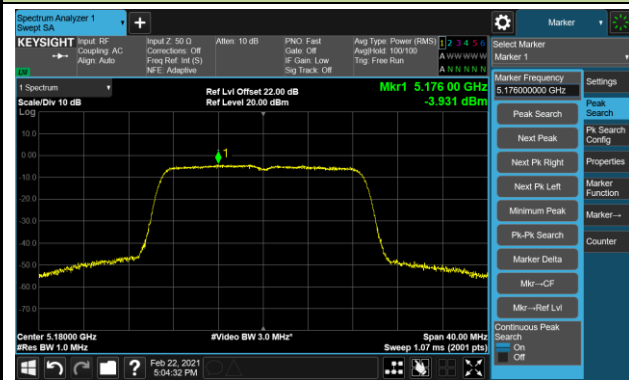
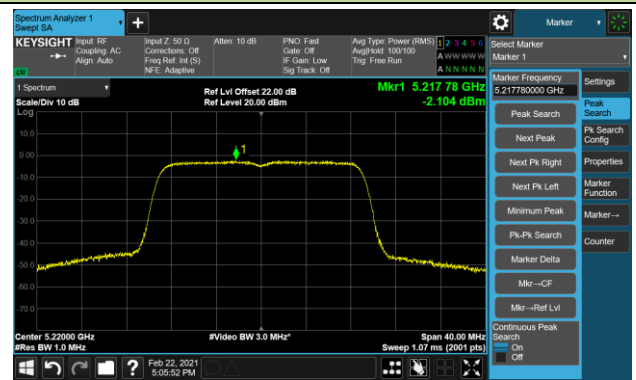


802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

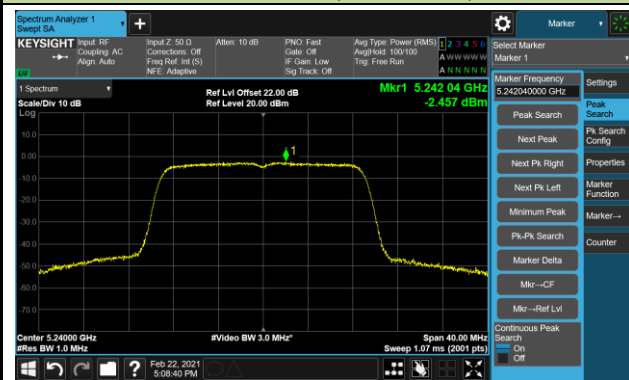
Channel 36 (5180MHz)



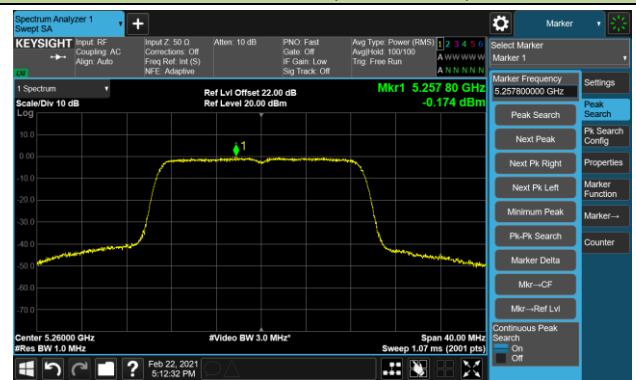
Channel 44 (5220MHz)



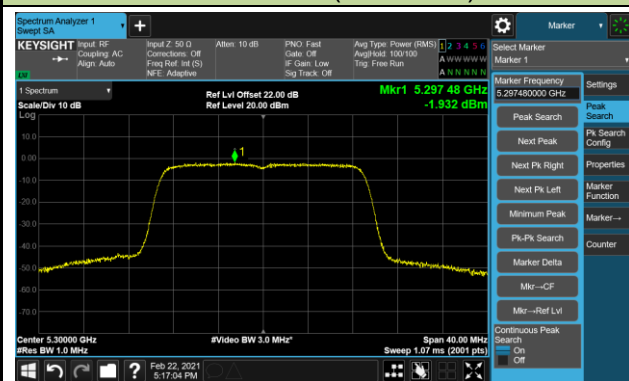
Channel 48 (5240MHz)



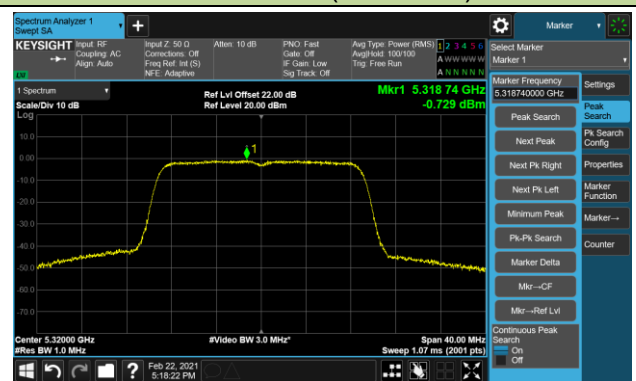
Channel 52 (5260MHz)



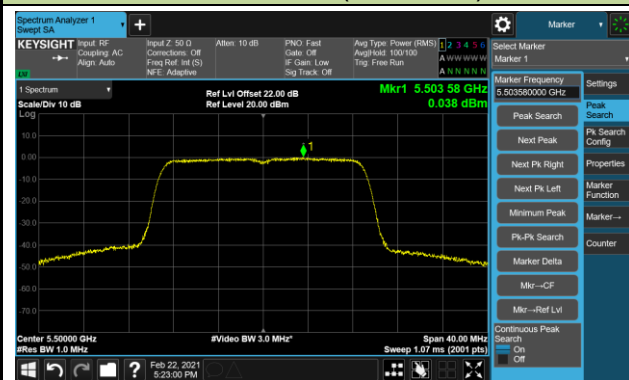
Channel 60 (5300MHz)



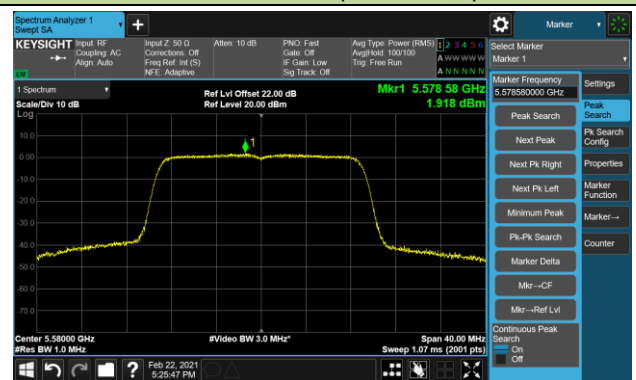
Channel 64 (5320MHz)



Channel 100 (5500MHz)

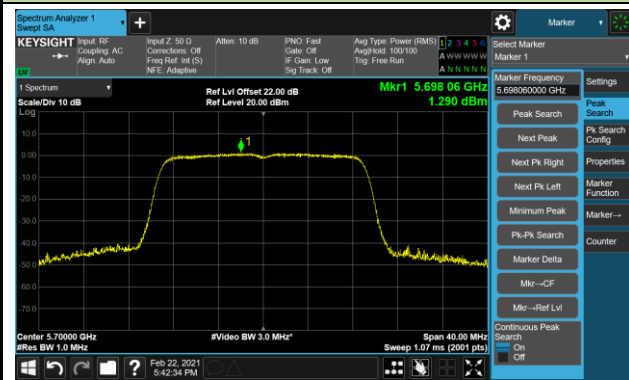


Channel 116 (5580MHz)

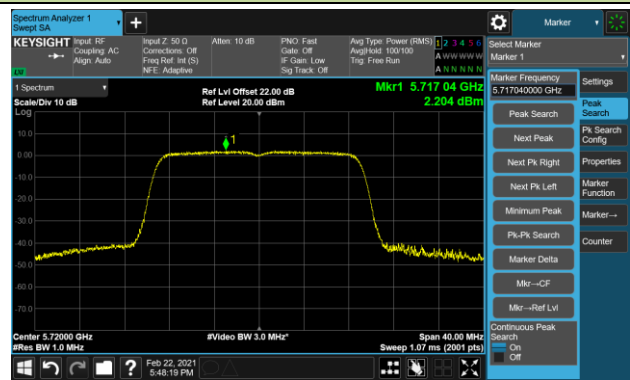


802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

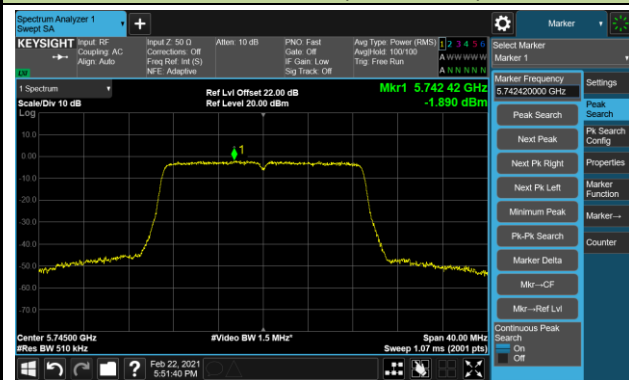
Channel 140 (5700MHz)



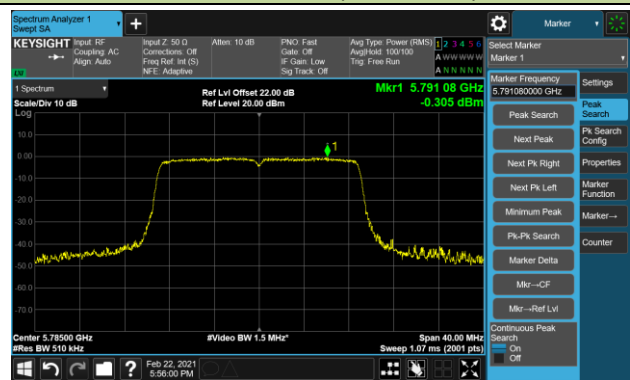
Channel 144 (5720MHz)



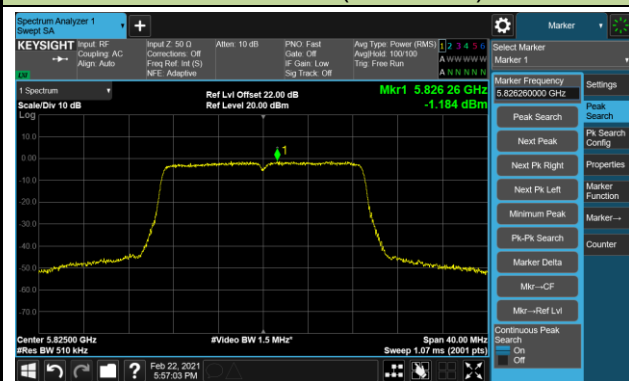
Channel 149 (5745MHz)



Channel 157 (5785MHz)

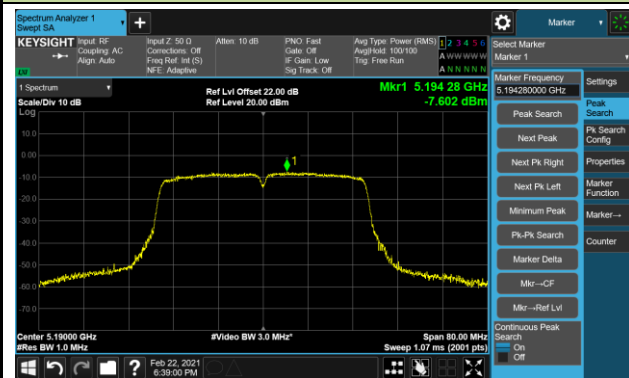


Channel 165 (5825MHz)

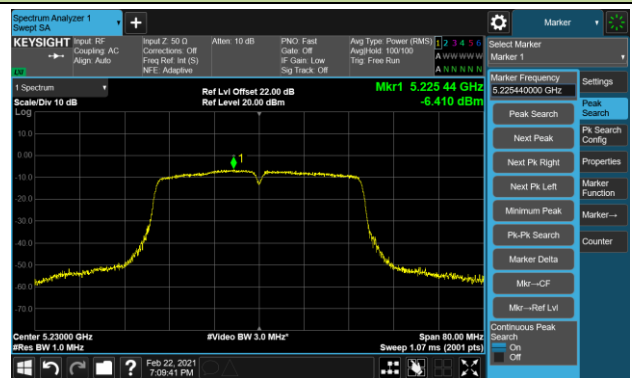


802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

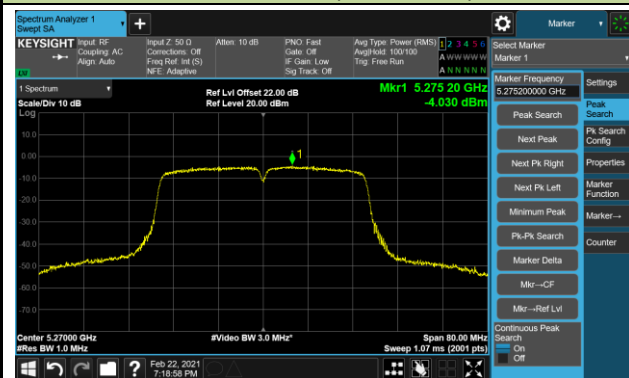
Channel 38 (5190MHz)



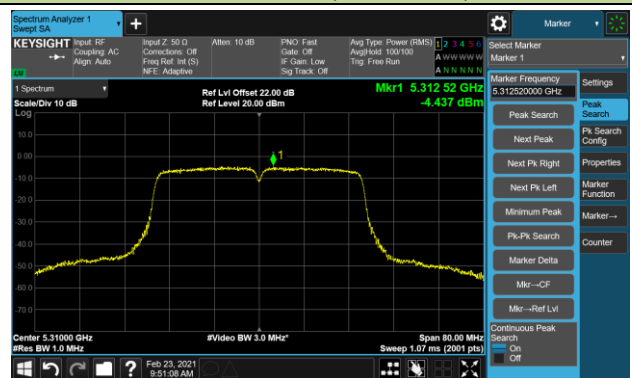
Channel 46 (5230MHz)



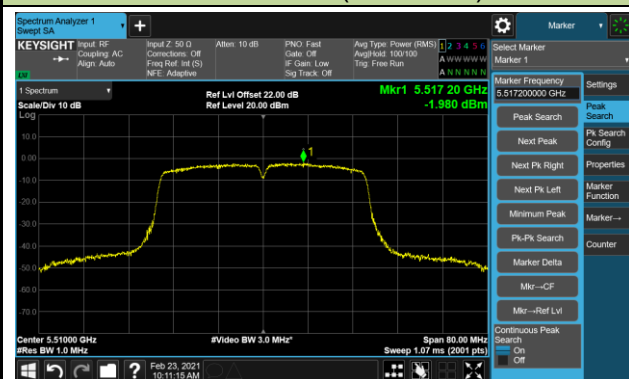
Channel 54 (5270MHz)



Channel 62 (5310MHz)



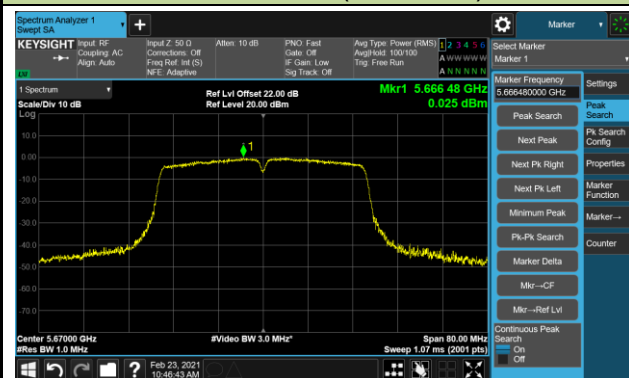
Channel 102 (5510MHz)



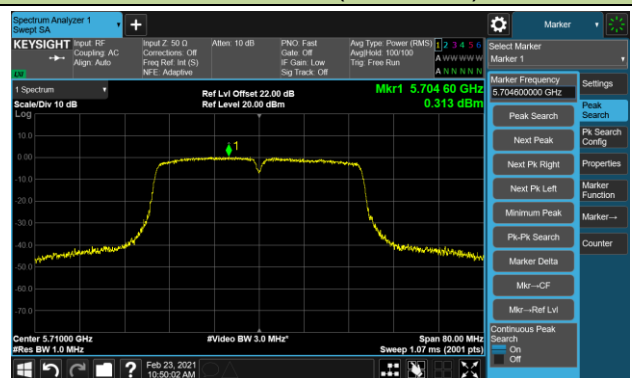
Channel 110 (5550MHz)



Channel 134 (5670MHz)

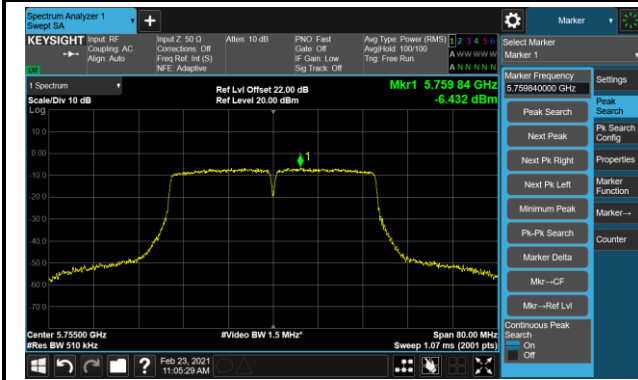


Channel 142 (5710MHz)

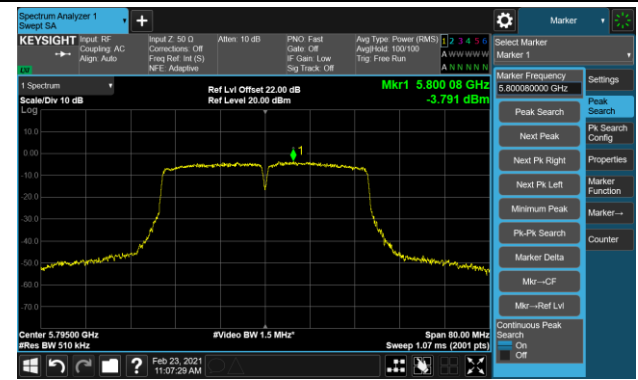


802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 151 (5755MHz)

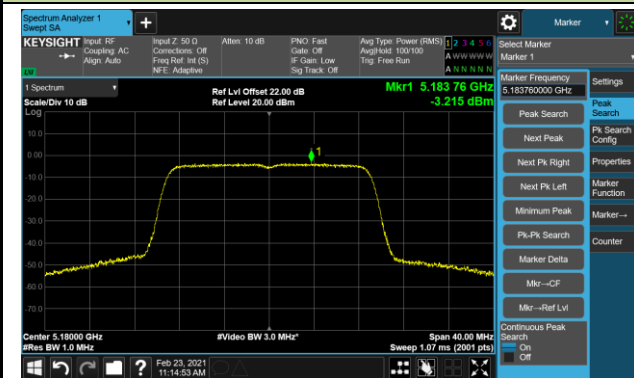


Channel 159 (5795MHz)

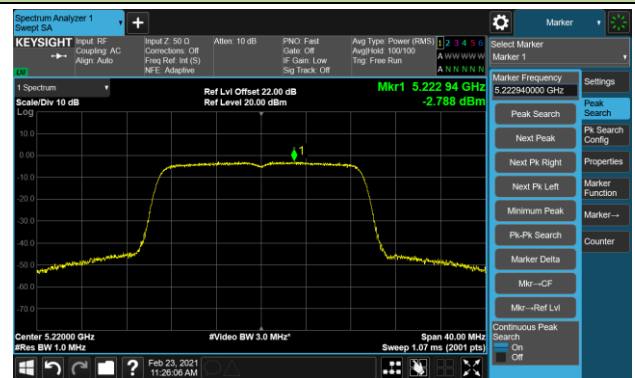


802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

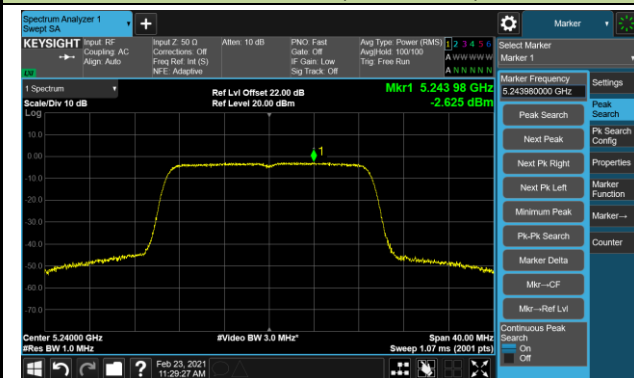
Channel 36 (5180MHz)



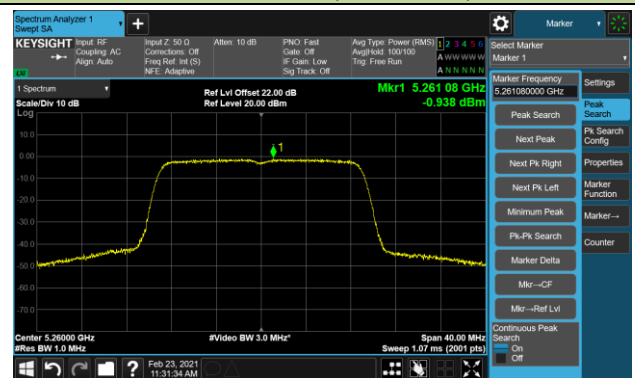
Channel 44 (5220MHz)



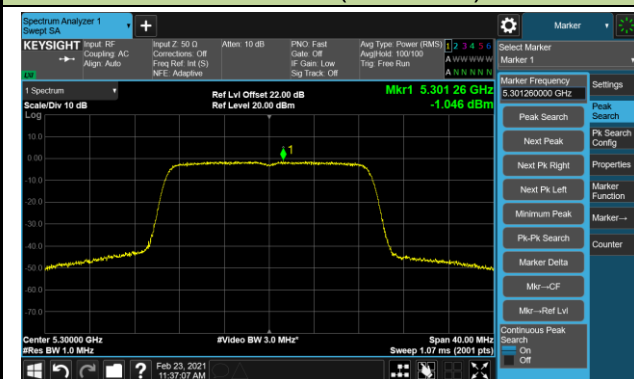
Channel 48 (5240MHz)



Channel 52 (5260MHz)



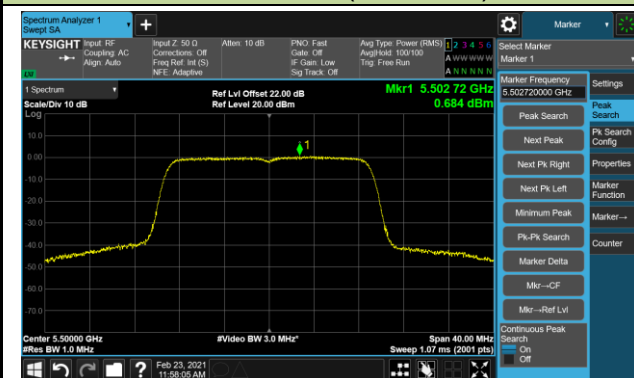
Channel 60 (5300MHz)



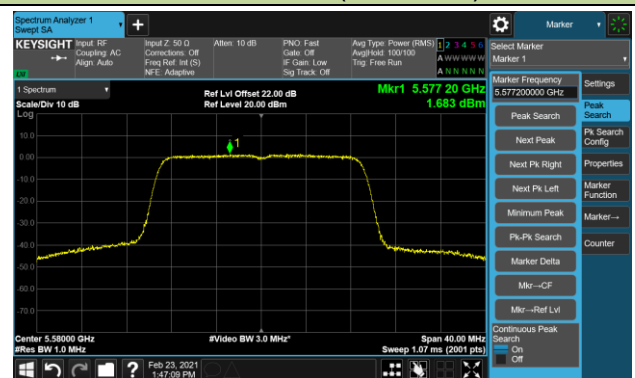
Channel 64 (5320MHz)



Channel 100 (5500MHz)

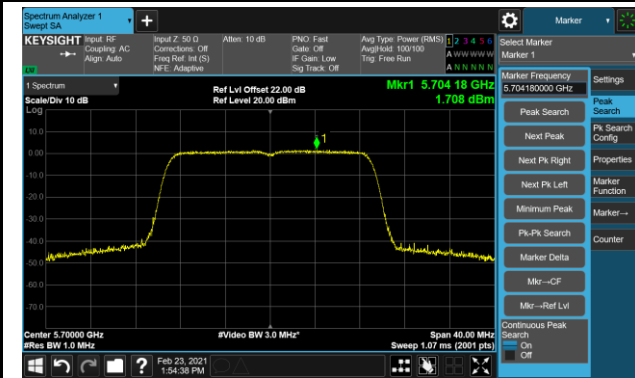


Channel 116 (5580MHz)

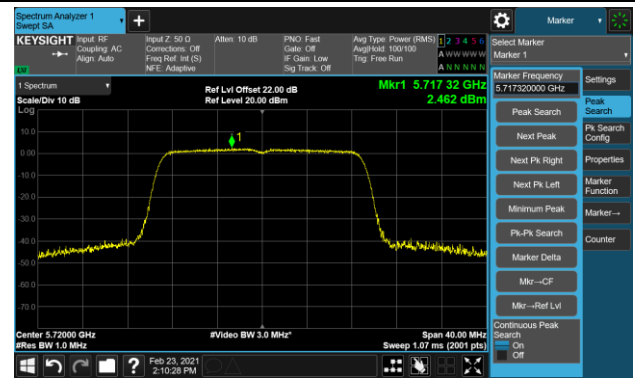


802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

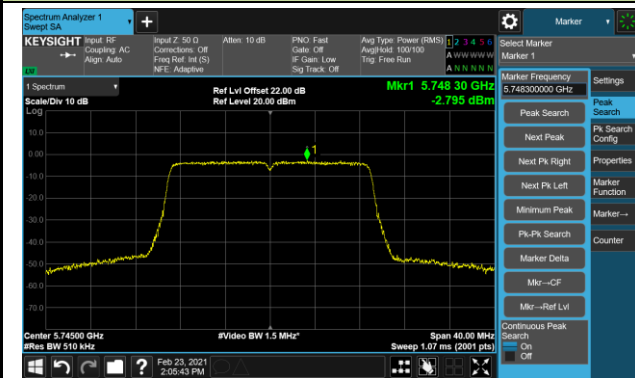
Channel 140 (5700MHz)



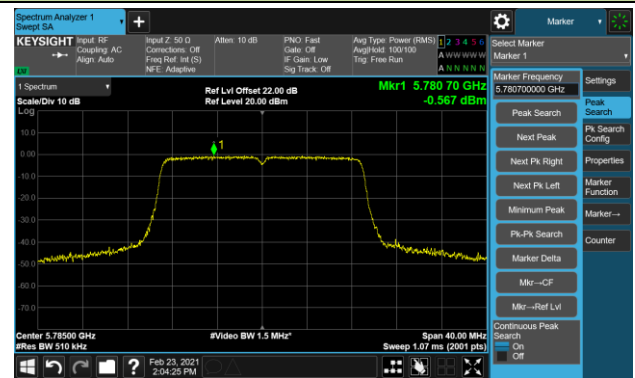
Channel 144 (5720MHz)



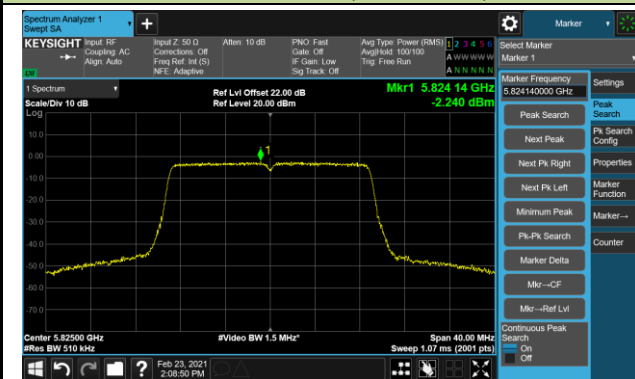
Channel 149 (5745MHz)



Channel 157 (5785MHz)

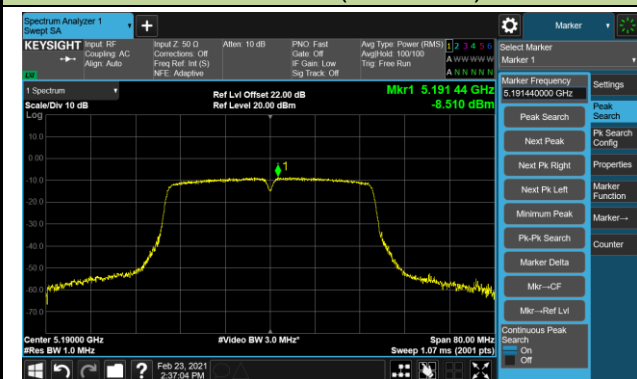


Channel 165 (5825MHz)

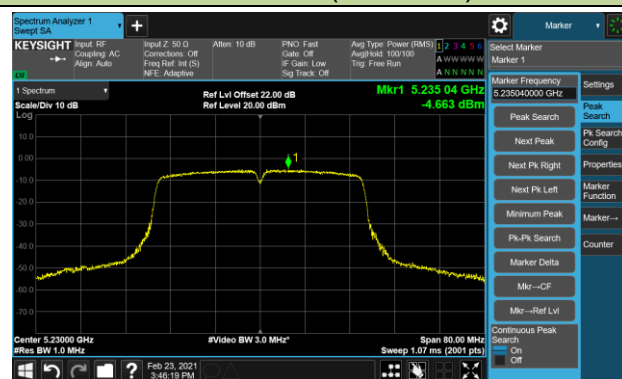


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

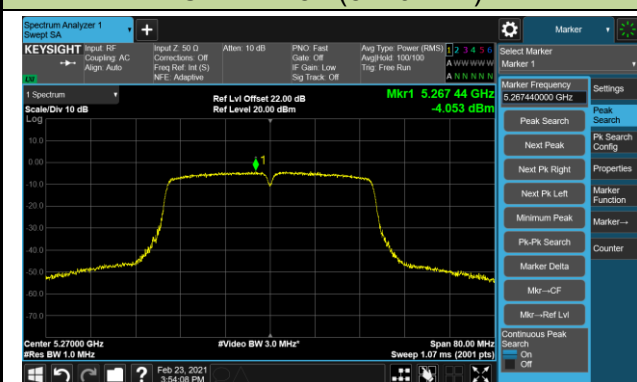
Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



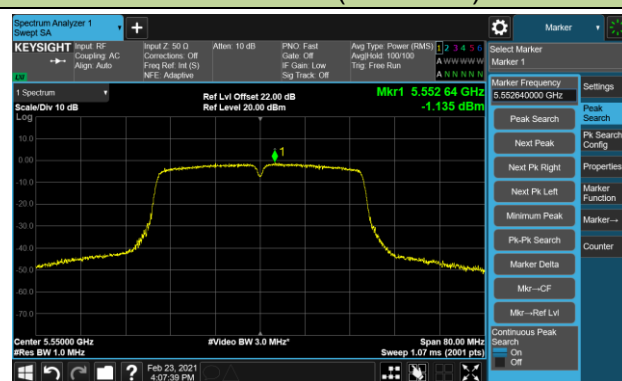
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)

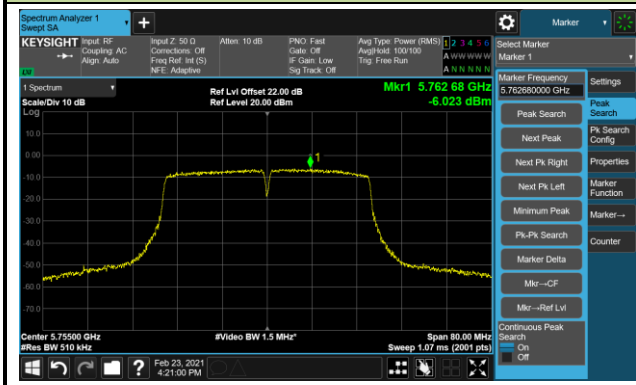


Channel 142 (5710MHz)

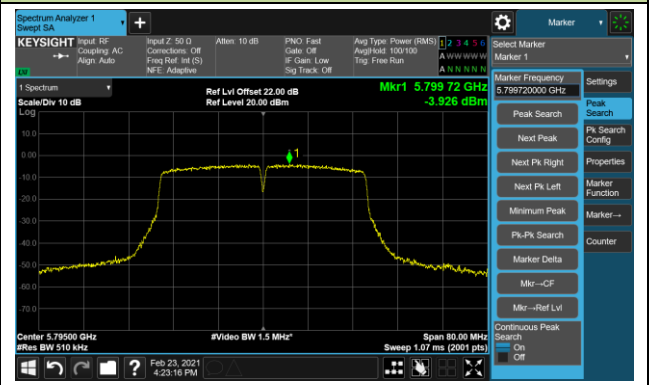


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 151 (5755MHz)

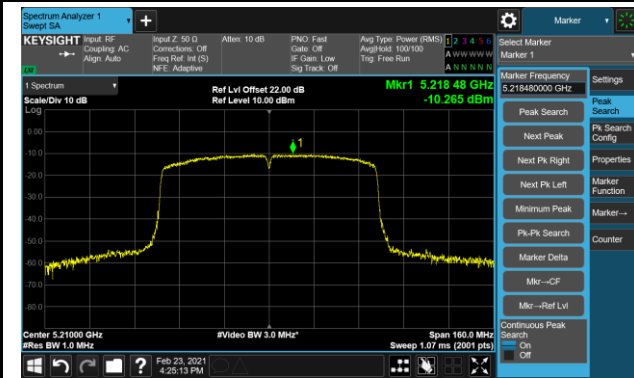


Channel 159 (5795MHz)

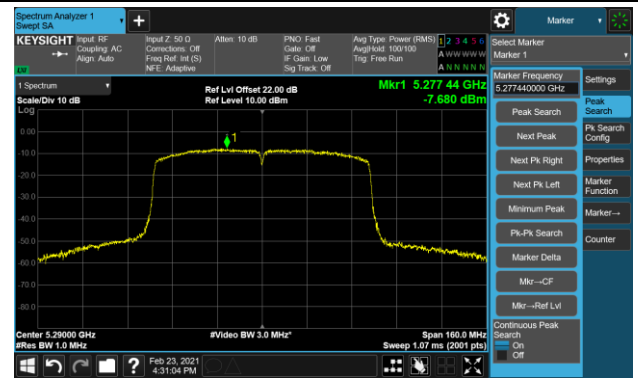


802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 42 (5210MHz)



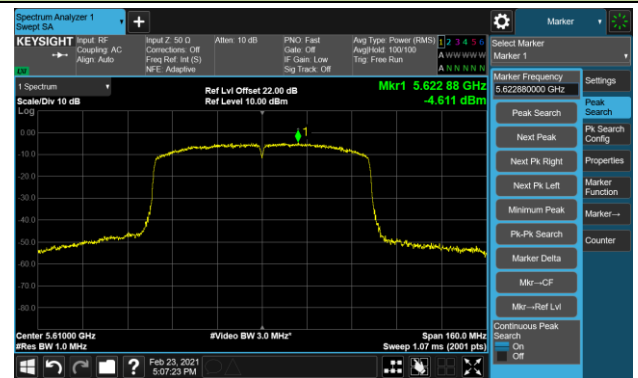
Channel 58 (5290MHz)



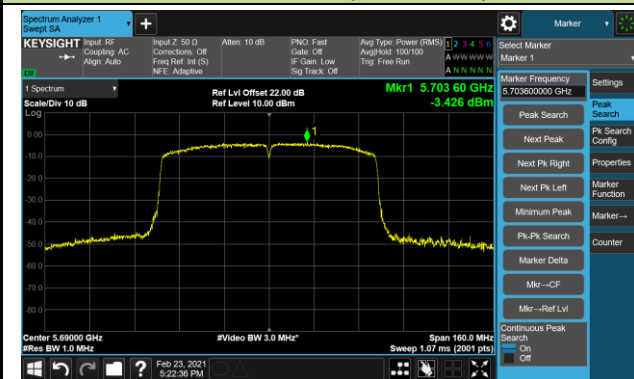
Channel 106 (5530MHz)



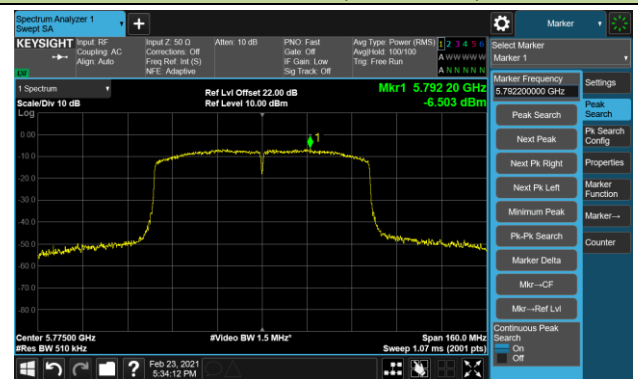
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



6.7. Frequency Stability Measurement

6.7.1. Test Limit

Fundamental emissions must be contained within the frequency bands specified in this section during all conditions of operation.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5GHz band (IEEE 802.11 specification).

6.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

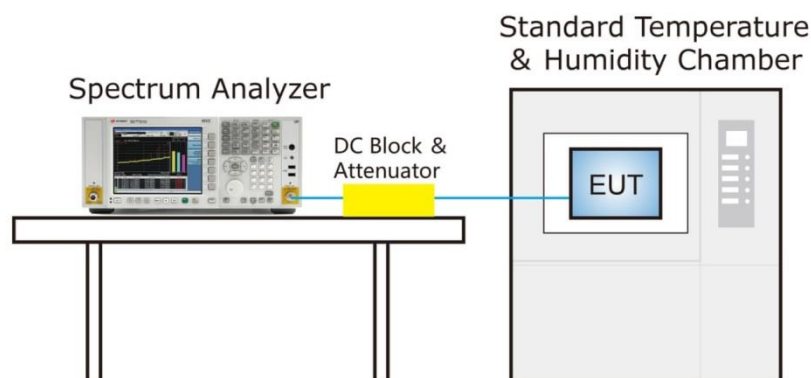
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

6.7.3. Test Setup



6.7.4. Test Result

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2021/02/23~2021/03/03		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 min	2 min	5 min	10 min
100%	120	- 30	13.51	7.72	7.72	2.73
		- 20	1.93	5.79	0.00	3.64
		- 10	0.00	9.65	9.65	2.73
		0	9.65	5.79	9.65	6.36
		+ 10	17.37	11.58	-5.79	-2.73
		+ 20 (Ref)	17.37	5.79	11.58	-7.27
		+ 30	13.51	-1.93	7.72	1.82
		+ 40	5.79	3.86	5.79	3.64
		+ 50	9.65	11.58	5.79	0.00
115%	138	+ 20	0.00	7.72	9.65	-0.91
85%	102	+ 20	9.65	9.65	11.58	-1.82

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} * 10⁶.

6.8. Unwanted Emission Measurement

6.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Unwanted Emission in 5250MHz~5350MHz Band (RSS-247 Issue 2 section 6.2.1.2)

Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250MHz.

6.8.2. Test Procedure Used

KDB 789033 D02v02r01 – Section G

6.8.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

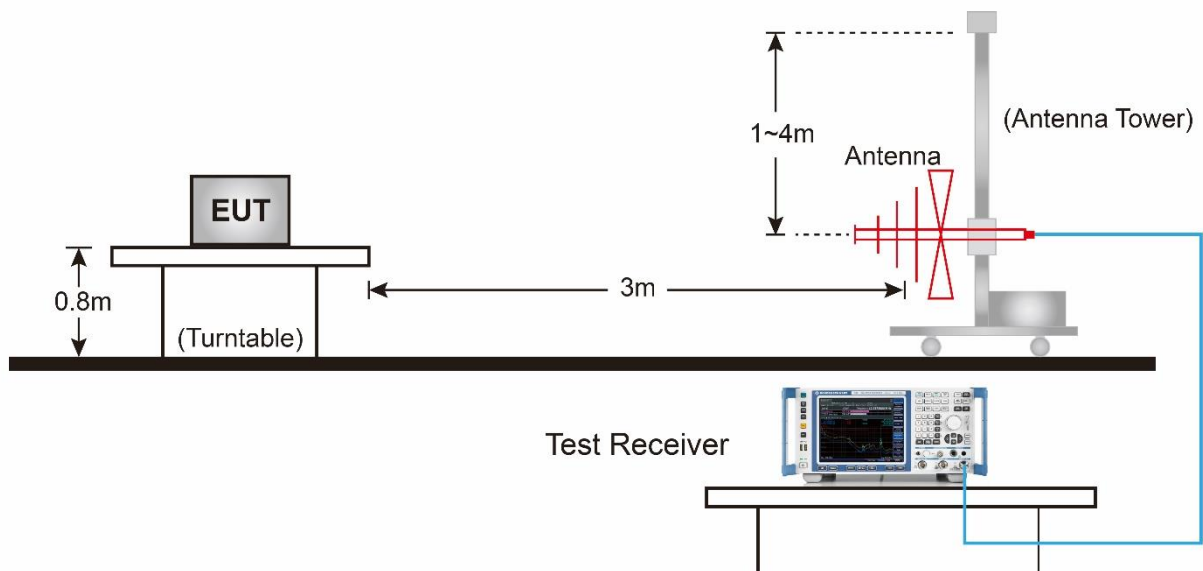
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

Unwanted Emission in 5250MHz~5350MHz Band

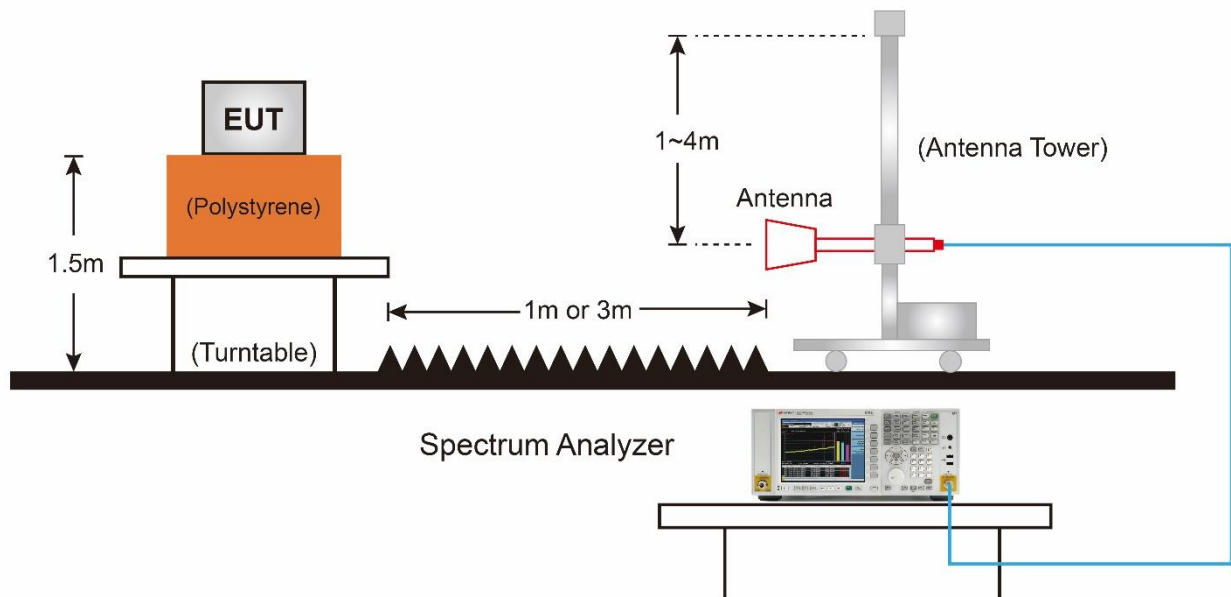
1. Set test frequency range from 5250MHz to 5350MHz
2. Set RBW = 1~5% OBW (99%)
3. Set VBW ≥ 3 times RBW
4. Set Detector = RMS
5. Trace mode = Max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize
8. Repeat the step 1 to 7 at other antenna chain.

6.8.4. Test Setup

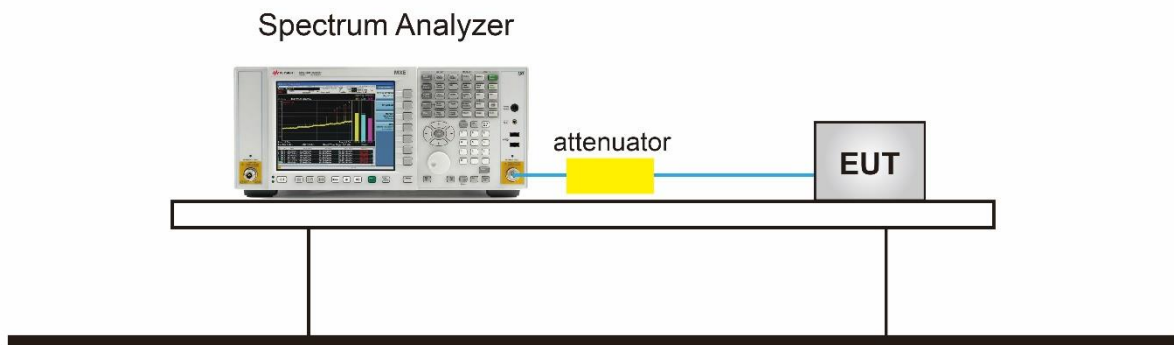
Below 1GHz Test Setup:



Above 1G Test Setup:



Unwanted Emission in 5250MHz~5350MHz Band Test Setup:



6.8.5. Test Result

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	36		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
	8310	32.6	12.5	45.1	74.0	-28.9	Peak	Horizontal
*	8862.5	30.5	14.4	44.9	68.2	-23.3	Peak	Horizontal
*	10358.5	35.4	16.4	51.8	68.2	-16.4	Peak	Horizontal
	7443	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
	8352.5	32.1	12.7	44.8	74.0	-29.2	Peak	Vertical
*	8616	34.1	13.6	47.7	68.2	-20.5	Peak	Vertical
*	10367	36.6	16.4	53.0	68.2	-15.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	44		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
	8276	33.3	12.5	45.8	74.0	-28.2	Peak	Horizontal
*	8769	32.7	14.5	47.2	68.2	-21.0	Peak	Horizontal
*	10435	34.3	16.5	50.8	68.2	-17.4	Peak	Horizontal
	7536.5	32.9	12.7	45.6	74.0	-28.4	Peak	Vertical
	8199.5	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
*	8760.5	33.2	14.5	47.7	68.2	-20.5	Peak	Vertical
*	10443.5	35.1	16.4	51.5	68.2	-16.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel:	48		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
	8242	31.4	12.4	43.8	74.0	-30.2	Peak	Horizontal
*	8675.5	33.7	14.1	47.8	68.2	-20.4	Peak	Horizontal
*	10477.5	35.3	16.4	51.7	68.2	-16.5	Peak	Horizontal
	7604.5	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
	8233.5	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
*	8743.5	34.6	14.4	49.0	68.2	-19.2	Peak	Vertical
*	10477.5	36.9	16.4	53.3	68.2	-14.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	52		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
	8242	31.6	12.4	44.0	74.0	-30.0	Peak	Horizontal
*	8726.5	34.8	14.2	49.0	68.2	-19.2	Peak	Horizontal
*	10520	36.1	16.3	52.4	68.2	-15.8	Peak	Horizontal
	7621.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8335.5	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
*	8692.5	33.6	14.2	47.8	68.2	-20.4	Peak	Vertical
*	10520	39.3	16.3	55.6	68.2	-12.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	60		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	34.1	12.5	46.6	74.0	-27.4	Peak	Horizontal
	8352.5	32.9	12.7	45.6	74.0	-28.4	Peak	Horizontal
*	8684	33.3	14.2	47.5	68.2	-20.7	Peak	Horizontal
*	10265	34.1	16.0	50.1	68.2	-18.1	Peak	Horizontal
	7681	34.0	12.8	46.8	74.0	-27.2	Peak	Vertical
	8310	34.5	12.5	47.0	74.0	-27.0	Peak	Vertical
*	8709.5	33.0	14.1	47.1	68.2	-21.1	Peak	Vertical
*	10596.5	37.1	16.5	53.6	68.2	-14.6	Peak	Vertical
<p>Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	64		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
	8267.5	32.7	12.4	45.1	74.0	-28.9	Peak	Horizontal
*	8692.5	34.5	14.2	48.7	68.2	-19.5	Peak	Horizontal
*	10248	34.5	15.8	50.3	68.2	-17.9	Peak	Horizontal
*	7094.5	35.4	12.3	47.7	68.2	-20.5	Peak	Vertical
*	7961.5	34.4	12.6	47.0	68.2	-21.2	Peak	Vertical
	8301.5	34.0	12.5	46.5	74.0	-27.5	Peak	Vertical
	10639	35.6	16.7	52.3	74.0	-21.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	100		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	8369.5	34.4	12.8	47.2	74.0	-26.8	Peak	Horizontal
*	8701	33.0	14.1	47.1	68.2	-21.1	Peak	Horizontal
*	10282	33.8	16.1	49.9	68.2	-18.3	Peak	Horizontal
	7460	34.3	12.8	47.1	74.0	-26.9	Peak	Vertical
	8344	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical
*	8667	33.4	14.1	47.5	68.2	-20.7	Peak	Vertical
*	9882.5	34.6	15.2	49.8	68.2	-18.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	116		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7358	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
	8199.5	31.8	12.5	44.3	74.0	-29.7	Peak	Horizontal
*	8743.5	33.3	14.4	47.7	68.2	-20.5	Peak	Horizontal
*	10214	33.9	15.7	49.6	68.2	-18.6	Peak	Horizontal
	7562	33.8	12.8	46.6	74.0	-27.4	Peak	Vertical
	8174	31.8	12.6	44.4	74.0	-29.6	Peak	Vertical
*	8718	33.2	14.1	47.3	68.2	-20.9	Peak	Vertical
*	10129	33.8	15.5	49.3	68.2	-18.9	Peak	Vertical
<p>Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	140		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579	34.5	12.6	47.1	74.0	-26.9	Peak	Horizontal
	8267.5	33.5	12.4	45.9	74.0	-28.1	Peak	Horizontal
*	8743.5	33.0	14.4	47.4	68.2	-20.8	Peak	Horizontal
*	10367	33.1	16.4	49.5	68.2	-18.7	Peak	Horizontal
	7638.5	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
	8301.5	33.6	12.5	46.1	74.0	-27.9	Peak	Vertical
*	8701	33.8	14.1	47.9	68.2	-20.3	Peak	Vertical
*	10282	33.4	16.1	49.5	68.2	-18.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	144		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	33.3	12.9	46.2	74.0	-27.8	Peak	Horizontal
	8344	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
*	8624.5	34.7	13.6	48.3	68.2	-19.9	Peak	Horizontal
*	9899.5	34.5	15.2	49.7	68.2	-18.5	Peak	Horizontal
	7621.5	34.2	12.8	47.0	74.0	-27.0	Peak	Vertical
	8412	33.4	12.9	46.3	74.0	-27.7	Peak	Vertical
*	8743.5	33.0	14.4	47.4	68.2	-20.8	Peak	Vertical
*	10290.5	33.2	16.1	49.3	68.2	-18.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	149		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443	31.9	12.6	44.5	74.0	-29.5	Peak	Horizontal
	8267.5	34.2	12.4	46.6	74.0	-27.4	Peak	Horizontal
*	8752	33.1	14.6	47.7	68.2	-20.5	Peak	Horizontal
*	9772	34.2	15.1	49.3	68.2	-18.9	Peak	Horizontal
	7621.5	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical
	8216.5	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
*	8675.5	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	10265	34.1	16.0	50.1	68.2	-18.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	157		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	8327	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	8692.5	33.4	14.2	47.6	68.2	-20.6	Peak	Horizontal
*	9959	34.2	15.2	49.4	68.2	-18.8	Peak	Horizontal
	7383.5	33.8	12.7	46.5	74.0	-27.5	Peak	Vertical
	8276	34.5	12.5	47.0	74.0	-27.0	Peak	Vertical
*	8803	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical
*	10239.5	34.3	15.7	50.0	68.2	-18.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)
Test Channel	165		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.4	12.8	47.2	74.0	-26.8	Peak	Horizontal
	8242	32.1	12.4	44.5	74.0	-29.5	Peak	Horizontal
*	8743.5	33.7	14.4	48.1	68.2	-20.1	Peak	Horizontal
*	10333	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	7468.5	33.6	12.9	46.5	74.0	-27.5	Peak	Vertical
	8310	33.3	12.5	45.8	74.0	-28.2	Peak	Vertical
*	8735	32.5	14.3	46.8	68.2	-21.4	Peak	Vertical
*	10282	33.7	16.1	49.8	68.2	-18.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	36		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
	8276	32.5	12.5	45.0	74.0	-29.0	Peak	Horizontal
*	8735	34.0	14.3	48.3	68.2	-19.9	Peak	Horizontal
*	10367	33.6	16.4	50.0	68.2	-18.2	Peak	Horizontal
	7400.5	34.1	12.9	47.0	74.0	-27.0	Peak	Vertical
	8250.5	32.6	12.4	45.0	74.0	-29.0	Peak	Vertical
*	8735	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical
*	10358.5	34.1	16.4	50.5	68.2	-17.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	44		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.3	12.7	46.0	74.0	-28.0	Peak	Horizontal
	8310	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
*	8794.5	34.0	14.4	48.4	68.2	-19.8	Peak	Horizontal
*	10350	34.0	16.4	50.4	68.2	-17.8	Peak	Horizontal
	7587.5	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
	8208	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
*	8735	33.8	14.3	48.1	68.2	-20.1	Peak	Vertical
*	9959	33.6	15.2	48.8	68.2	-19.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	48		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613	35.3	12.8	48.1	74.0	-25.9	Peak	Horizontal
	8335.5	33.2	12.7	45.9	74.0	-28.1	Peak	Horizontal
*	8692.5	33.5	14.2	47.7	68.2	-20.5	Peak	Horizontal
*	10265	33.6	16.0	49.6	68.2	-18.6	Peak	Horizontal
	7621.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
	8242	31.8	12.4	44.2	74.0	-29.8	Peak	Vertical
*	8760.5	33.4	14.5	47.9	68.2	-20.3	Peak	Vertical
*	10477.5	34.0	16.4	50.4	68.2	-17.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	52		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
	8403.5	33.5	13.0	46.5	74.0	-27.5	Peak	Horizontal
*	8769	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
*	10350	33.8	16.4	50.2	68.2	-18.0	Peak	Horizontal
	7621.5	35.1	12.8	47.9	74.0	-26.1	Peak	Vertical
	8284.5	33.8	12.5	46.3	74.0	-27.7	Peak	Vertical
*	8735	33.4	14.3	47.7	68.2	-20.5	Peak	Vertical
*	10520	36.6	16.3	52.9	68.2	-15.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	60		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.0	12.7	46.7	74.0	-27.3	Peak	Horizontal
	8242	32.3	12.4	44.7	74.0	-29.3	Peak	Horizontal
*	8735	34.0	14.3	48.3	68.2	-19.9	Peak	Horizontal
*	10324.5	34.0	16.3	50.3	68.2	-17.9	Peak	Horizontal
	7562	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
	8276	32.8	12.5	45.3	74.0	-28.7	Peak	Vertical
*	8735	32.5	14.3	46.8	68.2	-21.4	Peak	Vertical
*	9814.5	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	64		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375	34.4	12.6	47.0	74.0	-27.0	Peak	Horizontal
	8310	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
*	8743.5	33.9	14.4	48.3	68.2	-19.9	Peak	Horizontal
*	10265	33.9	16.0	49.9	68.2	-18.3	Peak	Horizontal
	7417.5	33.3	12.9	46.2	74.0	-27.8	Peak	Vertical
	8386.5	33.8	12.9	46.7	74.0	-27.3	Peak	Vertical
*	8743.5	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical
*	10358.5	33.8	16.4	50.2	68.2	-18.0	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	100		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.0	12.9	46.9	74.0	-27.1	Peak	Horizontal
	8403.5	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	8854	30.5	14.4	44.9	68.2	-23.3	Peak	Horizontal
*	10358.5	33.2	16.4	49.6	68.2	-18.6	Peak	Horizontal
	7332.5	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical
	8318.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical
*	8675.5	32.9	14.1	47.0	68.2	-21.2	Peak	Vertical
*	9874	33.7	15.1	48.8	68.2	-19.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	116		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	34.7	12.8	47.5	74.0	-26.5	Peak	Horizontal
	8318.5	33.6	12.6	46.2	74.0	-27.8	Peak	Horizontal
*	8675.5	32.9	14.1	47.0	68.2	-21.2	Peak	Horizontal
*	9874	33.7	15.1	48.8	68.2	-19.4	Peak	Horizontal
	7443	33.9	12.6	46.5	74.0	-27.5	Peak	Vertical
	8284.5	33.0	12.5	45.5	74.0	-28.5	Peak	Vertical
*	8743.5	33.2	14.4	47.6	68.2	-20.6	Peak	Vertical
*	9772	33.7	15.1	48.8	68.2	-19.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	140		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
	8284.5	33.3	12.5	45.8	74.0	-28.2	Peak	Horizontal
*	8726.5	34.1	14.2	48.3	68.2	-19.9	Peak	Horizontal
*	10052.5	34.7	15.3	50.0	68.2	-18.2	Peak	Horizontal
	7536.5	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
	8301.5	34.3	12.5	46.8	74.0	-27.2	Peak	Vertical
*	8743.5	34.1	14.4	48.5	68.2	-19.7	Peak	Vertical
*	9891	34.3	15.2	49.5	68.2	-18.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	144		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	33.6	12.8	46.4	74.0	-27.6	Peak	Horizontal
	8208	32.1	12.5	44.6	74.0	-29.4	Peak	Horizontal
*	8735	34.4	14.3	48.7	68.2	-19.5	Peak	Horizontal
*	9840	34.3	15.1	49.4	68.2	-18.8	Peak	Horizontal
	7409	34.1	12.9	47.0	74.0	-27.0	Peak	Vertical
	8335.5	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
*	8752	33.1	14.6	47.7	68.2	-20.5	Peak	Vertical
*	9899.5	33.8	15.2	49.0	68.2	-19.2	Peak	Vertical
<p>Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	149		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.1	12.7	45.8	74.0	-28.2	Peak	Horizontal
	8301.5	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
*	8658.5	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	9908	33.7	15.2	48.9	68.2	-19.3	Peak	Horizontal
	7528	32.9	12.7	45.6	74.0	-28.4	Peak	Vertical
	8267.5	33.2	12.4	45.6	74.0	-28.4	Peak	Vertical
*	8743.5	32.1	14.4	46.5	68.2	-21.7	Peak	Vertical
*	9789	33.4	15.0	48.4	68.2	-19.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	157		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	34.5	12.6	47.1	74.0	-26.9	Peak	Horizontal
	8216.5	32.7	12.4	45.1	74.0	-28.9	Peak	Horizontal
*	8743.5	33.3	14.4	47.7	68.2	-20.5	Peak	Horizontal
*	10367	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
	7434.5	32.5	12.7	45.2	74.0	-28.8	Peak	Vertical
	8284.5	33.2	12.5	45.7	74.0	-28.3	Peak	Vertical
*	8743.5	34.2	14.4	48.6	68.2	-19.6	Peak	Vertical
*	9891	34.2	15.2	49.4	68.2	-18.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT20 - Ant 0 + 1 (CDD Mode)
Test Channel	165		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
	8293	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
*	8701	34.0	14.1	48.1	68.2	-20.1	Peak	Horizontal
*	9712.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
	7604.5	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
	8276	33.8	12.5	46.3	74.0	-27.7	Peak	Vertical
*	8752	33.7	14.6	48.3	68.2	-19.9	Peak	Vertical
*	10273.5	33.7	16.1	49.8	68.2	-18.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	38		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
	8361	33.1	12.7	45.8	74.0	-28.2	Peak	Horizontal
*	8752	33.9	14.6	48.5	68.2	-19.7	Peak	Horizontal
*	9908	34.3	15.2	49.5	68.2	-18.7	Peak	Horizontal
	7460	33.1	12.8	45.9	74.0	-28.1	Peak	Vertical
	8276	32.3	12.5	44.8	74.0	-29.2	Peak	Vertical
*	8752	34.1	14.6	48.7	68.2	-19.5	Peak	Vertical
*	9959	34.0	15.2	49.2	68.2	-19.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	46		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528	33.3	12.7	46.0	74.0	-28.0	Peak	Horizontal
	8310	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
*	8760.5	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
*	9899.5	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	7553.5	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
	8369.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
*	8735	33.3	14.3	47.6	68.2	-20.6	Peak	Vertical
*	9882.5	34.7	15.2	49.9	68.2	-18.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	54		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.0	12.7	45.7	74.0	-28.3	Peak	Horizontal
	8259	32.6	12.4	45.0	74.0	-29.0	Peak	Horizontal
*	8726.5	34.0	14.2	48.2	68.2	-20.0	Peak	Horizontal
*	10333	34.3	16.3	50.6	68.2	-17.6	Peak	Horizontal
	7502.5	33.6	12.7	46.3	74.0	-27.7	Peak	Vertical
	8318.5	32.3	12.6	44.9	74.0	-29.1	Peak	Vertical
*	8701	32.9	14.1	47.0	68.2	-21.2	Peak	Vertical
*	10537	35.0	16.2	51.2	68.2	-17.0	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	62		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	32.7	12.9	45.6	74.0	-28.4	Peak	Horizontal
	8233.5	32.8	12.4	45.2	74.0	-28.8	Peak	Horizontal
*	8735	33.0	14.3	47.3	68.2	-20.9	Peak	Horizontal
*	10120.5	33.7	15.3	49.0	68.2	-19.2	Peak	Horizontal
	7536.5	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
	8276	32.7	12.5	45.2	74.0	-28.8	Peak	Vertical
*	8752	33.2	14.6	47.8	68.2	-20.4	Peak	Vertical
*	10282	33.0	16.1	49.1	68.2	-19.1	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	102		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.8	12.7	44.5	74.0	-29.5	Peak	Horizontal
	8378	32.1	12.9	45.0	74.0	-29.0	Peak	Horizontal
*	8675.5	33.7	14.1	47.8	68.2	-20.4	Peak	Horizontal
*	9857	33.9	15.1	49.0	68.2	-19.2	Peak	Horizontal
	7502.5	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical
	8276	32.1	12.5	44.6	74.0	-29.4	Peak	Vertical
*	8735	33.3	14.3	47.6	68.2	-20.6	Peak	Vertical
*	10290.5	33.6	16.1	49.7	68.2	-18.5	Peak	Vertical
<p>Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	110		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.6	12.9	46.5	74.0	-27.5	Peak	Horizontal
	8284.5	32.4	12.5	44.9	74.0	-29.1	Peak	Horizontal
*	8735	32.6	14.3	46.9	68.2	-21.3	Peak	Horizontal
*	10273.5	33.7	16.1	49.8	68.2	-18.4	Peak	Horizontal
	7400.5	34.8	12.9	47.7	74.0	-26.3	Peak	Vertical
	8318.5	33.3	12.6	45.9	74.0	-28.1	Peak	Vertical
*	8692.5	33.6	14.2	47.8	68.2	-20.4	Peak	Vertical
*	10282	34.0	16.1	50.1	68.2	-18.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	134		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.5	12.9	46.4	74.0	-27.6	Peak	Horizontal
	8335.5	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
*	8726.5	33.1	14.2	47.3	68.2	-20.9	Peak	Horizontal
*	9865.5	34.5	15.1	49.6	68.2	-18.6	Peak	Horizontal
	7587.5	33.8	12.6	46.4	74.0	-27.6	Peak	Vertical
	8199.5	31.9	12.5	44.4	74.0	-29.6	Peak	Vertical
*	8667	34.2	14.1	48.3	68.2	-19.9	Peak	Vertical
*	10290.5	34.2	16.1	50.3	68.2	-17.9	Peak	Vertical
<p>Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	142		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
	8369.5	33.7	12.8	46.5	74.0	-27.5	Peak	Horizontal
*	8735	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
*	10307.5	35.0	16.2	51.2	68.2	-17.0	Peak	Horizontal
	7613	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical
	8378	34.0	12.9	46.9	74.0	-27.1	Peak	Vertical
*	8718	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	10154.5	33.9	15.4	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	151		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511	32.7	12.6	45.3	74.0	-28.7	Peak	Horizontal
	8352.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
*	8735	33.4	14.3	47.7	68.2	-20.5	Peak	Horizontal
*	10265	34.5	16.0	50.5	68.2	-17.7	Peak	Horizontal
	7545	33.7	12.8	46.5	74.0	-27.5	Peak	Vertical
	8165.5	31.9	12.6	44.5	74.0	-29.5	Peak	Vertical
*	8709.5	33.7	14.1	47.8	68.2	-20.4	Peak	Vertical
*	9831.5	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11n-HT40 - Ant 0 + 1 (CDD Mode)
Test Channel	159		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477	33.6	13.0	46.6	74.0	-27.4	Peak	Horizontal
	8318.5	33.6	12.6	46.2	74.0	-27.8	Peak	Horizontal
*	8769	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
*	9891	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	7536.5	34.0	12.7	46.7	74.0	-27.3	Peak	Vertical
	8199.5	31.3	12.5	43.8	74.0	-30.2	Peak	Vertical
*	8735	33.4	14.3	47.7	68.2	-20.5	Peak	Vertical
*	9874	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	36		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
	8344	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	8675.5	34.1	14.1	48.2	68.2	-20.0	Peak	Horizontal
*	9899.5	34.4	15.2	49.6	68.2	-18.6	Peak	Horizontal
	7477	33.2	13.0	46.2	74.0	-27.8	Peak	Vertical
	8327	33.4	12.6	46.0	74.0	-28.0	Peak	Vertical
*	8726.5	34.2	14.2	48.4	68.2	-19.8	Peak	Vertical
*	10358.5	34.3	16.4	50.7	68.2	-17.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	44		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
	8276	32.9	12.5	45.4	74.0	-28.6	Peak	Horizontal
*	8735	34.4	14.3	48.7	68.2	-19.5	Peak	Horizontal
*	10307.5	34.1	16.2	50.3	68.2	-17.9	Peak	Horizontal
	7545	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
	8267.5	33.7	12.4	46.1	74.0	-27.9	Peak	Vertical
*	8718	33.3	14.1	47.4	68.2	-20.8	Peak	Vertical
*	9865.5	33.4	15.1	48.5	68.2	-19.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	48		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8327	33.7	12.0	45.7	74.0	-28.3	Peak	Horizontal
*	8701	34.1	12.6	46.7	68.2	-21.5	Peak	Horizontal
*	9899.5	33.1	13.2	46.3	68.2	-21.9	Peak	Horizontal
	7621.5	34.9	12.3	47.2	74.0	-26.8	Peak	Vertical
	8327	34.4	12.0	46.4	74.0	-27.6	Peak	Vertical
*	8743.5	36.9	12.8	49.7	68.2	-18.5	Peak	Vertical
*	10477.5	38.5	14.4	52.9	68.2	-15.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	52		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	35.3	12.1	47.4	74.0	-26.6	Peak	Horizontal
	8352.5	33.6	12.1	45.7	74.0	-28.3	Peak	Horizontal
*	8692.5	33.6	12.6	46.2	68.2	-22.0	Peak	Horizontal
*	10511.5	35.4	14.5	49.9	68.2	-18.3	Peak	Horizontal
	7638.5	35.0	12.1	47.1	74.0	-26.9	Peak	Vertical
	8310	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical
*	8675.5	33.8	12.6	46.4	68.2	-21.8	Peak	Vertical
*	10511.5	36.5	14.5	51.0	68.2	-17.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	60		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.7	12.2	46.9	74.0	-27.1	Peak	Horizontal
	8386.5	33.6	12.2	45.8	74.0	-28.2	Peak	Horizontal
*	8667	33.2	12.6	45.8	68.2	-22.4	Peak	Horizontal
*	10375.5	34.6	14.5	49.1	68.2	-19.1	Peak	Horizontal
	7604.5	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical
	8344	34.7	12.1	46.8	74.0	-27.2	Peak	Vertical
*	8735	33.1	12.7	45.8	68.2	-22.4	Peak	Vertical
*	10282	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	64		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	35.3	12.2	47.5	74.0	-26.5	Peak	Horizontal
	8259	33.8	11.7	45.5	74.0	-28.5	Peak	Horizontal
*	8769	33.8	12.9	46.7	68.2	-21.5	Peak	Horizontal
*	10248	34.1	14.1	48.2	68.2	-20.0	Peak	Horizontal
	7647	34.7	12.0	46.7	74.0	-27.3	Peak	Vertical
	8310	33.3	11.9	45.2	74.0	-28.8	Peak	Vertical
*	8743.5	33.5	12.8	46.3	68.2	-21.9	Peak	Vertical
*	10273.5	33.9	14.3	48.2	68.2	-20.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	100		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.8	12.2	47.0	74.0	-27.0	Peak	Horizontal
	8284.5	34.4	11.8	46.2	74.0	-27.8	Peak	Horizontal
*	8726.5	34.0	12.6	46.6	68.2	-21.6	Peak	Horizontal
*	10256.5	33.9	14.2	48.1	68.2	-20.1	Peak	Horizontal
	7621.5	34.1	12.3	46.4	74.0	-27.6	Peak	Vertical
	8378	33.4	12.2	45.6	74.0	-28.4	Peak	Vertical
*	8735	33.6	12.7	46.3	68.2	-21.9	Peak	Vertical
*	10307.5	33.8	14.4	48.2	68.2	-20.0	Peak	Vertical
<p>Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	116		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.6	12.2	46.8	74.0	-27.2	Peak	Horizontal
	8378	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
*	8692.5	34.1	12.6	46.7	68.2	-21.5	Peak	Horizontal
*	10528.5	33.7	14.3	48.0	68.2	-20.2	Peak	Horizontal
	7698	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical
	8369.5	33.7	12.1	45.8	74.0	-28.2	Peak	Vertical
*	8743.5	33.8	12.8	46.6	68.2	-21.6	Peak	Vertical
*	10214	32.6	14.1	46.7	68.2	-21.5	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	140		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8284.5	34.1	11.8	45.9	74.0	-28.1	Peak	Horizontal
*	8709.5	33.9	12.6	46.5	68.2	-21.7	Peak	Horizontal
*	10367	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
	7621.5	34.1	12.3	46.4	74.0	-27.6	Peak	Vertical
	8327	33.2	12.0	45.2	74.0	-28.8	Peak	Vertical
*	8692.5	32.9	12.6	45.5	68.2	-22.7	Peak	Vertical
*	10435	33.9	14.6	48.5	68.2	-19.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	144		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647	34.4	12.0	46.4	74.0	-27.6	Peak	Horizontal
	8242	32.2	11.7	43.9	74.0	-30.1	Peak	Horizontal
*	8735	32.8	12.7	45.5	68.2	-22.7	Peak	Horizontal
*	10222.5	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
	7630	34.4	12.2	46.6	74.0	-27.4	Peak	Vertical
	8208	34.2	11.6	45.8	74.0	-28.2	Peak	Vertical
*	8735	34.8	12.7	47.5	68.2	-20.7	Peak	Vertical
*	10299	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	149		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	35.6	12.0	47.6	74.0	-26.4	Peak	Horizontal
	8301.5	34.2	11.9	46.1	74.0	-27.9	Peak	Horizontal
*	8718	33.6	12.5	46.1	68.2	-22.1	Peak	Horizontal
*	10392.5	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
	7545	34.4	12.2	46.6	74.0	-27.4	Peak	Vertical
	8335.5	33.7	12.1	45.8	74.0	-28.2	Peak	Vertical
*	8667	33.3	12.6	45.9	68.2	-22.3	Peak	Vertical
*	10197	34.0	14.0	48.0	68.2	-20.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	157		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494	34.1	12.1	46.2	74.0	-27.8	Peak	Horizontal
	8327	33.4	12.0	45.4	74.0	-28.6	Peak	Horizontal
*	8701	33.3	12.6	45.9	68.2	-22.3	Peak	Horizontal
*	10205.5	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
	7621.5	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
	8352.5	33.4	12.1	45.5	74.0	-28.5	Peak	Vertical
*	8692.5	32.9	12.6	45.5	68.2	-22.7	Peak	Vertical
*	10265	33.7	14.3	48.0	68.2	-20.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)
Test Channel	165		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	34.6	12.1	46.7	74.0	-27.3	Peak	Horizontal
	8361	33.8	12.1	45.9	74.0	-28.1	Peak	Horizontal
*	8667	33.5	12.6	46.1	68.2	-22.1	Peak	Horizontal
*	10307.5	33.5	14.4	47.9	68.2	-20.3	Peak	Horizontal
	7681	33.9	12.2	46.1	74.0	-27.9	Peak	Vertical
	8386.5	33.6	12.2	45.8	74.0	-28.2	Peak	Vertical
*	8718	35.7	12.5	48.2	68.2	-20.0	Peak	Vertical
*	10273.5	34.3	14.3	48.6	68.2	-19.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	38		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	34.8	12.0	46.8	74.0	-27.2	Peak	Horizontal
	8301.5	33.4	11.9	45.3	74.0	-28.7	Peak	Horizontal
*	8726.5	34.3	12.6	46.9	68.2	-21.3	Peak	Horizontal
*	10282	34.2	14.4	48.6	68.2	-19.6	Peak	Horizontal
	7630	34.3	12.2	46.5	74.0	-27.5	Peak	Vertical
	8250.5	33.0	11.7	44.7	74.0	-29.3	Peak	Vertical
*	8726.5	34.0	12.6	46.6	68.2	-21.6	Peak	Vertical
*	10299	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	46		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647	34.8	12.0	46.8	74.0	-27.2	Peak	Horizontal
	8310	33.8	11.9	45.7	74.0	-28.3	Peak	Horizontal
*	8726.5	33.7	12.6	46.3	68.2	-21.9	Peak	Horizontal
*	10265	34.6	14.3	48.9	68.2	-19.3	Peak	Horizontal
	7630	34.4	12.2	46.6	74.0	-27.4	Peak	Vertical
	8352.5	33.1	12.1	45.2	74.0	-28.8	Peak	Vertical
*	8718	34.0	12.5	46.5	68.2	-21.7	Peak	Vertical
*	10214	34.3	14.1	48.4	68.2	-19.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	54		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596	34.4	12.1	46.5	74.0	-27.5	Peak	Horizontal
	8480	33.3	12.2	45.5	74.0	-28.5	Peak	Horizontal
*	8726.5	34.3	12.6	46.9	68.2	-21.3	Peak	Horizontal
*	10290.5	33.7	14.3	48.0	68.2	-20.2	Peak	Horizontal
	7638.5	34.0	12.1	46.1	74.0	-27.9	Peak	Vertical
	8378	34.1	12.2	46.3	74.0	-27.7	Peak	Vertical
*	8743.5	33.4	12.8	46.2	68.2	-22.0	Peak	Vertical
*	10239.5	34.1	14.0	48.1	68.2	-20.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	62		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613	34.4	12.3	46.7	74.0	-27.3	Peak	Horizontal
	8318.5	33.4	12.0	45.4	74.0	-28.6	Peak	Horizontal
*	8794.5	33.5	12.8	46.3	68.2	-21.9	Peak	Horizontal
*	10511.5	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
	7562	34.7	12.2	46.9	74.0	-27.1	Peak	Vertical
	8369.5	33.5	12.1	45.6	74.0	-28.4	Peak	Vertical
*	8692.5	34.0	12.6	46.6	68.2	-21.6	Peak	Vertical
*	10350	32.2	14.5	46.7	68.2	-21.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	102		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	34.0	12.3	46.3	74.0	-27.7	Peak	Horizontal
	8403.5	33.3	12.2	45.5	74.0	-28.5	Peak	Horizontal
*	8684	33.4	12.6	46.0	68.2	-22.2	Peak	Horizontal
*	10239.5	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
	7570.5	34.4	12.1	46.5	74.0	-27.5	Peak	Vertical
	8369.5	34.5	12.1	46.6	74.0	-27.4	Peak	Vertical
*	8684	34.2	12.6	46.8	68.2	-21.4	Peak	Vertical
*	10222.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
<p>Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	110		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8284.5	33.4	11.8	45.2	74.0	-28.8	Peak	Horizontal
*	8692.5	33.5	12.6	46.1	68.2	-22.1	Peak	Horizontal
*	10214	33.5	14.1	47.6	68.2	-20.6	Peak	Horizontal
	7647	35.0	12.0	47.0	74.0	-27.0	Peak	Vertical
	8352.5	33.1	12.1	45.2	74.0	-28.8	Peak	Vertical
*	8667	32.6	12.6	45.2	68.2	-23.0	Peak	Vertical
*	10282	34.3	14.4	48.7	68.2	-19.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	134		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	34.2	12.3	46.5	74.0	-27.5	Peak	Horizontal
	8301.5	33.6	11.9	45.5	74.0	-28.5	Peak	Horizontal
*	8735	33.5	12.7	46.2	68.2	-22.0	Peak	Horizontal
*	10214	33.9	14.1	48.0	68.2	-20.2	Peak	Horizontal
	7630	34.7	12.2	46.9	74.0	-27.1	Peak	Vertical
	8344	33.6	12.1	45.7	74.0	-28.3	Peak	Vertical
*	8701	33.3	12.6	45.9	68.2	-22.3	Peak	Vertical
*	10384	33.7	14.5	48.2	68.2	-20.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	142		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647	35.0	12.0	47.0	74.0	-27.0	Peak	Horizontal
	8386.5	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
*	8726.5	33.6	12.6	46.2	68.2	-22.0	Peak	Horizontal
*	10256.5	34.3	14.2	48.5	68.2	-19.7	Peak	Horizontal
	7536.5	33.3	12.1	45.4	74.0	-28.6	Peak	Vertical
	8284.5	33.0	11.8	44.8	74.0	-29.2	Peak	Vertical
*	8743.5	33.5	12.8	46.3	68.2	-21.9	Peak	Vertical
*	10273.5	33.9	14.3	48.2	68.2	-20.0	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	151		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	35.2	12.1	47.3	74.0	-26.7	Peak	Horizontal
	8361	33.5	12.1	45.6	74.0	-28.4	Peak	Horizontal
*	8735	33.3	12.7	46.0	68.2	-22.2	Peak	Horizontal
*	10137.5	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
	7494	33.4	12.1	45.5	74.0	-28.5	Peak	Vertical
	8293	33.6	11.9	45.5	74.0	-28.5	Peak	Vertical
*	8752	34.5	13.0	47.5	68.2	-20.7	Peak	Vertical
*	10137.5	33.2	13.9	47.1	68.2	-21.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)
Test Channel	159		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8089	34.1	11.8	45.9	74.0	-28.1	Peak	Horizontal
*	8556.5	34.2	12.1	46.3	68.2	-21.9	Peak	Horizontal
*	9891	34.5	13.1	47.6	68.2	-20.6	Peak	Horizontal
	7545	34.2	12.2	46.4	74.0	-27.6	Peak	Vertical
	8454.5	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
*	8743.5	34.0	12.8	46.8	68.2	-21.4	Peak	Vertical
*	10248	33.6	14.1	47.7	68.2	-20.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	42		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
	8361	33.8	12.1	45.9	74.0	-28.1	Peak	Horizontal
*	8743.5	33.3	12.8	46.1	68.2	-22.1	Peak	Horizontal
*	10333	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
	7621.5	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
	8310	32.5	11.9	44.4	74.0	-29.6	Peak	Vertical
*	8709.5	33.7	12.6	46.3	68.2	-21.9	Peak	Vertical
*	10205.5	33.5	14.0	47.5	68.2	-20.7	Peak	Vertical
<p>Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	58		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613	34.1	12.3	46.4	74.0	-27.6	Peak	Horizontal
	8361	33.7	12.1	45.8	74.0	-28.2	Peak	Horizontal
*	8675.5	34.5	12.6	47.1	68.2	-21.1	Peak	Horizontal
*	10392.5	33.1	14.5	47.6	68.2	-20.6	Peak	Horizontal
	7587.5	34.4	12.1	46.5	74.0	-27.5	Peak	Vertical
	8395	33.5	12.2	45.7	74.0	-28.3	Peak	Vertical
*	8718	34.9	12.5	47.4	68.2	-20.8	Peak	Vertical
*	10248	34.2	14.1	48.3	68.2	-19.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	106		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
	8386.5	34.8	12.2	47.0	74.0	-27.0	Peak	Horizontal
*	8701	34.0	12.6	46.6	68.2	-21.6	Peak	Horizontal
*	10214	34.0	14.1	48.1	68.2	-20.1	Peak	Horizontal
	7604.5	34.5	12.2	46.7	74.0	-27.3	Peak	Vertical
	8327	33.1	12.0	45.1	74.0	-28.9	Peak	Vertical
*	8701	33.4	12.6	46.0	68.2	-22.2	Peak	Vertical
*	10214	34.0	14.1	48.1	68.2	-20.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	122		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8276	31.7	11.8	43.5	74.0	-30.5	Peak	Horizontal
*	8888	31.4	13.0	44.4	68.2	-23.8	Peak	Horizontal
*	10265	33.2	14.3	47.5	68.2	-20.7	Peak	Horizontal
	7477	34.5	12.2	46.7	74.0	-27.3	Peak	Vertical
	8386.5	34.2	12.2	46.4	74.0	-27.6	Peak	Vertical
*	8718	33.9	12.5	46.4	68.2	-21.8	Peak	Vertical
*	10290.5	33.4	14.3	47.7	68.2	-20.5	Peak	Vertical
<p>Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)</p> <p>Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	138		
Remark:	<p>3. Average measurement was not performed if peak level lower than average limit.</p> <p>4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.</p>		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.0	12.1	46.1	74.0	-27.9	Peak	Horizontal
	8344	34.5	12.1	46.6	74.0	-27.4	Peak	Horizontal
*	8701	34.3	12.6	46.9	68.2	-21.3	Peak	Horizontal
*	10392.5	34.2	14.5	48.7	68.2	-19.5	Peak	Horizontal
	7562	34.0	12.2	46.2	74.0	-27.8	Peak	Vertical
	8378	34.1	12.2	46.3	74.0	-27.7	Peak	Vertical
*	8820	33.0	12.9	45.9	68.2	-22.3	Peak	Vertical
*	10154.5	33.3	13.8	47.1	68.2	-21.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/02/20	Test Mode	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)
Test Channel	155		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
	8276	33.0	11.8	44.8	74.0	-29.2	Peak	Horizontal
*	8726.5	33.8	12.6	46.4	68.2	-21.8	Peak	Horizontal
*	10265	33.5	14.3	47.8	68.2	-20.4	Peak	Horizontal
	7613	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
	8454.5	33.3	12.3	45.6	74.0	-28.4	Peak	Vertical
*	8777.5	33.4	12.8	46.2	68.2	-22.0	Peak	Vertical
*	10273.5	34.1	14.3	48.4	68.2	-19.8	Peak	Vertical

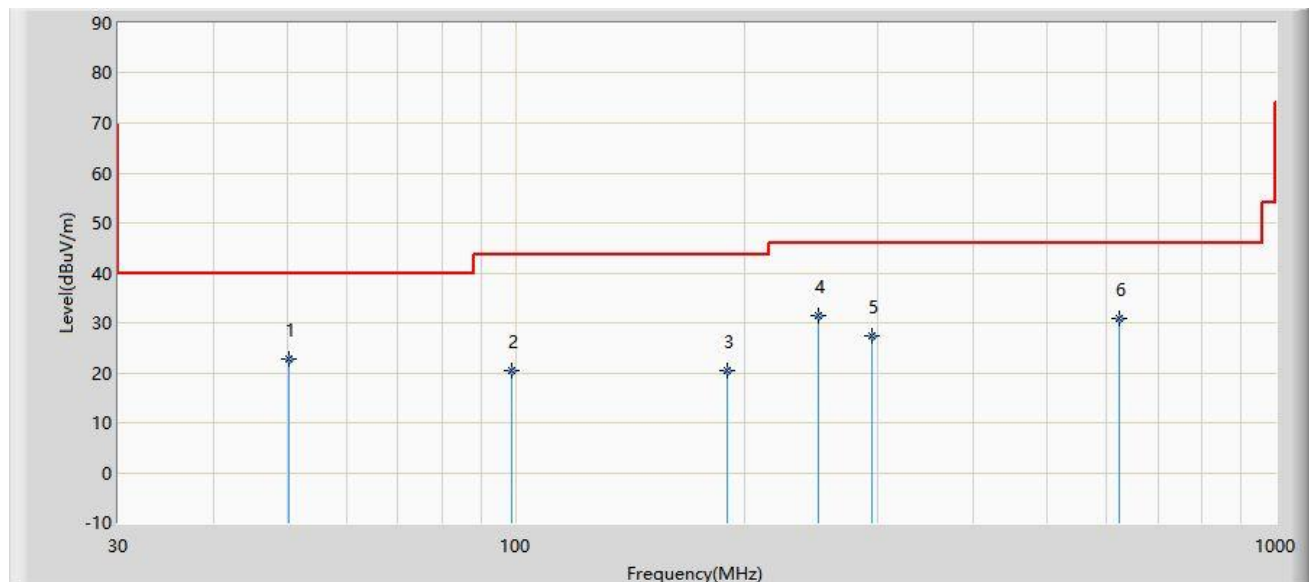
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

Site: WZ-AC2	Time: 2021/02/09
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11a at Channel 5180MHz	



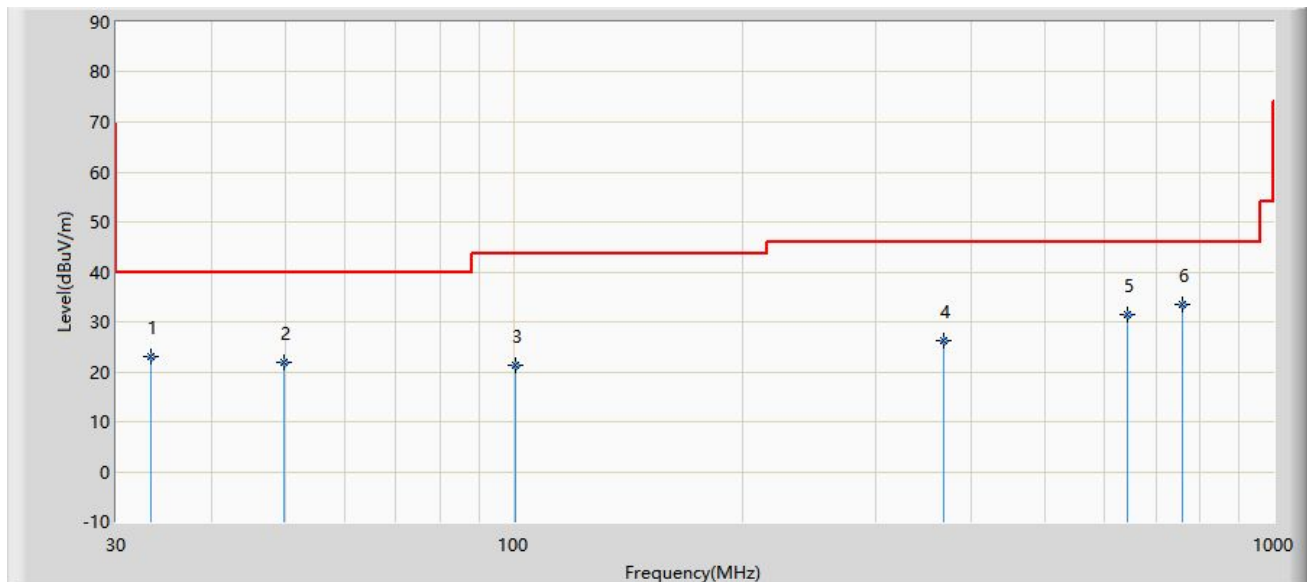
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			50.360	22.893	2.260	-17.107	40.000	20.633	QP
2			98.890	20.429	1.960	-23.071	43.500	18.468	QP
3			190.050	20.562	2.640	-22.938	43.500	17.922	QP
4		*	250.160	31.477	11.490	-14.523	46.000	19.987	QP
5			294.880	27.436	6.560	-18.564	46.000	20.876	QP
6			624.120	30.915	3.650	-15.085	46.000	27.265	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: WZ-AC2	Time: 2021/02/09
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11a at Channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			33.390	23.076	5.460	-16.924	40.000	17.617	QP
2			49.886	22.002	1.390	-17.998	40.000	20.612	QP
3			100.800	21.236	2.650	-22.264	43.500	18.586	QP
4			368.550	26.138	3.710	-19.862	46.000	22.427	QP
5			641.100	31.530	4.060	-14.470	46.000	27.470	QP
6		*	759.960	33.504	3.860	-12.496	46.000	29.644	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Unwanted Emission in 5250MHz~5350MHz Band Result:

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2021/02/24		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	Max Reading Level (dBm)	Limit (dBm)	Result
Ant 0 / Ant 0 + 1						
802.11a	6Mbps	48	5240	-36.13	-14.84	Pass
802.11n-HT20	MCS0	48	5240	-33.31	-16.15	Pass
802.11n-HT40	MCS0	46	5230	-26.61	-16.23	Pass
802.11ac-VHT20	MCS0	48	5240	-34.58	-16.10	Pass
802.11ac-VHT40	MCS0	46	5230	-26.16	-16.47	Pass
802.11ac-VHT80	MCS0	42	5210	-26.09	-17.52	Pass
Ant 1 / Ant 0 + 1						
802.11a	6Mbps	48	5240	-35.38	-14.81	Pass
802.11n-HT20	MCS0	48	5240	-32.92	-15.82	Pass
802.11n-HT40	MCS0	46	5230	-27.56	-16.40	Pass
802.11ac-VHT20	MCS0	48	5240	-31.46	-15.97	Pass
802.11ac-VHT40	MCS0	46	5230	-25.17	-16.39	Pass
802.11ac-VHT80	MCS0	42	5210	-25.20	-17.14	Pass

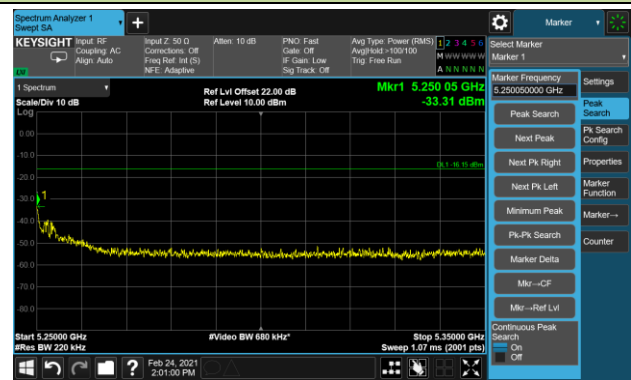
Note: Limit (dBm) = Each antenna port output power (dBm) - 26dB, output power is from ISED UNII-1 (5150-5250MHz).

Result – Ant 0 / Ant 0+1

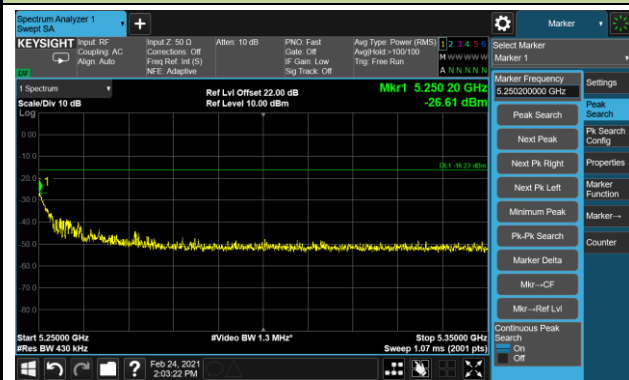
802.11a - Channel 48 (5240MHz)



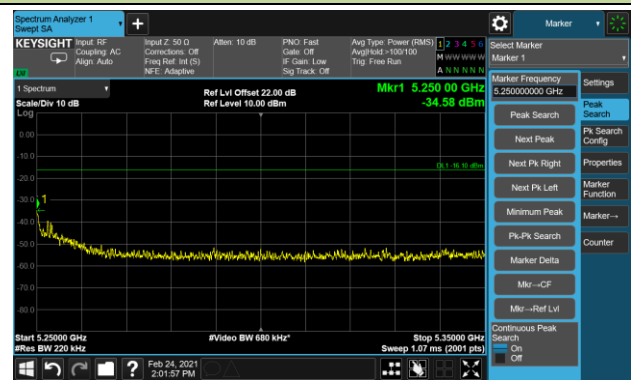
802.11n-HT20 - Channel 48 (5240MHz)



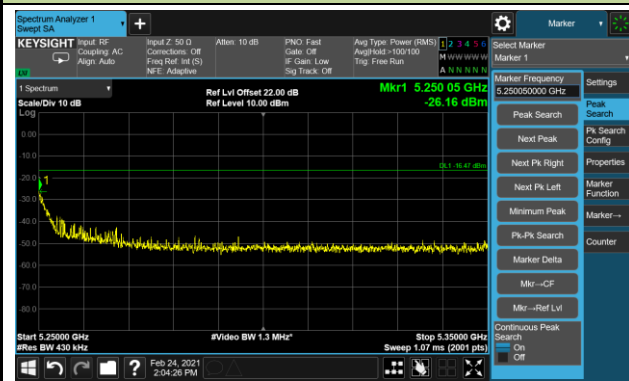
802.11 n-HT40 - Channel 46 (5230MHz)



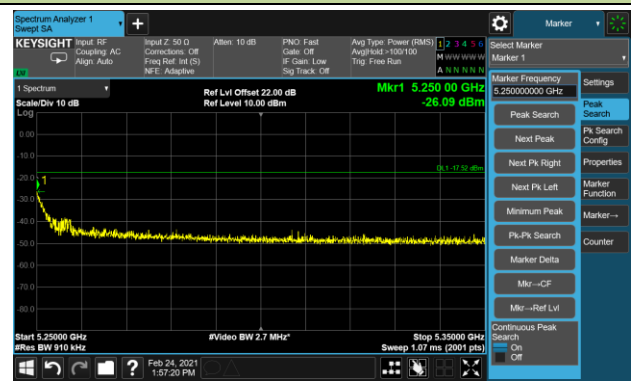
802.11ac-VHT20 - Channel 48 (5240MHz)



802.11ac-VHT40 - Channel 46 (5230MHz)

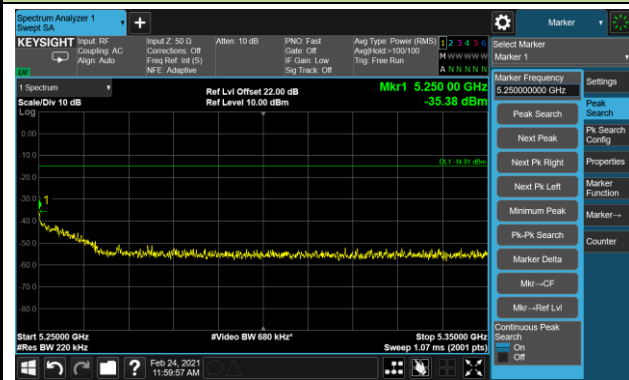


802.11ac-VHT80 - Channel 42 (5210MHz)

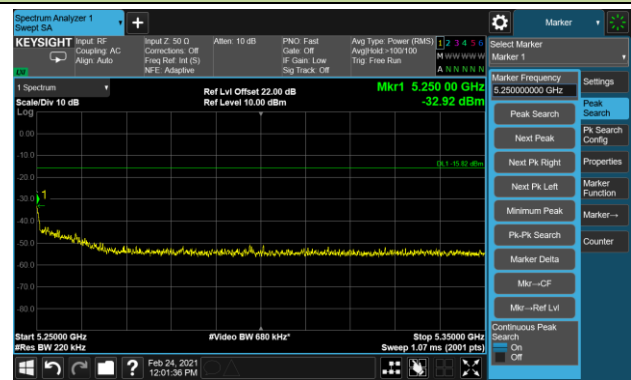


Result – Ant 1 / Ant 0+1

802.11a - Channel 48 (5240MHz)



802.11n-HT20 - Channel 48 (5240MHz)



802.11 n-HT40 - Channel 46 (5230MHz)



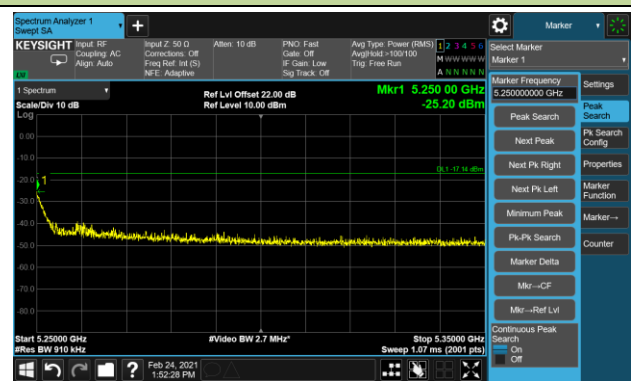
802.11ac-VHT20 - Channel 48 (5240MHz)



802.11ac-VHT40 - Channel 46 (5230MHz)



802.11ac-VHT80 - Channel 42 (5210MHz)



6.9. Radiated Restricted Band Edge Measurement

6.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge

increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For RSS-Gen Section 8.10 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Restricted frequency bands*		
Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090- 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.525225	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125-4.128	167.72 - 173.2	14.47 - 14.5
4.17725-4.17775	240 - 285	15.35 - 16.2
4.20725-4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 -1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 -2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 -13.41	3260 - 3267	
16.42 - 16.423	3332 -3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

Note: *Certain frequency bands listed in Table6 and in bands above 38.6GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to the devices

are set out in the 200- and 300- series of RSSs, such as RSS-210 and RSS-310, which contain the requirements that apply to licence-exempt radio apparatus.

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

- a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [μ V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.9.2. Test Procedure Used

KDB 789033 D02v02r01 – Section G

6.9.3. Test Setting

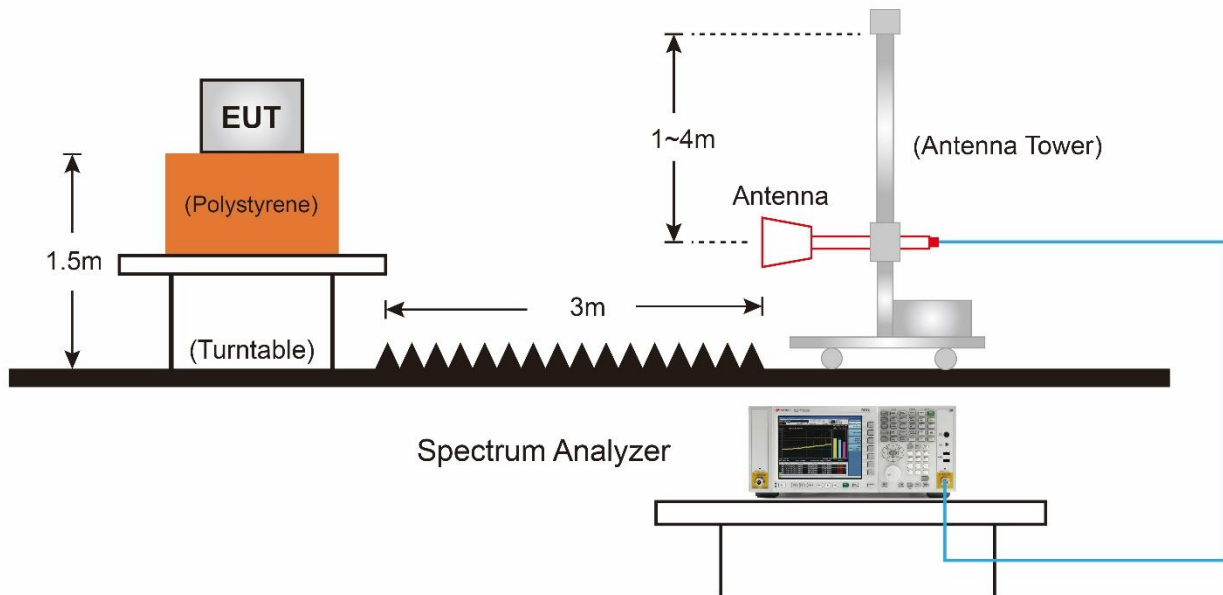
Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

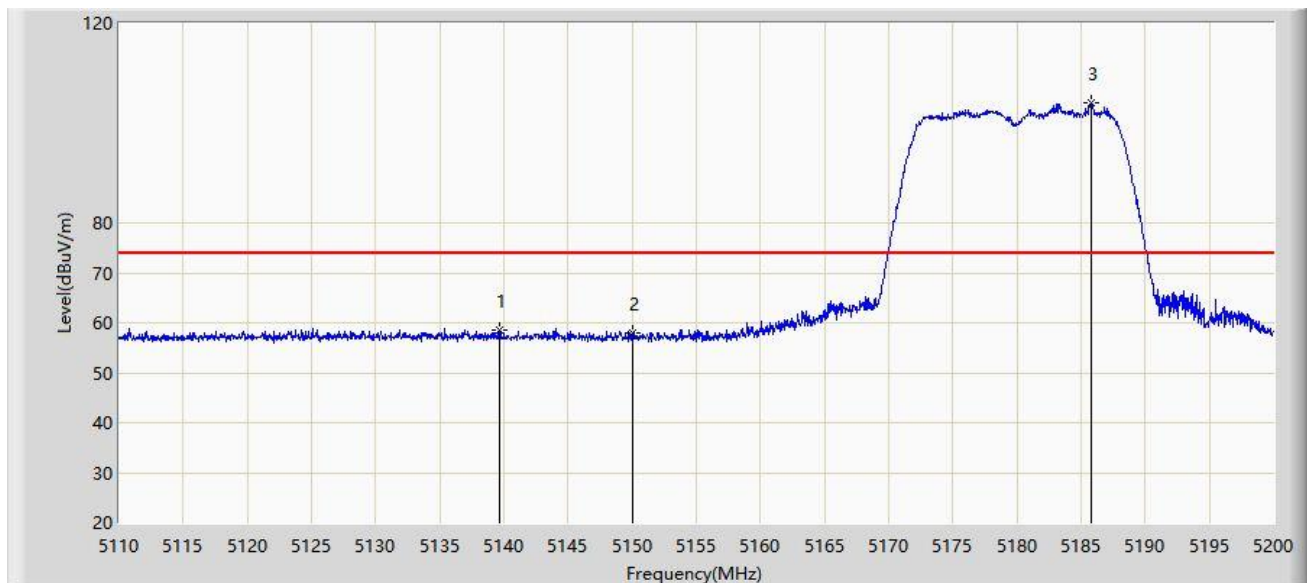
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$
4. Detector = Peak
5. Sweep time = auto
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle.

6.9.4. Test Setup



6.9.5.Test Result

Site: WZ-AC2	Time: 2021/02/19 - 21:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11a at Channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.700	58.495	53.400	-15.505	74.000	5.095	PK
2			5150.000	57.849	52.865	-16.151	74.000	4.984	PK
3		*	5185.780	104.074	99.099	N/A	N/A	4.975	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)