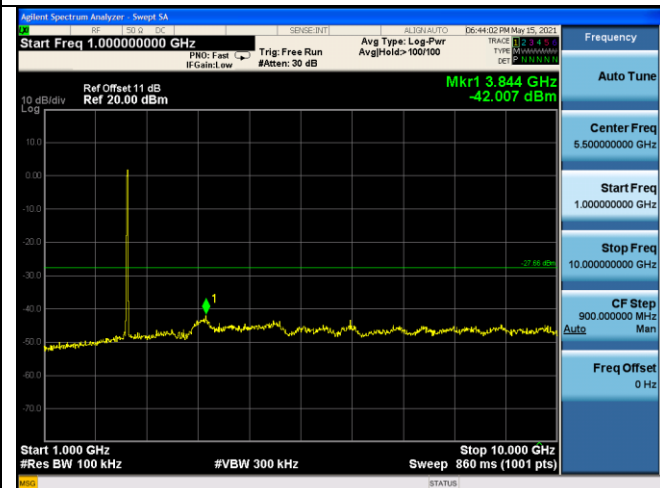
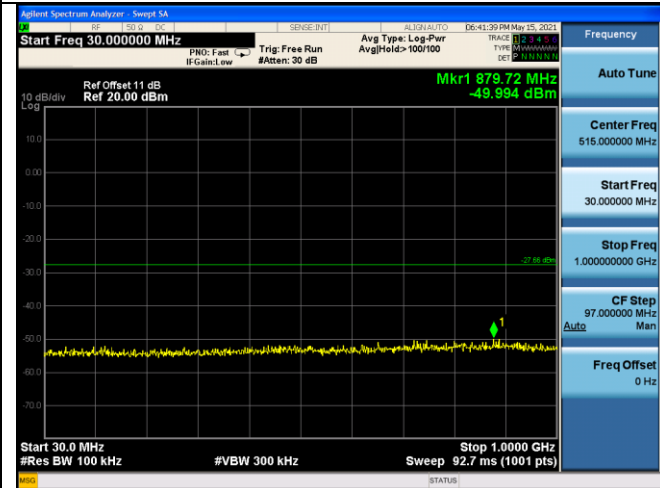
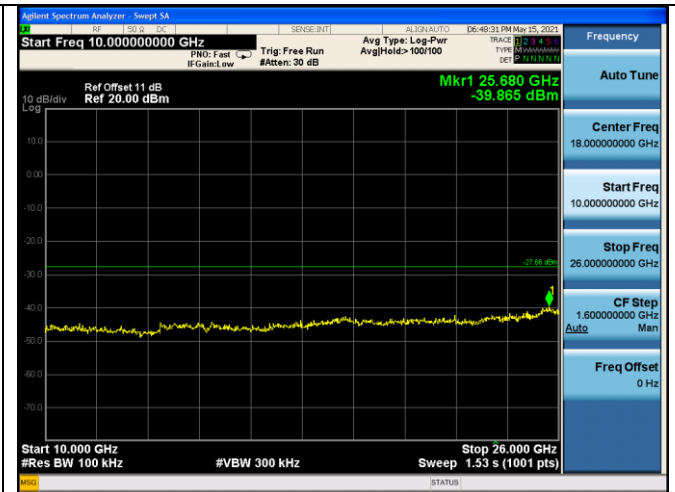
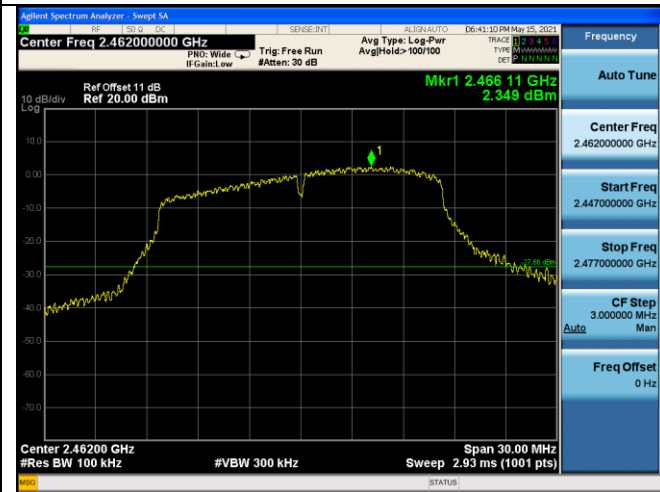
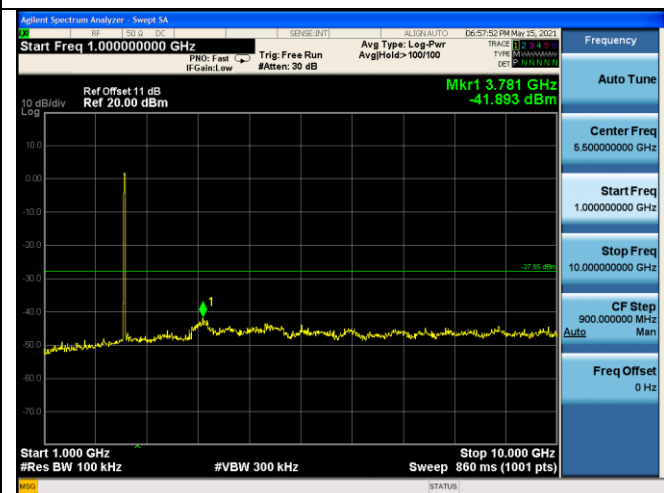
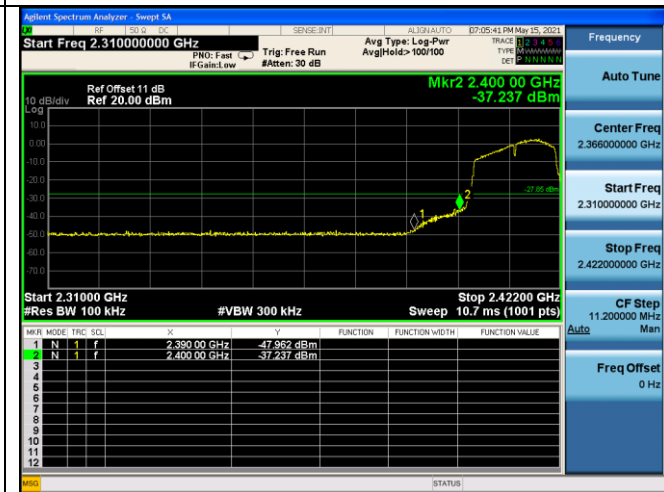
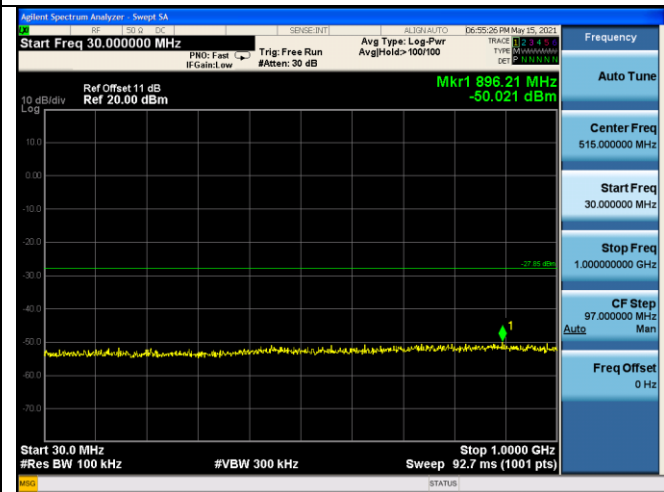
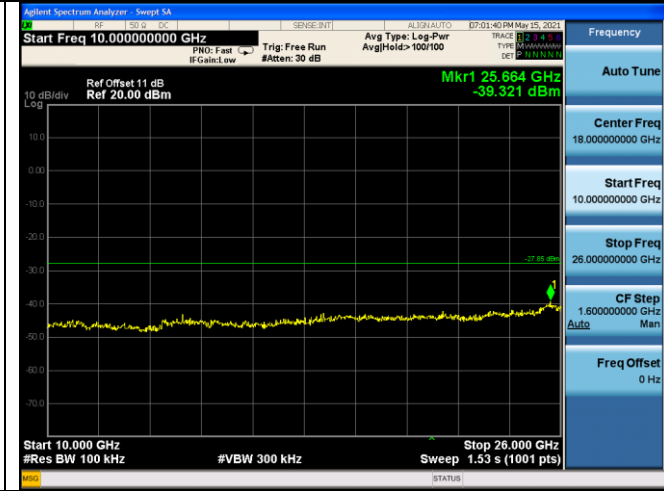
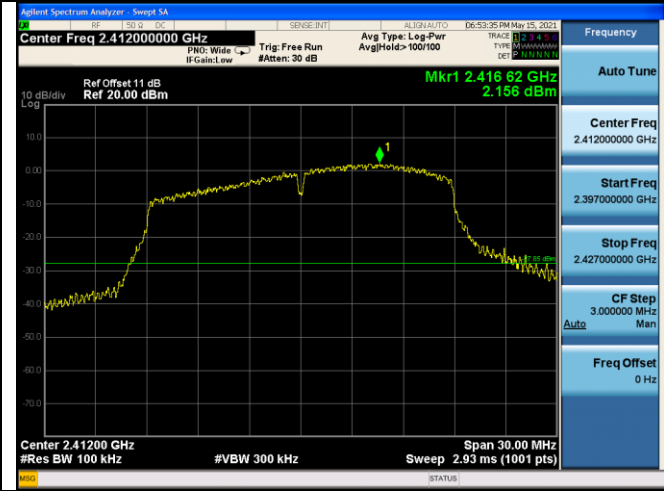


Test CH1: 2462MHz

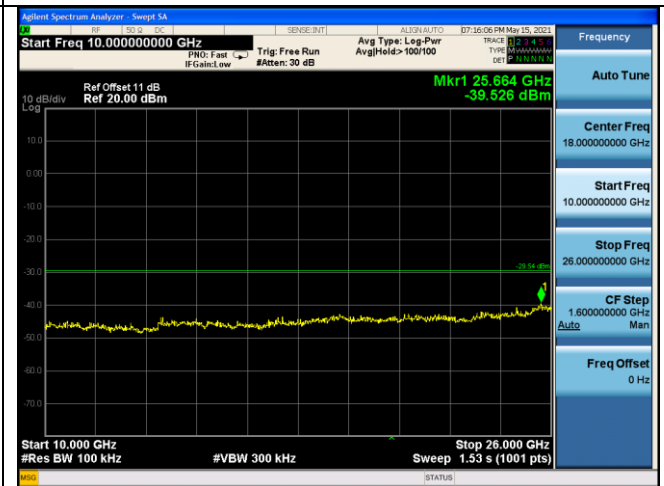
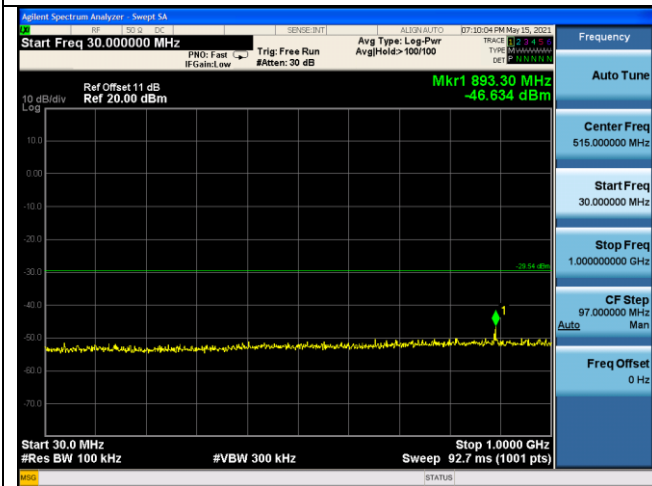
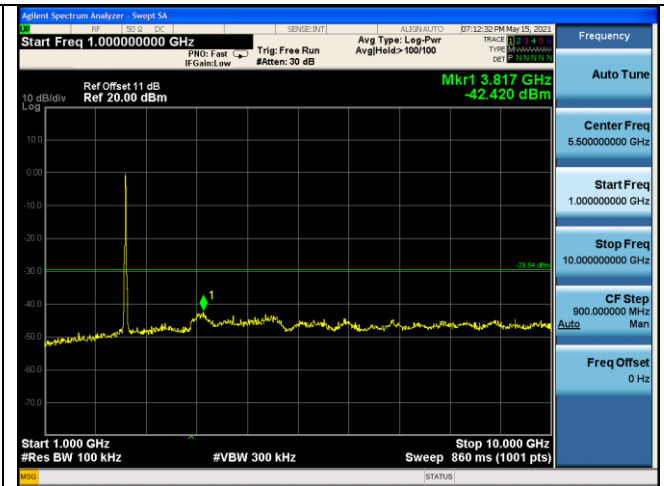
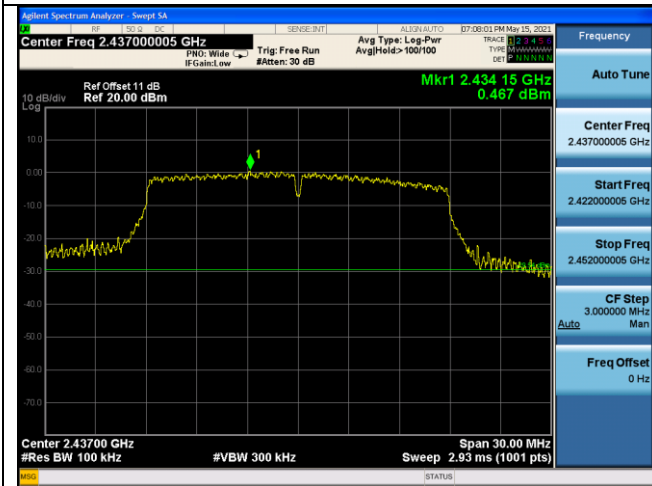


Test Mode: IEEE 802.11n HT20

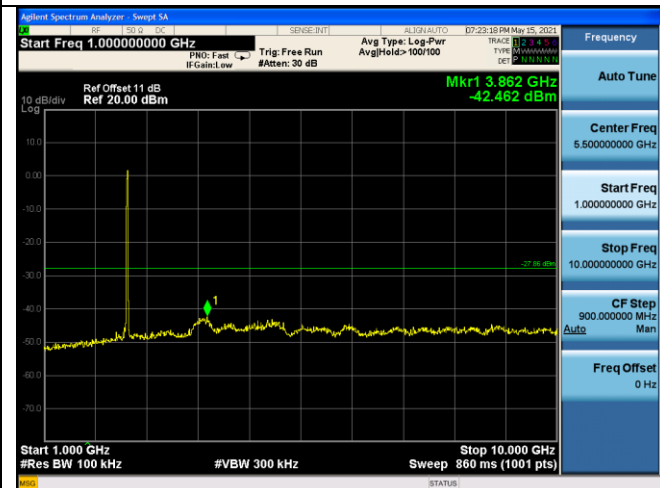
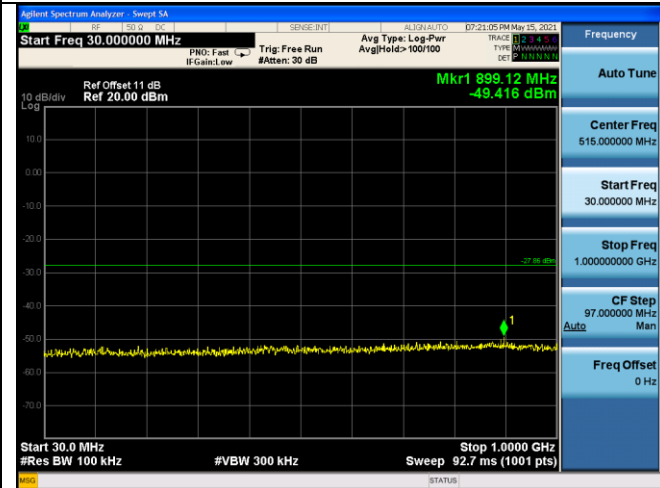
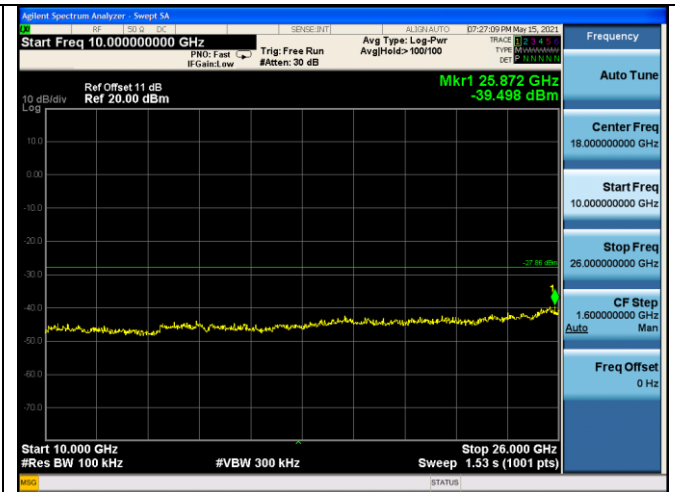
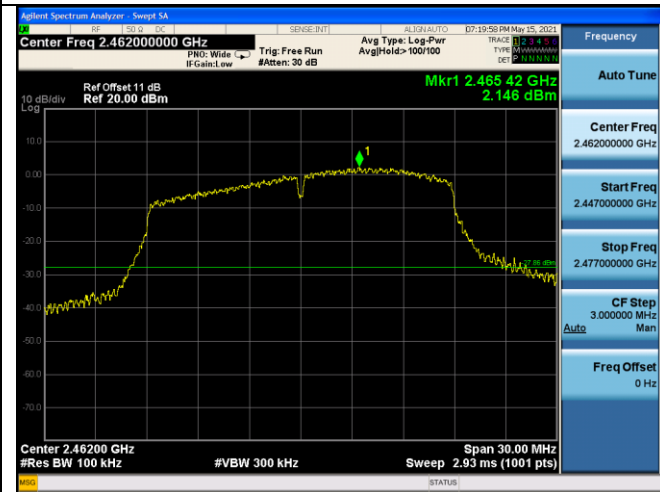
Test CH1: 2412MHz



Test CH6: 2437MHz

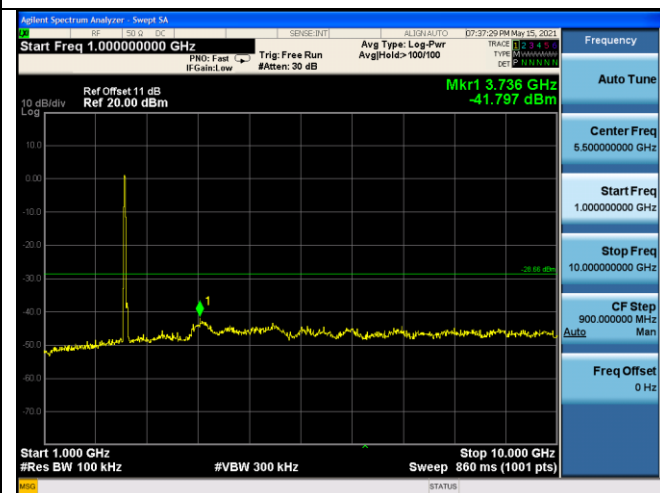
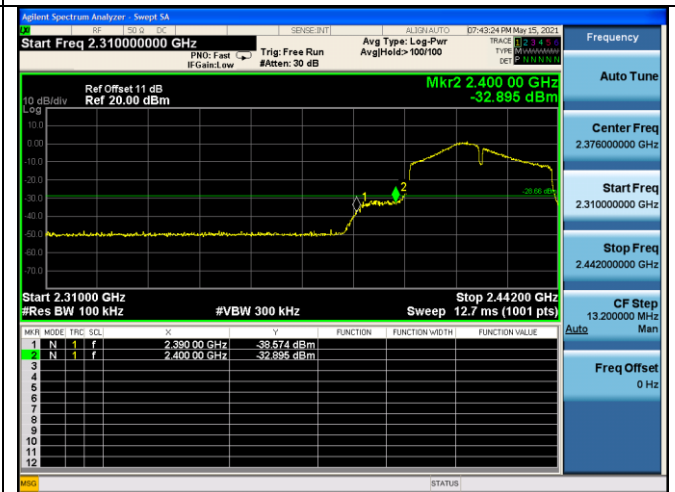
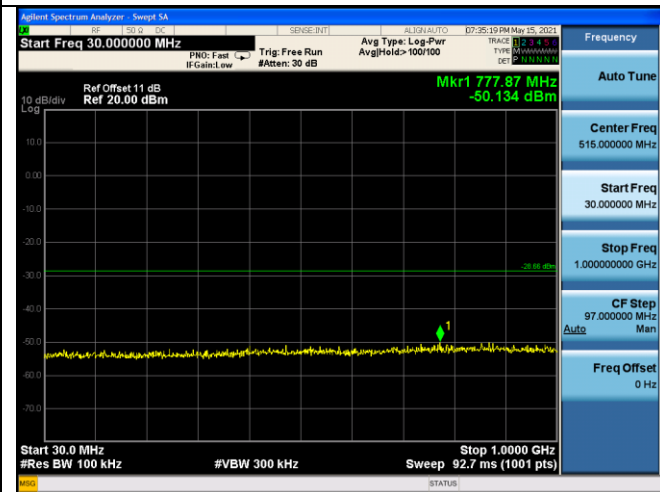
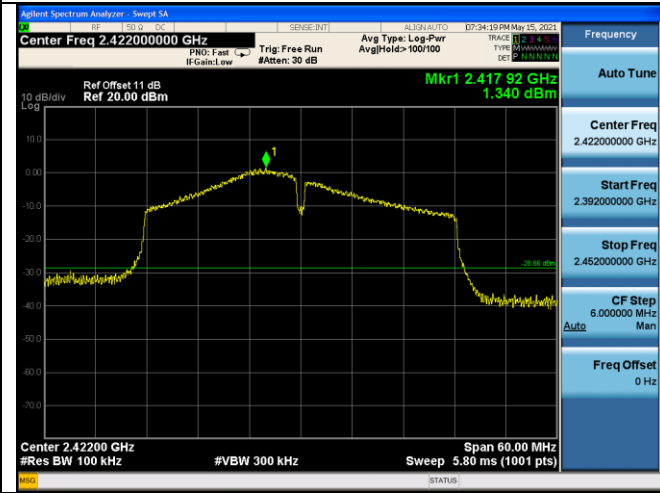


Test CH1: 2462MHz

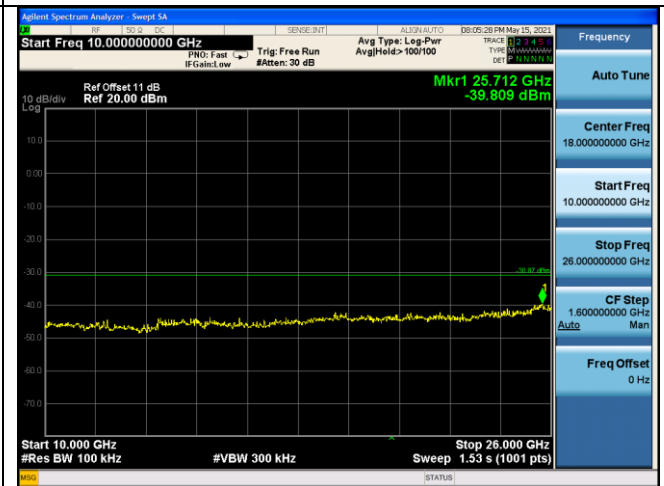
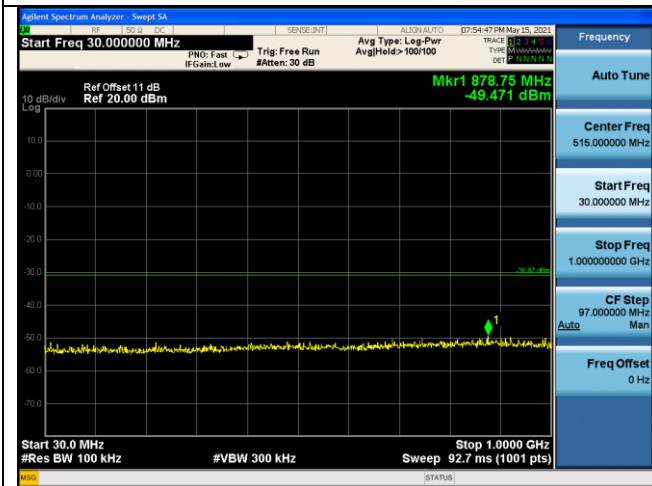
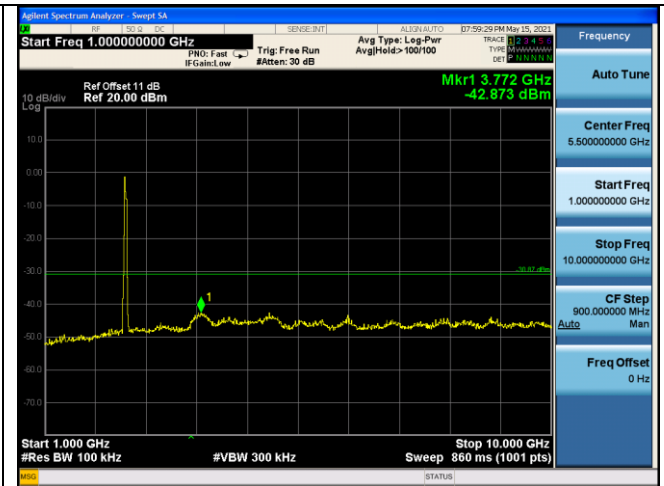
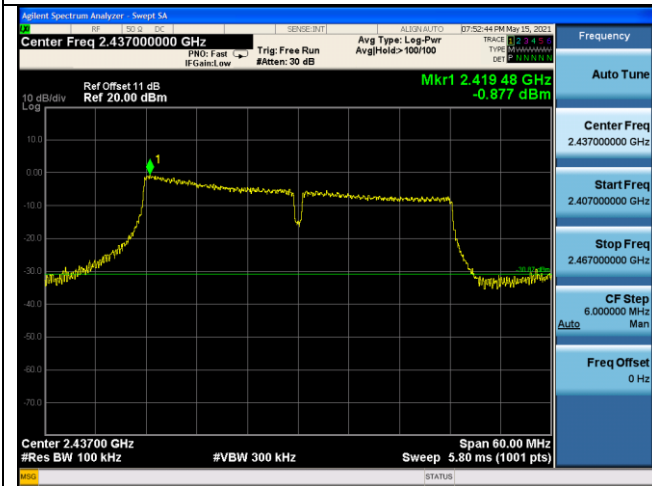


Test Mode: IEEE 802.11n HT40

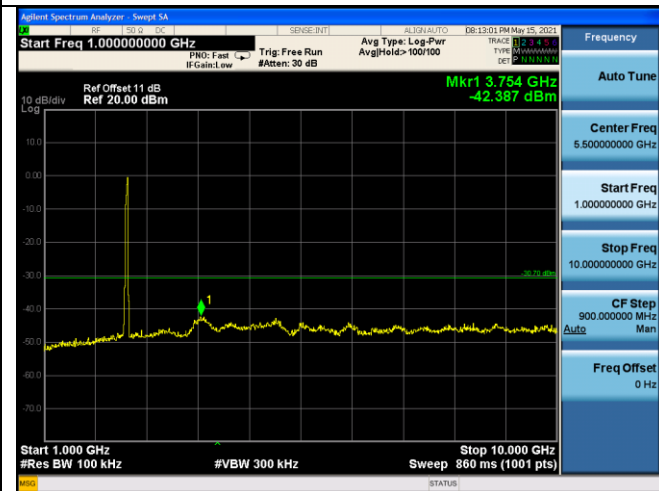
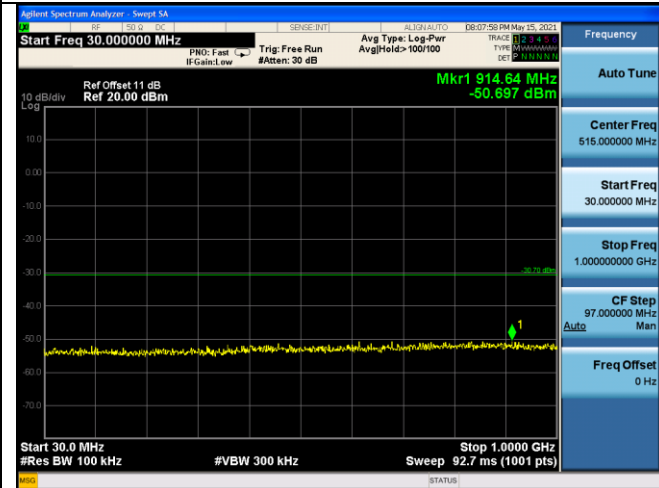
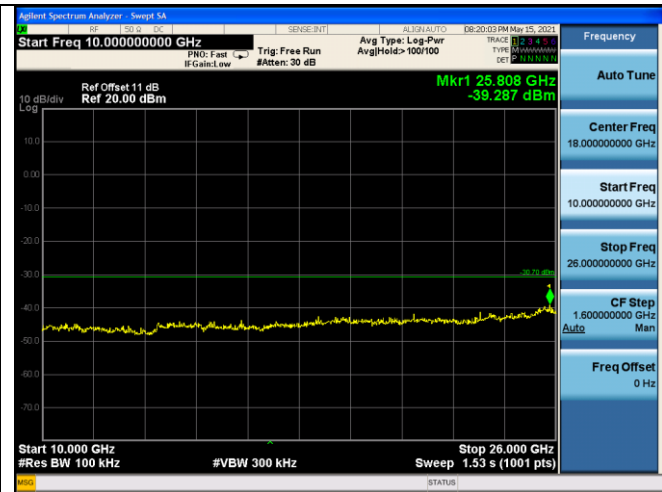
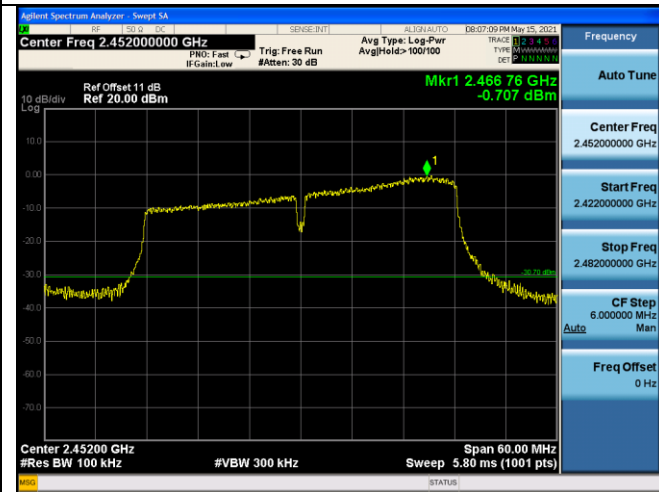
Test CH3: 2422MHz



Test CH6: 2437MHz



Test CH9: 2452MHz



6. BAND EDGE COMPLIANCE TEST

6.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.07,21	1 Year
2.	Horn Antenna	ETC	MCTD 1209	DRH15F03006	Jul.30,20	1 Year
3.	Amplifier	HP	8449B	3008A02495	Apr.07,21	1 Year
4.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	505238/6	Apr.07,21	1 Year

6.2. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

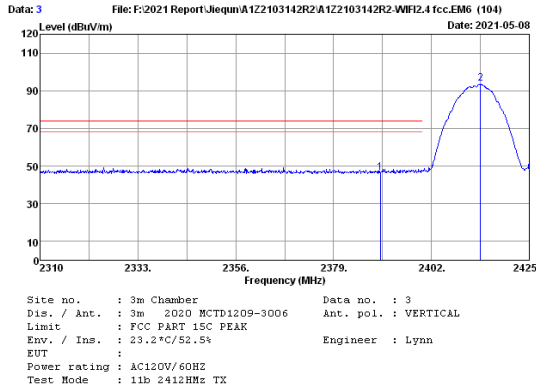
6.3. Test Procedure

1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

6.4. Test Results

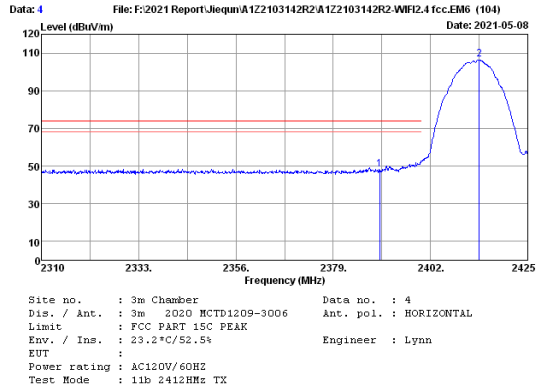
Pass (The testing data was attached in the next pages.)

M/N: CT9C08



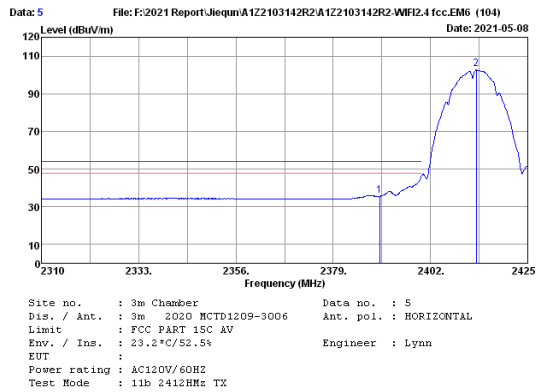
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	48.60	48.56	74.00	27.44	Peak
2	2413.500	28.04	0.92	95.74	95.74	---	---	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



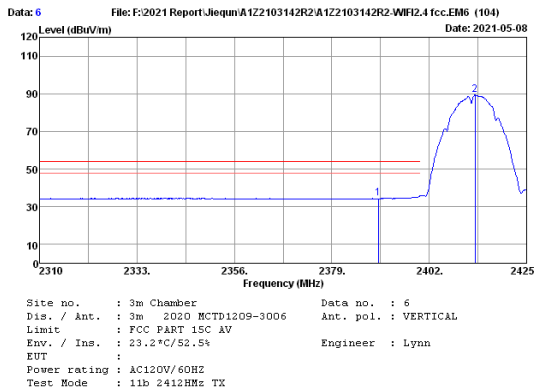
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	50.37	49.33	74.00	25.67	Peak
2	2413.500	28.04	0.92	106.65	106.65	---	---	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



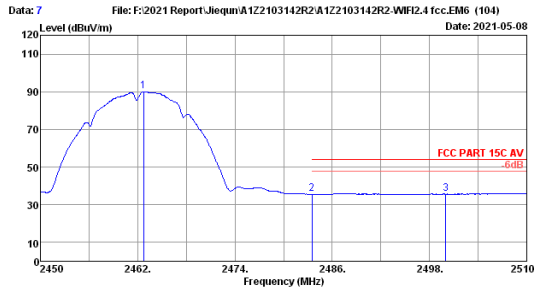
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	37.88	35.84	54.00	18.16	Average
2	2412.810	28.04	0.92	104.99	102.99	---	---	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	36.66	34.62	54.00	19.38	Average
2	2412.810	28.04	0.92	91.56	89.56	---	---	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

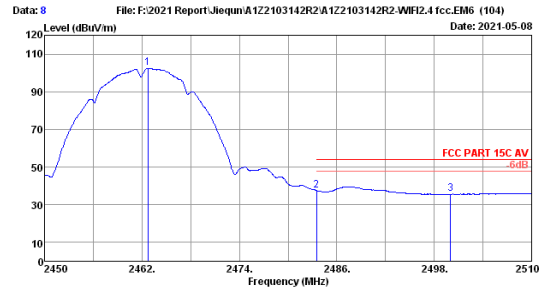


File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
Date: 2021-05-08

Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
EUT :
Power rating : AC120V/60HZ
Test Mode : 11b 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.720	28.14	0.94	92.03	90.18			Average
2	2483.500	28.17	0.94	37.50	35.69	54.00	18.31	Average
3	2500.000	28.20	0.95	37.46	35.70	54.00	18.30	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

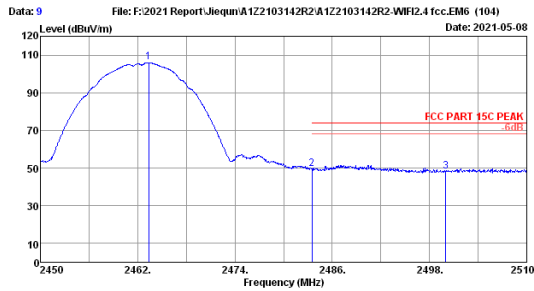


File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
Date: 2021-05-08

Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
EUT :
Power rating : AC120V/60HZ
Test Mode : 11b 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.720	28.14	0.94	104.44	102.59			Average
2	2483.500	28.17	0.94	39.56	37.75	54.00	16.25	Average
3	2500.000	28.20	0.95	37.43	35.67	54.00	18.33	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

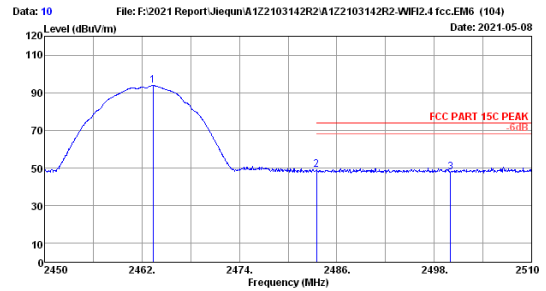


File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
Date: 2021-05-08

Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
EUT :
Power rating : AC120V/60HZ
Test Mode : 11b 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.380	28.14	0.94	107.99	106.14			Peak
2	2483.500	28.17	0.94	51.45	49.64	74.00	24.36	Peak
3	2500.000	28.20	0.95	50.08	48.32	74.00	25.68	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

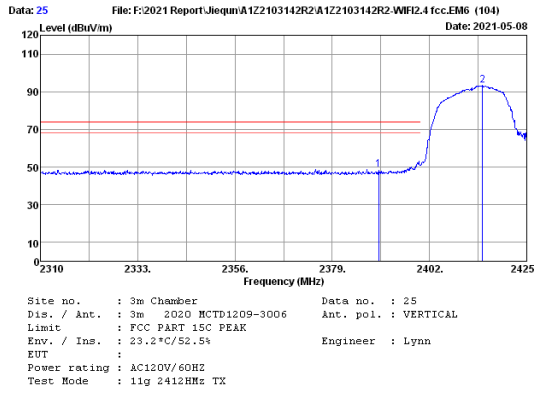


File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
Date: 2021-05-08

Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
EUT :
Power rating : AC120V/60HZ
Test Mode : 11b 2462MHz TX

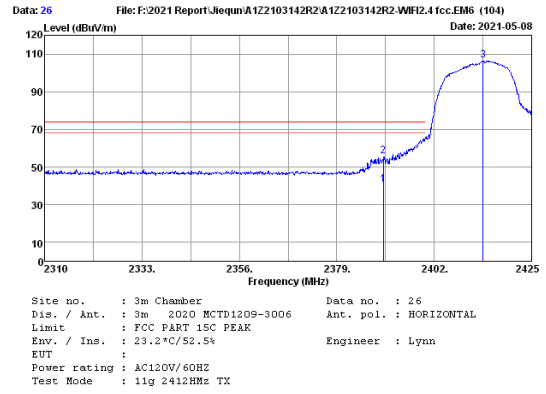
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.380	28.14	0.94	95.76	93.91			Peak
2	2483.500	28.17	0.94	50.88	49.07	74.00	24.93	Peak
3	2500.000	28.20	0.95	49.42	47.66	74.00	26.34	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



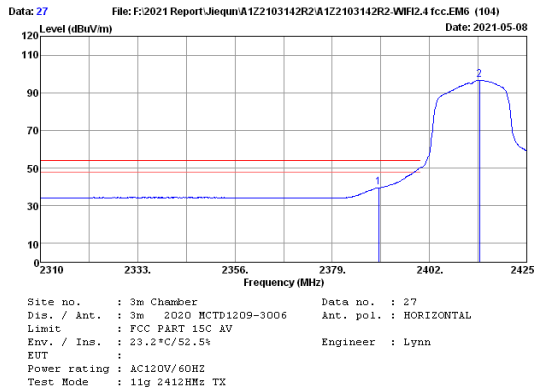
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	50.57	48.53	74.00	25.47	Peak
2	2414.535	28.04	0.92	95.52	93.52	---	---	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



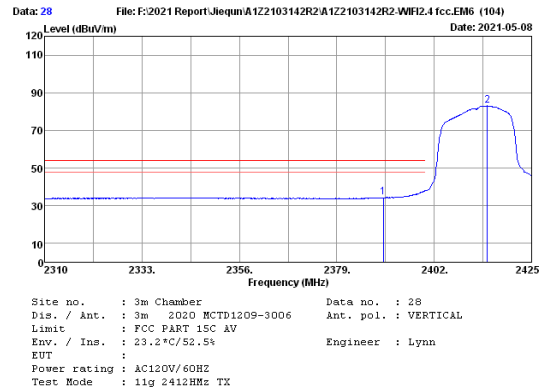
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	42.64	40.60	74.00	33.40	Average
2	2390.000	28.01	0.92	57.80	55.76	74.00	18.24	Peak
3	2413.500	28.04	0.92	108.65	106.65	---	---	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



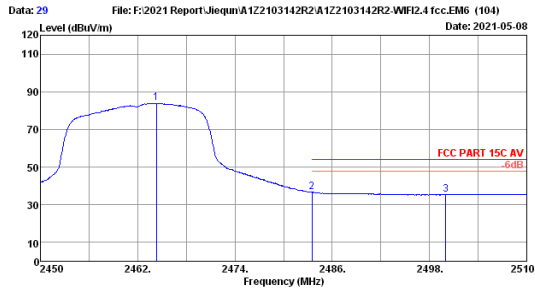
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	41.90	39.86	54.00	14.14	Average
2	2413.845	28.04	0.92	96.83	96.83	---	---	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	36.48	34.44	54.00	19.56	Average
2	2414.535	28.04	0.92	85.32	83.32	---	---	Average

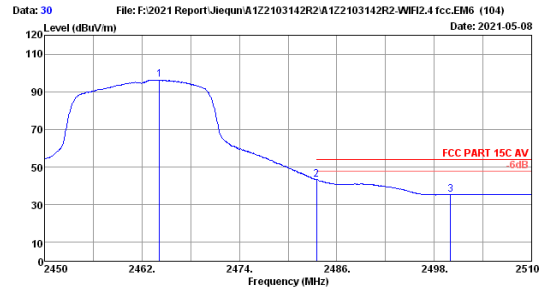
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
 Date: 2021-05-08
 Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
 EUT :
 Power rating : AC120V/60HZ
 Test Mode : 11g 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.340	28.14	0.94	85.88	84.03	---	---	Average
2	2483.500	28.17	0.94	38.53	36.72	54.00	17.28	Average
3	2500.000	28.20	0.95	37.13	35.37	54.00	18.63	Average

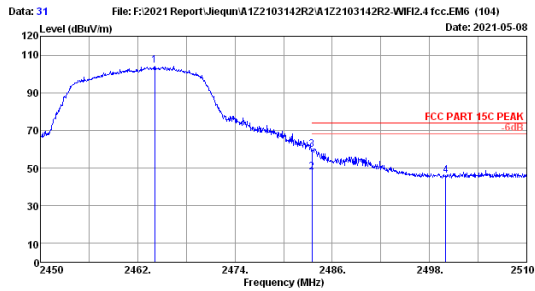
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
 Date: 2021-05-08
 Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
 EUT :
 Power rating : AC120V/60HZ
 Test Mode : 11g 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.160	28.14	0.94	98.28	96.43	---	---	Average
2	2483.500	28.17	0.94	45.27	43.46	54.00	10.54	Average
3	2500.000	28.20	0.95	37.11	35.35	54.00	18.65	Average

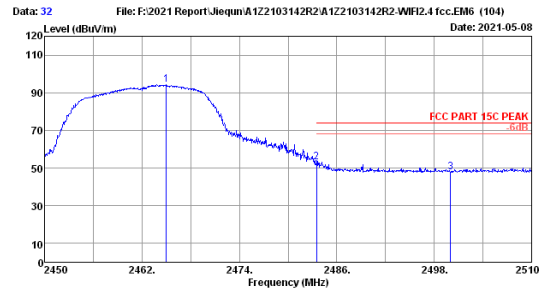
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
 Date: 2021-05-08
 Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
 EUT :
 Power rating : AC120V/60HZ
 Test Mode : 11g 2462MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.100	28.14	0.94	106.15	104.30	---	---	Peak
2	2483.500	28.17	0.94	49.56	47.75	74.00	26.25	Average
3	2483.500	28.17	0.94	61.37	59.56	74.00	14.44	Peak
4	2500.000	28.20	0.95	47.99	46.23	74.00	27.77	Peak

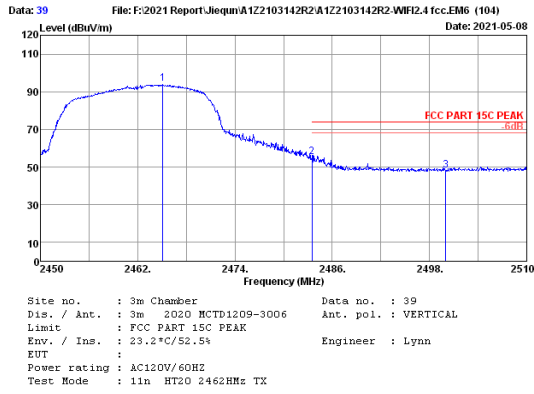
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2021 Report\Jiequn\A122103142R2\A122103142R2-WIFI2.4 fcc.EM6 (104)
 Date: 2021-05-08
 Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2020 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23.2°C/52.5% Engineer : Lynn
 EUT :
 Power rating : AC120V/60HZ
 Test Mode : 11g 2462MHz TX

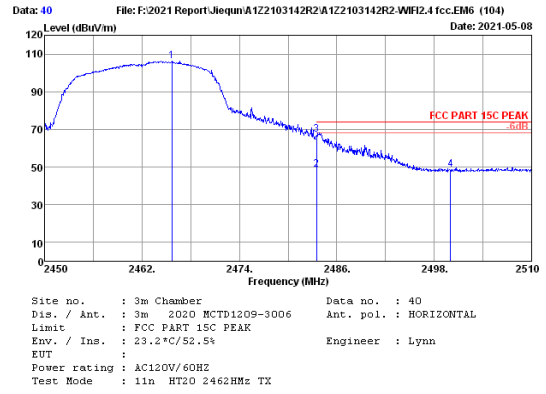
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2465.000	28.14	0.94	96.16	94.31	---	---	Peak
2	2483.500	28.17	0.94	54.96	53.15	74.00	20.85	Peak
3	2500.000	28.20	0.95	49.75	47.99	74.00	26.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



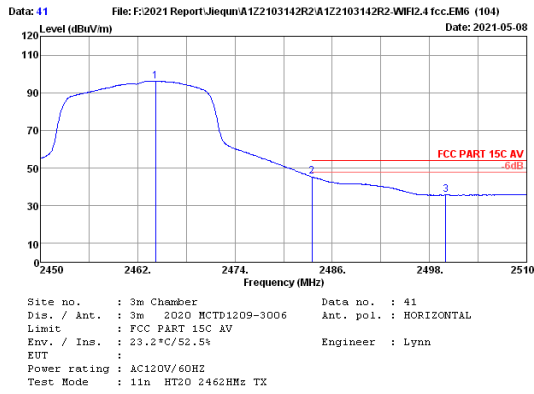
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2465.120	28.14	0.94	95.97	94.12	-----	-----	Peak
2	2483.500	28.17	0.94	57.18	55.37	74.00	18.63	Peak
3	2500.000	28.20	0.95	50.05	48.29	74.00	25.71	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



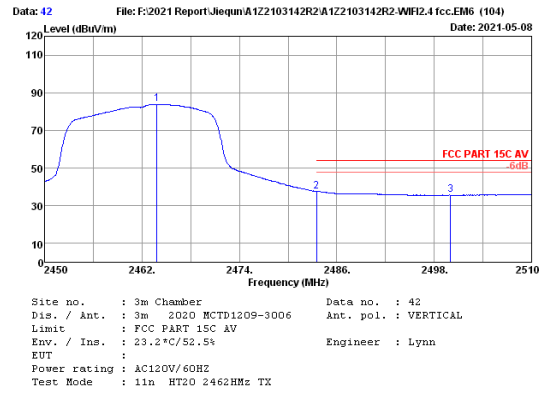
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2465.660	28.14	0.94	108.23	106.38	-----	-----	Peak
2	2483.500	28.17	0.94	50.69	48.88	74.00	25.12	Average
3	2483.500	28.17	0.94	69.02	67.21	74.00	6.79	Peak
4	2500.000	28.20	0.95	50.28	48.52	74.00	25.48	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



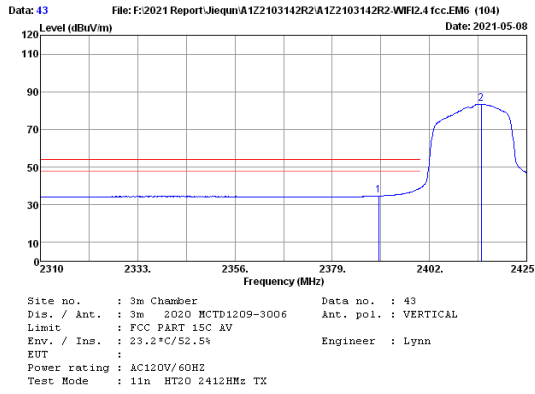
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.220	28.14	0.94	98.15	96.30	-----	-----	Average
2	2483.500	28.17	0.94	47.21	45.40	54.00	8.60	Average
3	2500.000	28.20	0.95	37.57	35.81	54.00	18.19	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



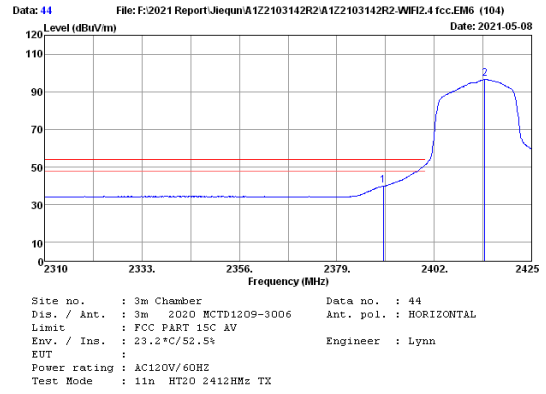
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.860	28.14	0.94	95.86	94.01	-----	-----	Average
2	2483.500	28.17	0.94	39.54	37.73	54.00	16.27	Average
3	2500.000	28.20	0.95	37.44	35.68	54.00	18.32	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



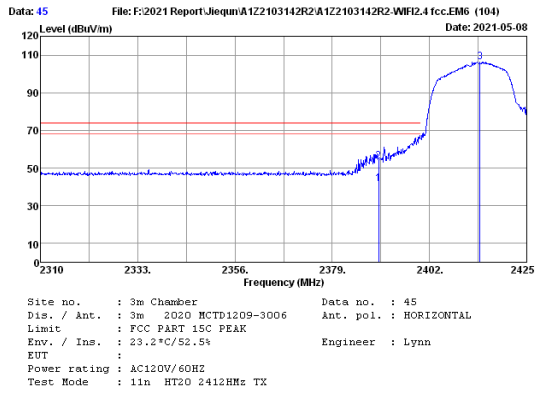
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	36.98	34.94	54.00	19.06	Average
2	2414.190	28.04	0.92	85.63	83.63	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



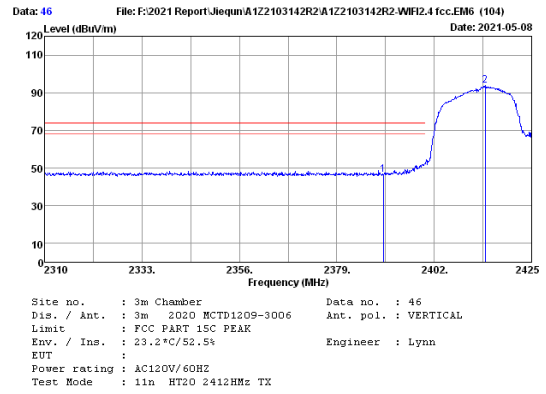
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	42.28	40.24	54.00	13.76	Average
2	2413.960	28.04	0.92	98.80	96.80	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



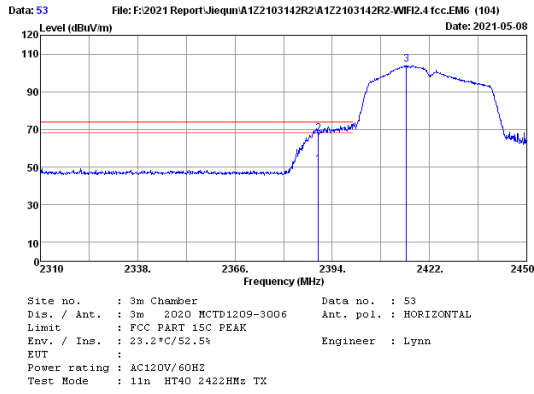
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	43.52	41.48	74.00	32.52	Peak
2	2390.000	28.01	0.92	55.42	53.38	74.00	20.62	Peak
3	2413.960	28.04	0.92	106.33	106.33	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



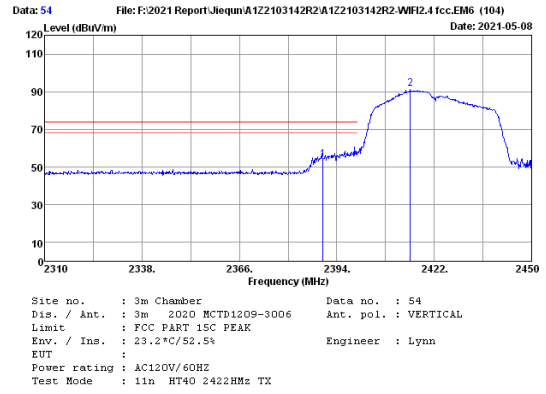
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	48.69	46.65	74.00	27.35	Peak
2	2414.075	28.04	0.92	96.04	94.04	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



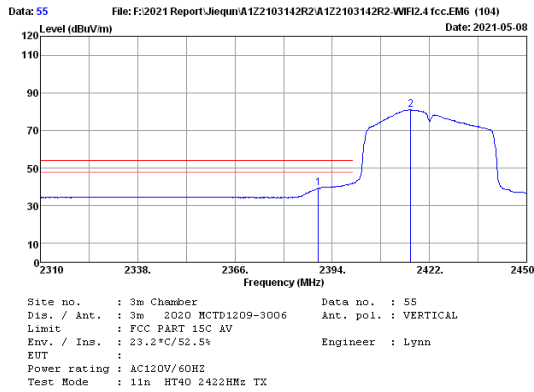
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	53.24	51.20	74.00	22.80	Average
2	2390.000	28.01	0.92	69.76	67.72	74.00	6.28	Peak
3	2415.420	28.04	0.92	106.48	104.48			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



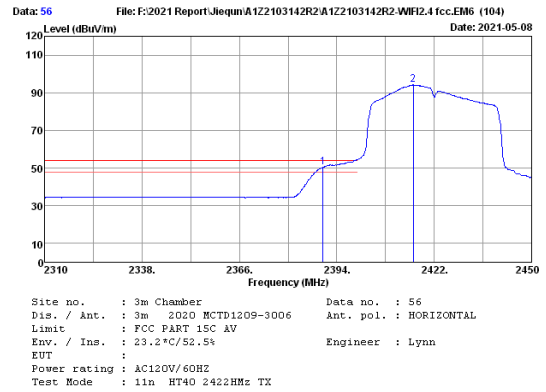
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	56.07	54.03	74.00	19.97	Peak
2	2415.140	28.04	0.92	93.48	91.48			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



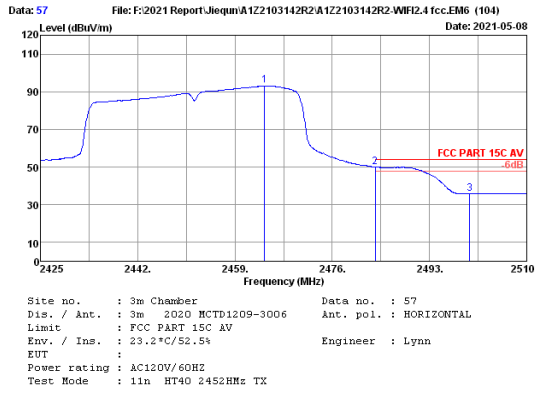
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	41.54	39.50	54.00	14.50	Average
2	2416.540	28.04	0.93	83.23	81.24			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



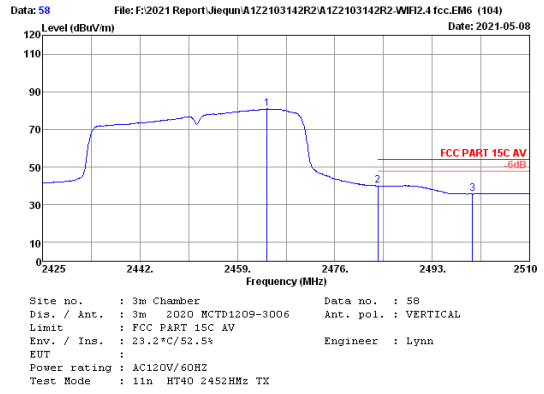
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	52.52	50.48	54.00	3.52	Average
2	2415.980	28.04	0.93	96.46	94.47			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



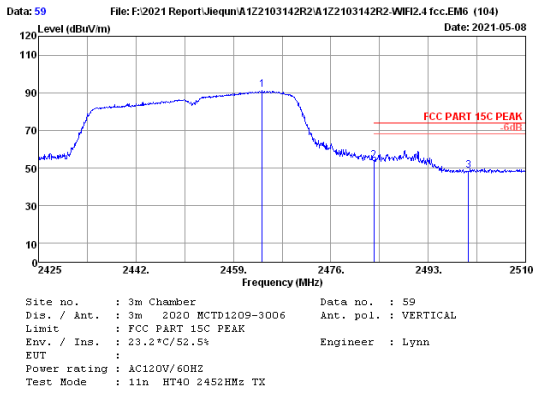
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.185	28.14	0.94	95.18	93.33	54.00	3.98	Average
2	2483.500	28.17	0.94	51.83	50.02	54.00	18.16	Average
3	2500.000	28.20	0.95	37.60	35.84	54.00	18.16	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



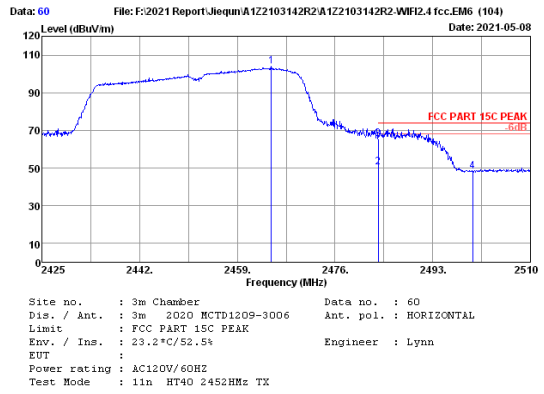
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.185	28.14	0.94	82.88	81.03	54.00	13.92	Average
2	2483.500	28.17	0.94	41.89	40.08	54.00	18.23	Average
3	2500.000	28.20	0.95	37.53	35.77	54.00	18.23	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.015	28.14	0.94	93.35	91.50	74.00	20.06	Peak
2	2483.500	28.17	0.94	55.75	53.94	74.00	25.45	Peak
3	2500.000	28.20	0.95	50.31	48.55	74.00	25.45	Peak

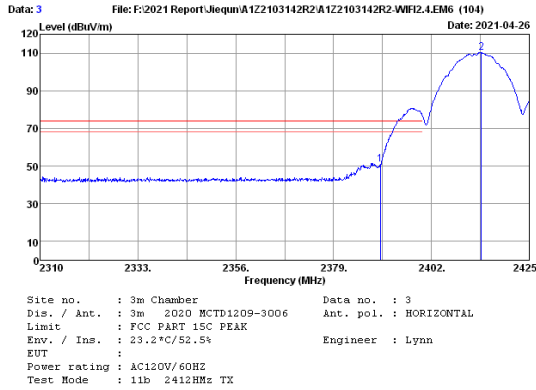
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.950	28.14	0.94	105.95	104.10	74.00	23.67	Peak
2	2483.500	28.17	0.94	52.14	50.33	74.00	23.67	Average
3	2483.500	28.17	0.94	67.31	65.50	74.00	8.50	Peak
4	2499.970	28.20	0.95	49.82	48.06	74.00	25.94	Peak

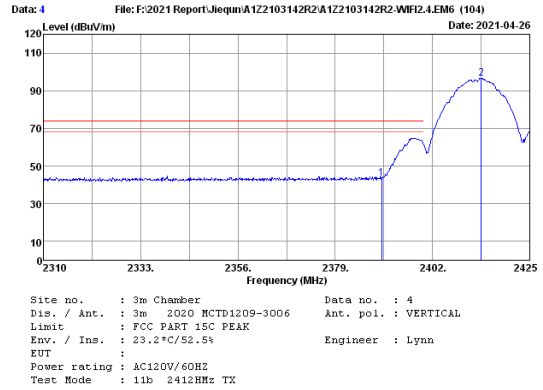
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

M/N: CT9C18



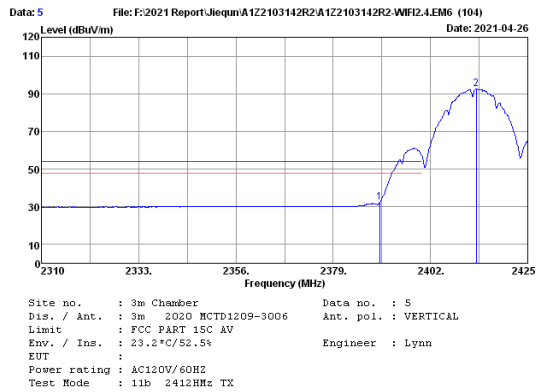
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	58.09	51.08	74.00	22.92	Peak
2	2413.730	28.04	0.92	117.26	110.28	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



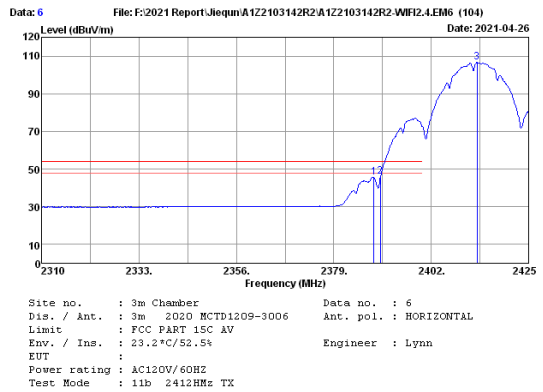
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	50.59	43.58	74.00	30.42	Peak
2	2413.500	28.04	0.92	103.52	96.54	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



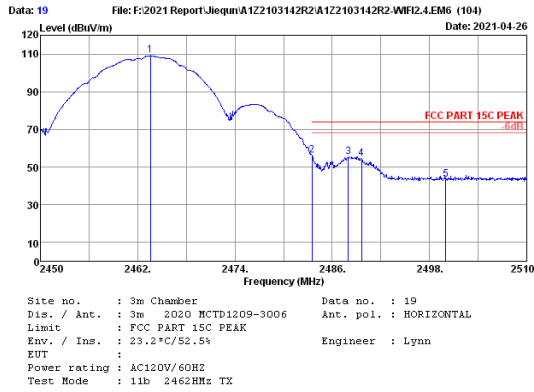
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	39.21	32.20	54.00	21.80	Average
2	2412.810	28.04	0.92	99.73	92.75	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



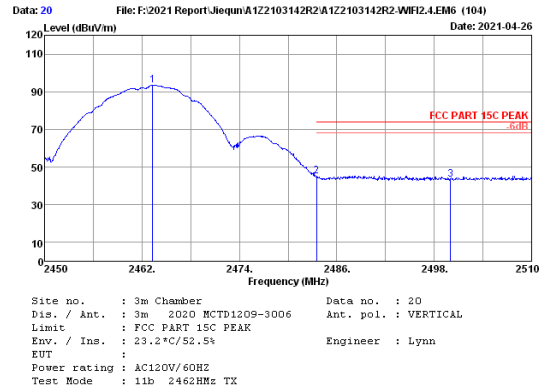
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2388.430	28.01	0.92	52.52	45.51	54.00	8.49	Average
2	2390.000	28.01	0.92	52.87	45.86	54.00	8.14	Average
3	2412.810	28.04	0.92	113.54	106.56	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



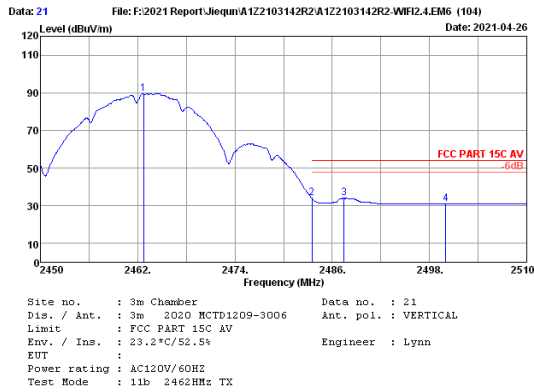
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.560	28.14	0.94	116.05	109.18	74.00	17.73	Peak
2	2483.500	28.17	0.94	63.11	56.27	74.00	18.54	Peak
3	2487.900	28.20	0.94	62.27	55.46	74.00	19.50	Peak
4	2489.600	28.20	0.94	61.31	54.50	74.00	30.67	Peak
5	2500.000	28.20	0.95	50.13	43.33	74.00		Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



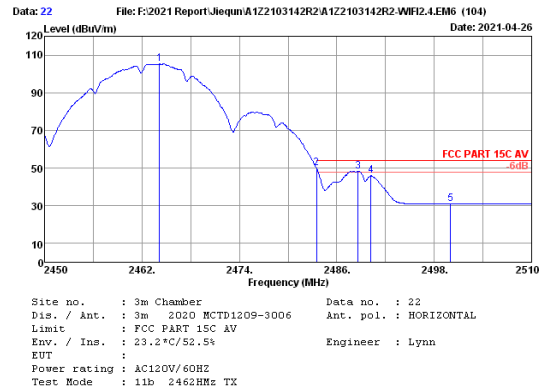
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.320	28.14	0.94	100.29	93.42	74.00	29.05	Peak
2	2483.500	28.17	0.94	51.79	44.95	74.00	30.76	Peak
3	2500.000	28.20	0.95	50.04	43.24	74.00		Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



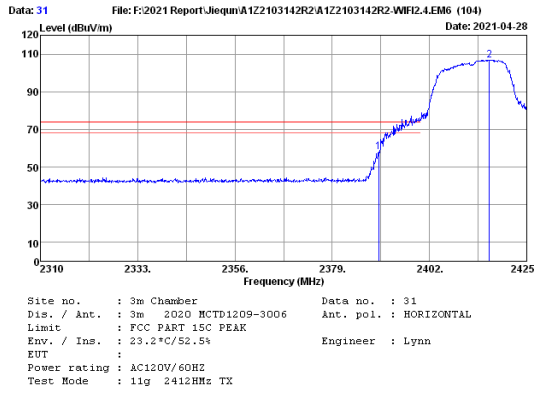
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.720	28.14	0.94	96.43	89.56	54.00	19.95	Average
2	2483.500	28.17	0.94	40.89	34.05	54.00	19.96	Average
3	2487.440	28.17	0.94	40.88	34.04	54.00	23.09	Average
4	2500.000	28.20	0.95	37.71	30.91	54.00		Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



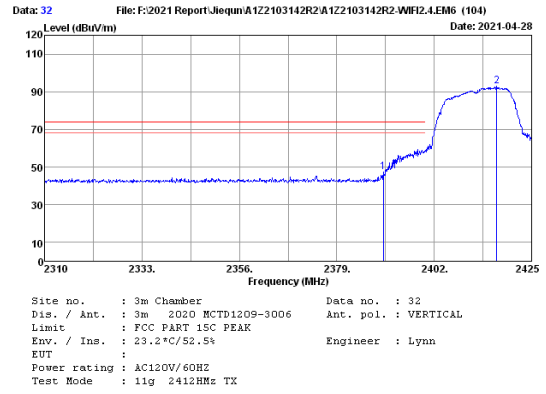
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.160	28.14	0.94	112.10	105.23	54.00	3.86	Average
2	2483.500	28.17	0.94	56.98	50.14	54.00	5.62	Average
3	2489.640	28.20	0.94	55.19	48.38	54.00	8.13	Average
4	2490.200	28.20	0.94	52.68	45.87	54.00	22.98	Average
5	2500.000	28.20	0.95	37.82	31.02	54.00		Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



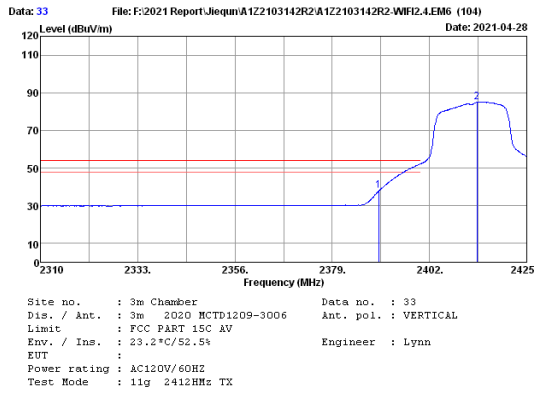
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	65.07	58.06	74.00	15.94	Peak
2	2416.145	28.04	0.93	113.89	106.92			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



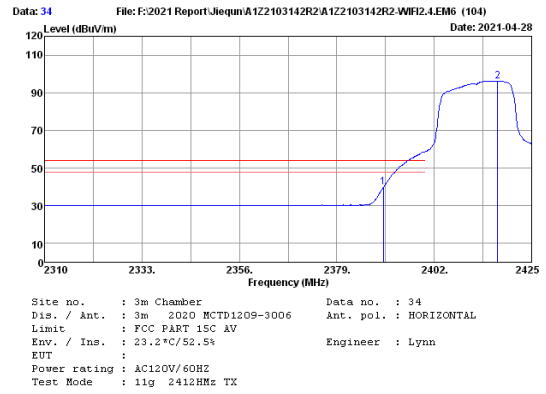
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	54.54	47.53	74.00	26.47	Peak
2	2416.720	28.04	0.93	99.87	92.90			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



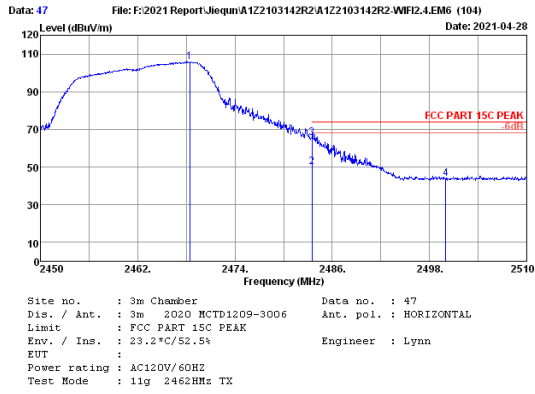
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	44.96	37.95	54.00	16.05	Average
2	2413.270	28.04	0.92	92.04	85.06			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



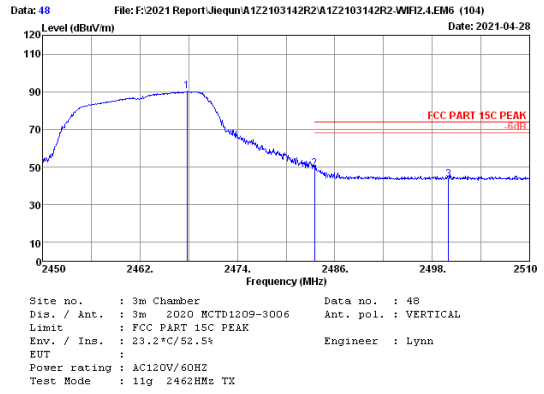
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	46.90	39.89	54.00	14.11	Average
2	2416.950	28.04	0.93	103.24	96.27			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



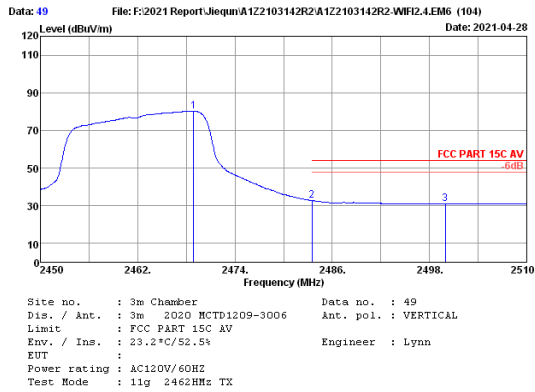
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.420	28.14	0.94	112.64	105.77	74.00	24.09	Peak
2	2483.500	28.17	0.94	56.75	49.91	74.00	8.40	Average
3	2493.500	28.17	0.94	72.44	65.60	74.00	8.40	Peak
4	2500.000	28.20	0.95	50.80	44.00	74.00	30.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



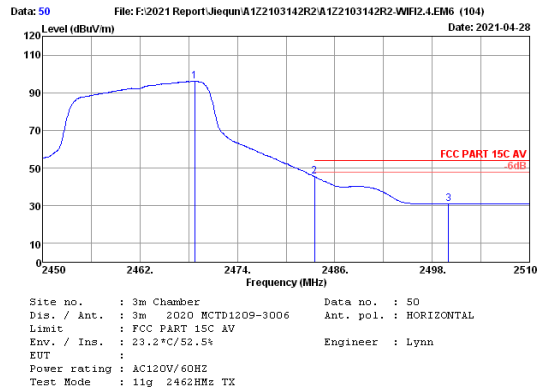
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2467.820	28.14	0.94	97.11	90.24	74.00	16.24	Peak
2	2483.500	28.17	0.94	55.91	49.07	74.00	24.93	Peak
3	2500.000	28.20	0.95	50.26	43.46	74.00	30.54	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



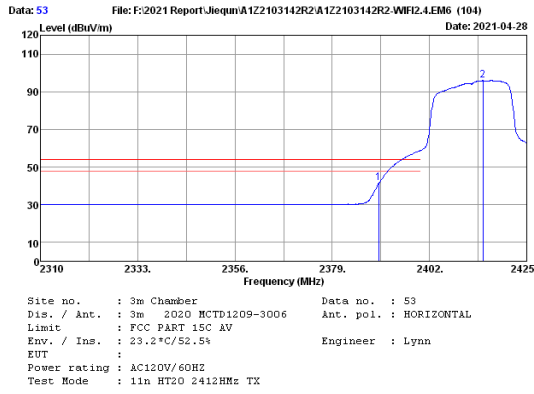
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.900	28.14	0.94	87.06	80.19	74.00	6.19	Average
2	2483.500	28.17	0.94	39.55	32.71	74.00	21.29	Average
3	2499.900	28.20	0.95	37.83	31.03	74.00	22.97	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



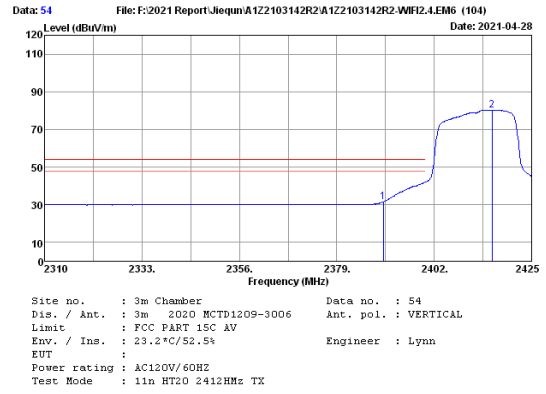
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.720	28.14	0.94	102.94	96.07	74.00	22.07	Average
2	2483.500	28.17	0.94	52.30	45.46	74.00	8.54	Average
3	2500.000	28.20	0.95	37.74	30.94	74.00	23.06	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



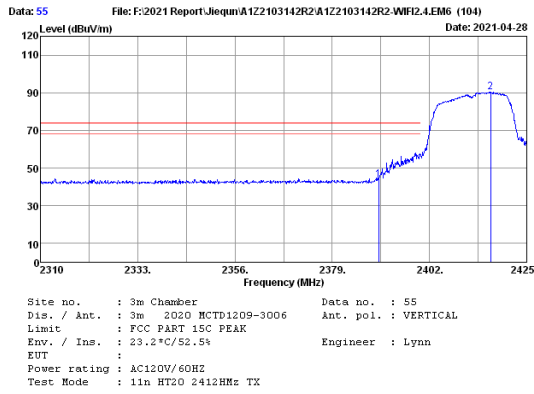
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	48.44	41.43	54.00	12.57	Average
2	2414.650	28.04	0.92	102.98	96.00			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



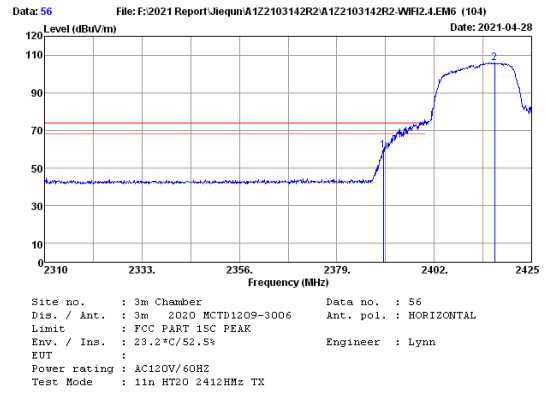
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	38.63	31.62	54.00	22.38	Average
2	2415.685	28.04	0.93	87.30	80.33			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



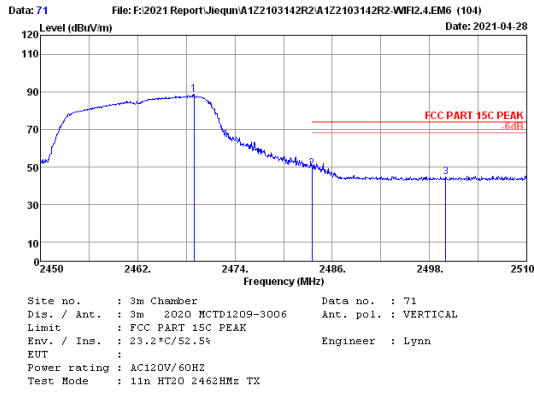
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	50.88	43.87	74.00	30.13	Peak
2	2416.490	28.04	0.93	97.25	90.28			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



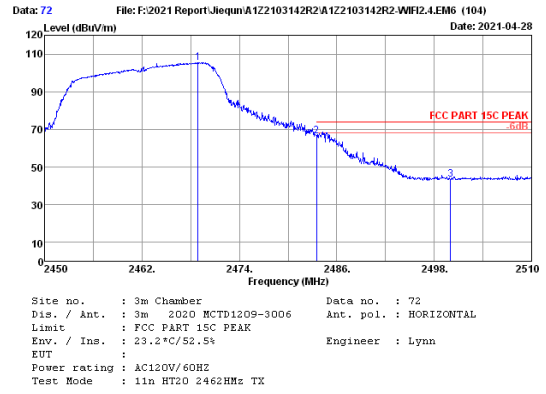
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	66.22	59.21	74.00	14.79	Peak
2	2416.260	28.04	0.93	112.86	105.89			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



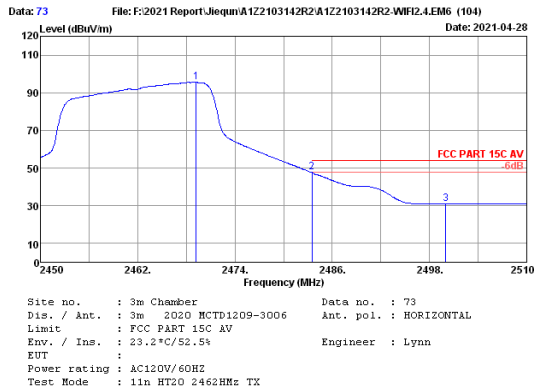
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.960	28.14	0.94	95.64	88.77	74.00	14.77	Peak
2	2483.500	28.17	0.94	56.19	49.35	74.00	24.65	Peak
3	2500.000	28.20	0.95	51.37	44.57	74.00	29.43	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



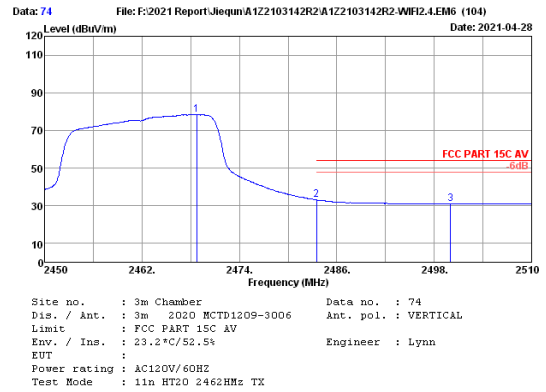
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.900	28.14	0.94	112.32	105.45	74.00	31.45	Peak
2	2483.500	28.17	0.94	73.17	66.33	74.00	7.67	Peak
3	2500.000	28.20	0.95	50.08	43.28	74.00	30.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



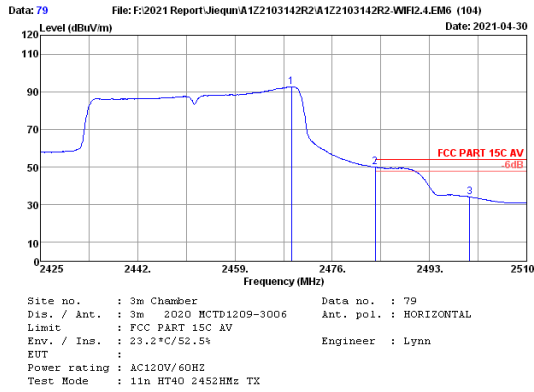
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.200	28.14	0.94	102.38	95.51	54.00	41.51	Average
2	2483.500	28.17	0.94	54.60	47.76	54.00	6.24	Average
3	2500.000	28.20	0.95	37.77	30.97	54.00	23.03	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



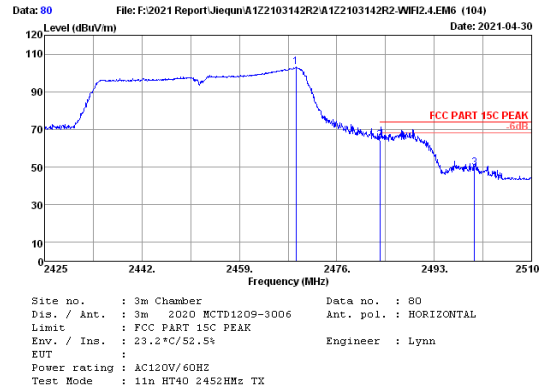
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.720	28.14	0.94	85.39	78.52	54.00	24.52	Average
2	2483.500	28.17	0.94	39.90	33.06	54.00	20.94	Average
3	2500.000	28.20	0.95	37.74	30.94	54.00	23.06	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



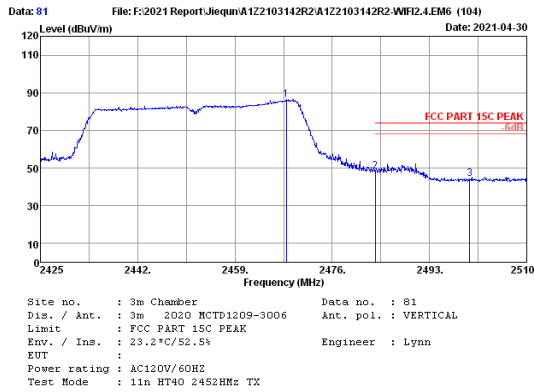
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.860	28.14	0.94	99.57	92.70	---	---	Average
2	2483.500	28.17	0.94	56.89	50.05	54.00	3.95	Average
3	2500.000	28.20	0.95	40.90	34.10	54.00	19.90	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



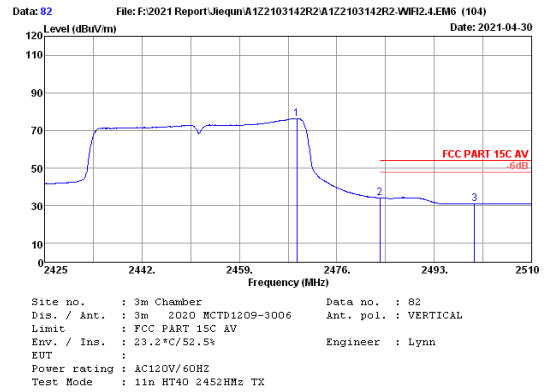
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.860	28.14	0.94	109.84	102.97	---	---	Peak
2	2483.500	28.17	0.94	71.10	64.26	74.00	9.74	Peak
3	2500.000	28.20	0.95	56.22	49.42	74.00	24.58	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



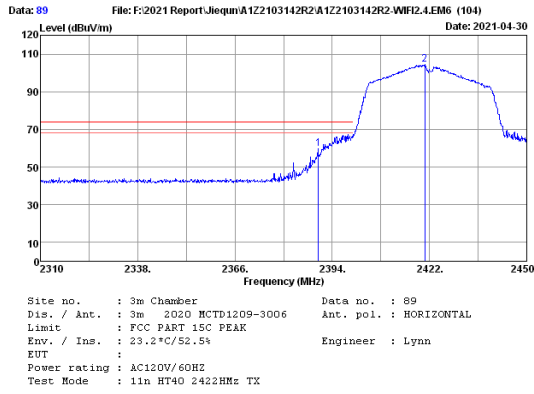
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2468.010	28.14	0.94	93.13	86.26	---	---	Peak
2	2483.500	28.17	0.94	55.24	48.40	74.00	25.60	Peak
3	2500.000	28.20	0.95	50.91	44.11	74.00	29.89	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



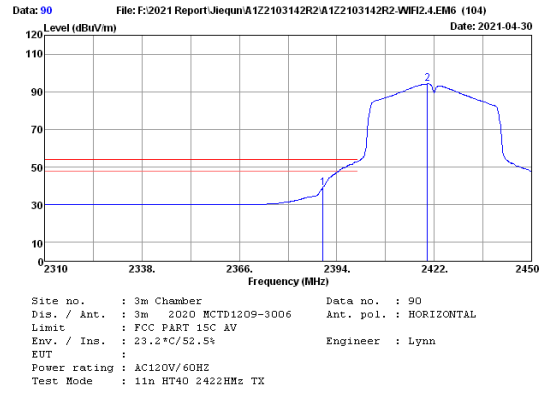
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.030	28.14	0.94	83.22	76.35	---	---	Average
2	2483.500	28.17	0.94	40.97	34.13	54.00	19.87	Average
3	2500.000	28.20	0.95	37.74	30.94	54.00	23.06	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



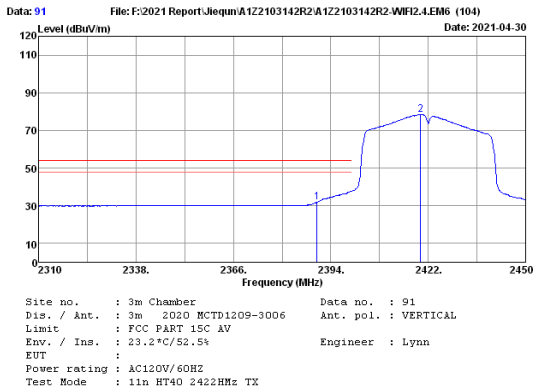
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	66.63	59.62	74.00	14.38	Peak
2	2420.600	28.08	0.93	111.30	104.37			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



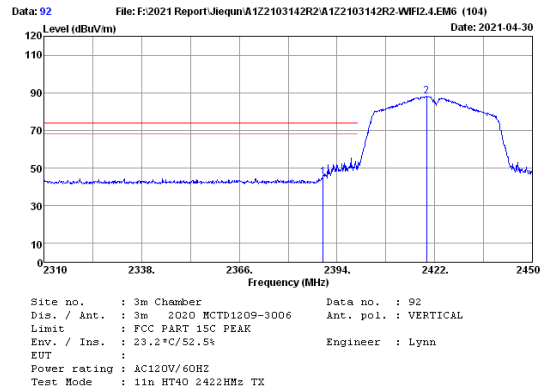
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	46.03	39.02	54.00	14.98	Average
2	2420.040	28.08	0.93	101.13	94.20			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	38.88	31.87	54.00	22.13	Average
2	2419.760	28.08	0.93	85.27	78.34			Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.01	0.92	52.16	45.15	74.00	28.85	Peak
2	2419.620	28.08	0.93	95.08	88.15			Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

7. 6dB Bandwidth Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.07,21	1 Year
2.	Attenuator	Agilent	8491B	MY39269201	Oct.12,20	1 Year
3.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	505238/6	Apr.07,21	1 Year

7.2. Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

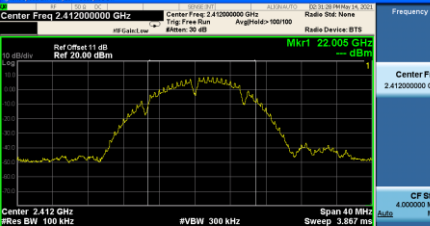
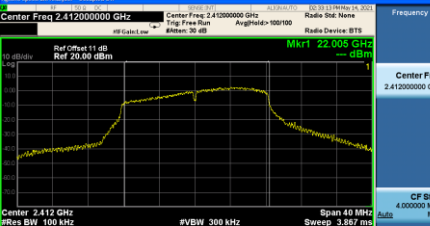
7.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

7.4. Test Results

EUT: Tablet		
M/N: CT9C08; CT9C18		
Test date: 2021-05-14	Pressure: 102.3±1.0 kpa	Humidity: 53.6±3.0%
Tested by: THOMAX	Test site: RF site	Temperature: 25.5±0.6 °C

Test Mode	CH	6dB bandwidth (MHz)	Limit (kHz)
11b	CH1	8.061	≥ 500
	CH6	8.598	≥ 500
	CH11	8.059	≥ 500
11g	CH1	11.38	≥ 500
	CH6	16.49	≥ 500
	CH11	12.28	≥ 500
11n HT20	CH1	12.27	≥ 500
	CH6	17.72	≥ 500
	CH11	12.99	≥ 500
11n HT40	CH3	14.94	≥ 500
	CH6	21.78	≥ 500
	CH9	19.92	≥ 500
Conclusion : PASS			

Low Channel	Middle Channel	High Channel
IEEE 802.11b		
 <p>Center Freq 2.41200000 GHz</p> <p>Occupied Bandwidth: 12.075 MHz</p> <p>Total Power: 23.7 dBm</p> <p>Transmit Freq Error: 856.87 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 8.061 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.43700000 GHz</p> <p>Occupied Bandwidth: 13.795 MHz</p> <p>Total Power: 22.9 dBm</p> <p>Transmit Freq Error: -292.22 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 8.588 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.46200000 GHz</p> <p>Occupied Bandwidth: 12.287 MHz</p> <p>Total Power: 23.4 dBm</p> <p>Transmit Freq Error: 767.19 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 8.059 MHz</p> <p>x dB: -6.00 dB</p>
IEEE 802.11g		
 <p>Center Freq 2.41200000 GHz</p> <p>Occupied Bandwidth: 16.216 MHz</p> <p>Total Power: 20.8 dBm</p> <p>Transmit Freq Error: 271.57 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 11.38 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.43700000 GHz</p> <p>Occupied Bandwidth: 17.110 MHz</p> <p>Total Power: 20.4 dBm</p> <p>Transmit Freq Error: -331.02 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 16.49 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.46200000 GHz</p> <p>Occupied Bandwidth: 16.231 MHz</p> <p>Total Power: 20.6 dBm</p> <p>Transmit Freq Error: 263.07 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 12.28 MHz</p> <p>x dB: -6.00 dB</p>
IEEE 802.11n HT20		
 <p>Center Freq 2.41200000 GHz</p> <p>Occupied Bandwidth: 17.308 MHz</p> <p>Total Power: 20.5 dBm</p> <p>Transmit Freq Error: 253.12 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 12.27 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.43700000 GHz</p> <p>Occupied Bandwidth: 17.935 MHz</p> <p>Total Power: 20.2 dBm</p> <p>Transmit Freq Error: -173.66 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.72 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.46200000 GHz</p> <p>Occupied Bandwidth: 17.329 MHz</p> <p>Total Power: 20.5 dBm</p> <p>Transmit Freq Error: 249.56 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 12.99 MHz</p> <p>x dB: -6.00 dB</p>
IEEE 802.11n HT40		
 <p>Center Freq 2.42200000 GHz</p> <p>Occupied Bandwidth: 34.618 MHz</p> <p>Total Power: 20.2 dBm</p> <p>Transmit Freq Error: -218.51 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 14.94 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.43700000 GHz</p> <p>Occupied Bandwidth: 36.548 MHz</p> <p>Total Power: 19.7 dBm</p> <p>Transmit Freq Error: -291.00 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 21.78 MHz</p> <p>x dB: -6.00 dB</p>	 <p>Center Freq 2.45200000 GHz</p> <p>Occupied Bandwidth: 36.053 MHz</p> <p>Total Power: 19.9 dBm</p> <p>Transmit Freq Error: 273.25 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 19.92 MHz</p> <p>x dB: -6.00 dB</p>

8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.07,21	1 Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr.07,21	1 Year
3.	Power Sensor	Anritsu	MA2491A	033005	Apr.06,21	1 Year
4.	Attenuator	Agilent	8491B	MY39269201	Oct.12,20	1 Year
5.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	505238/6	Apr.07,21	1 Year

8.2. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak output Power shall not exceed 1W(30dBm), As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level.

8.3. Test Procedure

- 1, Connected the EUT's antenna port to measure device by 20dB attenuator.
- 2, Use the test method described in ANSI C63.10-2013 clause 11.9.2.2.2 Method AVGSA-1.
 - 1) Set span to at least 1.5 times the OBW.
 - 2) Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.
 - 3) Set VBW $\geq [3 \times \text{RBW}]$.
 - 4) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
 - 5) Sweep time = auto.
 - 6) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
 - 7) If transmit duty cycle < 98%, use a sweep trigger with the level set to enable triggering only on full power pulses. The transmitter shall operate at the maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no OFF intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run."
 - 8) Trace average at least 100 traces in power averaging (rms) mode.
 - 9) Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with band limits set equal to the OBW band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

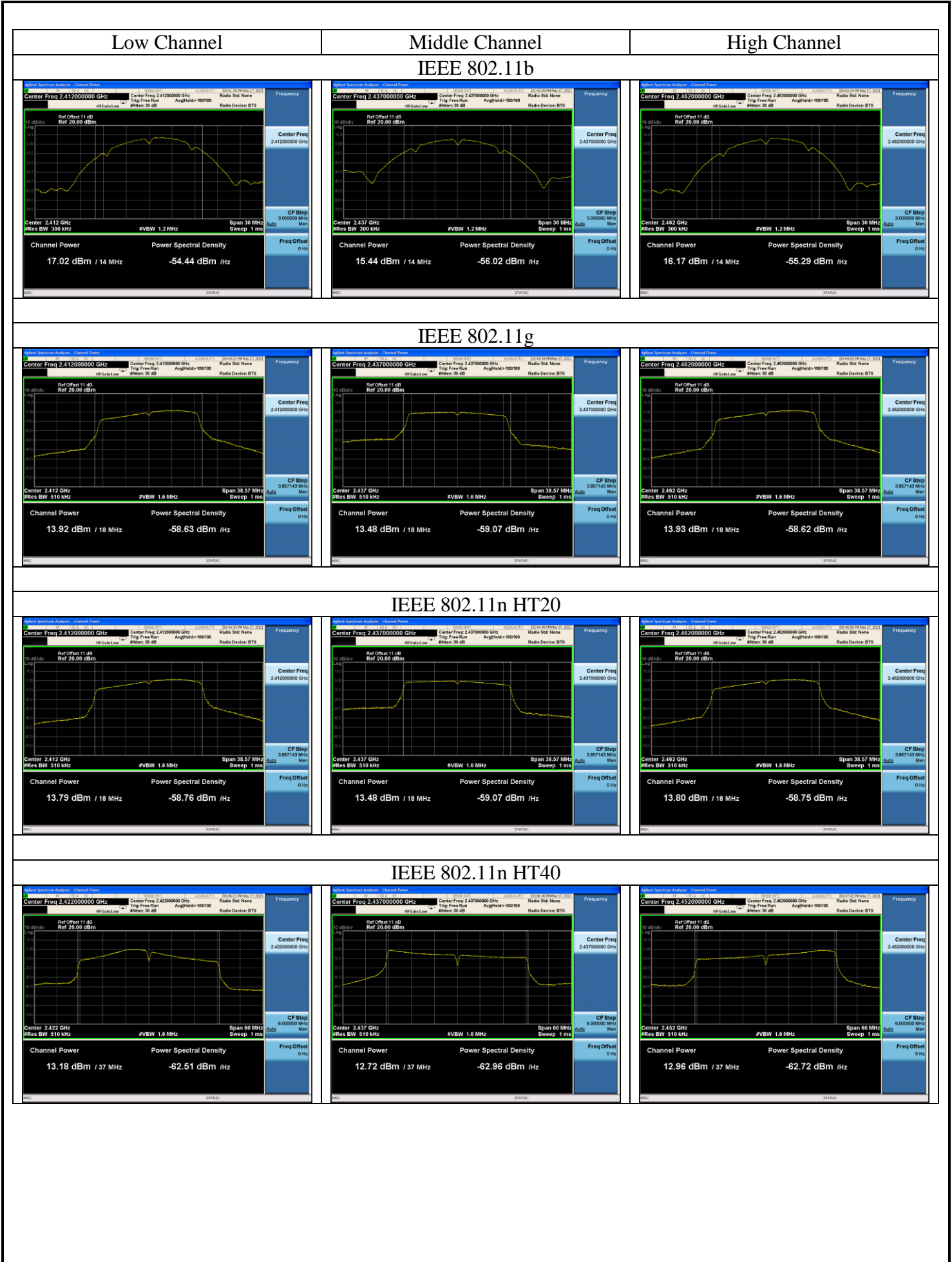
Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

8.4. Test Results

EUT: Tablet		
M/N: CT9C08; CT9C18		
Test date: 2021-05-17	Pressure: 102.1 ±1.0 kpa	Humidity: 51.1 ±3.0%
Tested by: THOMAX	Test site: RF site	Temperature: 22.8 ±0.6 °C

Test Mode	CH	Output Power (dBm)	Limit (dBm)
11b	CH1	17.02	30
	CH6	15.44	
	CH11	16.17	
11g	CH1	13.92	30
	CH6	13.48	
	CH11	13.93	
11n HT20	CH1	13.79	30
	CH6	13.48	
	CH11	13.80	
11n HT40	CH3	13.18	30
	CH6	12.72	
	CH9	12.96	

Conclusion: PASS



9. POWER SPECTRAL DENSITY TEST

9.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.07,21	1 Year
2.	Attenuator	Agilent	8491B	MY39269201	Oct.12,20	1 Year
3.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	505238/6	Apr.07,21	1 Year

9.2. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedure

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 DTS bandwidth.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.

9.4.Test Results

EUT: Tablet		
M/N: CT9C08; CT9C18		
Test date: 2021-05-17	Pressure: 102.3 ±1.0 kpa	Humidity: 53.6 ±3.0%
Tested by: THOMAX	Test site: RF site	Temperature: 25.5 ±0.6 °C

Test Mode	CH	Power Density (dBm/3kHz)	Limit (dBm/3kHz)
11b	CH1	-4.838	8
	CH6	-6.228	
	CH11	-5.565	
11g	CH1	-8.789	8
	CH6	-10.978	
	CH11	-8.772	
11n HT20	CH1	-8.312	8
	CH6	-11.096	
	CH11	-8.829	
11n HT40	CH3	-10.997	8
	CH6	-12.071	
	CH9	-11.693	

Conclusion: PASS