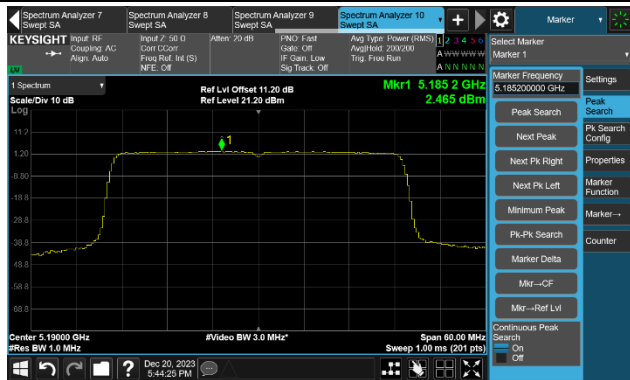## 802.11ax-HE40 Power Spectral Density- Ant 1

Channel 38 (5190MHz)

Channel 46 (5230MHz)
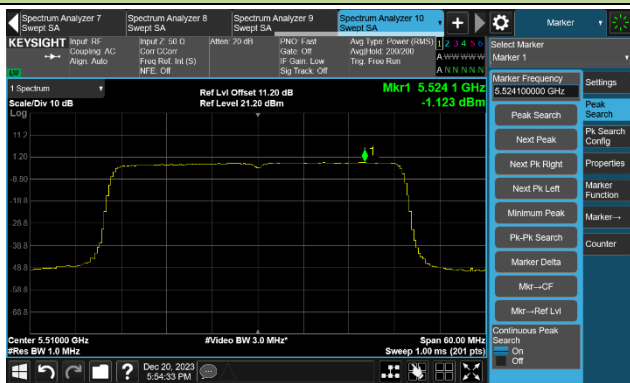

Channel 54 (5270MHz)

Channel 62 (5310MHz)
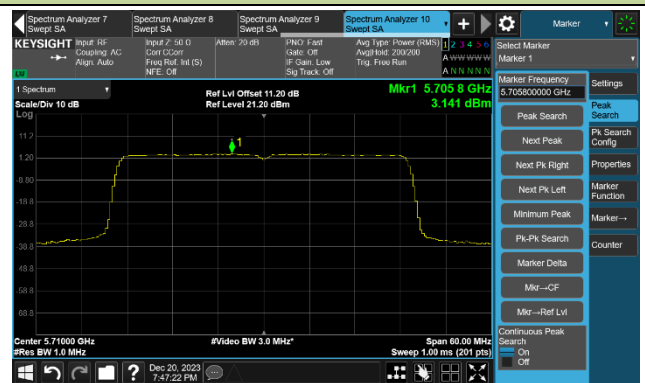

Channel 102 (5510MHz)

Channel 110 (5550MHz)

Channel 134 (5670MHz)

Channel 142 (5710MHz)

802.11ax-HE40 Power Spectral Density- Ant 1

Channel 151 (5755MHz)	Channel 159 (5795MHz)
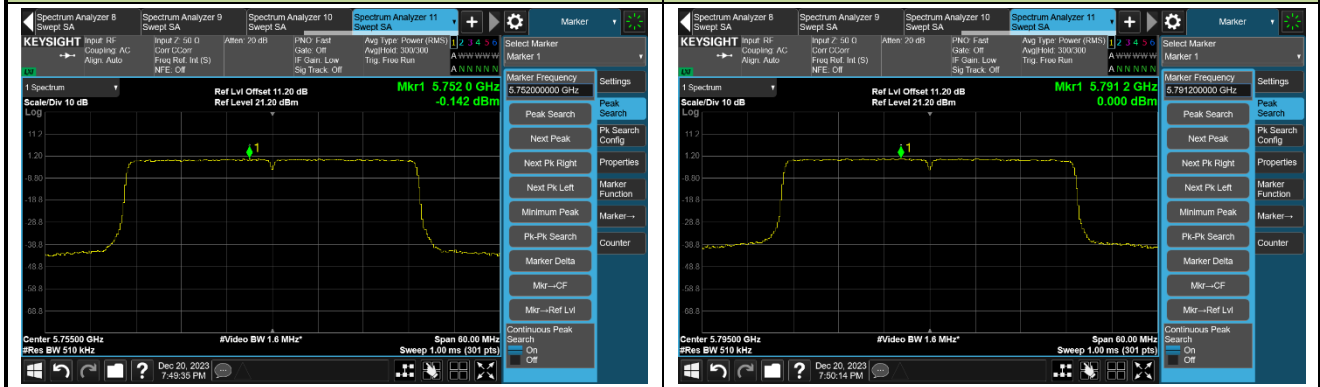
802.11ax-HE80 Power Spectral Density- Ant 1

Channel 42 (5210MHz)

Channel 58 (5290MHz)

Channel 106 (5530MHz)
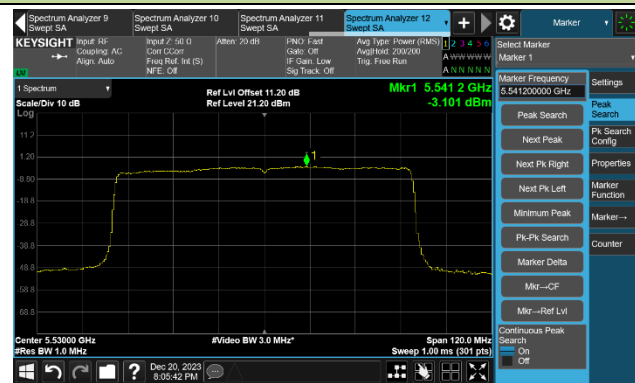
Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (5775MHz)

802.11ax-HE160 Power Spectral Density- Ant 1	
Channel 50 (5250MHz)	**Channel 114 (5570MHz)**
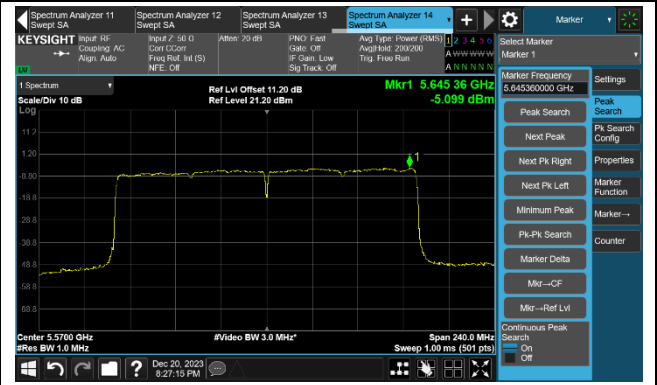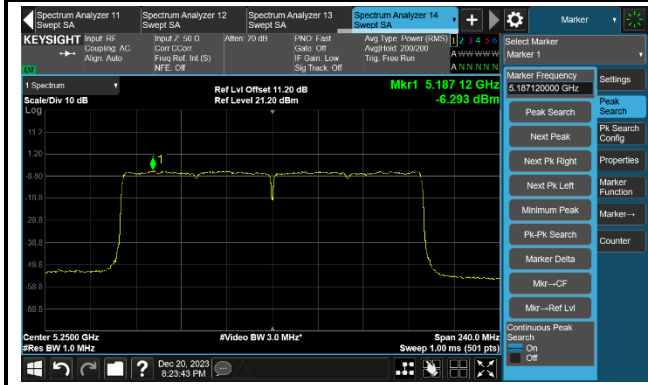
802.11be-EHT20 Power Spectral Density- Ant 1

Channel 36 (5180MHz)

Channel 44 (5220MHz)
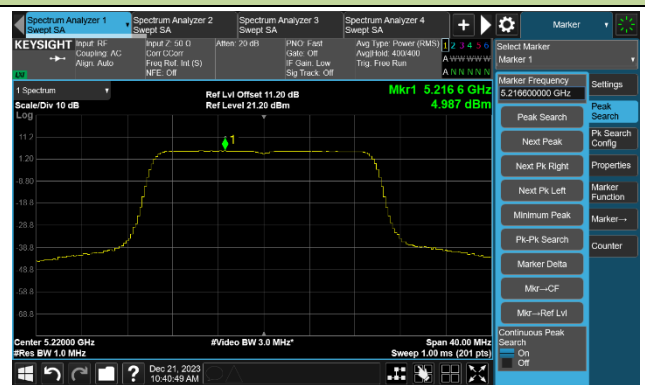
Channel 48 (5240MHz)
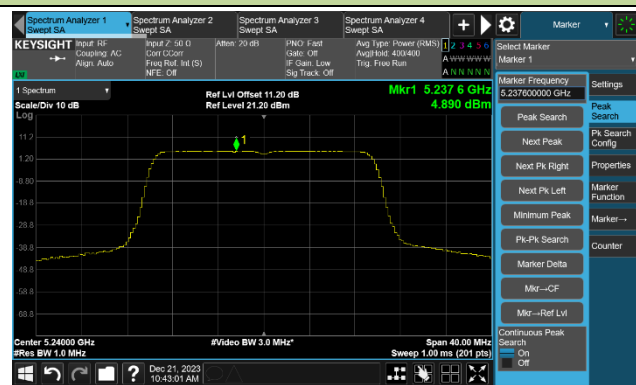
Channel 52 (5260MHz)

Channel 60 (5300MHz)
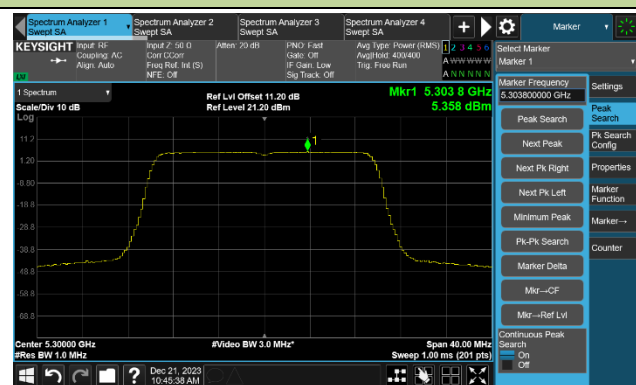
Channel 64 (5320MHz)
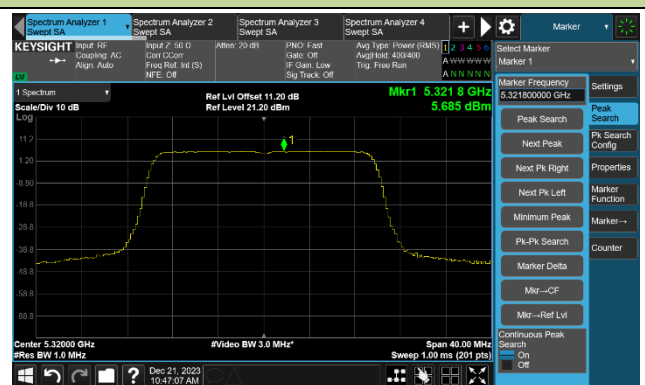
Channel 100 (5500MHz)
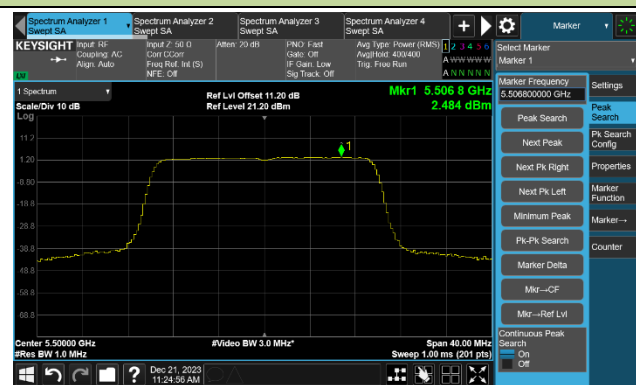
Channel 116 (5580MHz)

802.11be-EHT20 Power Spectral Density- Ant 1	
Channel 140 (5700MHz)	**Channel 144(5720MHz)**
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
Channel 165 (5825MHz)	

802.11be-EHT40 Power Spectral Density- Ant 1
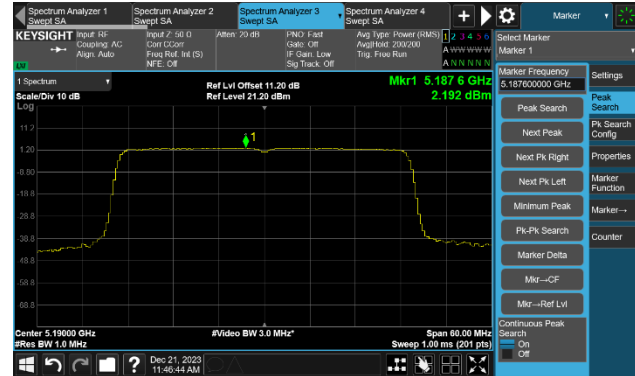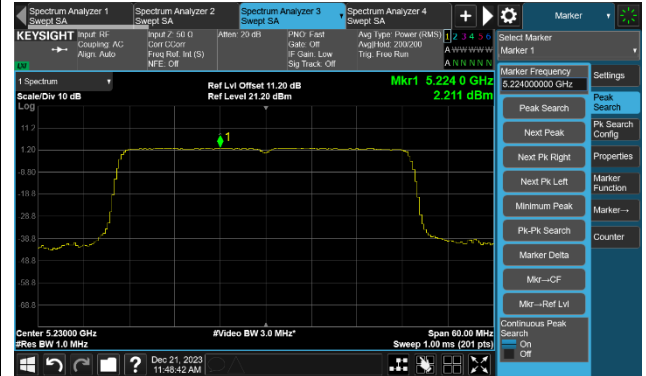
Channel 38 (5190MHz)

Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

### Channel 102 (5510MHz)
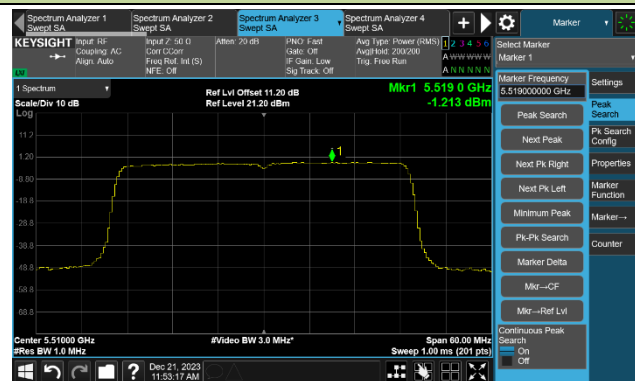
Channel 110 (5550MHz)

Channel 134 (5670MHz)
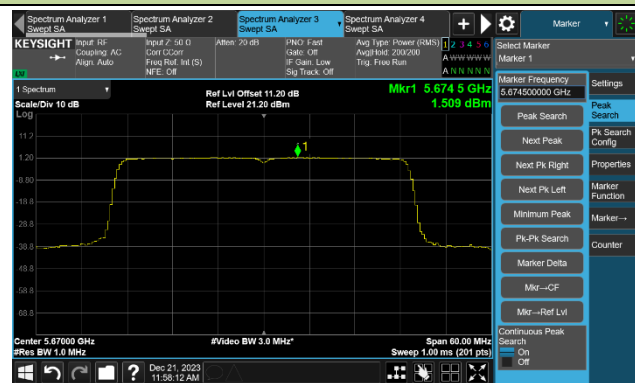
Channel 142(5710MHz)
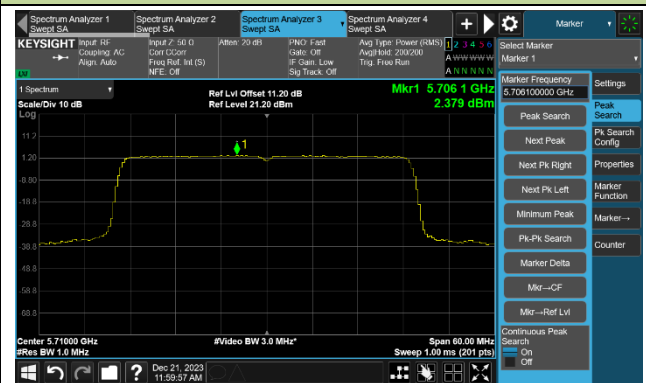
802.11be-EHT40 Power Spectral Density- Ant 1
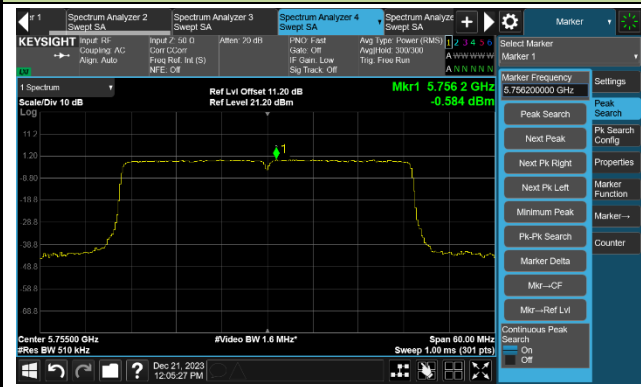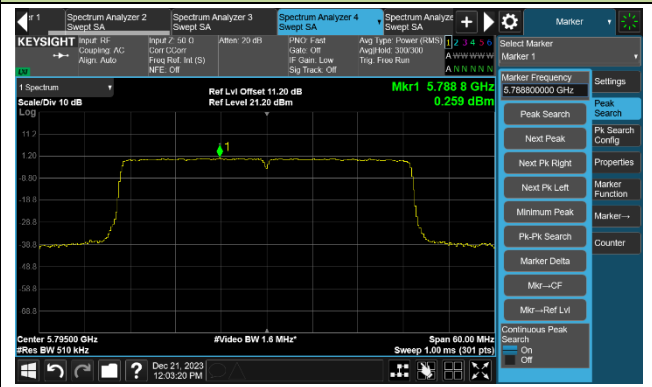
Channel 151 (5755MHz)	Channel 159 (5795MHz)

802.11be-EHT80 Power Spectral Density- Ant 1

Channel 42 (5210MHz)

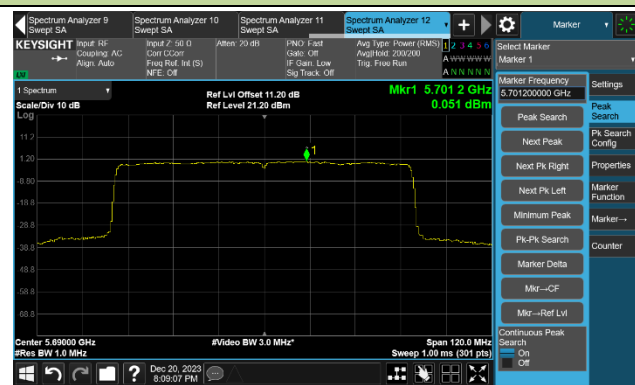### Channel 58 (5290MHz)

Channel 106 (5530MHz)
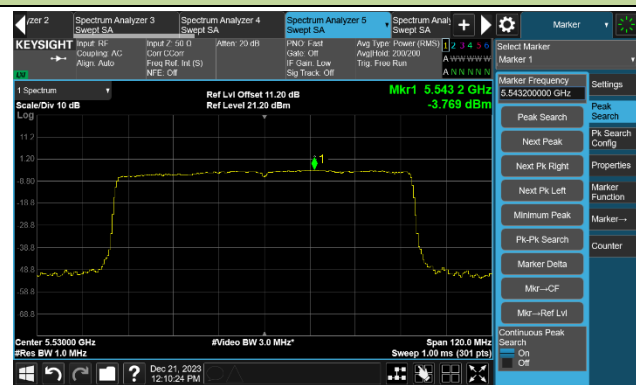
### Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (5775MHz)
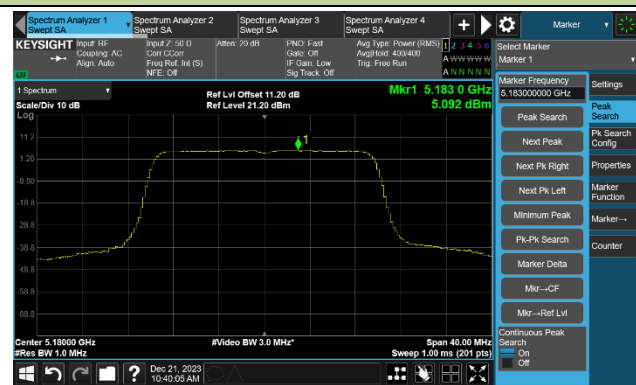
802.11be-EHT160 Power Spectral Density- Ant 1

Channel 50 (5250MHz)	Channel 114 (5570MHz)
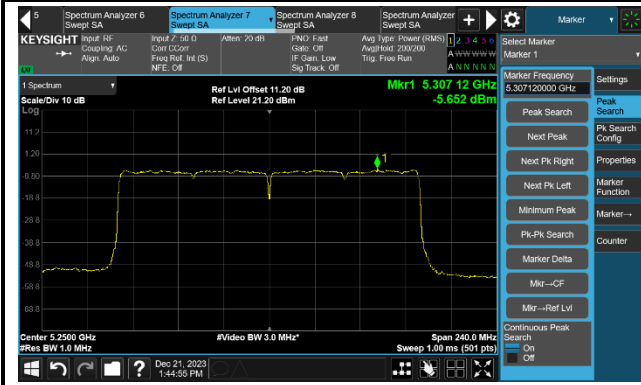
Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-10 ~ 2024-04-11		
Test Item	Power Spectral Density		

Puncturing Mode

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Index Punctured	AVPSD Note 3		Duty Cycle (%)	Total PSD Note 3	PSD Limit Note 3
					Ant 0	Ant 1			
11be-EHT80	MCS0	42	5210	4_242	-1.275	-1.096	92.29	2.174	≤ 16.69
11be-EHT80	MCS0	58	5290	1_242	-0.879	-0.884	92.29	2.477	≤ 10.69
11be-EHT80	MCS0	106	5530	4_242	-3.686	-4.317	92.29	-0.631	≤ 10.69
11be-EHT80	MCS0	122	5610	1_242	-0.429	-0.007	92.29	3.146	≤ 10.69
11be-EHT80	MCS0	138	5690	1_242	0.439	0.139	92.29	3.650	≤ 10.69
11be-EHT80	MCS0	155	5775	4_242	-2.495	-2.901	92.29	0.665	≤ 29.69
11be-EHT160	MCS0	50	5250	1_242	-5.595	-5.926	87.98	-2.191	≤ 10.69 Note2
11be-EHT160	MCS0	50	5250	8_242	-5.313	-6.237	87.98	-2.184	≤ 10.69 Note2
11be-EHT160	MCS0	50	5250	1_484	-5.622	-5.869	87.98	-2.177	≤ 10.69 Note2
11be-EHT160	MCS0	50	5250	4_484	-5.743	-6.147	87.98	-2.374	≤ 10.69 Note2
11be-EHT160	MCS0	114	5570	1_242	-5.987	-6.039	87.98	-2.446	≤ 10.69
11be-EHT160	MCS0	114	5570	8_242	-6.052	-6.016	87.98	-2.468	≤ 10.69
11be-EHT160	MCS0	114	5570	1_484	-5.844	-6.227	87.98	-2.465	≤ 10.69
11be-EHT160	MCS0	114	5570	4_484	-6.042	-6.017	87.98	-2.463	≤ 10.69

Note 1: When EUT duty cycle < 98%, the total PSD = 10*log {10^(Ant 0 AVGPSD/10) + 10^(Ant 1 AVGPSD/10)} +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD = 10*log {10^(Ant 0 AVGPSD/10) + 10^(Ant 1 AVGPSD/10)}.

Note 2: This is a straddle channel, the maximum power density complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

Note 3: The unit is dBm/MHz for channels of NII-1, NII-2A, NII-2C and dBm/500kHz for NII-3.

802.11be-EHT80 Power Spectral Density- Ant 0

Channel 42 (5210MHz) 4_242
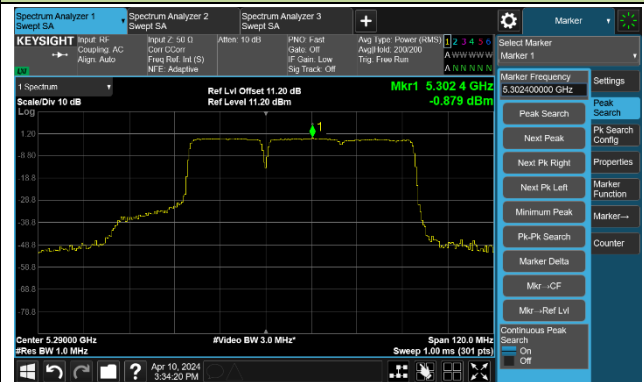
Channel 58 (5290MHz) 1_242

Channel 106 (5530MHz) 4_242

Channel 122 (5610MHz) 1_242
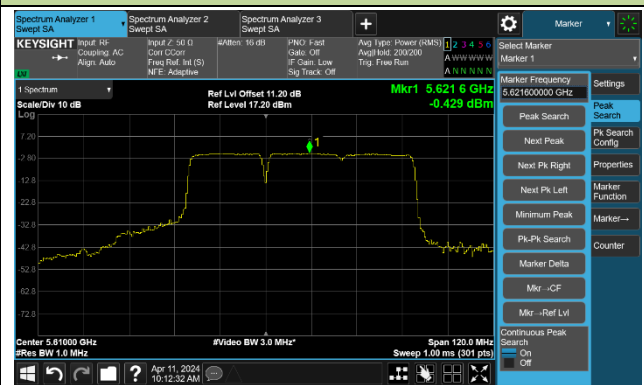
Channel 138 (5690MHz) 1_242
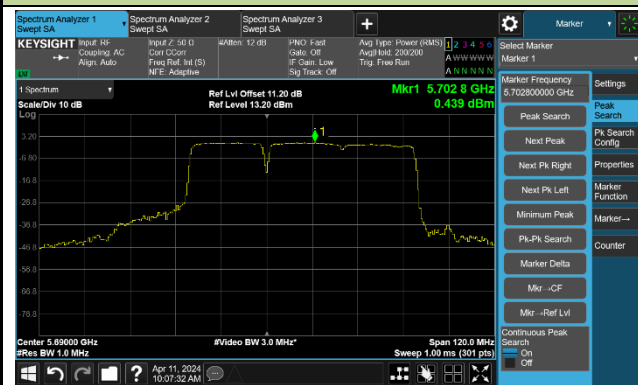
Channel 155 (5775MHz) 4_242
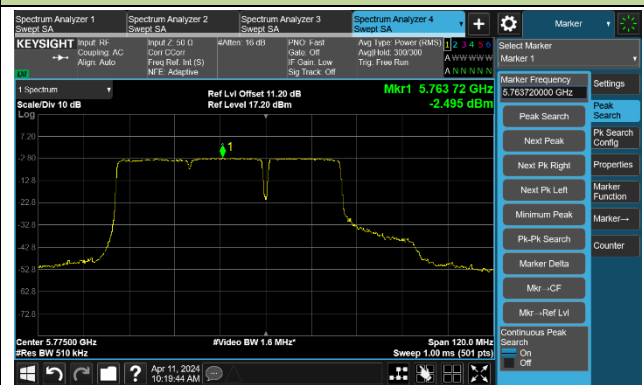
802.11be-EHT160 Power Spectral Density- Ant 0

Channel 50 (5250MHz) 1_242

Channel 50 (5250MHz) 8_242

802.11be-EHT80 Power Spectral Density- Ant 0
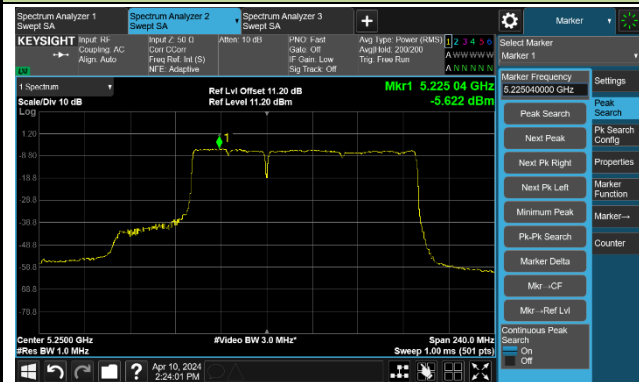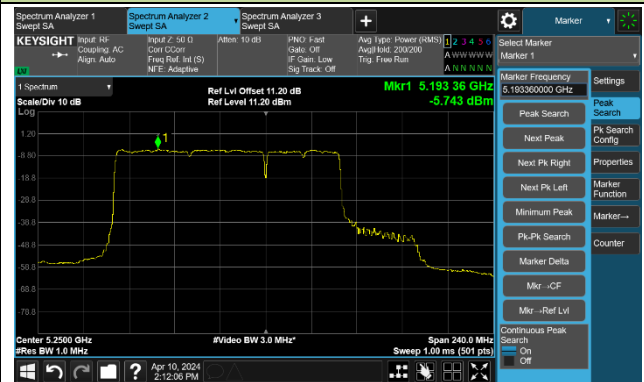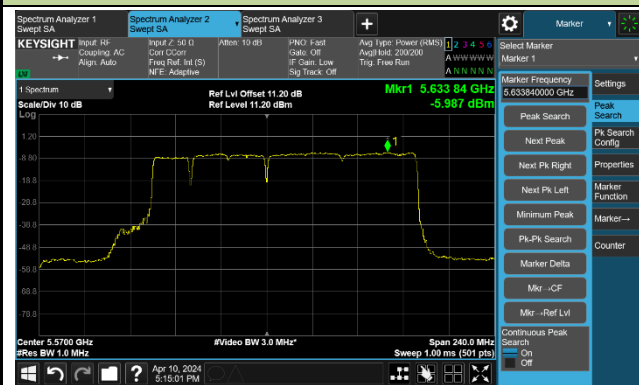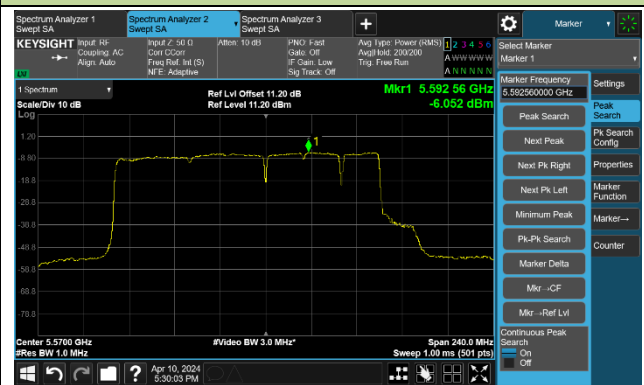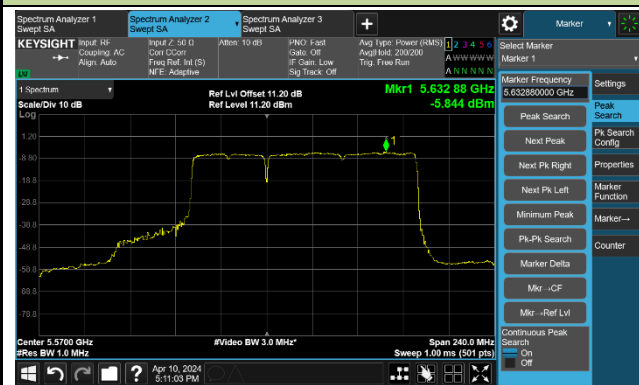
Channel 50 (5250MHz) 1_484	Channel 50 (5250MHz) 4_484
Channel 114 (5570MHz) 1_242	**Channel 114 (5570MHz) 8_242**
Channel 114 (5570MHz) 1_484	**Channel 114 (5570MHz) 4_484**

802.11be-EHT80 Power Spectral Density- Ant 1

Channel 42 (5210MHz) 4_242

Channel 58 (5290MHz) 1_242

Channel 106 (5530MHz) 4_242

Channel 122 (5610MHz) 1_242

Channel 138 (5690MHz) 1_242
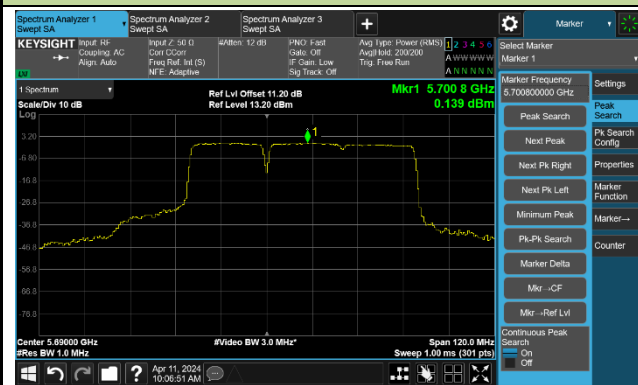
Channel 155 (5775MHz) 4_242
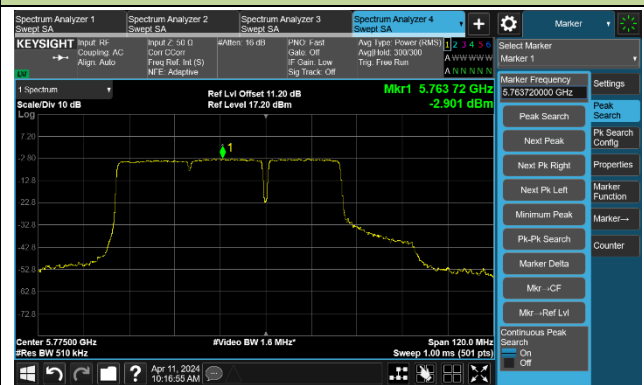
802.11be-EHT160 Power Spectral Density- Ant 1

Channel 50 (5250MHz) 1_242

Channel 50 (5250MHz) 8_242

802.11be-EHT80 Power Spectral Density- Ant 1

Channel 50 (5250MHz) 1_484
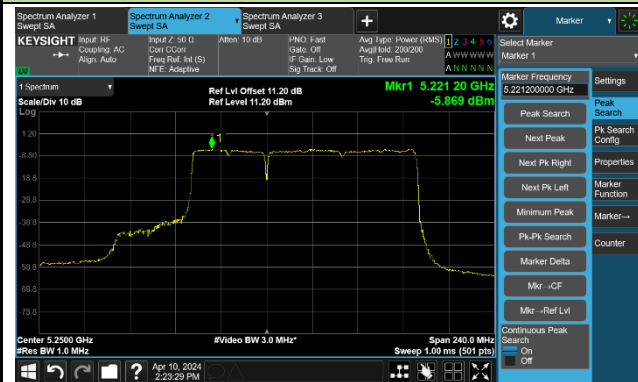
Channel 50 (5250MHz) 4_484

Channel 114 (5570MHz) 1_242
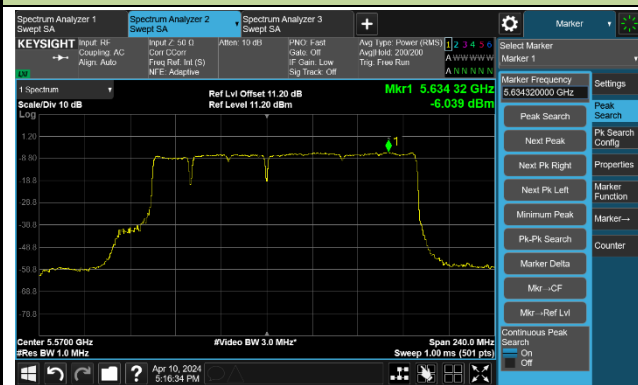
Channel 114 (5570MHz) 8_242

Channel 114 (5570MHz) 1_484
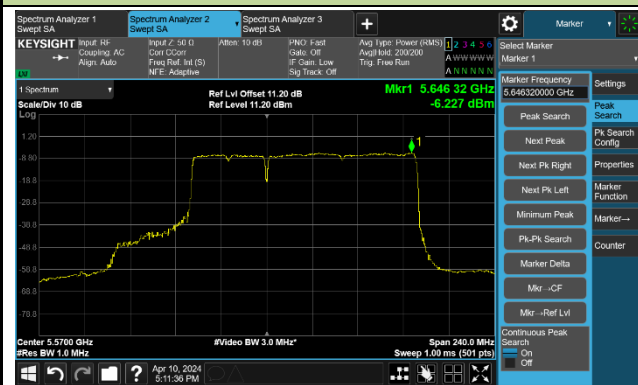
Channel 114 (5570MHz) 4_484

A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2023-12-28	Test Mode	5180MHz (Carrier Mode)

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(VAC)	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	17.63	17.61	17.60	17.57
		- 20	16.62	16.65	16.68	16.71
		- 10	14.06	14.14	14.21	14.32
		0	10.53	10.56	10.59	10.63
		+ 10	8.12	8.18	8.27	8.34
		+ 20	5.81	5.84	5.86	5.89
		+ 30	0.95	0.99	1.01	1.06
		+ 40	0.77	0.76	0.76	0.76
		+ 50	2.94	2.41	2.32	2.25
115	138	+ 20	2.67	3.20	3.68	3.84
85	102	+ 20	4.21	4.28	4.34	4.46

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

A.7 Radiated Spurious Emission Test Result

ANT 311# Normal Mode:

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	32.8	12.2	45.0	74.0	-29.0	Peak	Horizontal
*	9865.5	32.9	13.5	46.4	68.2	-21.8	Peak	Horizontal
	10928.0	31.3	16.7	48.0	74.0	-26.0	Peak	Horizontal
*	14234.5	31.1	20.0	51.1	68.2	-17.1	Peak	Horizontal
	7519.5	32.5	11.8	44.3	74.0	-29.7	Peak	Vertical
*	10205.5	32.7	14.3	47.0	68.2	-21.2	Peak	Vertical
	11055.5	32.6	16.3	48.9	74.0	-25.1	Peak	Vertical
*	14039.0	31.4	19.9	51.3	68.2	-16.9	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7460.0	31.6	12.2	43.8	74.0	-30.2	Peak	Horizontal
*	9678.5	33.1	13.5	46.6	68.2	-21.6	Peak	Horizontal
	11183.0	31.3	17.0	48.3	74.0	-25.7	Peak	Horizontal
*	14064.5	30.9	19.8	50.7	68.2	-17.5	Peak	Horizontal
	7468.5	32.2	12.1	44.3	74.0	-29.7	Peak	Vertical
*	9593.5	33.4	13.3	46.7	68.2	-21.5	Peak	Vertical
	11574.0	31.5	17.7	49.2	74.0	-24.8	Peak	Vertical
*	14192.0	32.7	19.9	52.6	68.2	-15.6	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8097.5	32.9	12.0	44.9	74.0	-29.1	Peak	Horizontal
*	9899.5	33.0	13.6	46.6	68.2	-21.6	Peak	Horizontal
	11429.5	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
*	14455.5	32.5	20.3	52.8	68.2	-15.4	Peak	Horizontal
	7732.0	33.1	11.1	44.2	74.0	-29.8	Peak	Vertical
*	9942.0	33.0	13.8	46.8	68.2	-21.4	Peak	Vertical
	11378.5	30.7	17.3	48.0	74.0	-26.0	Peak	Vertical
*	14268.5	33.0	19.8	52.8	68.2	-15.4	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7443.0	31.8	12.1	43.9	74.0	-30.1	Peak	Horizontal
*	9619.0	33.9	13.2	47.1	68.2	-21.1	Peak	Horizontal
	11557.0	31.1	17.9	49.0	74.0	-25.0	Peak	Horizontal
*	14430.0	32.3	20.1	52.4	68.2	-15.8	Peak	Horizontal
	8106.0	32.4	12.1	44.5	74.0	-29.5	Peak	Vertical
*	9848.5	33.4	13.5	46.9	68.2	-21.3	Peak	Vertical
	11565.5	30.5	17.8	48.3	74.0	-25.7	Peak	Vertical
*	14447.0	32.3	20.4	52.7	68.2	-15.5	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7451.5	31.8	12.2	44.0	74.0	-30.0	Peak	Horizontal
*	10452.0	32.4	15.4	47.8	68.2	-20.4	Peak	Horizontal
	11642.0	31.2	17.9	49.1	74.0	-24.9	Peak	Horizontal
*	14421.5	32.1	19.9	52.0	68.2	-16.2	Peak	Horizontal
	7307.0	32.5	11.5	44.0	74.0	-30.0	Peak	Vertical
*	10188.5	32.8	14.3	47.1	68.2	-21.1	Peak	Vertical
	11506.0	31.6	17.4	49.0	74.0	-25.0	Peak	Vertical
*	14319.5	31.7	20.0	51.7	68.2	-16.5	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7375.0	33.2	11.6	44.8	74.0	-29.2	Peak	Horizontal
*	10324.5	32.3	15.1	47.4	68.2	-20.8	Peak	Horizontal
	11591.0	31.6	17.3	48.9	74.0	-25.1	Peak	Horizontal
*	14328.0	31.5	20.2	51.7	68.2	-16.5	Peak	Horizontal
	7536.5	31.7	11.9	43.6	74.0	-30.4	Peak	Vertical
*	10052.5	33.5	13.8	47.3	68.2	-20.9	Peak	Vertical
	11812.0	30.7	17.7	48.4	74.0	-25.6	Peak	Vertical
*	14328.0	31.5	20.2	51.7	68.2	-16.5	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7689.5	33.4	11.2	44.6	74.0	-29.4	Peak	Horizontal
*	10231.0	33.4	14.2	47.6	68.2	-20.6	Peak	Horizontal
	11548.5	32.4	17.7	50.1	74.0	-23.9	Peak	Horizontal
*	13954.0	32.4	19.6	52.0	68.2	-16.2	Peak	Horizontal
	7477.0	31.8	12.1	43.9	74.0	-30.1	Peak	Vertical
*	9253.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
	11565.5	30.8	17.8	48.6	74.0	-25.4	Peak	Vertical
*	14319.5	32.1	20.0	52.1	68.2	-16.1	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7502.5	32.3	12.0	44.3	74.0	-29.7	Peak	Horizontal
*	10443.5	32.8	15.5	48.3	68.2	-19.9	Peak	Horizontal
	11693.0	32.5	17.3	49.8	74.0	-24.2	Peak	Horizontal
*	14098.5	31.9	19.8	51.7	68.2	-16.5	Peak	Horizontal
	7655.5	32.6	11.3	43.9	74.0	-30.1	Peak	Vertical
*	9882.5	32.8	13.6	46.4	68.2	-21.8	Peak	Vertical
	11735.5	31.5	17.7	49.2	74.0	-24.8	Peak	Vertical
*	14362.0	31.7	20.2	51.9	68.2	-16.3	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7426.0	32.6	11.8	44.4	74.0	-29.6	Peak	Horizontal
*	9831.5	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
	11565.5	32.2	17.8	50.0	74.0	-24.0	Peak	Horizontal
*	14056.0	30.7	20.0	50.7	68.2	-17.5	Peak	Horizontal
	7664.0	33.3	11.3	44.6	74.0	-29.4	Peak	Vertical
*	9695.5	33.2	13.5	46.7	68.2	-21.5	Peak	Vertical
	11854.5	31.7	17.2	48.9	74.0	-25.1	Peak	Vertical
*	14302.5	32.7	19.9	52.6	68.2	-15.6	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7613.0	32.4	11.8	44.2	74.0	-29.8	Peak	Horizontal
*	8012.5	34.4	11.9	46.3	68.2	-21.9	Peak	Horizontal
*	10443.5	32.4	15.5	47.9	68.2	-20.3	Peak	Horizontal
	12169.0	32.0	17.4	49.4	74.0	-24.6	Peak	Horizontal
	8165.5	33.9	11.5	45.4	74.0	-28.6	Peak	Vertical
*	9891.0	33.2	13.7	46.9	68.2	-21.3	Peak	Vertical
	11540.0	31.5	17.6	49.1	74.0	-24.9	Peak	Vertical
*	14081.5	31.3	19.5	50.8	68.2	-17.4	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7332.5	33.0	11.4	44.4	74.0	-29.6	Peak	Horizontal
*	9806.0	32.8	13.8	46.6	68.2	-21.6	Peak	Horizontal
	10911.0	31.6	16.6	48.2	74.0	-25.8	Peak	Horizontal
*	14906.0	33.1	19.3	52.4	68.2	-15.8	Peak	Horizontal
	9007.0	33.6	13.3	46.9	74.0	-27.1	Peak	Vertical
*	10273.5	33.1	14.7	47.8	68.2	-20.4	Peak	Vertical
	11548.5	31.8	17.7	49.5	74.0	-24.5	Peak	Vertical
*	14404.5	32.7	19.8	52.5	68.2	-15.7	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7392.0	31.9	11.8	43.7	74.0	-30.3	Peak	Horizontal
*	10520.0	32.6	15.4	48.0	68.2	-20.2	Peak	Horizontal
	11480.5	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
*	14047.5	31.7	20.0	51.7	68.2	-16.5	Peak	Horizontal
	7715.0	33.7	11.2	44.9	74.0	-29.1	Peak	Vertical
*	9942.0	34.1	13.8	47.9	68.2	-20.3	Peak	Vertical
	11548.5	31.8	17.7	49.5	74.0	-24.5	Peak	Vertical
*	14183.5	32.5	19.9	52.4	68.2	-15.8	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7698.0	32.8	11.2	44.0	74.0	-30.0	Peak	Horizontal
*	9687.0	33.2	13.5	46.7	68.2	-21.5	Peak	Horizontal
	11548.5	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
*	14192.0	31.6	19.9	51.5	68.2	-16.7	Peak	Horizontal
	7426.0	32.9	11.8	44.7	74.0	-29.3	Peak	Vertical
*	9704.0	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
	10919.5	31.6	16.7	48.3	74.0	-25.7	Peak	Vertical
*	14880.5	32.5	19.1	51.6	68.2	-16.6	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8250.5	32.3	11.0	43.3	74.0	-30.7	Peak	Horizontal
*	10486.0	32.3	15.4	47.7	68.2	-20.5	Peak	Horizontal
	11548.5	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	12747.0	31.9	17.0	48.9	68.2	-19.3	Peak	Horizontal
	8412.0	32.9	11.4	44.3	74.0	-29.7	Peak	Vertical
	11922.5	32.8	17.1	49.9	74.0	-24.1	Peak	Vertical
*	13665.0	30.5	18.6	49.1	68.2	-19.1	Peak	Vertical
*	14413.0	32.3	19.7	52.0	68.2	-16.2	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	7460.0	32.5	12.2	44.7	74.0	-29.3	Peak	Horizontal
*	10129.0	32.9	14.2	47.1	68.2	-21.1	Peak	Horizontal
	11574.0	31.8	17.7	49.5	74.0	-24.5	Peak	Horizontal
*	14455.5	32.1	20.3	52.4	68.2	-15.8	Peak	Horizontal
	8089.0	33.3	11.8	45.1	74.0	-28.9	Peak	Vertical
*	9789.0	33.4	13.6	47.0	68.2	-21.2	Peak	Vertical
	11514.5	31.7	17.3	49.0	74.0	-25.0	Peak	Vertical
*	13971.0	30.9	19.3	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8106.0	31.7	12.1	43.8	74.0	-30.2	Peak	Horizontal
*	9789.0	32.4	13.6	46.0	68.2	-22.2	Peak	Horizontal
	10902.5	32.3	16.6	48.9	74.0	-25.1	Peak	Horizontal
*	14438.5	32.5	20.2	52.7	68.2	-15.5	Peak	Horizontal
*	8658.5	31.8	12.5	44.3	68.2	-23.9	Peak	Vertical
*	10120.5	32.8	14.1	46.9	68.2	-21.3	Peak	Vertical
	11710.0	31.5	17.8	49.3	74.0	-24.7	Peak	Vertical
	14472.5	32.9	19.9	52.8	74.0	-21.2	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8123.0	33.3	12.0	45.3	74.0	-28.7	Peak	Horizontal
	11327.5	31.8	17.4	49.2	74.0	-24.8	Peak	Horizontal
*	13673.5	31.7	18.5	50.2	68.2	-18.0	Peak	Horizontal
*	14319.5	32.0	20.0	52.0	68.2	-16.2	Peak	Horizontal
	8174.0	32.1	11.5	43.6	74.0	-30.4	Peak	Vertical
*	9661.5	33.5	13.5	47.0	68.2	-21.2	Peak	Vertical
	11650.5	31.9	17.8	49.7	74.0	-24.3	Peak	Vertical
*	14455.5	32.0	20.3	52.3	68.2	-15.9	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8293.0	31.8	11.0	42.8	74.0	-31.2	Peak	Horizontal
*	8692.5	30.7	12.6	43.3	68.2	-24.9	Peak	Horizontal
	11710.0	31.6	17.8	49.4	74.0	-24.6	Peak	Horizontal
*	14370.5	32.4	20.2	52.6	68.2	-15.6	Peak	Horizontal
	8165.5	33.5	11.5	45.0	74.0	-29.0	Peak	Vertical
	10885.5	32.9	16.3	49.2	74.0	-24.8	Peak	Vertical
*	13639.5	31.5	19.1	50.6	68.2	-17.6	Peak	Vertical
*	14345.0	33.0	20.2	53.2	68.2	-15.0	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8089.0	34.4	11.8	46.2	74.0	-27.8	Peak	Horizontal
*	9797.5	34.2	13.7	47.9	68.2	-20.3	Peak	Horizontal
	11472.0	32.8	17.5	50.3	74.0	-23.7	Peak	Horizontal
*	13792.5	31.3	18.8	50.1	68.2	-18.1	Peak	Horizontal
	8242.0	31.2	11.0	42.2	74.0	-31.8	Peak	Vertical
*	10299.0	32.2	14.9	47.1	68.2	-21.1	Peak	Vertical
	11871.5	32.0	17.3	49.3	74.0	-24.7	Peak	Vertical
*	14464.0	32.0	20.2	52.2	68.2	-16.0	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7409.0	31.3	11.7	43.0	74.0	-31.0	Peak	Horizontal
*	9865.5	33.1	13.5	46.6	68.2	-21.6	Peak	Horizontal
	11506.0	32.9	17.4	50.3	74.0	-23.7	Peak	Horizontal
*	14362.0	31.8	20.2	52.0	68.2	-16.2	Peak	Horizontal
*	9933.5	32.3	13.8	46.1	68.2	-22.1	Peak	Vertical
	11582.5	31.7	17.5	49.2	74.0	-24.8	Peak	Vertical
*	13886.0	30.5	19.4	49.9	68.2	-18.3	Peak	Vertical
	14472.5	32.4	19.9	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8259.0	31.9	11.1	43.0	74.0	-31.0	Peak	Horizontal
	11268.0	31.5	17.0	48.5	74.0	-25.5	Peak	Horizontal
*	13801.0	29.6	18.7	48.3	68.2	-19.9	Peak	Horizontal
*	14379.0	31.9	20.1	52.0	68.2	-16.2	Peak	Horizontal
	8403.5	32.0	11.5	43.5	74.0	-30.5	Peak	Vertical
	11565.5	32.4	17.8	50.2	74.0	-23.8	Peak	Vertical
*	13665.0	30.4	18.6	49.0	68.2	-19.2	Peak	Vertical
*	14455.5	32.1	20.3	52.4	68.2	-15.8	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8174.0	32.8	11.5	44.3	74.0	-29.7	Peak	Horizontal
*	10256.5	32.9	14.5	47.4	68.2	-20.8	Peak	Horizontal
	11540.0	33.0	17.6	50.6	74.0	-23.4	Peak	Horizontal
*	14209.0	32.2	19.8	52.0	68.2	-16.2	Peak	Horizontal
	7451.5	32.1	12.2	44.3	74.0	-29.7	Peak	Vertical
	11480.5	32.6	17.6	50.2	74.0	-23.8	Peak	Vertical
*	13546.0	29.3	19.1	48.4	68.2	-19.8	Peak	Vertical
*	14421.5	32.7	19.9	52.6	68.2	-15.6	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8191.0	34.3	11.5	45.8	74.0	-28.2	Peak	Horizontal
*	9780.5	34.0	13.6	47.6	68.2	-20.6	Peak	Horizontal
	11336.0	31.5	17.4	48.9	74.0	-25.1	Peak	Horizontal
*	14421.5	32.5	19.9	52.4	68.2	-15.8	Peak	Horizontal
	8412.0	33.7	11.4	45.1	74.0	-28.9	Peak	Vertical
*	9797.5	33.4	13.7	47.1	68.2	-21.1	Peak	Vertical
	11310.5	31.6	17.3	48.9	74.0	-25.1	Peak	Vertical
*	14455.5	32.1	20.3	52.4	68.2	-15.8	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8208.0	32.4	11.3	43.7	74.0	-30.3	Peak	Horizontal
*	10205.5	32.9	14.3	47.2	68.2	-21.0	Peak	Horizontal
	11565.5	31.4	17.8	49.2	74.0	-24.8	Peak	Horizontal
*	14345.0	31.4	20.2	51.6	68.2	-16.6	Peak	Horizontal
	8327.0	30.7	11.0	41.7	74.0	-32.3	Peak	Vertical
*	10052.5	32.1	13.8	45.9	68.2	-22.3	Peak	Vertical
	11489.0	31.7	17.7	49.4	74.0	-24.6	Peak	Vertical
*	14438.5	31.6	20.2	51.8	68.2	-16.4	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	33.3	11.4	44.7	74.0	-29.3	Peak	Horizontal
*	9865.5	33.4	13.5	46.9	68.2	-21.3	Peak	Horizontal
	11667.5	31.4	17.5	48.9	74.0	-25.1	Peak	Horizontal
*	14370.5	31.8	20.2	52.0	68.2	-16.2	Peak	Horizontal
	8352.5	33.2	11.1	44.3	74.0	-29.7	Peak	Vertical
*	10035.5	33.9	13.9	47.8	68.2	-20.4	Peak	Vertical
	11489.0	31.8	17.7	49.5	74.0	-24.5	Peak	Vertical
*	14523.5	32.8	19.9	52.7	68.2	-15.5	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/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8123.0	32.9	12.0	44.9	74.0	-29.1	Peak	Horizontal
*	10112.0	32.4	14.0	46.4	68.2	-21.8	Peak	Horizontal
	11591.0	31.9	17.3	49.2	74.0	-24.8	Peak	Horizontal
*	14447.0	32.5	20.4	52.9	68.2	-15.3	Peak	Horizontal
	8182.5	33.2	11.5	44.7	74.0	-29.3	Peak	Vertical
*	10035.5	32.7	13.9	46.6	68.2	-21.6	Peak	Vertical
	11242.5	31.9	17.1	49.0	74.0	-25.0	Peak	Vertical
*	14404.5	33.3	19.8	53.1	68.2	-15.1	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8327.0	32.7	11.0	43.7	74.0	-30.3	Peak	Horizontal
*	10061.0	33.4	13.7	47.1	68.2	-21.1	Peak	Horizontal
	11642.0	31.7	17.9	49.6	74.0	-24.4	Peak	Horizontal
*	14438.5	32.7	20.2	52.9	68.2	-15.3	Peak	Horizontal
	9049.5	30.2	13.1	43.3	74.0	-30.7	Peak	Vertical
*	10316.0	32.1	14.9	47.0	68.2	-21.2	Peak	Vertical
	11472.0	32.2	17.5	49.7	74.0	-24.3	Peak	Vertical
*	14846.5	32.4	19.7	52.1	68.2	-16.1	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/m)

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

Test Site	WZ-AC2		Test Engineer	Bob Zhang
Test Date	2024-01-03 ~ 2024-01-07		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8055.0	32.4	12.0	44.4	74.0	-29.6	Peak	Horizontal
*	10095.0	33.3	13.8	47.1	68.2	-21.1	Peak	Horizontal
	11489.0	31.5	17.7	49.2	74.0	-24.8	Peak	Horizontal
*	14404.5	32.6	19.8	52.4	68.2	-15.8	Peak	Horizontal
	8131.5	32.7	11.9	44.6	74.0	-29.4	Peak	Vertical
*	10188.5	32.6	14.3	46.9	68.2	-21.3	Peak	Vertical
	11497.5	31.5	17.6	49.1	74.0	-24.9	Peak	Vertical
*	14183.5	31.9	19.9	51.8	68.2	-16.4	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/m)

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