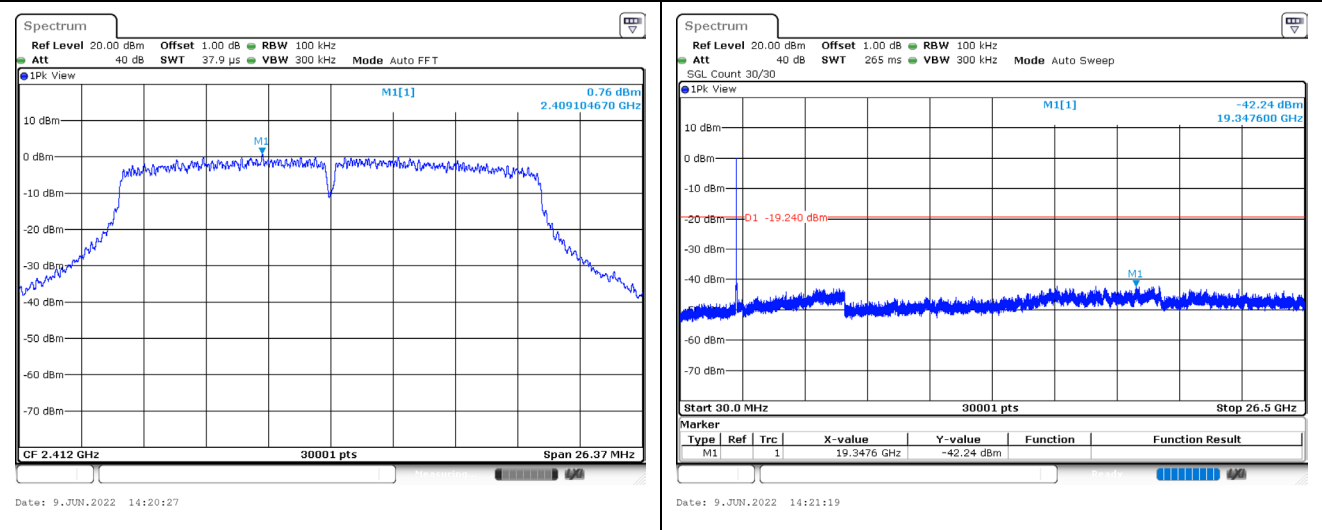
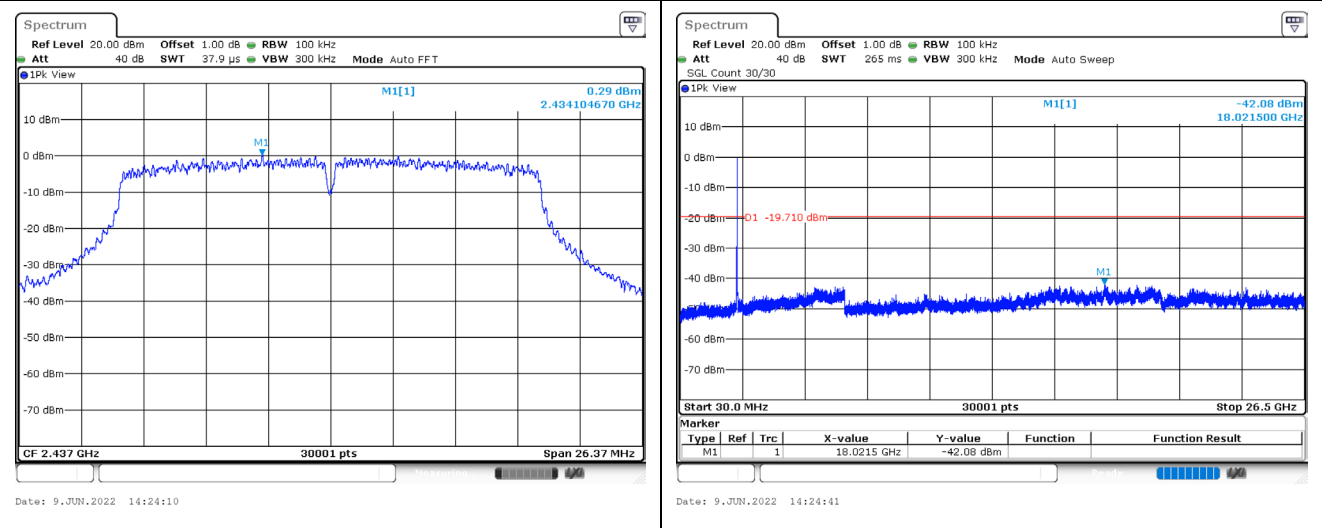


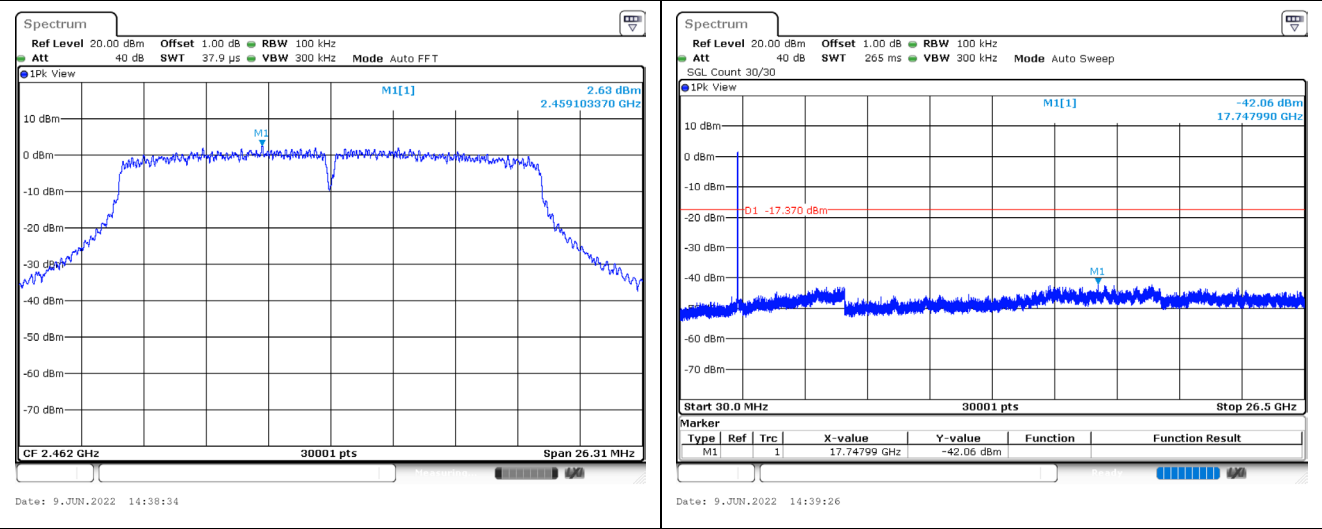
802.11n (20 MHz) / 2412 MHz / Ant. 1



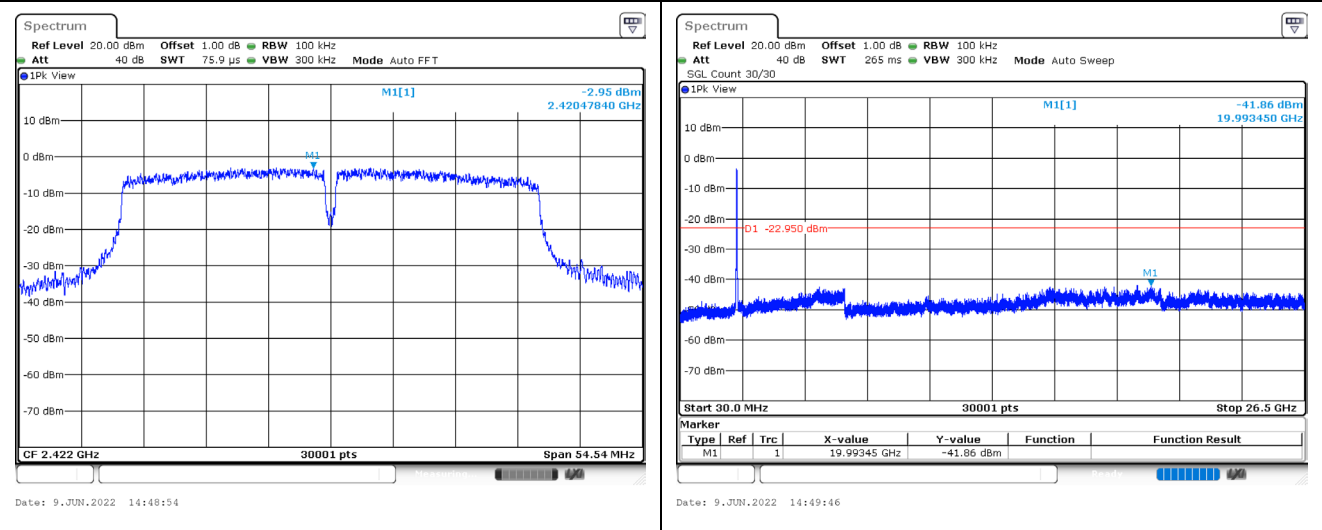
802.11n (20 MHz) / 2437 MHz / Ant. 1



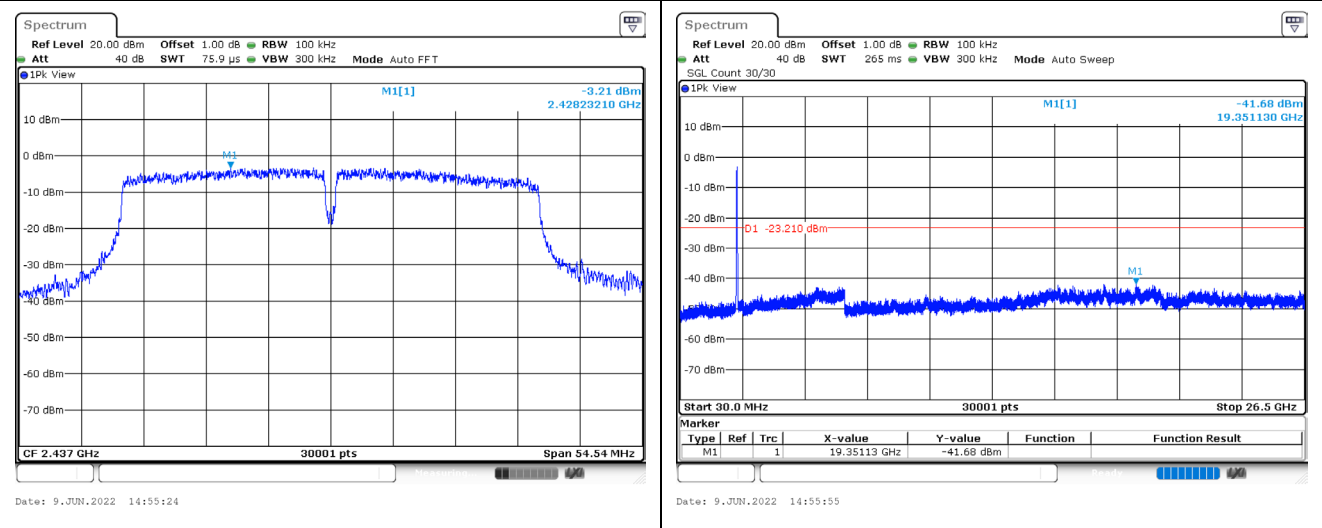
802.11n (20 MHz) / 2462 MHz / Ant. 1



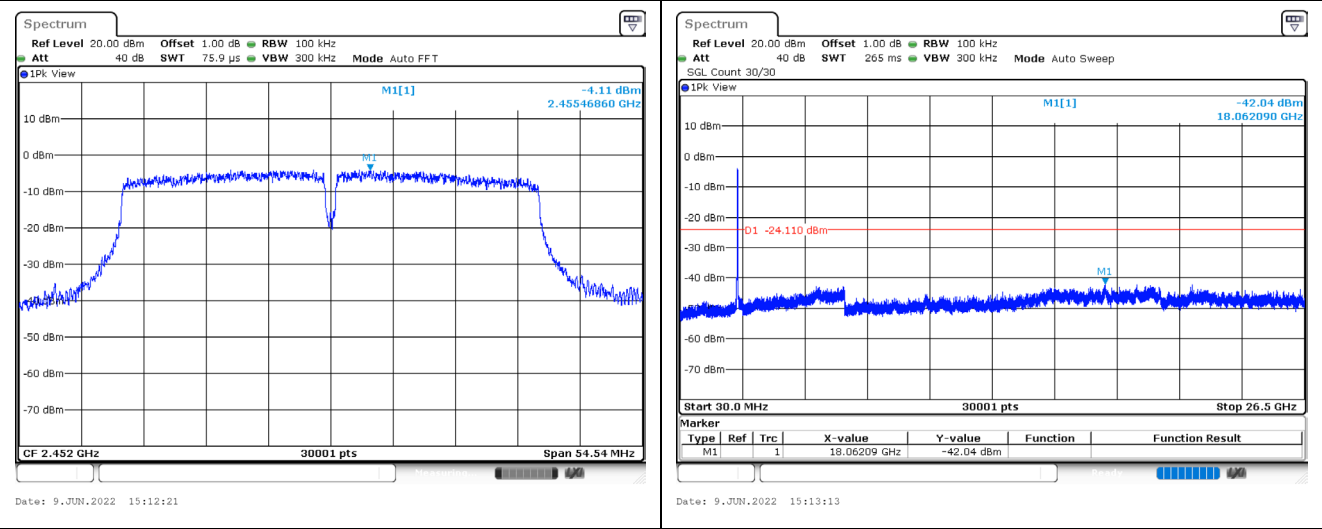
802.11n (40 MHz) / 2422 MHz / Ant. 0



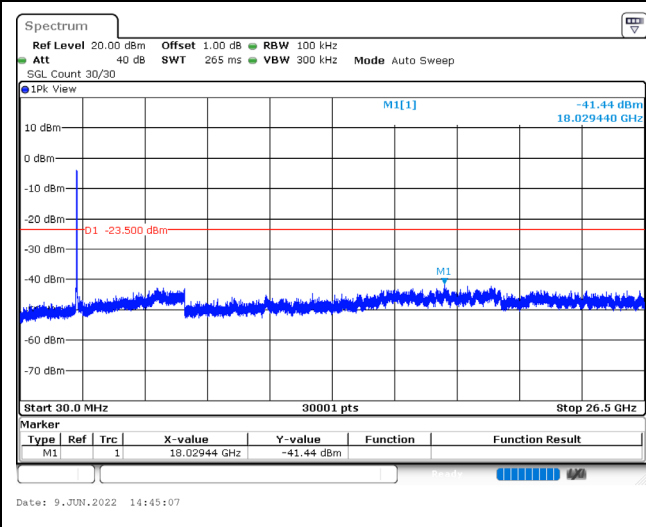
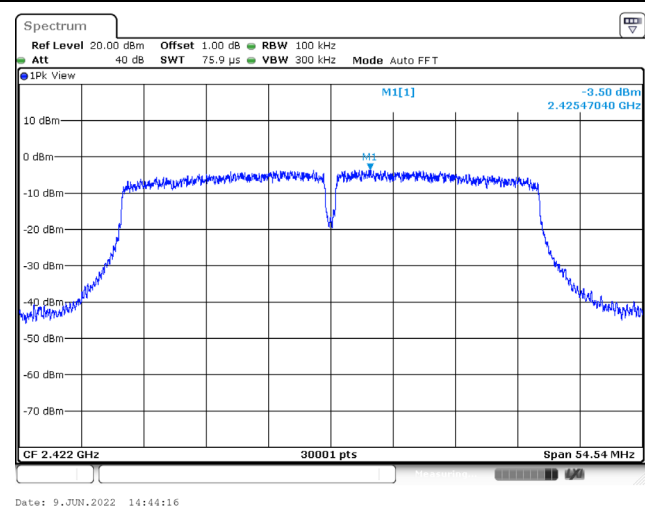
802.11n (40 MHz) / 2437 MHz / Ant. 0



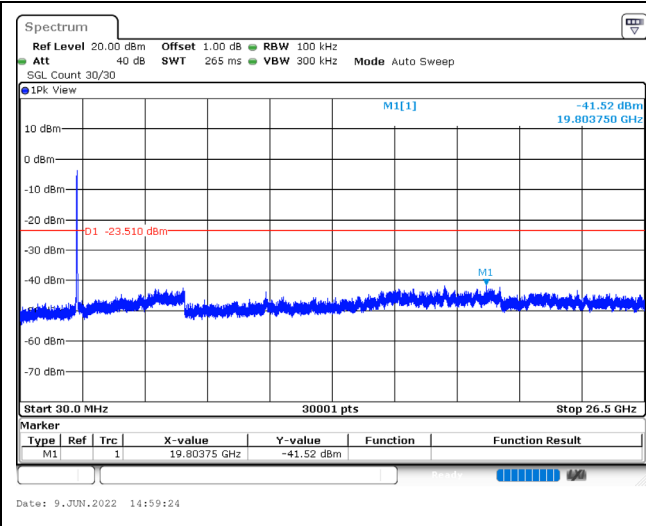
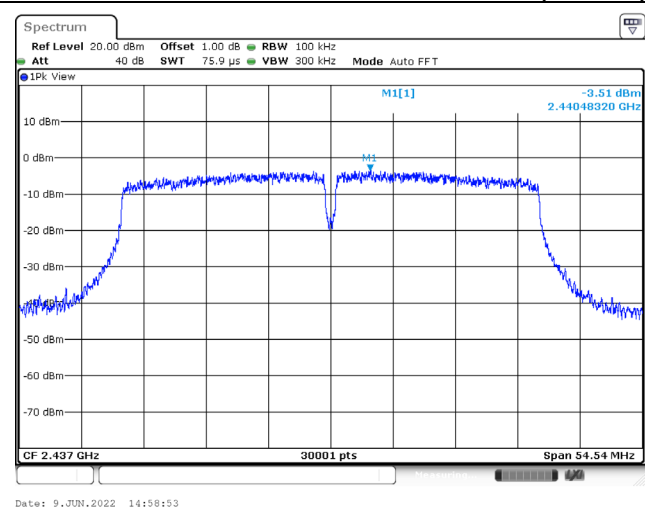
802.11n (40 MHz) / 2452 MHz / Ant. 0



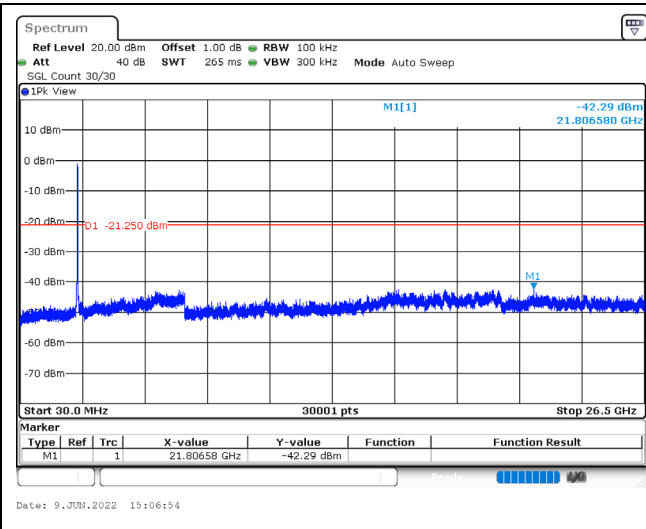
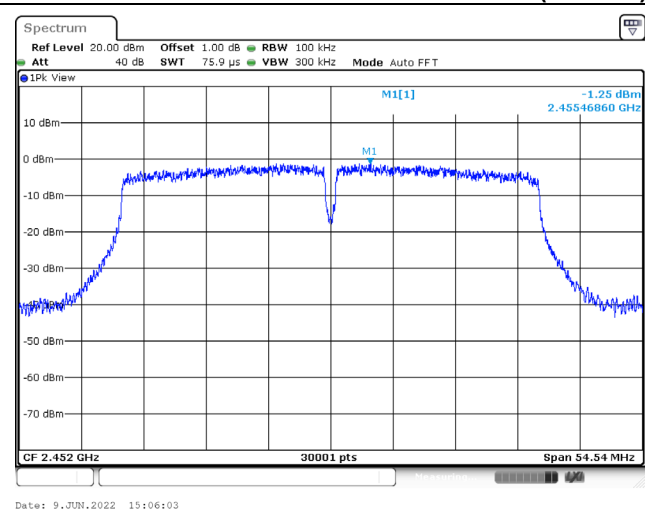
802.11n (40 MHz) / 2422 MHz / Ant. 1

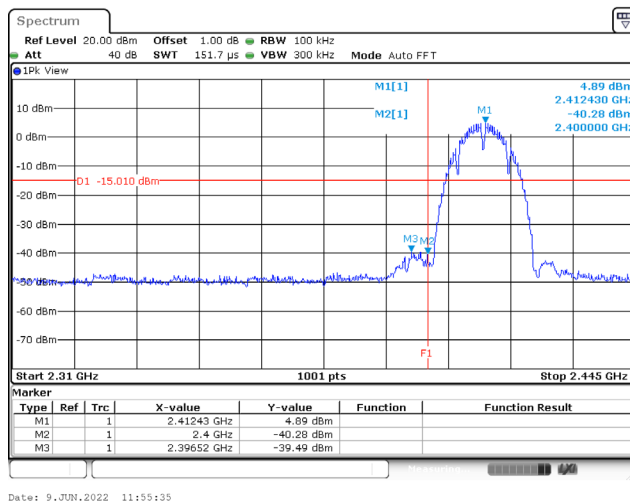
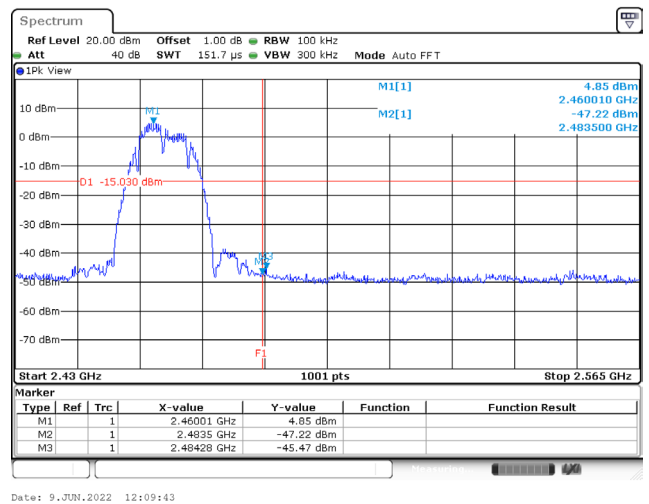
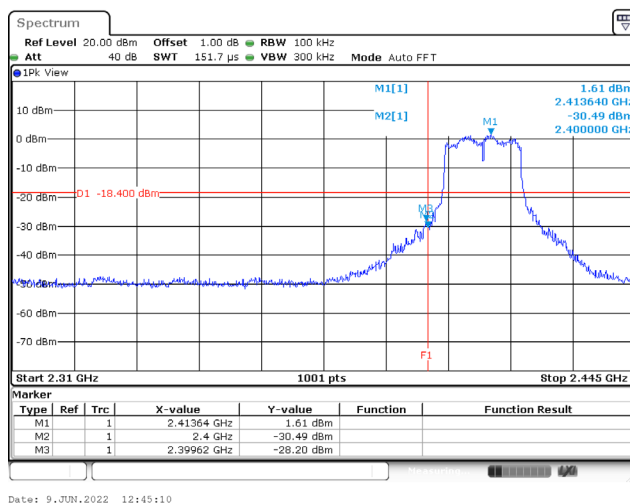
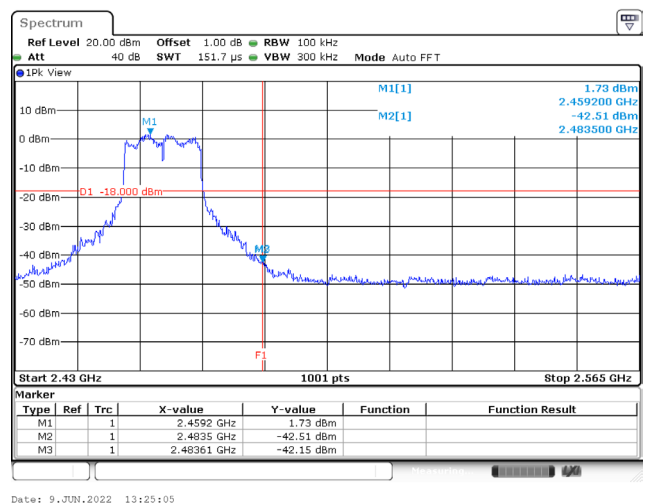
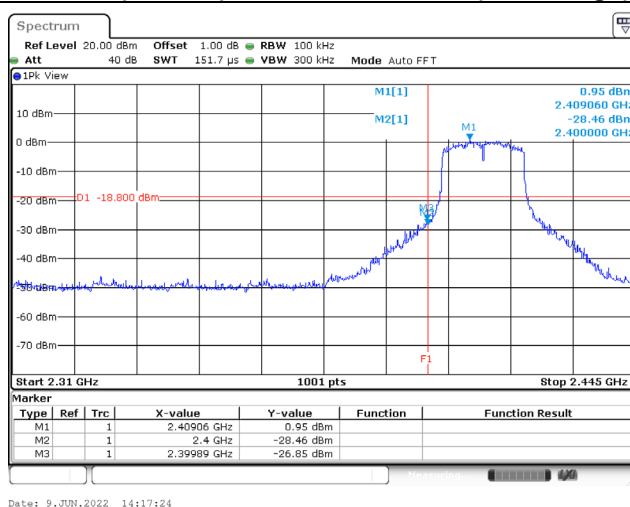
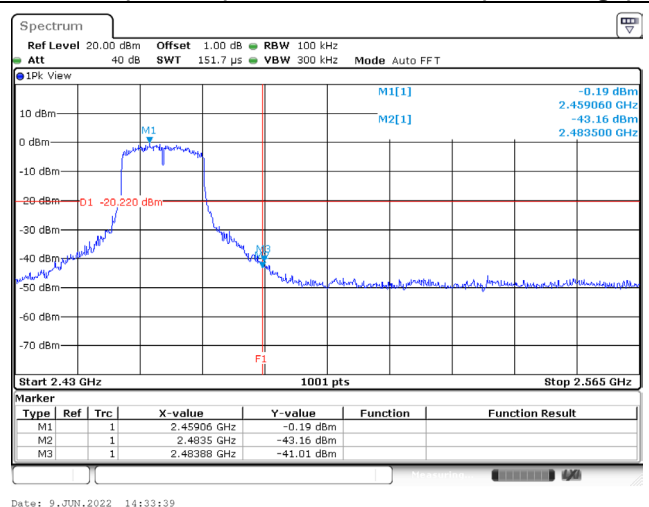


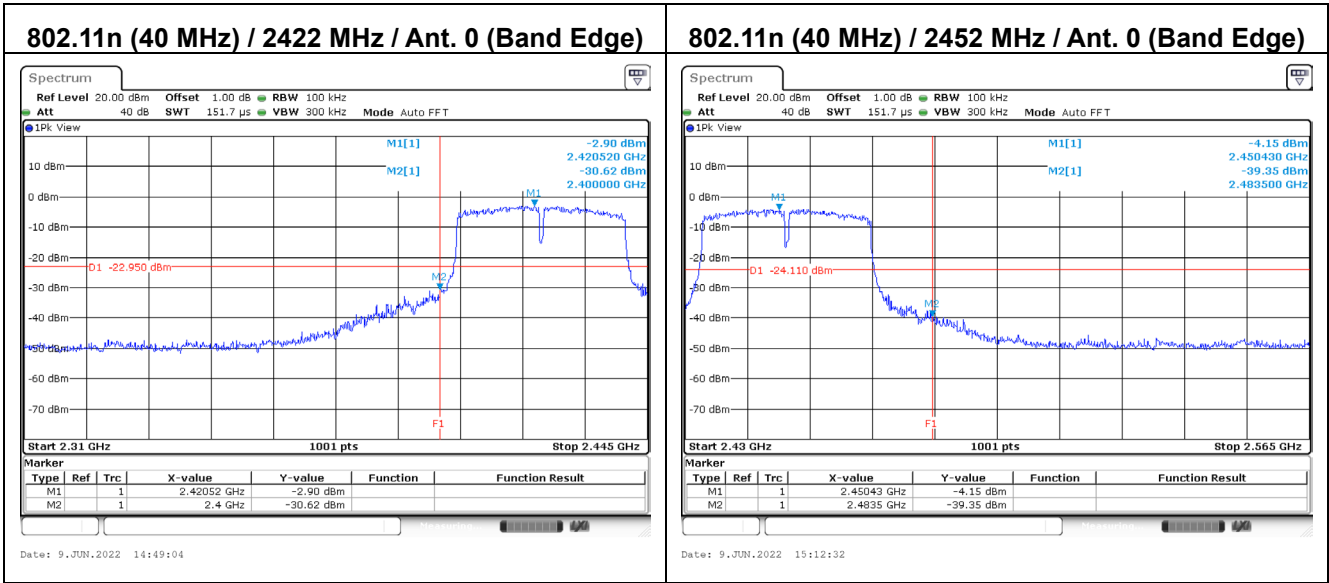
802.11n (40 MHz) / 2437 MHz / Ant. 1

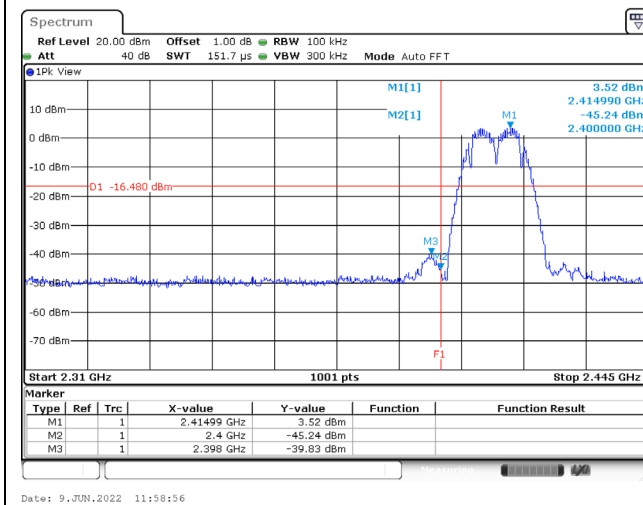
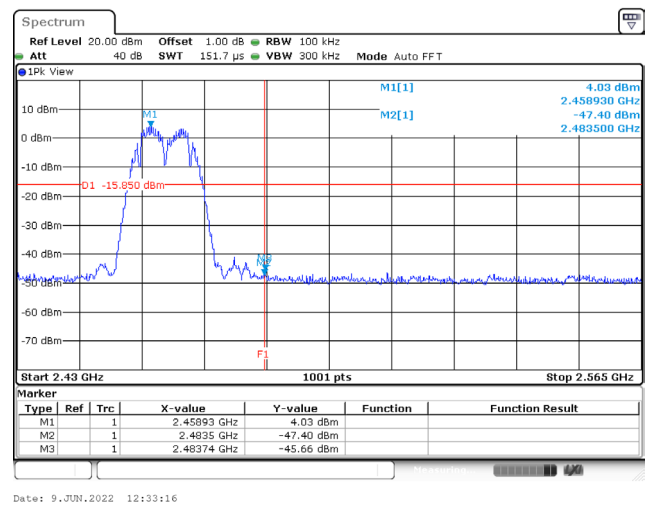
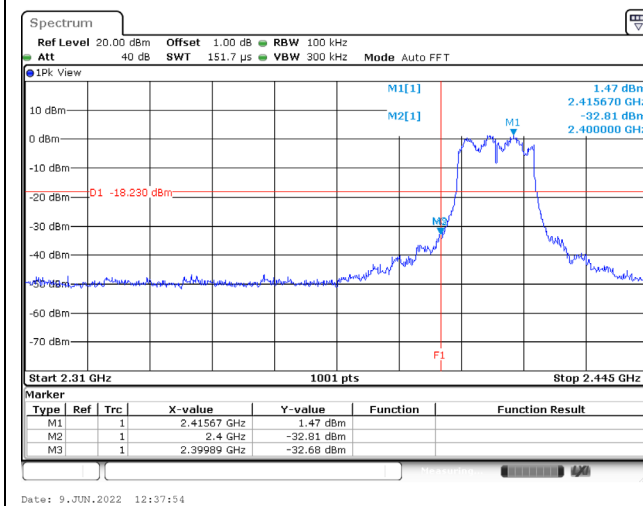
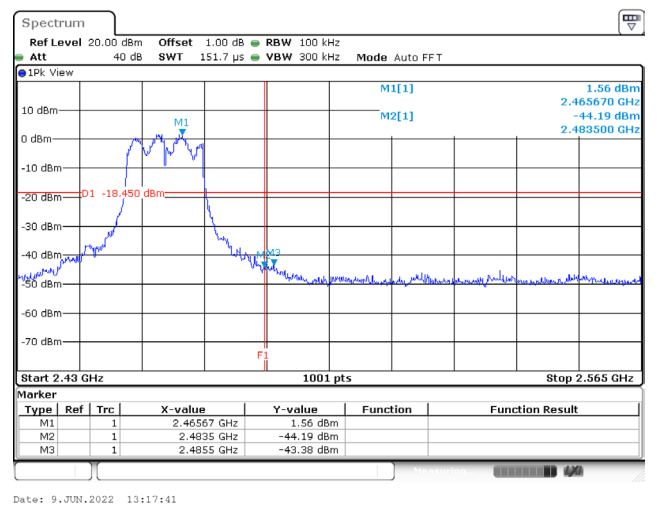
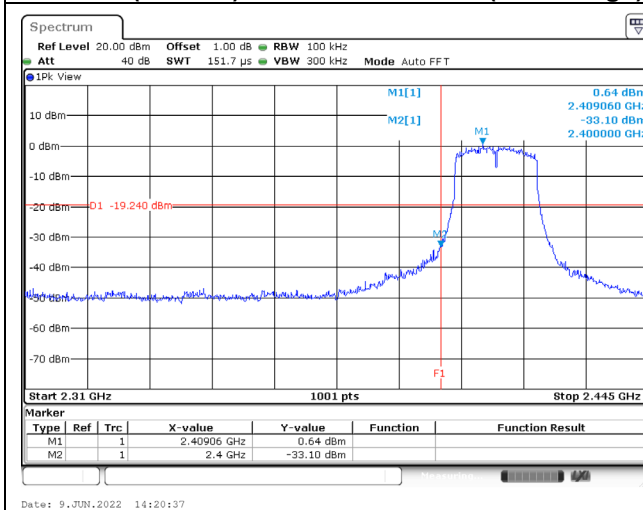
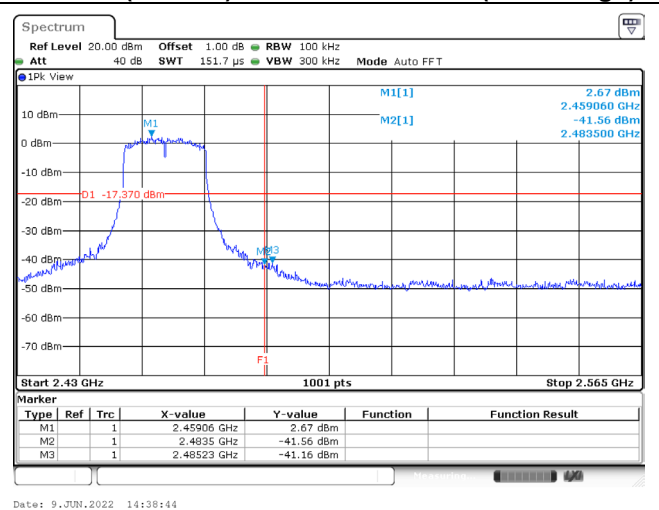


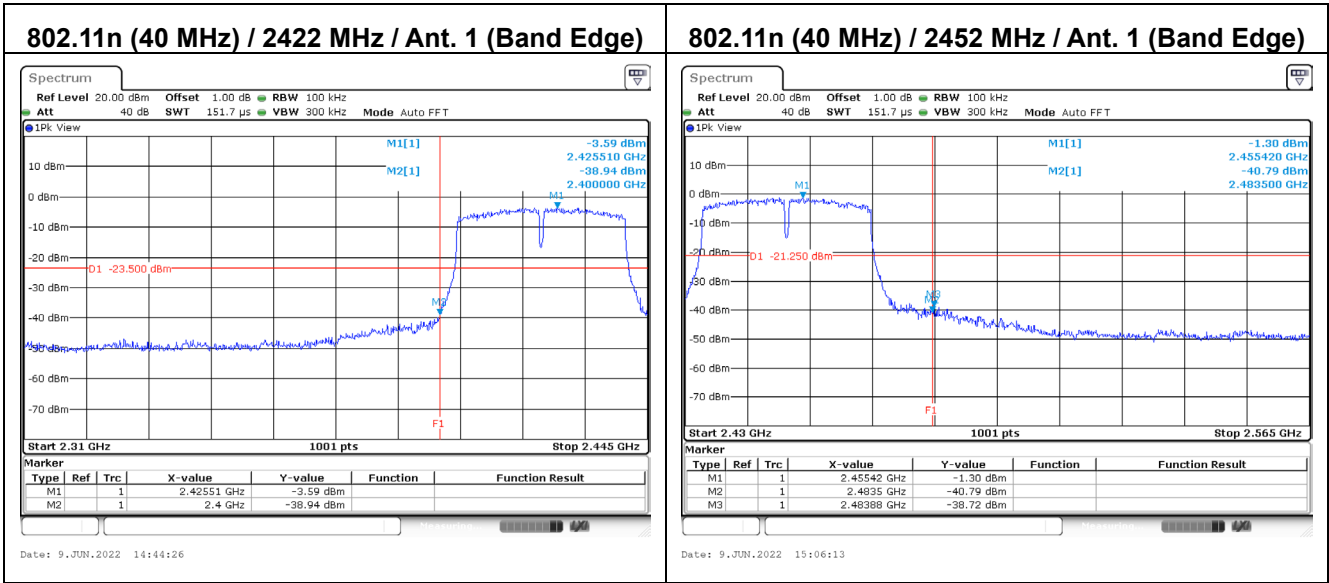
802.11n (40 MHz) / 2452 MHz / Ant. 1



802.11b / 2412 MHz / Ant. 0 (Band Edge)**802.11b / 2462 MHz / Ant. 0 (Band Edge)****802.11g / 2412 MHz / Ant. 0 (Band Edge)****802.11g / 2462 MHz / Ant. 0 (Band Edge)****802.11n (20 MHz) / 2412 MHz / Ant. 0 (Band Edge)****802.11n (20 MHz) / 2462 MHz / Ant. 0 (Band Edge)**



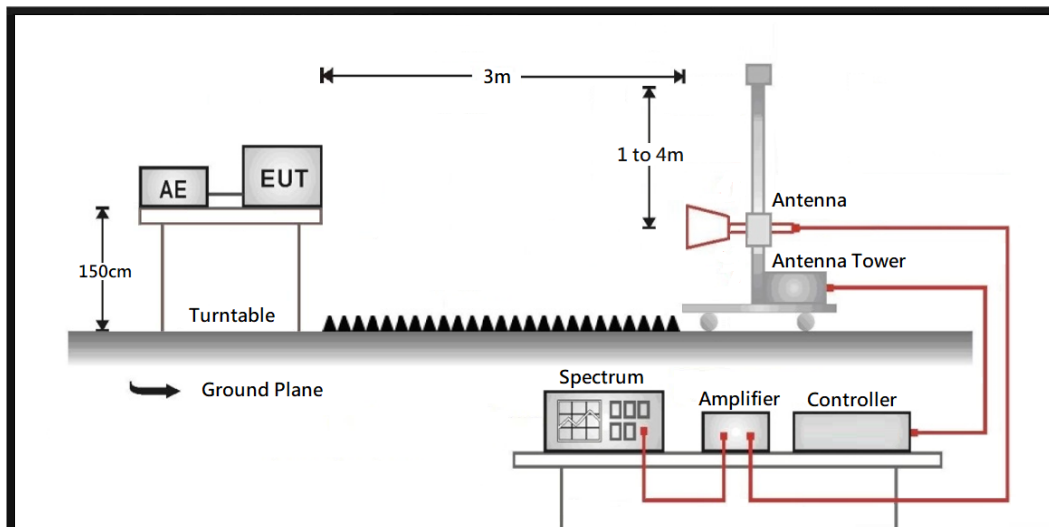
802.11b / 2412 MHz / Ant. 1 (Band Edge)**802.11b / 2462 MHz / Ant. 1 (Band Edge)****802.11g / 2412 MHz / Ant. 1 (Band Edge)****802.11g / 2462 MHz / Ant. 1 (Band Edge)****802.11n (20 MHz) / 2412 MHz / Ant. 1 (Band Edge)****802.11n (20 MHz) / 2462 MHz / Ant. 1 (Band Edge)**



V

6. Radiated Emission Band Edge

6.1. Test Setup



6.2. Test Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 30 dB below the level of the fundamental or to the general radiated emission limit in paragraph 15.209, whichever is the lesser attenuation.

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

6.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to FHSS test procedure of FCC KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

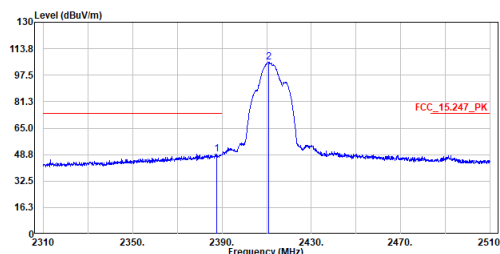
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

6.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247.

6.5. Test Result of Radiated Emission Band Edge

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2412MHz
Test By :Gary

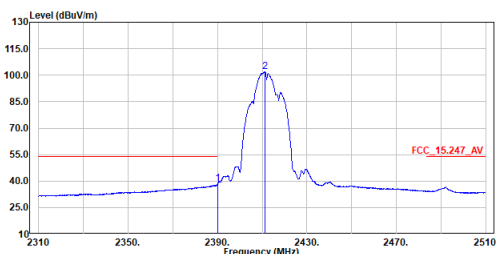


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.800	49.09	74.00	-24.91	36.17	12.92	Peak
2	2410.800	105.40	-----	-----	92.48	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2412MHz
Test By :Gary

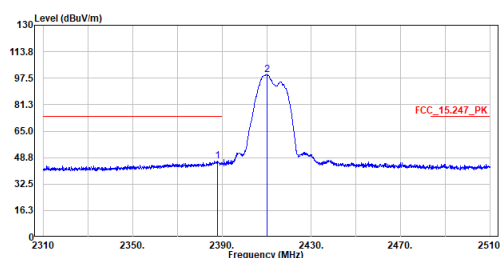


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	38.48	54.00	-15.52	25.56	12.92	Average
2	2411.200	102.13	-----	-----	89.21	12.92	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2412MHz
Test By :Gary

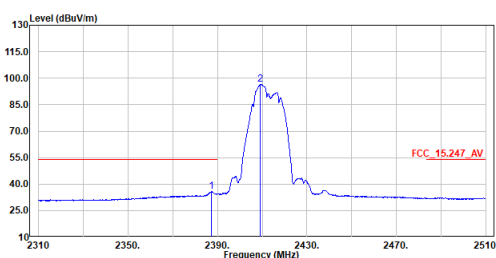


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.900	46.37	74.00	-27.63	33.45	12.92	Peak
2	2410.200	99.57	-----	-----	86.65	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2412MHz
Test By :Gary

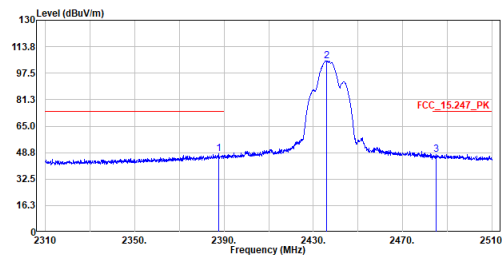


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.200	35.66	54.00	-18.34	22.73	12.93	Average
2	2409.200	96.51	-----	-----	83.60	12.91	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2437MHz
Test By :Gary

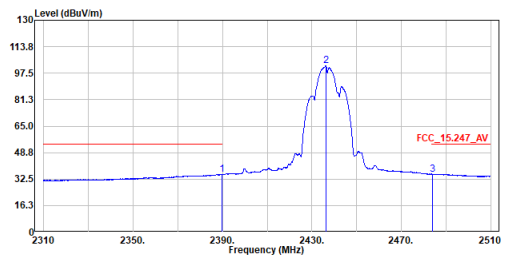


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.500	47.88	74.00	-26.12	34.95	12.93	Peak
2	2435.900	105.15	-----	-----	92.16	12.99	Peak
3	2485.100	47.82	74.00	-26.18	34.77	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2437MHz
Test By :Gary

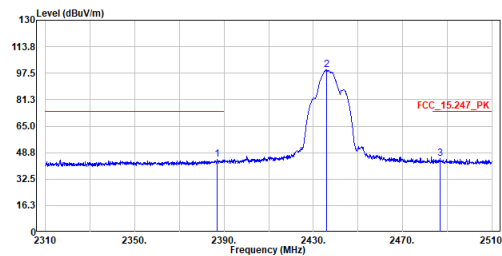


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.800	35.51	54.00	-18.49	22.59	12.92	Average
2	2436.200	101.96	-----	-----	88.97	12.99	Average
3	2483.800	35.50	54.00	-18.50	22.46	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2437MHz
Test By :Gary

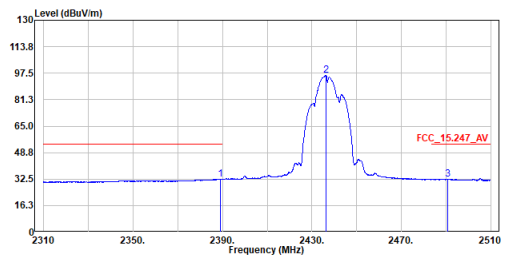


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.000	44.52	74.00	-29.48	31.59	12.93	Peak
2	2435.900	99.39	-----	-----	86.40	12.99	Peak
3	2486.700	45.03	74.00	-28.97	31.98	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2437MHz
Test By :Gary

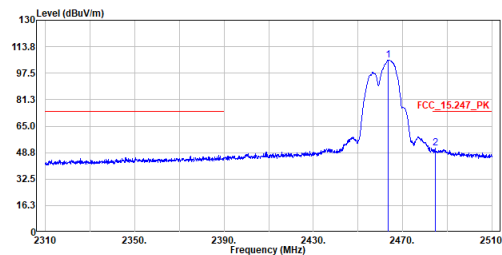


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.100	32.57	54.00	-21.43	19.65	12.92	Average
2	2436.200	96.20	-----	-----	83.21	12.99	Average
3	2490.900	32.42	54.00	-21.58	19.36	13.06	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2462MHz
Test By :Gary

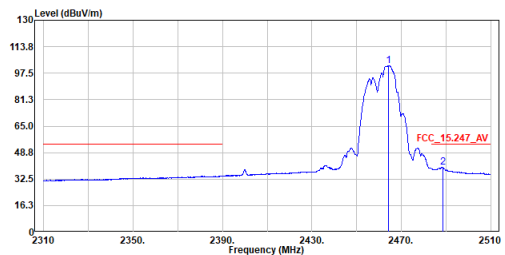


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2463.700	105.63	74.00	-22.65	38.30	13.03	Peak
2	2484.500	51.35	74.00	-22.65	38.30	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11b_TX_2462MHz
Test By :Gary

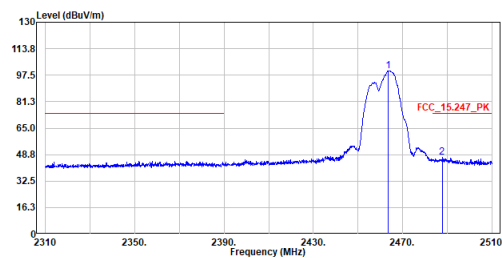


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2464.200	102.13	54.00	-14.07	26.88	13.03	Average
2	2488.500	39.93	54.00	-14.07	26.88	13.05	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2462MHz
Test By :Gary

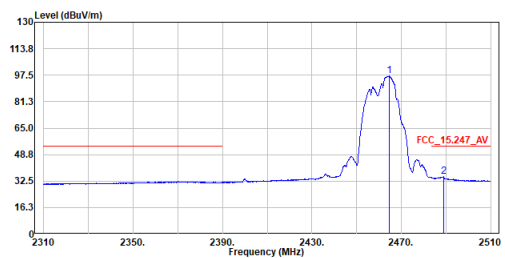


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2463.700	100.29	74.00	-27.10	33.85	13.03	Peak
2	2487.700	46.90	74.00	-27.10	33.85	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11b_TX_2462MHz
Test By :Gary

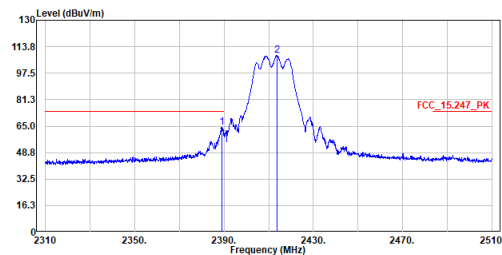


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2464.700	96.90	54.00	-18.83	22.12	13.03	Average
2	2488.900	35.17	54.00	-18.83	22.12	13.05	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2412MHz
Test By :Gary

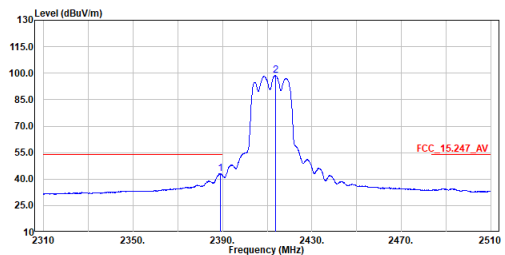


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.000	64.41	74.00	-9.59	51.49	12.92	Peak
2	2413.600	108.24	-----	-----	95.32	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2412MHz
Test By :Gary

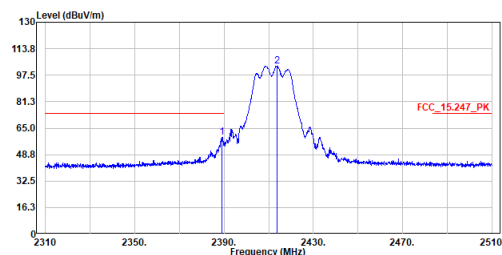


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.900	43.10	54.00	-10.90	30.18	12.92	Average
2	2413.700	98.63	-----	-----	85.71	12.92	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2412MHz
Test By :Gary

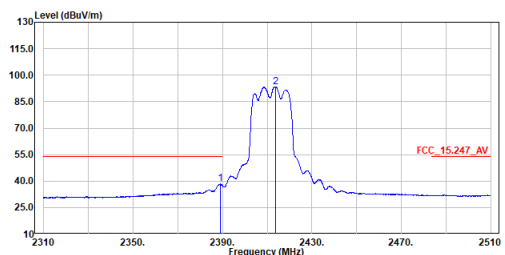


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.100	59.25	74.00	-14.75	46.33	12.92	Peak
2	2413.600	103.15	-----	-----	90.23	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2412MHz
Test By :Gary

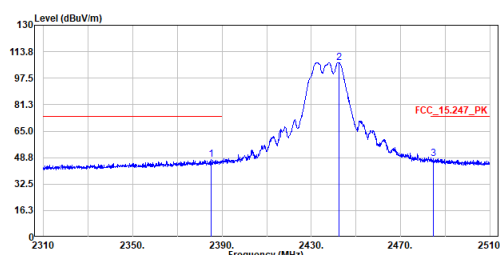


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.200	38.40	54.00	-15.60	25.49	12.91	Average
2	2413.700	93.51	-----	-----	80.59	12.92	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2437MHz
Test By :Gary

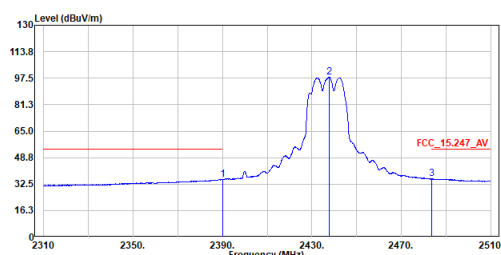


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2385.000	47.44	74.00	-26.56	34.50	12.94	Peak
2	2442.400	107.17	-----	-----	94.17	13.00	Peak
3	2484.500	48.19	74.00	-25.81	35.14	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2437MHz
Test By :Gary

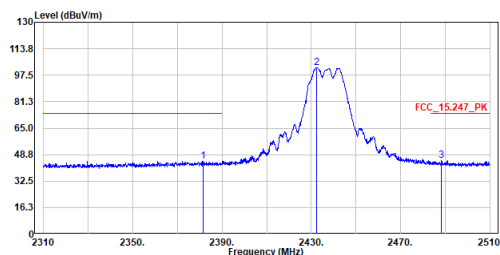


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	35.49	54.00	-18.51	22.57	12.92	Average
2	2437.700	97.99	-----	-----	85.00	12.99	Average
3	2483.700	35.74	54.00	-18.26	22.70	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2437MHz
Test By :Gary

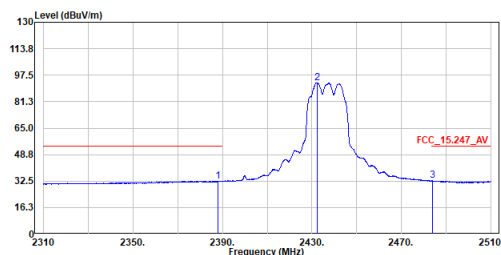


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2381.700	44.58	74.00	-29.42	31.64	12.94	Peak
2	2432.300	102.25	-----	-----	89.28	12.97	Peak
3	2488.400	45.20	74.00	-28.80	32.15	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2437MHz
Test By :Gary

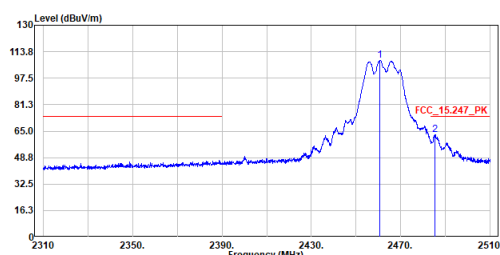


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.100	32.55	54.00	-21.45	19.63	12.92	Average
2	2432.400	92.89	-----	-----	79.92	12.97	Average
3	2483.800	32.70	54.00	-21.30	19.66	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2462MHz
Test By :Gary

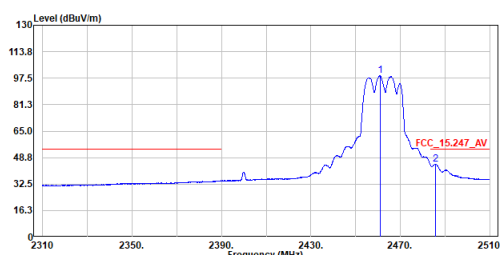


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.800	108.35	-----	-----	95.32	13.03	Peak
2	2485.500	62.99	74.00	-11.01	49.94	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11g_TX_2462MHz
Test By :Gary

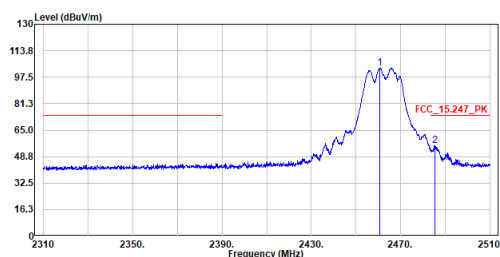


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.900	98.90	-----	-----	85.87	13.03	Average
2	2485.800	44.84	54.00	-9.16	31.79	13.05	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2462MHz
Test By :Gary

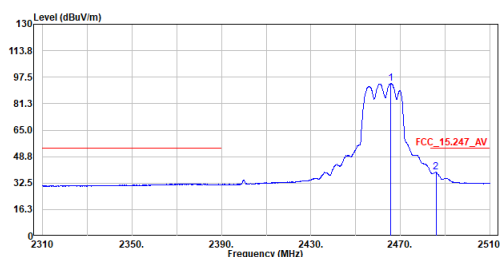


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.800	102.90	-----	-----	89.87	13.03	Peak
2	2485.500	55.39	74.00	-18.61	42.34	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11g_TX_2462MHz
Test By :Gary

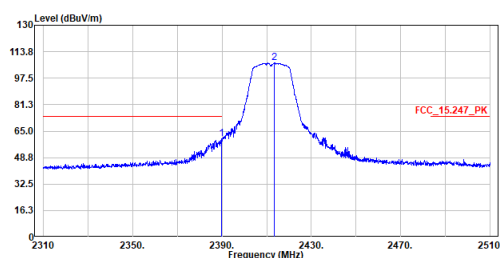


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2465.800	93.55	-----	-----	80.51	13.04	Average
2	2485.900	39.08	54.00	-14.92	26.03	13.05	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2412MHz
Test By :Gary

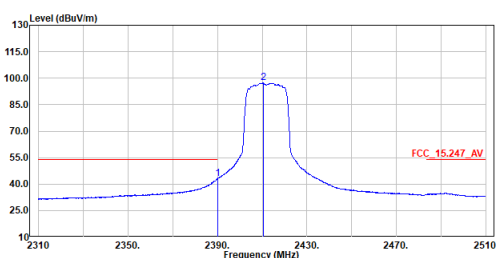


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	60.31	74.00	-13.69	47.39	12.92	Peak
2	2413.500	106.82	-----	-----	93.90	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2412MHz
Test By :Gary

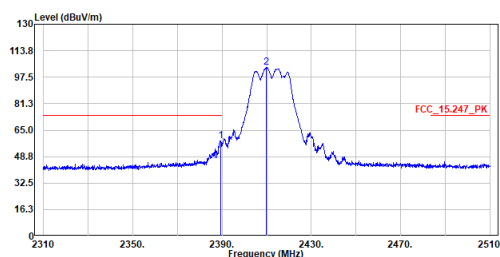


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	43.14	54.00	-10.86	30.22	12.92	Average
2	2410.400	97.33	-----	-----	84.41	12.92	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2412MHz
Test By :Gary

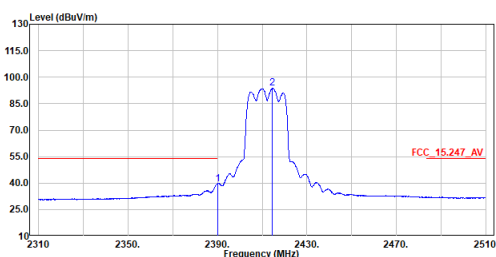


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.300	58.39	74.00	-15.61	45.47	12.92	Peak
2	2409.900	103.47	-----	-----	90.55	12.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2412MHz
Test By :Gary

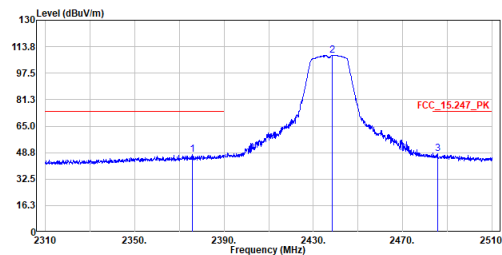


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	39.51	54.00	-14.49	26.59	12.92	Average
2	2414.600	93.56	-----	-----	80.63	12.93	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2437MHz
Test By :Gary

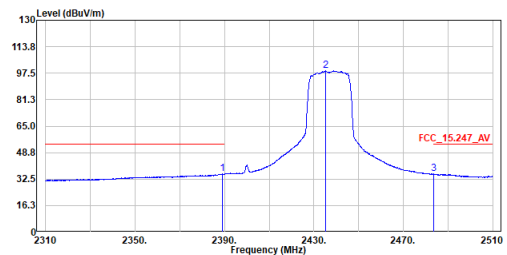


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2375.800	47.58	74.00	-26.42	34.61	12.97	Peak
2	2438.600	108.58	-----	-----	95.59	12.99	Peak
3	2485.600	48.03	74.00	-25.97	34.98	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2437MHz
Test By :Gary

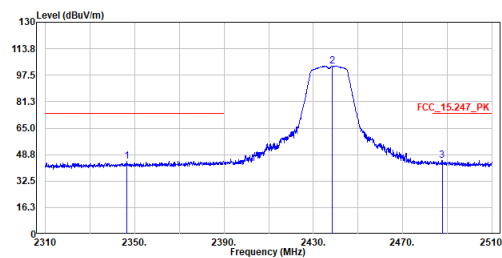


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.100	35.58	54.00	-18.42	22.66	12.92	Average
2	2435.300	98.86	-----	-----	85.88	12.98	Average
3	2483.700	35.60	54.00	-18.40	22.56	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2437MHz
Test By :Gary

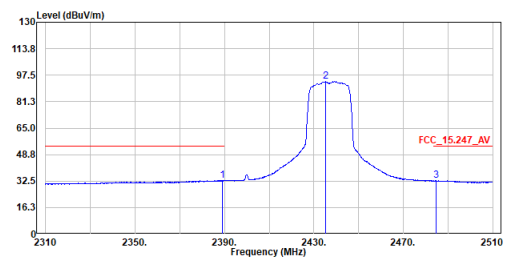


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2346.600	44.73	74.00	-29.27	31.69	13.04	Peak
2	2438.600	103.25	-----	-----	90.26	12.99	Peak
3	2487.700	45.10	74.00	-28.90	32.05	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2437MHz
Test By :Gary

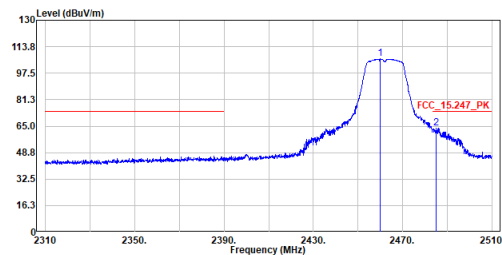


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.900	32.81	54.00	-21.19	19.89	12.92	Average
2	2435.200	93.51	-----	-----	80.53	12.98	Average
3	2484.700	32.99	54.00	-21.01	19.94	13.05	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2462MHz
Test By :Gary

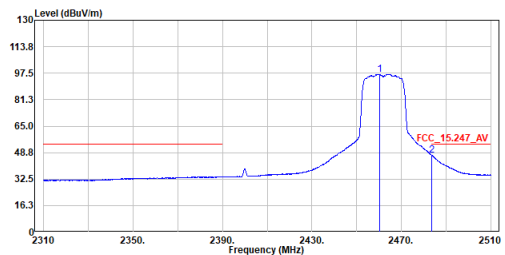


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.000	106.27	-----	-----	93.24	13.03	Peak
2	2485.100	63.98	74.00	-10.02	50.93	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n20_TX_2462MHz
Test By :Gary

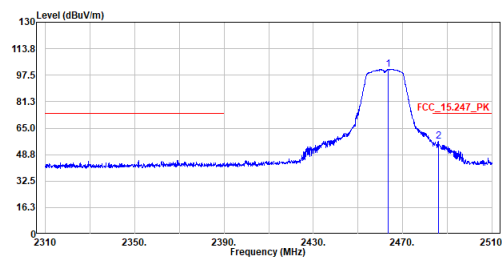


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2460.300	96.81	-----	-----	83.78	13.03	Average
2	2483.600	47.17	54.00	-6.83	34.13	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2462MHz
Test By :Gary

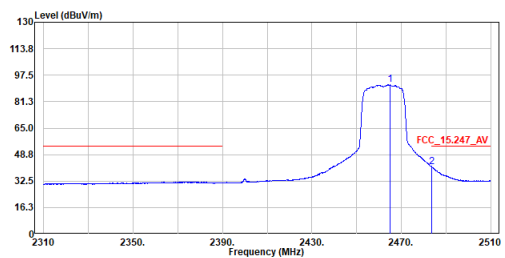


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2463.700	101.14	-----	-----	88.11	13.03	Peak
2	2486.000	57.03	74.00	-16.97	43.98	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n20_TX_2462MHz
Test By :Gary

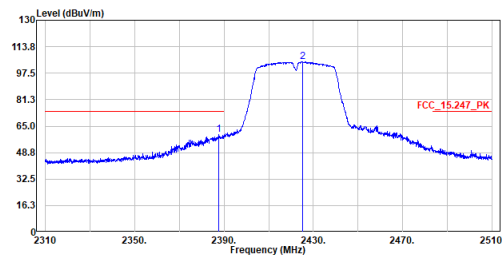


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2465.000	91.54	-----	-----	78.51	13.03	Average
2	2483.600	41.16	54.00	-12.84	28.12	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2422MHz
Test By :Gary

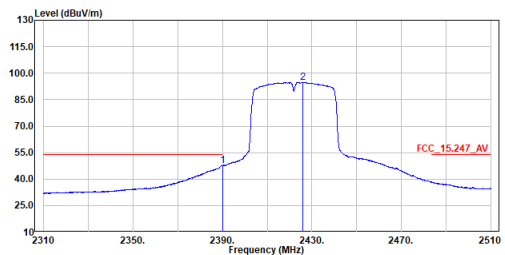


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2387.700	59.93	74.00	-14.07	47.01	12.92	Peak
2	2425.200	104.35	-----	-----	91.40	12.95	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2422MHz
Test By :Gary

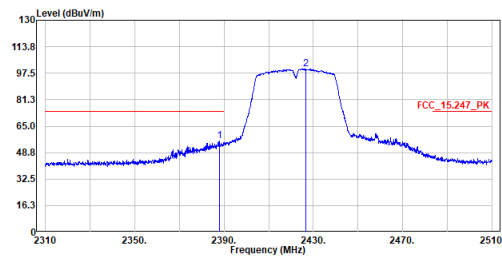


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	47.71	54.00	-6.29	34.79	12.92	Average
2	2425.800	94.86	-----	-----	81.91	12.95	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2422MHz
Test By :Gary

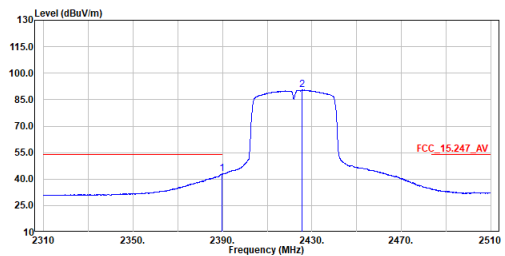


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.000	55.73	74.00	-18.27	42.81	12.92	Peak
2	2426.500	99.98	-----	-----	87.03	12.95	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2422MHz
Test By :Gary

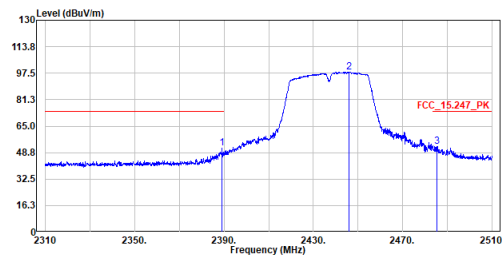


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.900	42.86	54.00	-11.14	29.94	12.92	Average
2	2425.700	90.44	-----	-----	77.49	12.95	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2437MHz
Test By :Gary

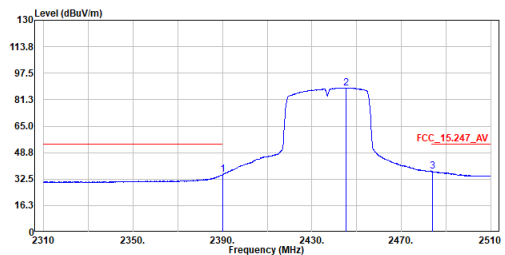


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.100	51.47	74.00	-22.53	38.55	12.92	Peak
2	2446.000	98.18	-----	-----	85.17	13.01	Peak
3	2485.300	52.65	74.00	-21.35	39.60	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2437MHz
Test By :Gary

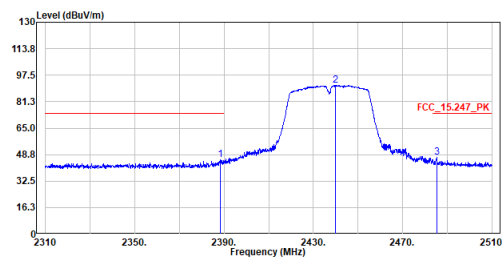


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2390.000	35.18	54.00	-18.82	22.26	12.92	Average
2	2445.400	88.53	-----	-----	75.52	13.01	Average
3	2483.800	37.07	54.00	-16.93	24.03	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2437MHz
Test By :Gary

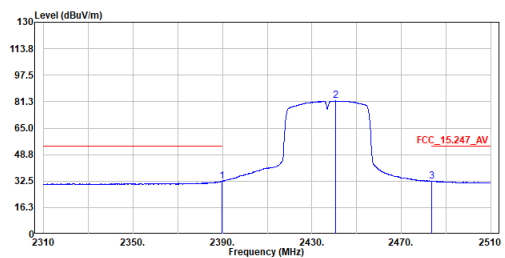


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.200	45.83	74.00	-28.17	32.91	12.92	Peak
2	2439.900	91.31	-----	-----	78.31	13.00	Peak
3	2485.200	46.91	74.00	-27.09	33.86	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2437MHz
Test By :Gary

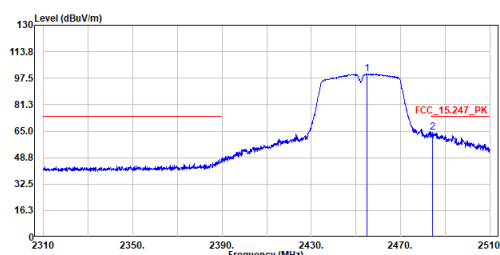


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.800	32.48	54.00	-21.52	19.56	12.92	Average
2	2440.700	81.70	-----	-----	68.70	13.00	Average
3	2483.700	32.52	54.00	-21.48	19.48	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2452MHz
Test By :Gary

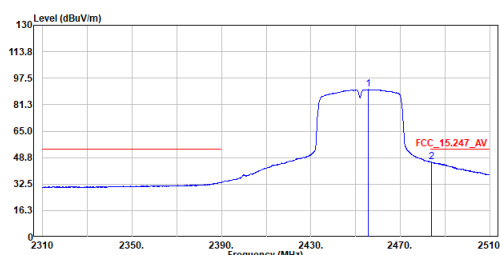


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2455.100	100.06	-----	-----	87.03	13.03	Peak
2	2484.400	64.10	74.00	-9.90	51.05	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Horizontal
Mode :11n40_TX_2452MHz
Test By :Gary

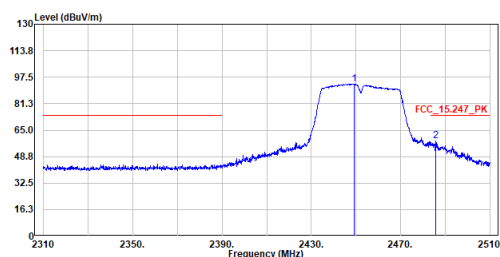


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2455.800	90.59	-----	-----	77.56	13.03	Average
2	2483.900	46.17	54.00	-7.83	33.13	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2452MHz
Test By :Gary

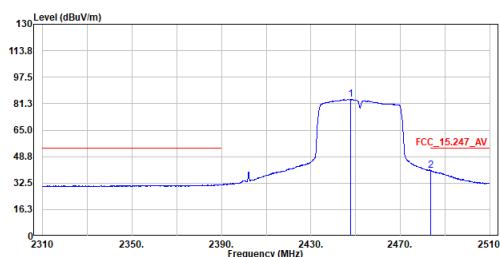


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2449.100	93.43	-----	-----	80.41	13.02	Peak
2	2485.600	58.26	74.00	-15.74	45.21	13.05	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :11n40_TX_2452MHz
Test By :Gary



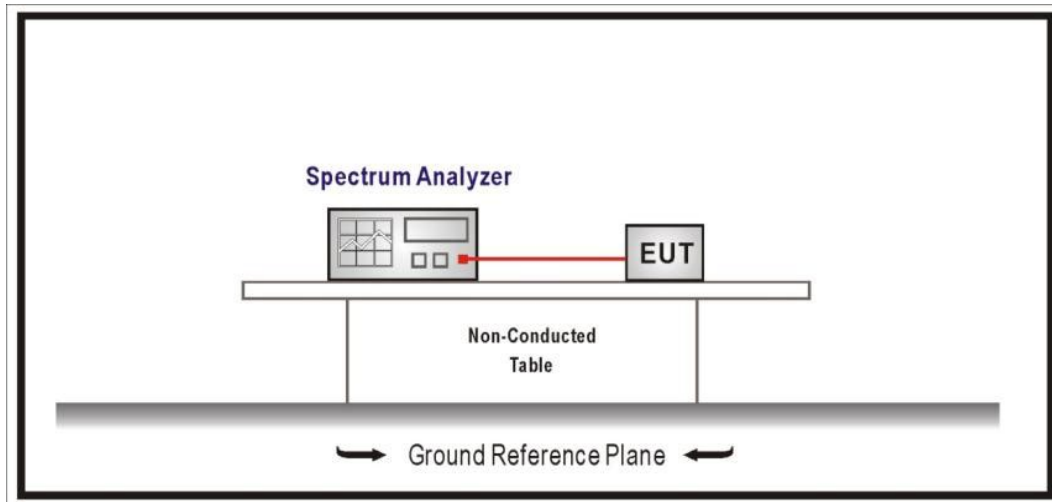
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2447.900	83.88	-----	-----	70.86	13.02	Average
2	2483.600	40.14	54.00	-13.86	27.10	13.04	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

7. Occupied Bandwidth & DTS Bandwidth

7.1. Test Setup



7.2. Test Limit

The 6 dB bandwidth: ≥ 0.50 MHz.

Occupied Bandwidth: NA

7.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 V05r02 for compliance to FCC 47CFR 15.247 requirements.

7.4. Test Specification

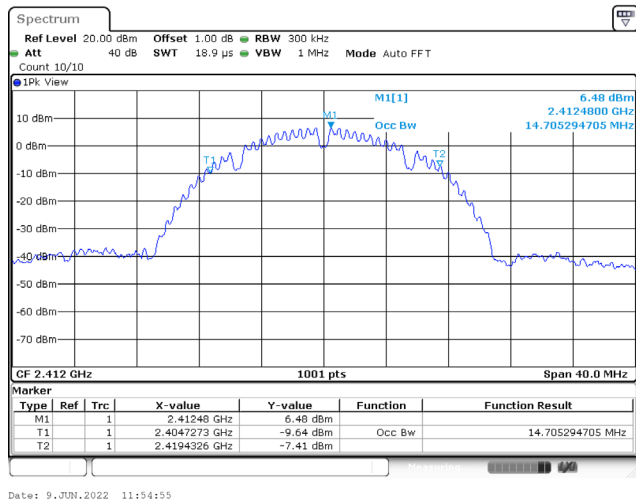
According to FCC Part 15 Subpart C Paragraph 15.247.

7.5. Test Result of Occupied Bandwidth

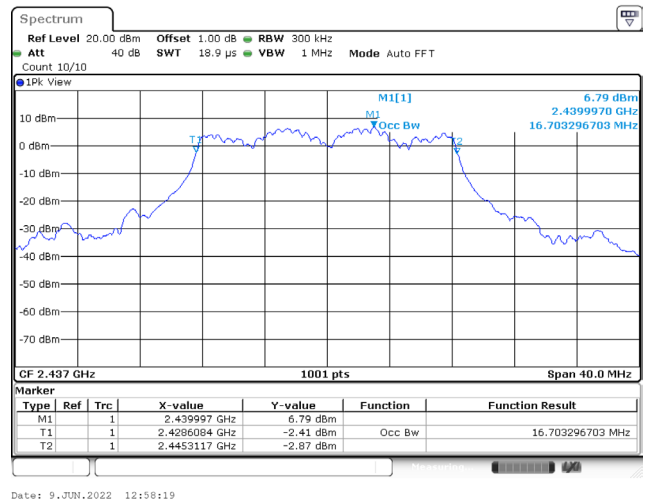
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Limit (MHz)
			Ant. 0	Ant. 1	
802.11b	1	2412	14.705	14.305	-
	6	2437	14.585	14.105	-
	11	2462	14.545	14.345	-
802.11g	1	2412	16.663	16.463	-
	6	2437	16.463	16.703	-
	11	2462	16.623	16.463	-
802.11n (20 MHz)	1	2412	17.822	17.662	-
	6	2437	17.702	17.702	-
	11	2462	17.742	17.662	-
802.11n (40 MHz)	3	2422	36.523	36.363	-
	6	2437	36.363	36.443	-
	9	2452	36.363	36.363	-

Spectrum plot of maximum value

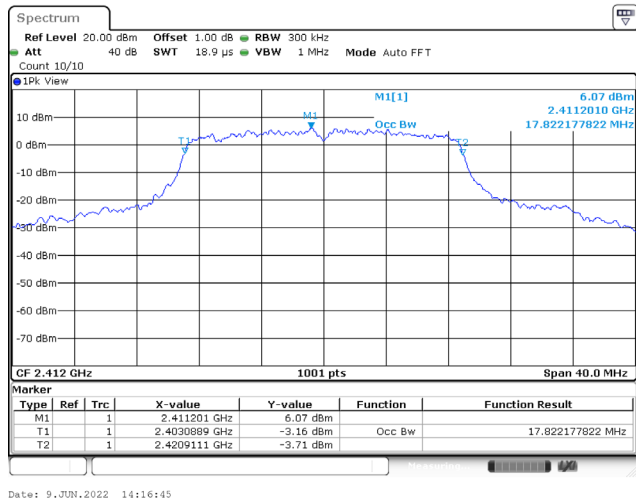
802.11b / Ant. 0 / 2412 MHz



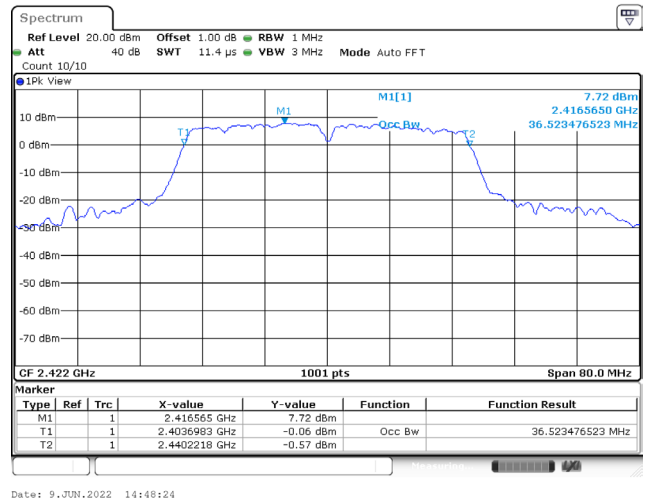
802.11g / Ant. 1 / 2437 MHz



802.11n (20 MHz) / Ant. 0 / 2412 MHz



802.11n (40 MHz) / Ant. 0 / 2422 MHz

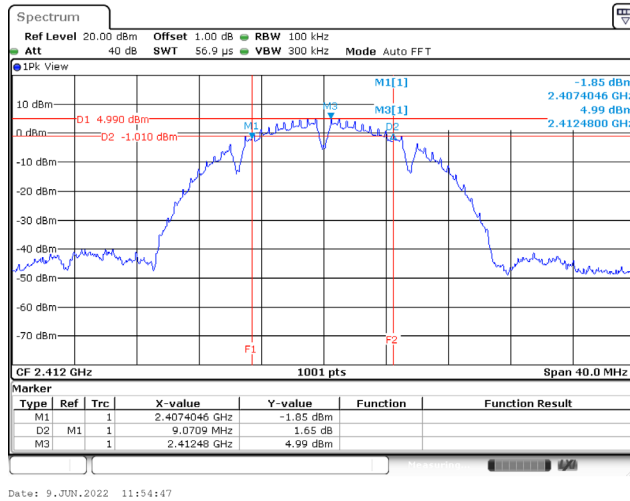


7.6. Test Result of DTS Bandwidth

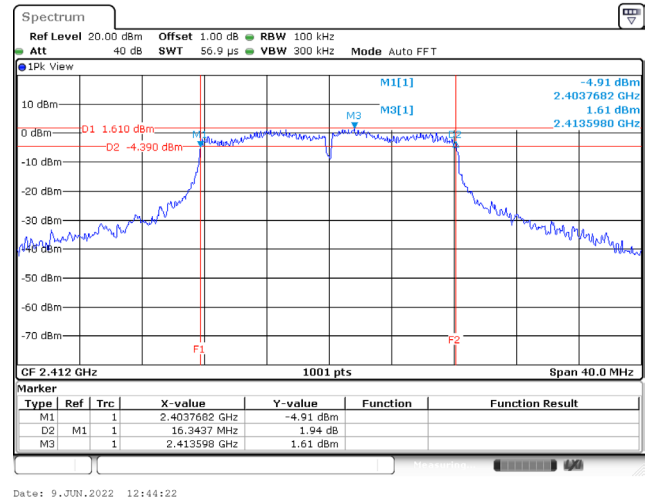
Modulation	Channel	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
			Ant. 0	Ant. 1		
802.11b	1	2412	9.070	12.067	≥ 0.50	Pass
	6	2437	10.109	10.030	≥ 0.50	Pass
	11	2462	10.109	12.028	≥ 0.50	Pass
802.11g	1	2412	16.343	16.063	≥ 0.50	Pass
	6	2437	16.303	16.343	≥ 0.50	Pass
	11	2462	16.303	16.063	≥ 0.50	Pass
802.11n (20 MHz)	1	2412	17.542	17.582	≥ 0.50	Pass
	6	2437	17.542	17.582	≥ 0.50	Pass
	11	2462	17.582	17.542	≥ 0.50	Pass
802.11n (40 MHz)	3	2422	36.363	36.363	≥ 0.50	Pass
	6	2437	36.363	36.363	≥ 0.50	Pass
	9	2452	36.363	36.363	≥ 0.50	Pass

Spectrum plot of worst value

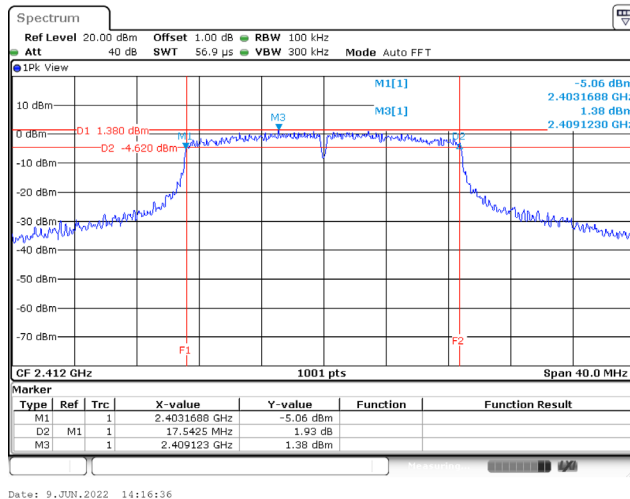
802.11b / Ant. 0 / 2412 MHz



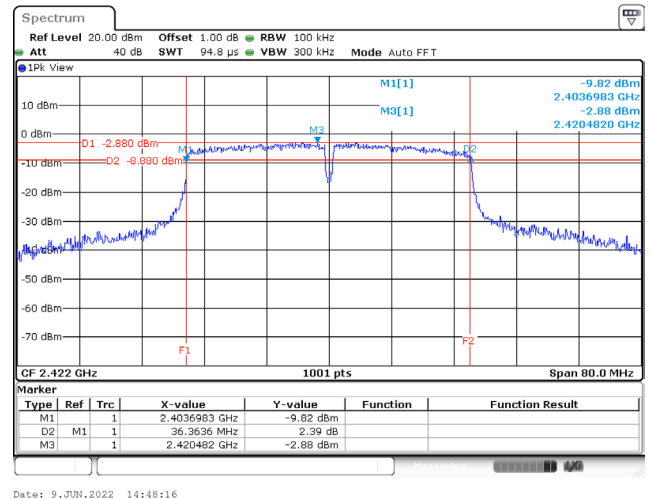
802.11g / Ant. 1 / 2412 MHz



802.11n (20 MHz) / Ant. 0 / 2412 MHz

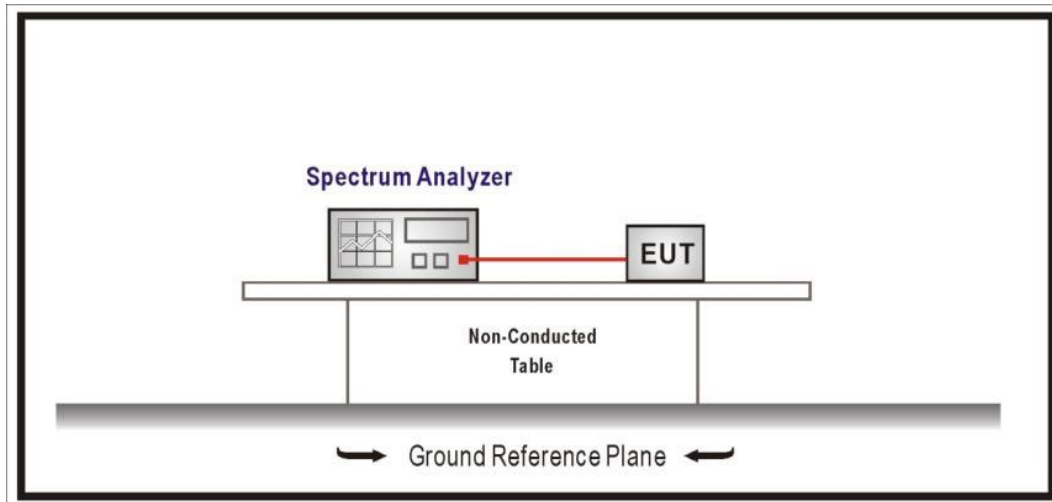


802.11n (40 MHz) / Ant. 0 / 2422 MHz



8. Maximum Power Spectral Density

8.1. Test Setup



8.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

8.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 V05r02 for compliance to FCC 47CFR 15.247 requirements.

8.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247.