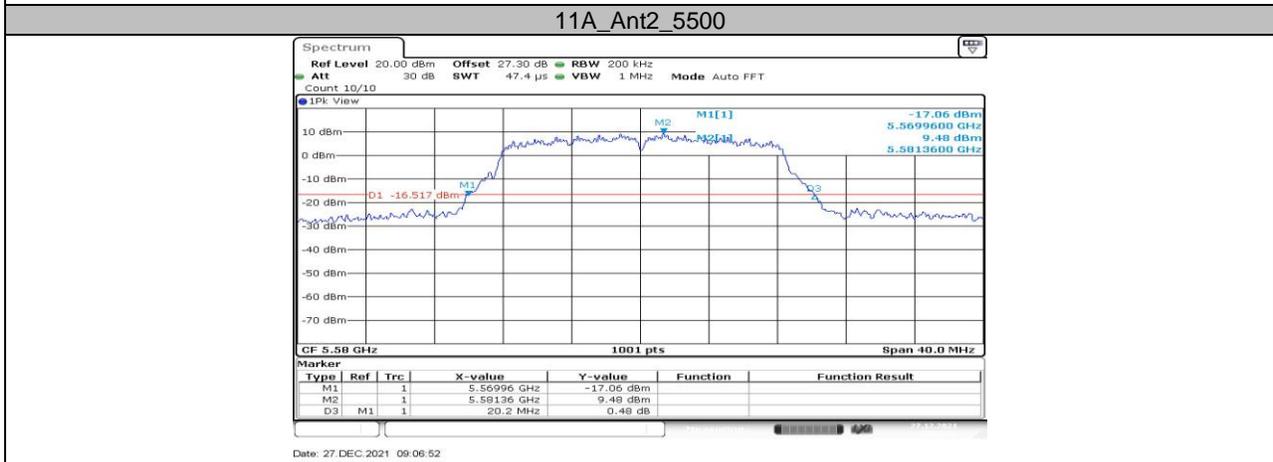
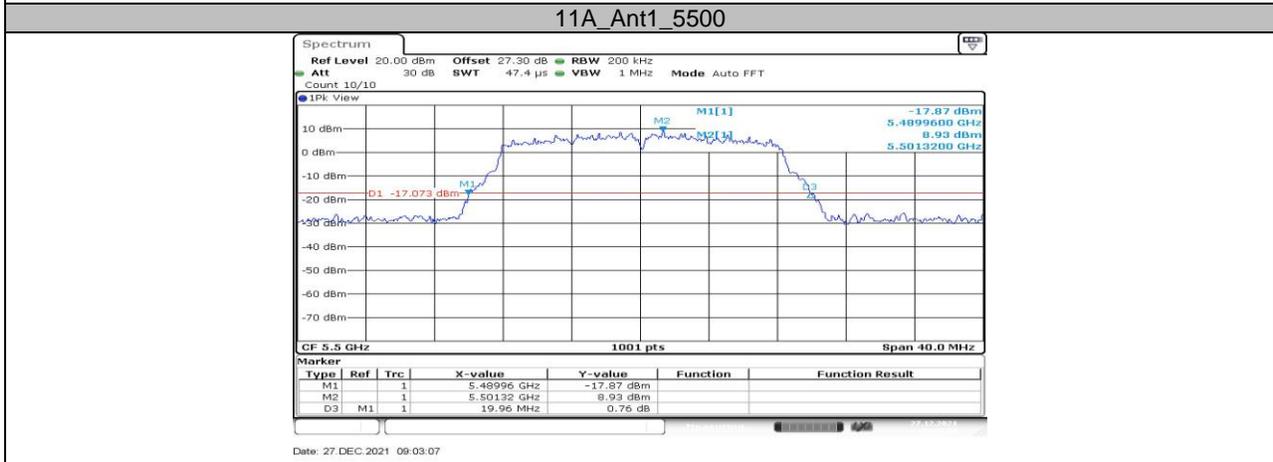
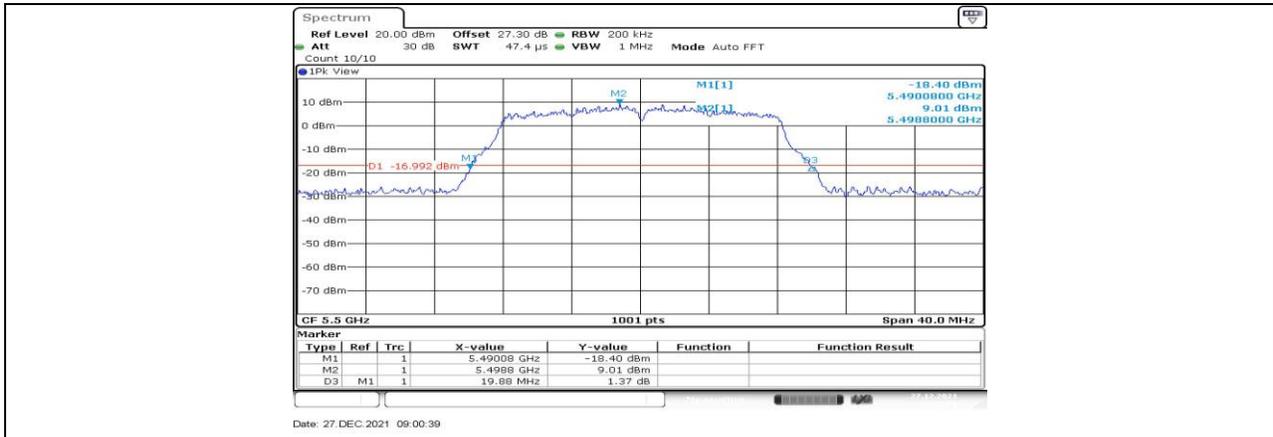


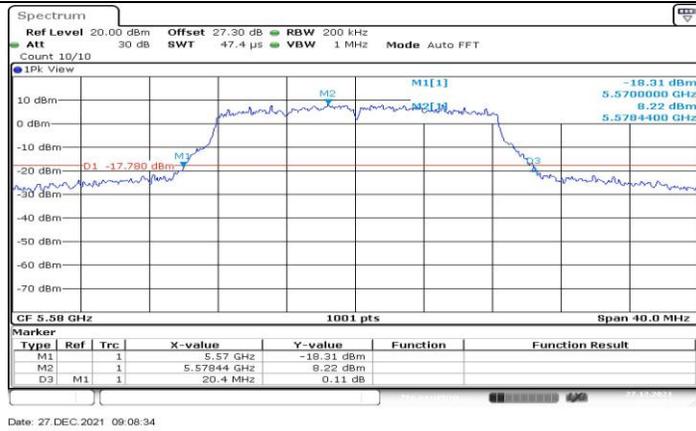
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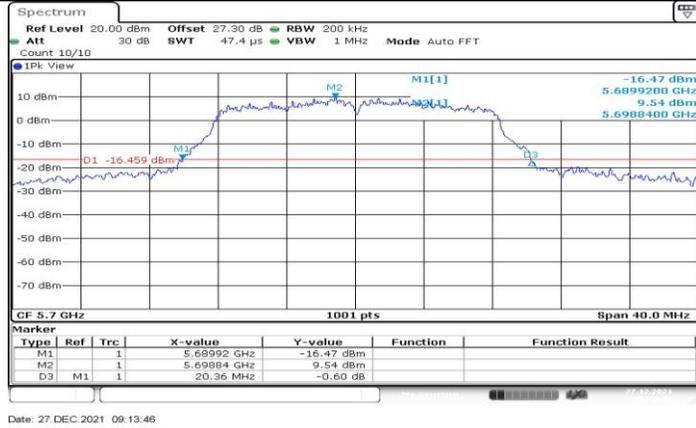
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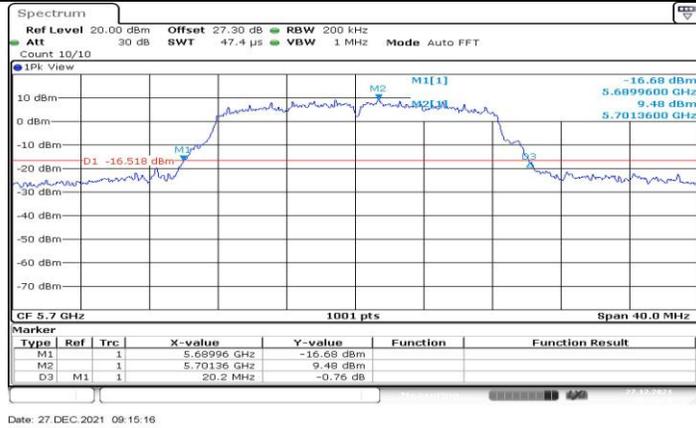




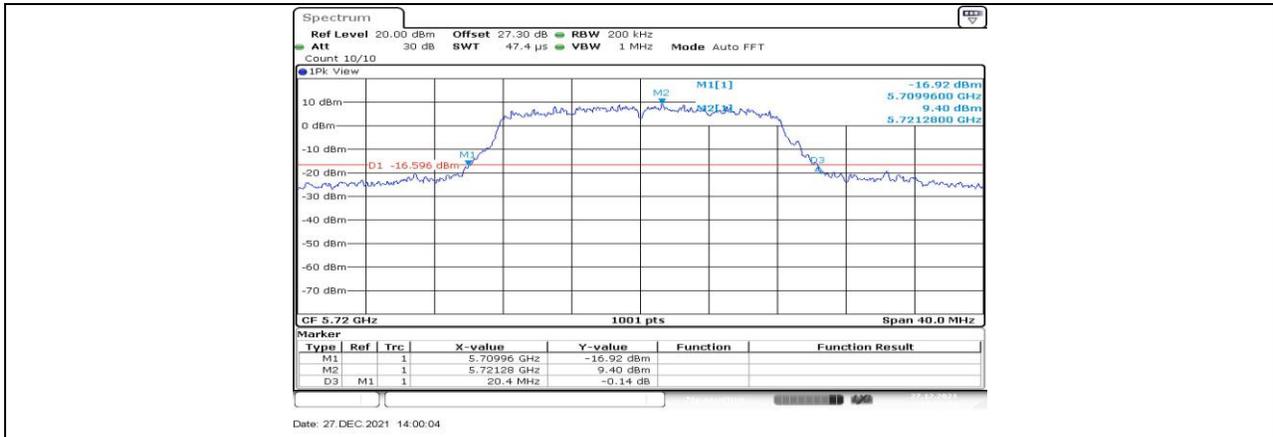
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11A_Ant2_5700





11A_Ant2_5745



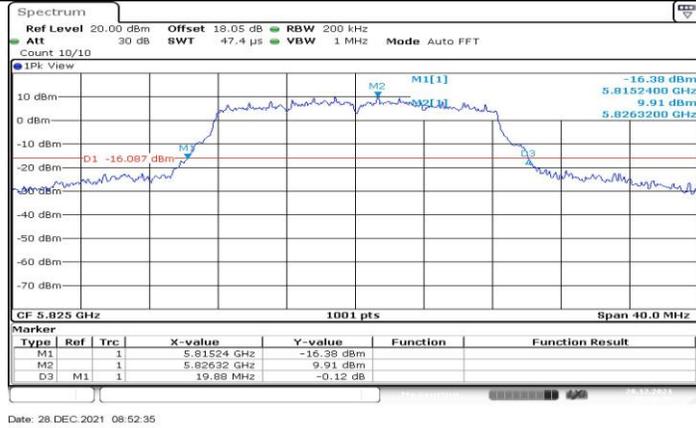
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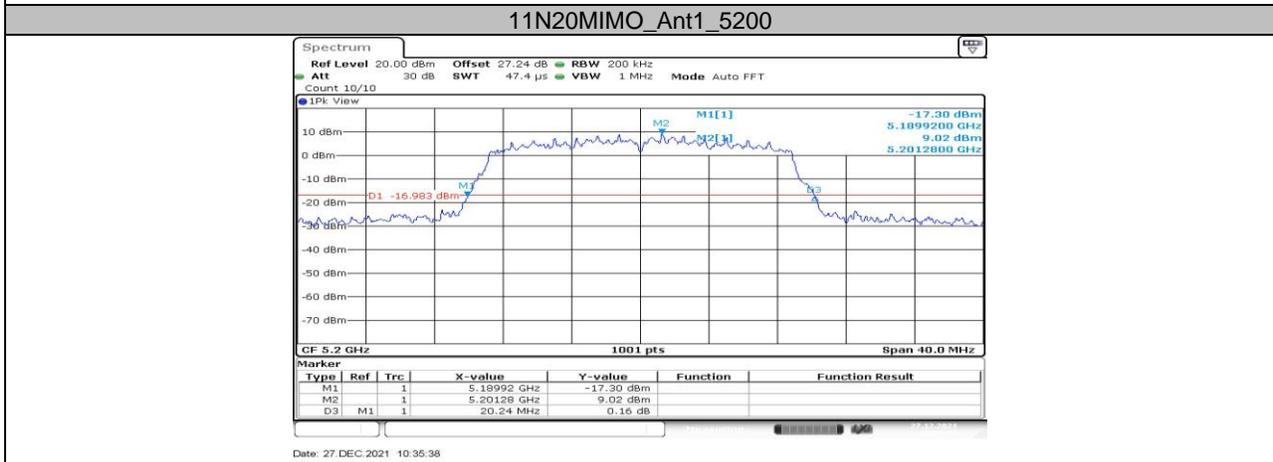
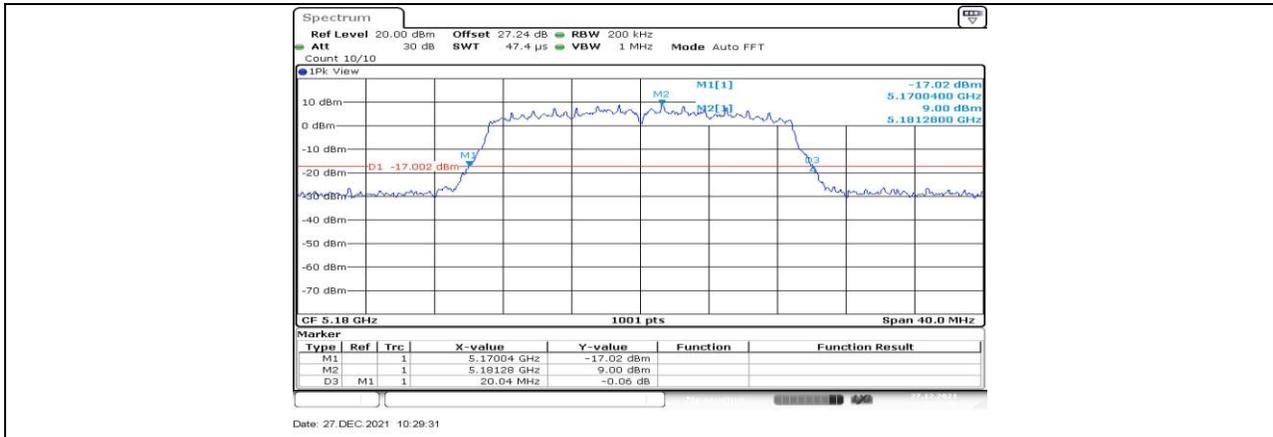
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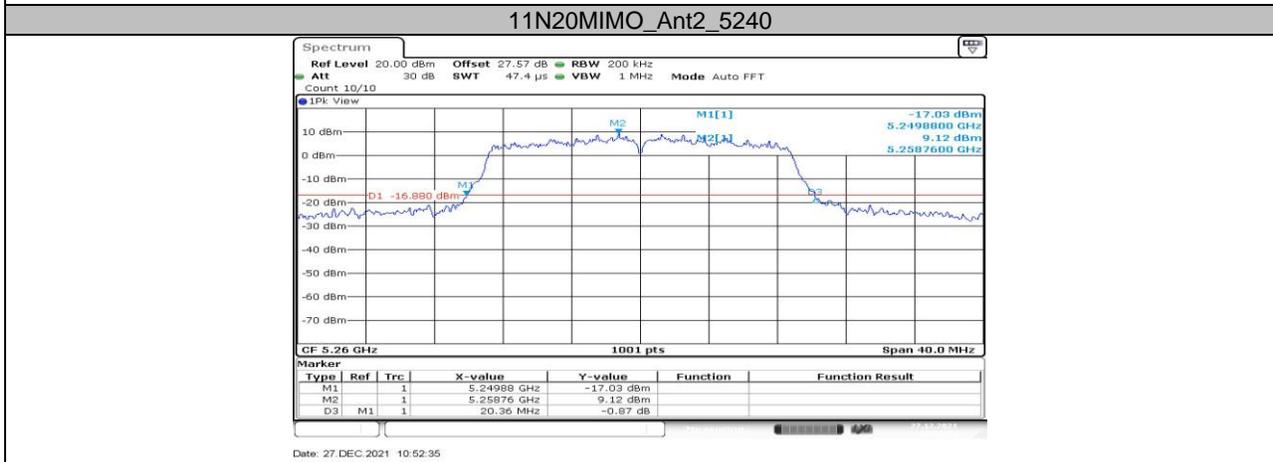
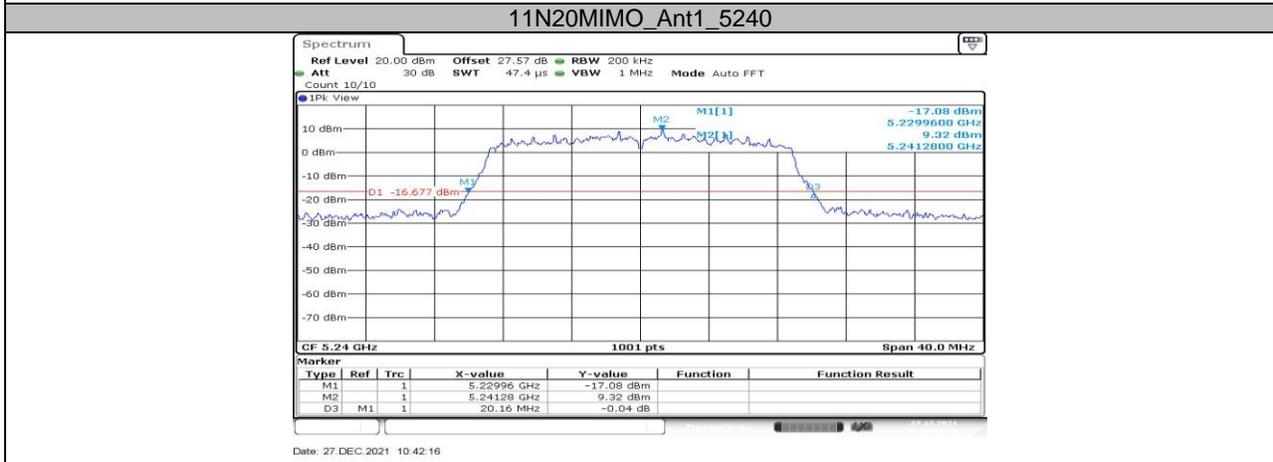
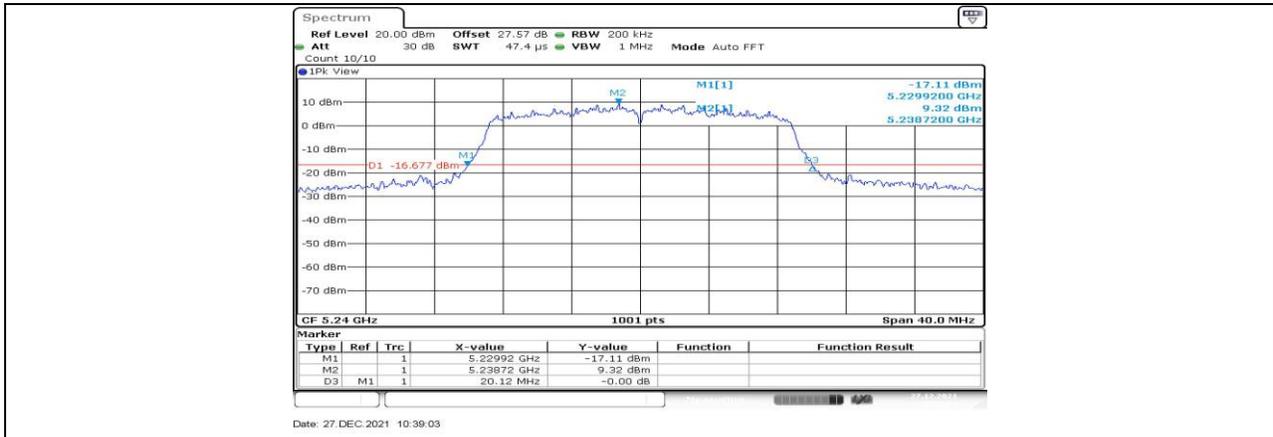


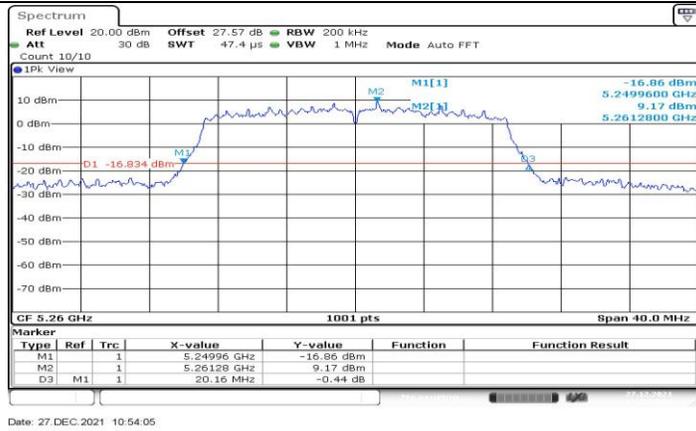
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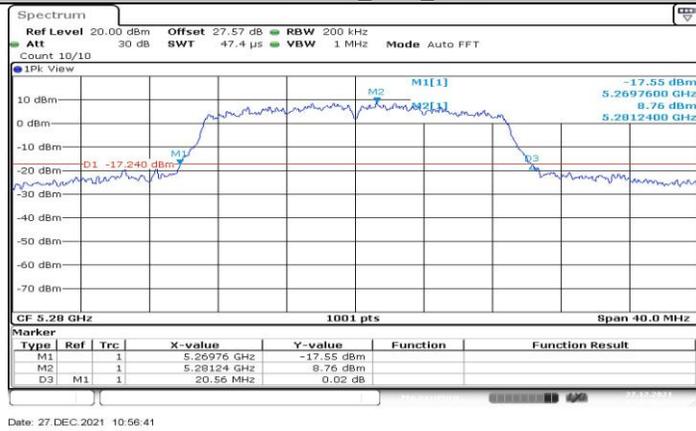
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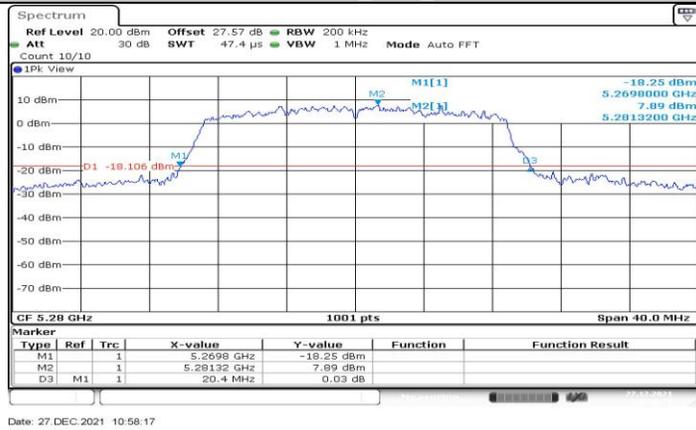




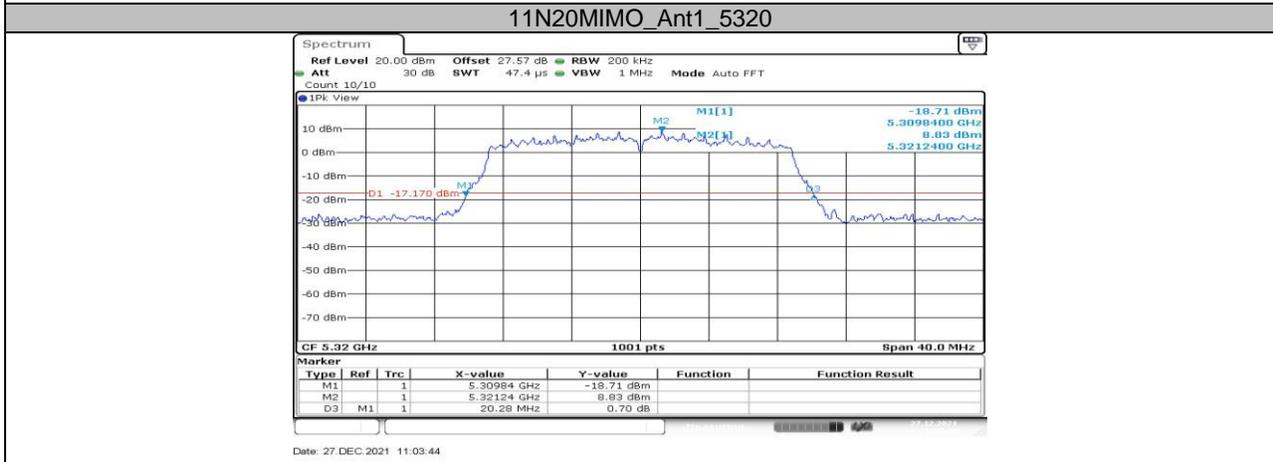
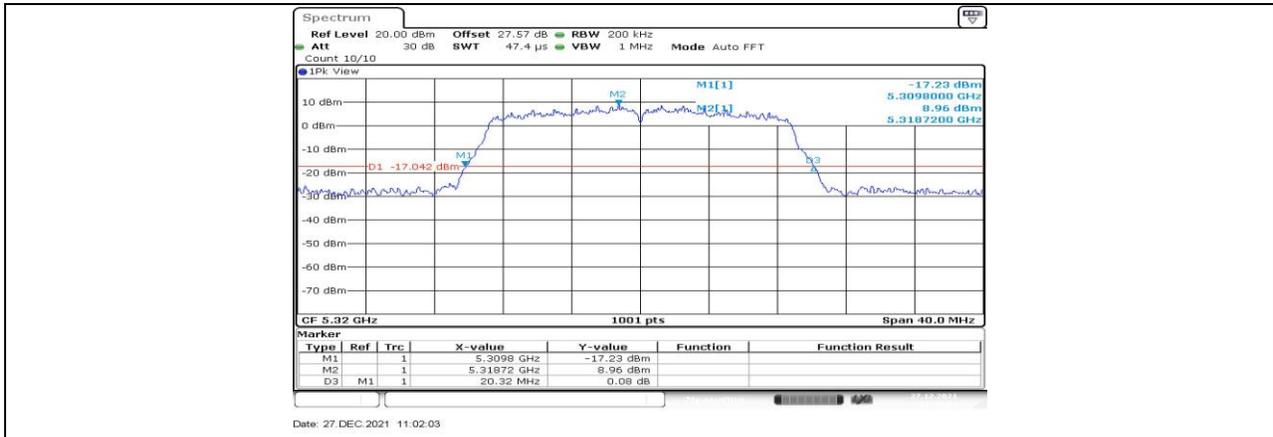
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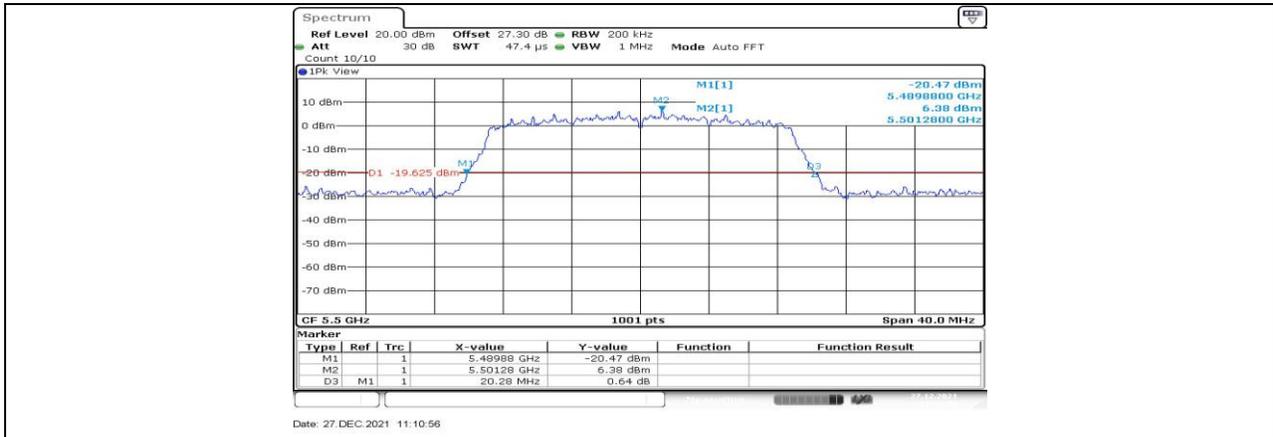


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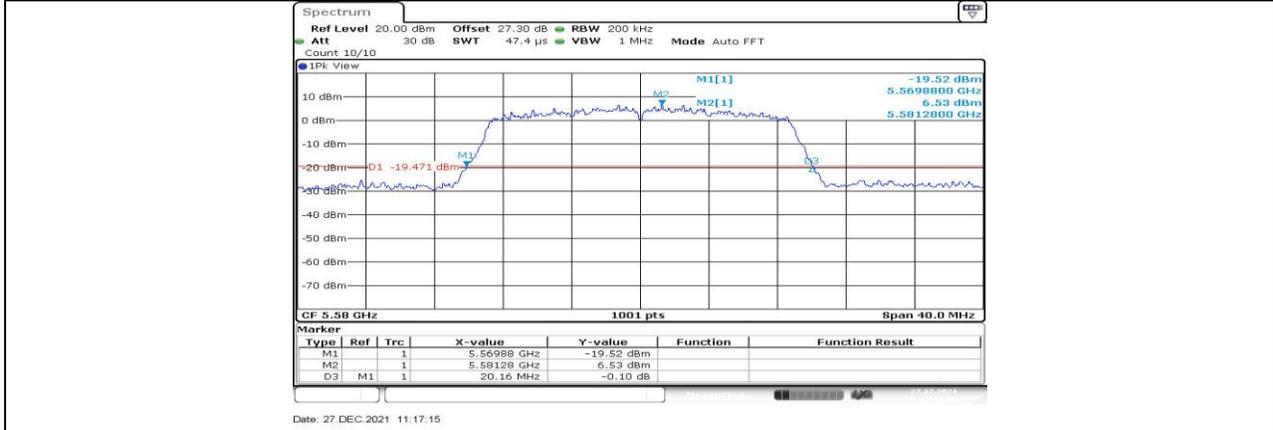


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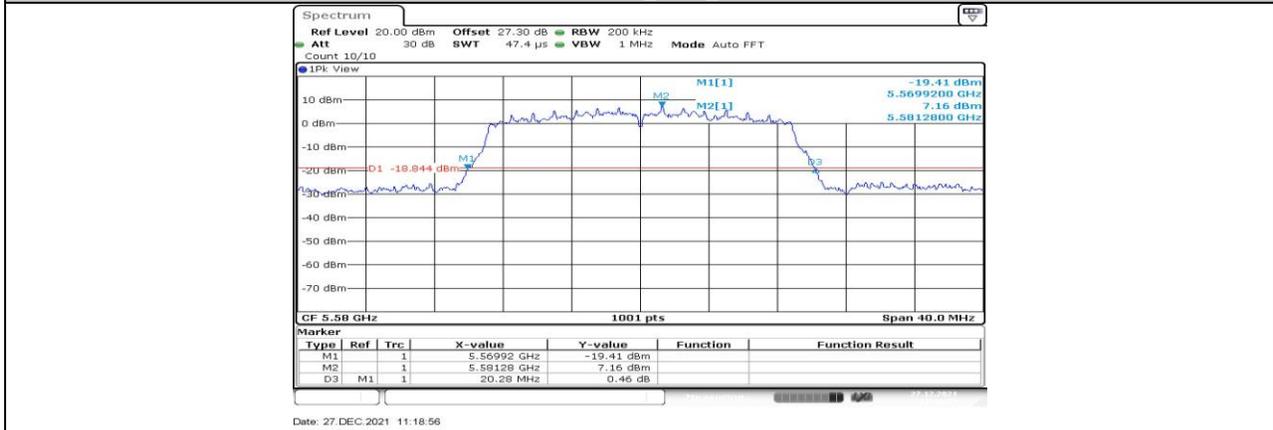




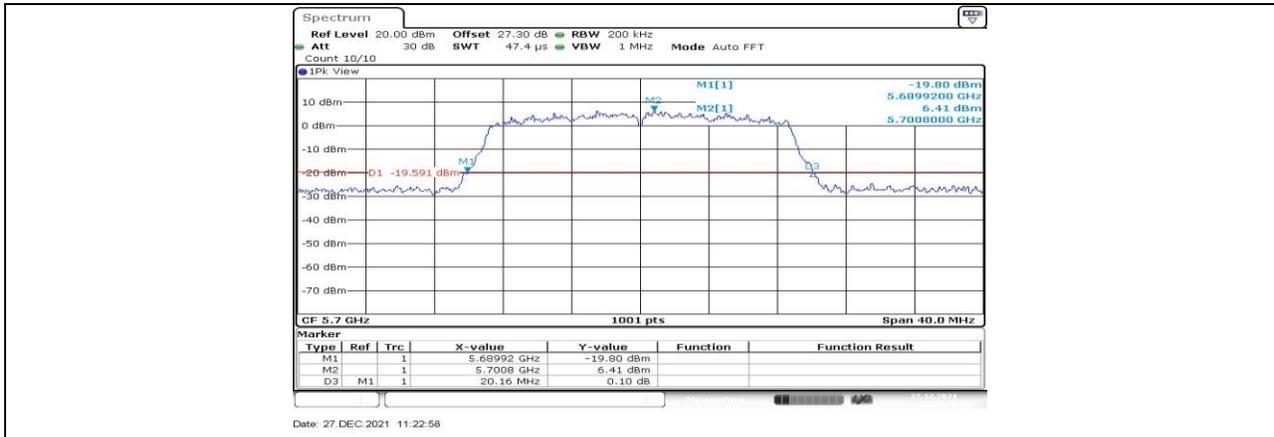
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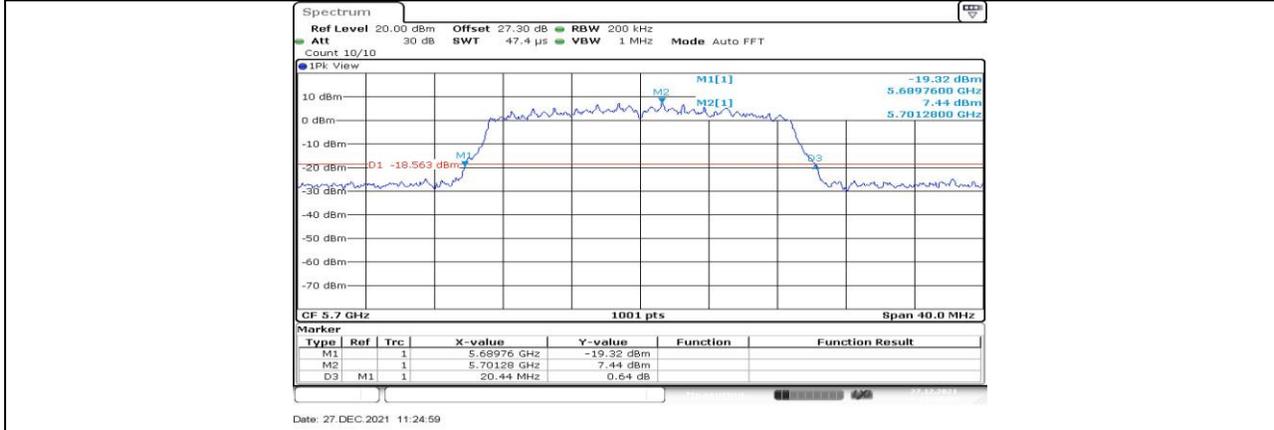
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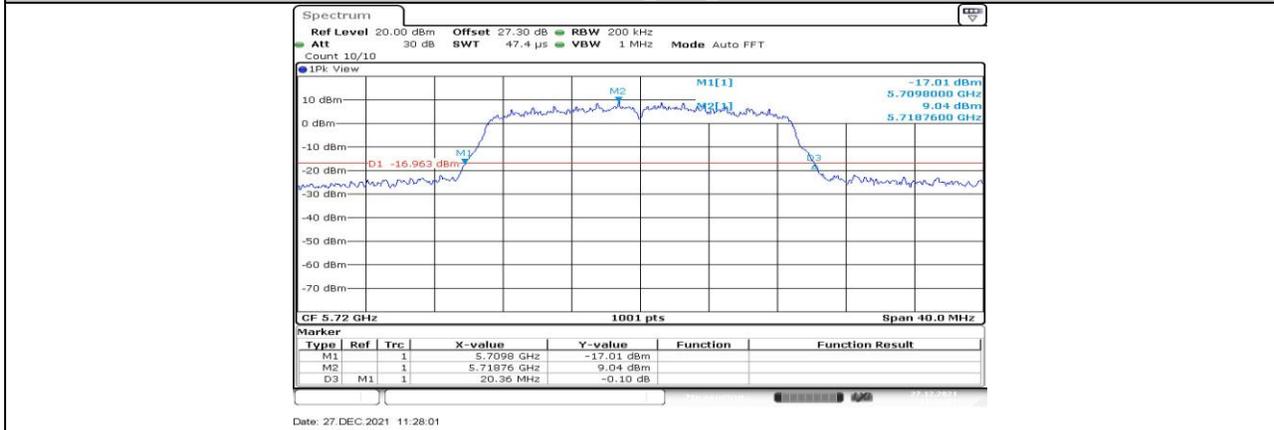
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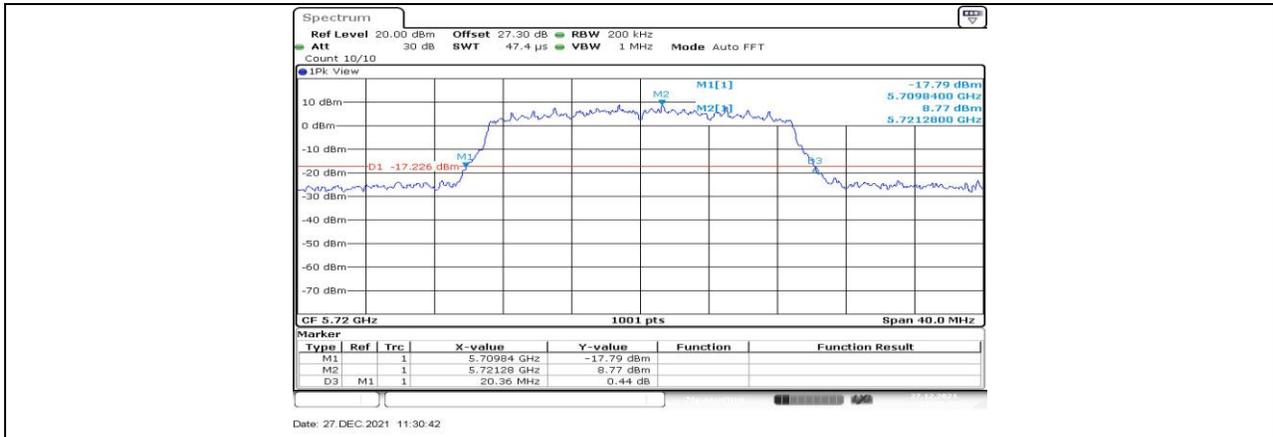
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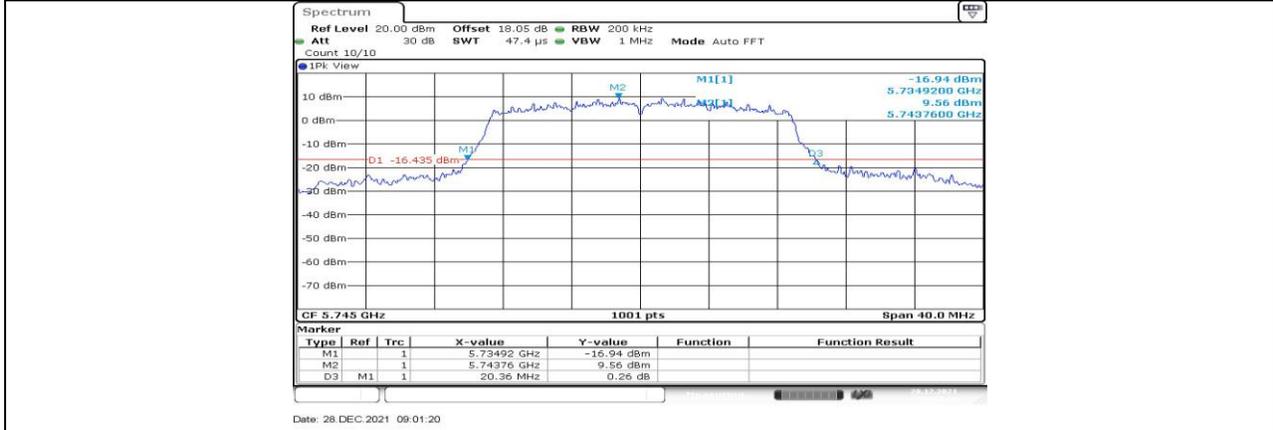
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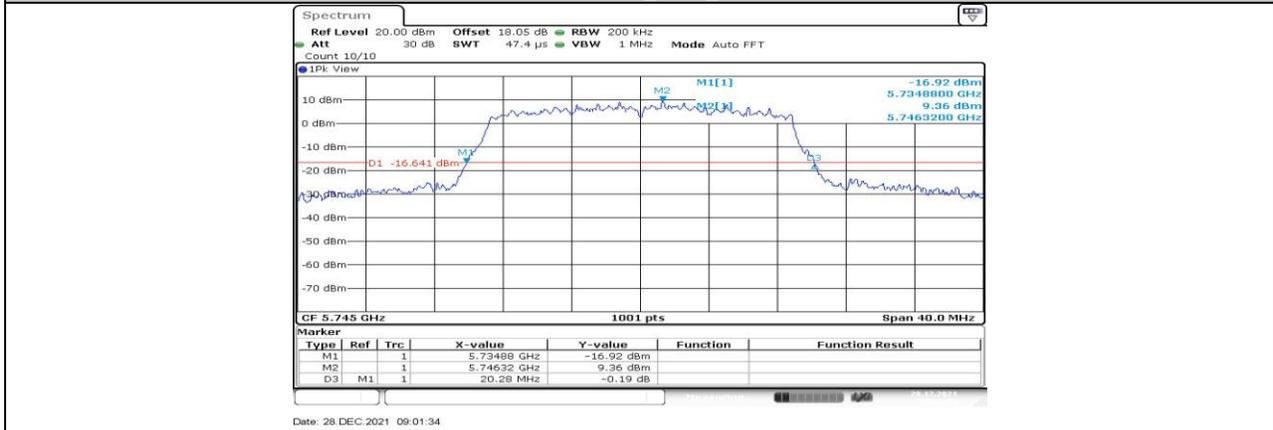
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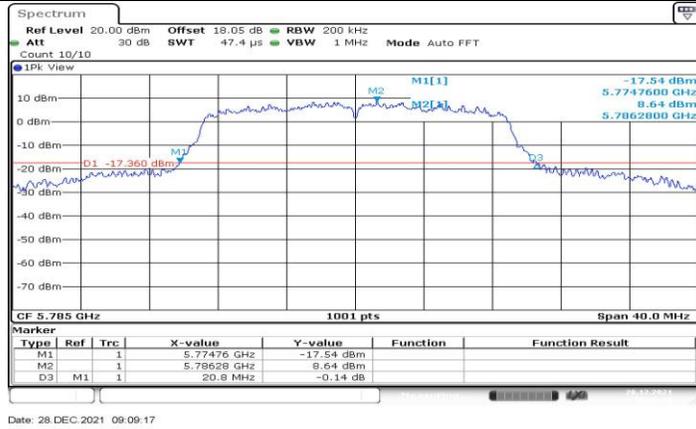
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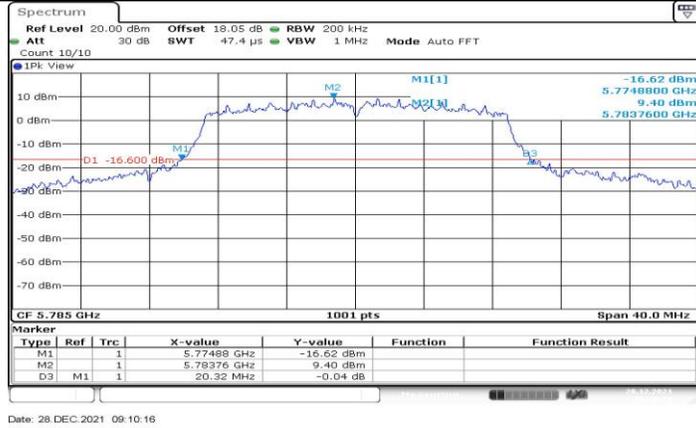
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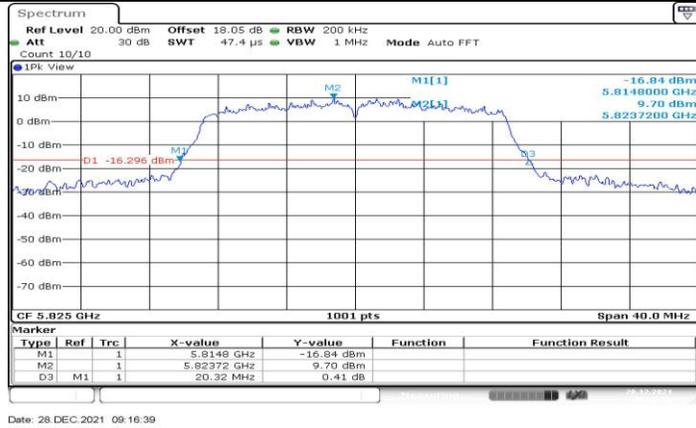
11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825

