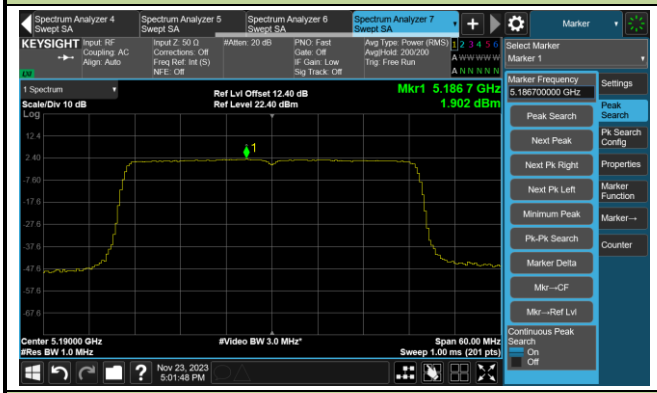
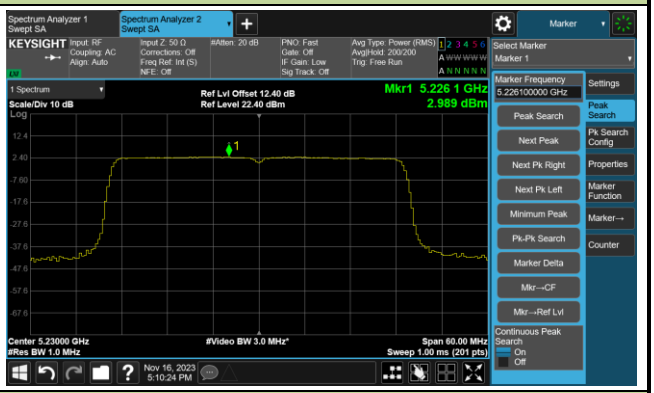
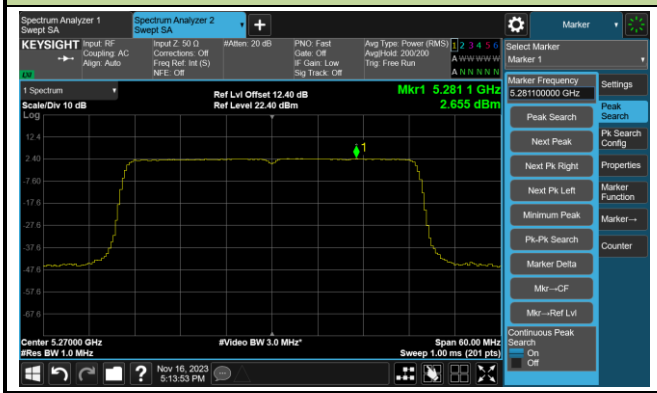
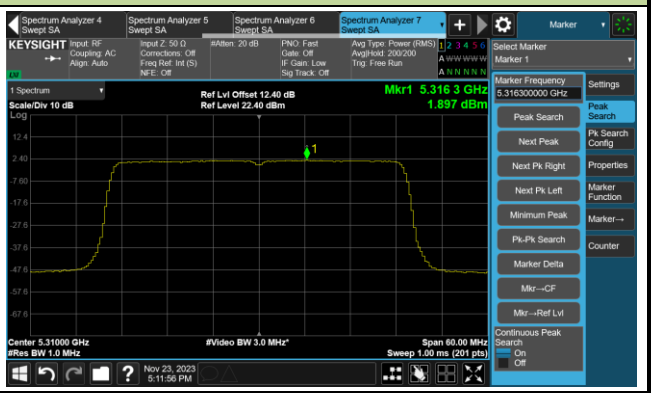
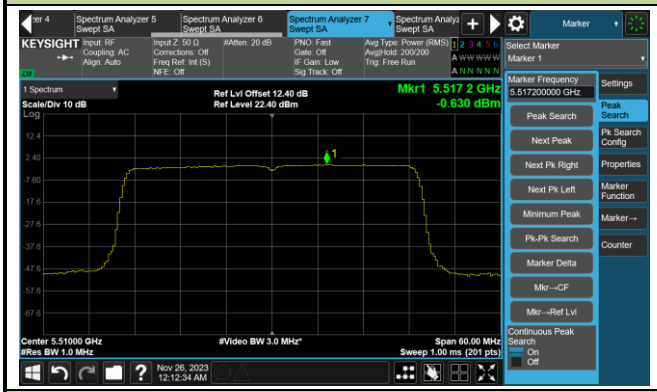
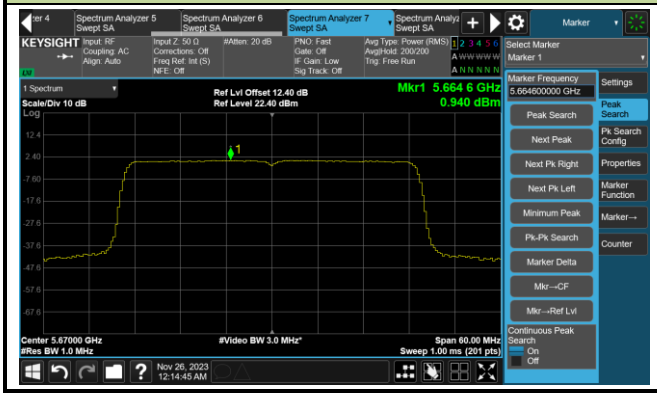
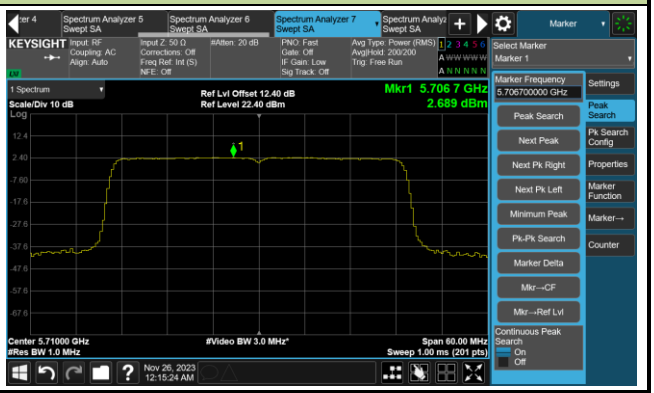
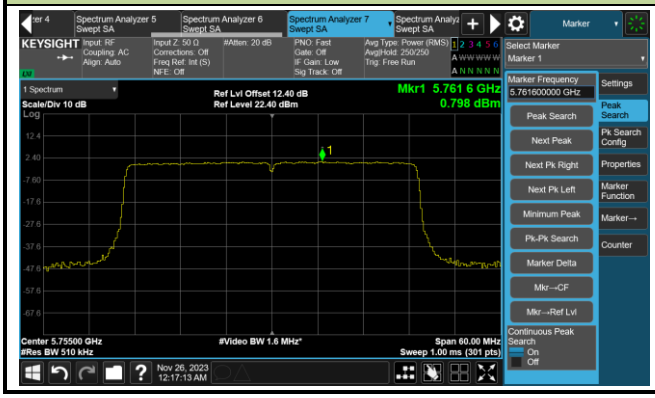
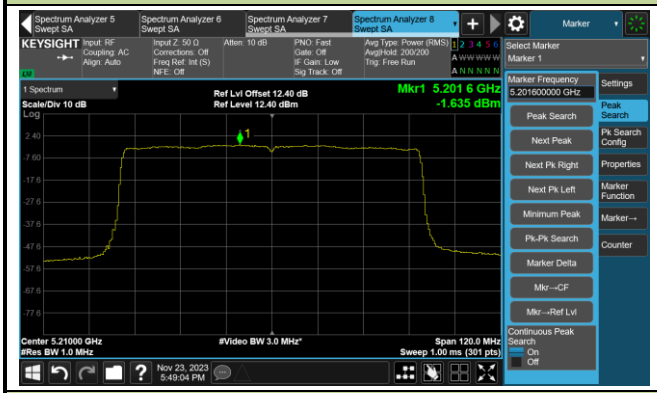
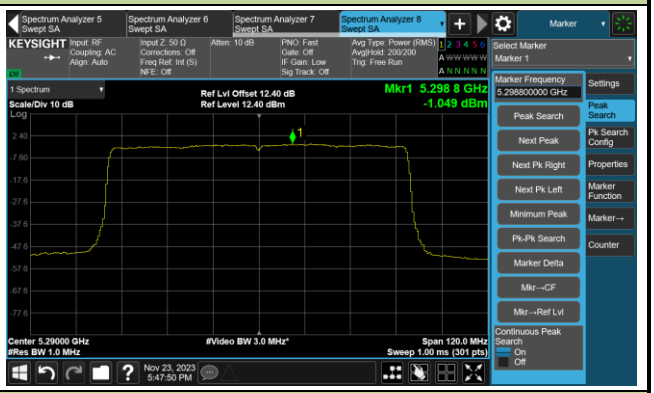
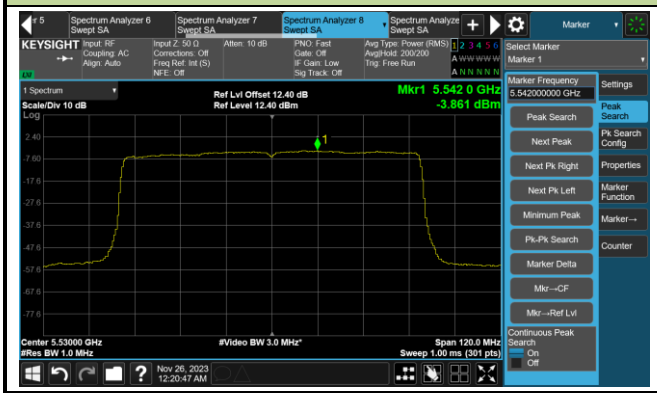
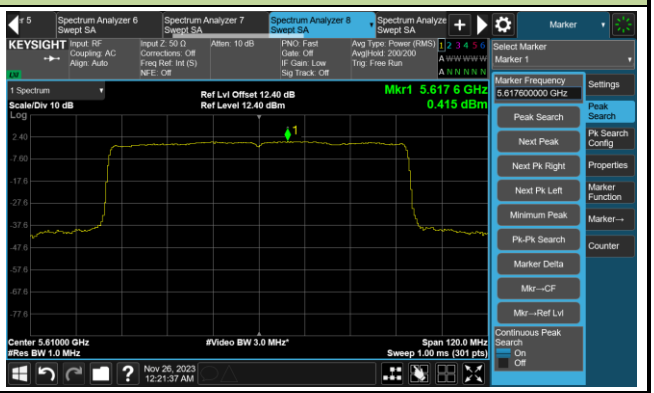
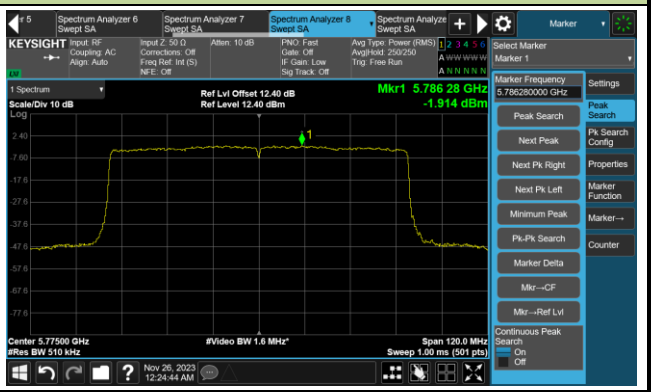
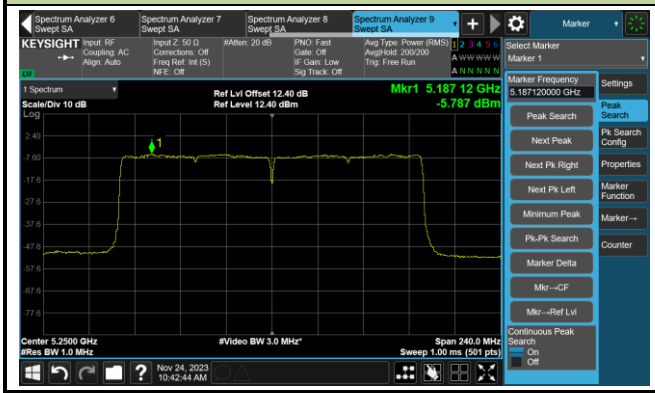
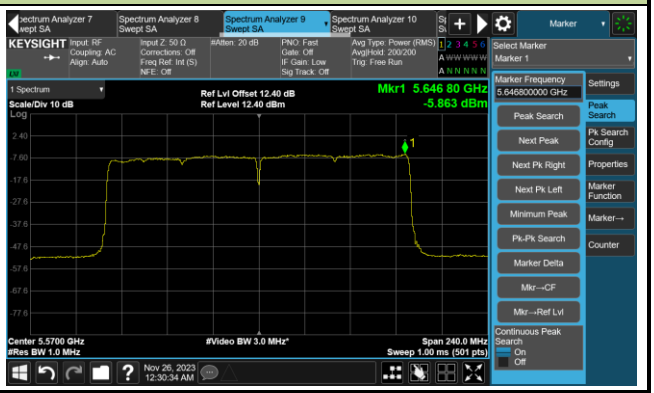
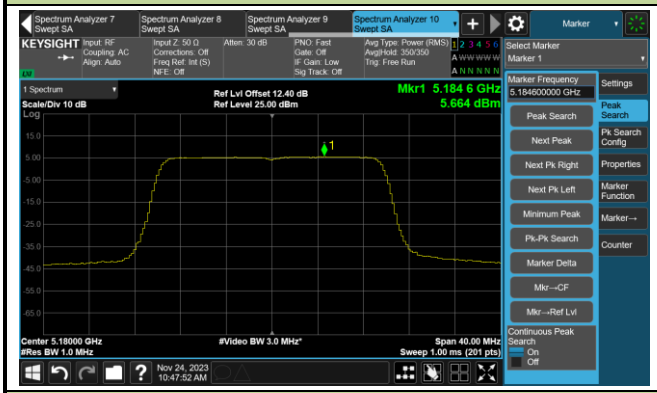
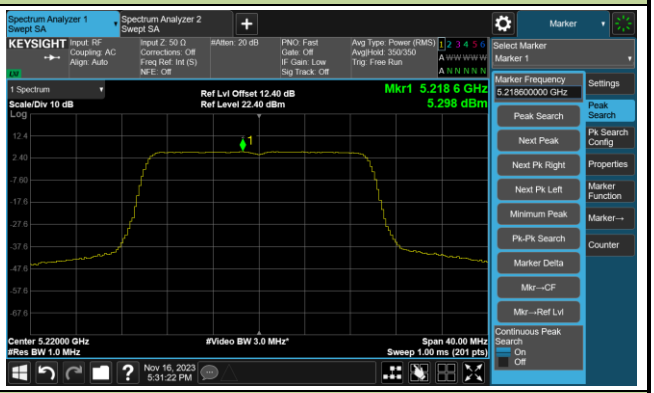
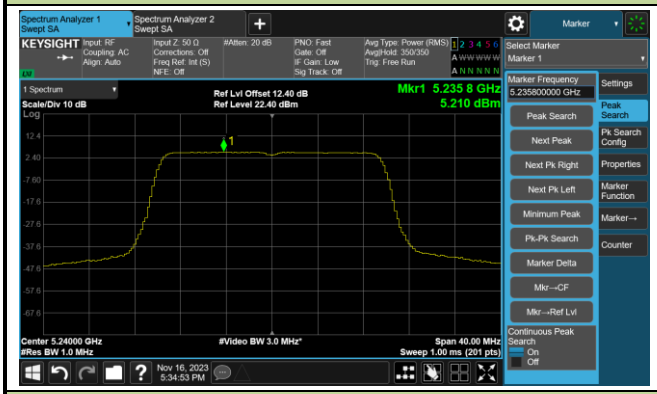
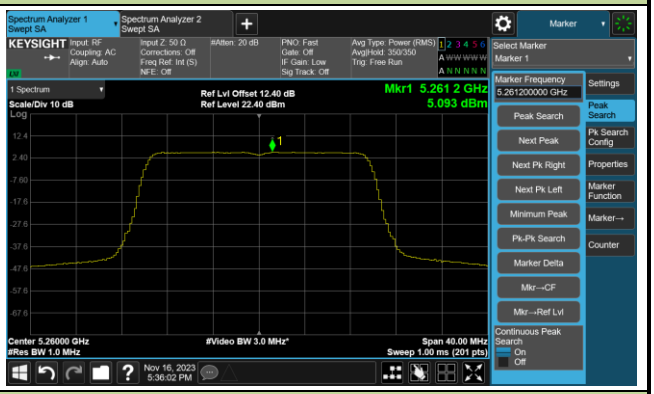
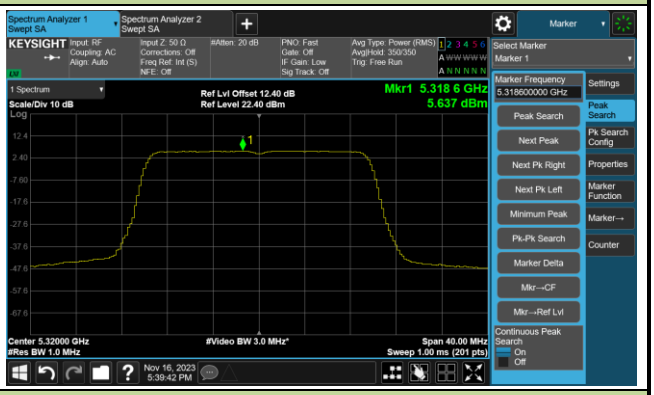
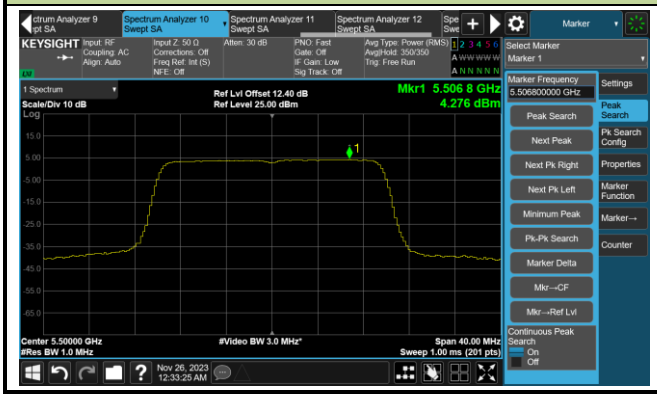
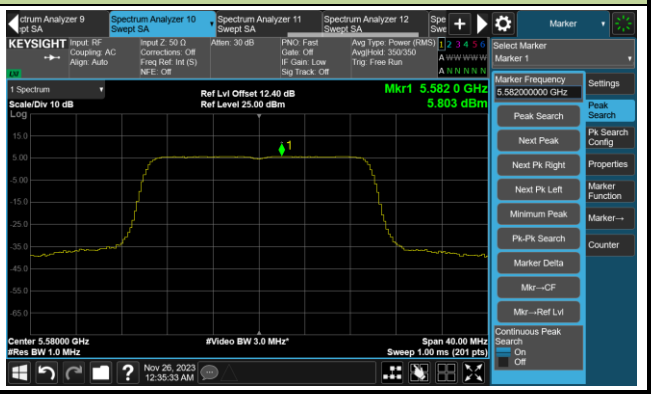
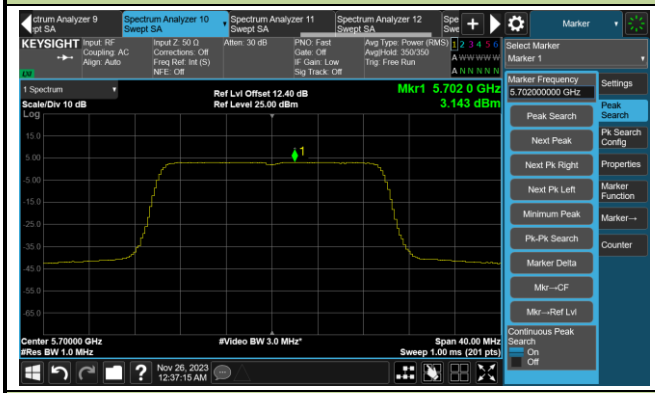
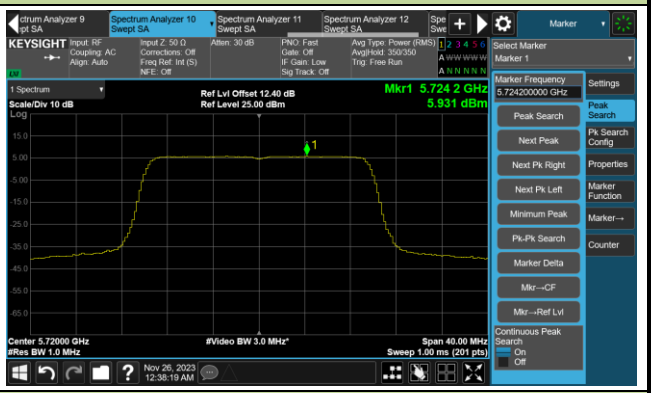
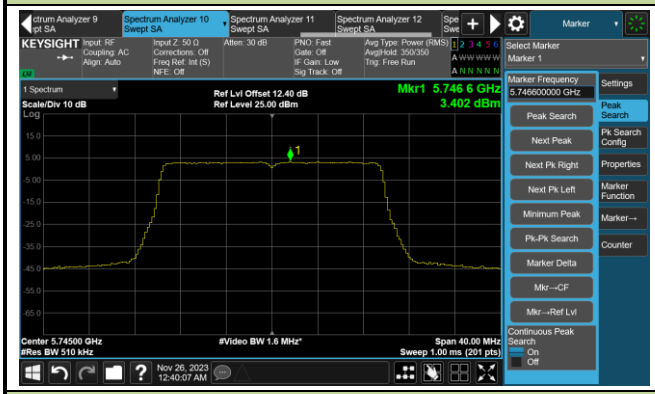
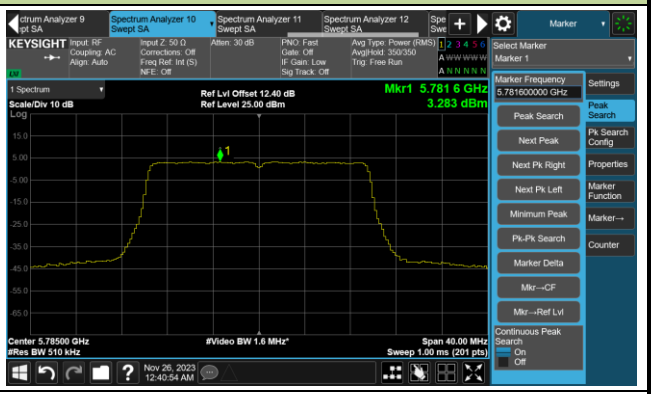
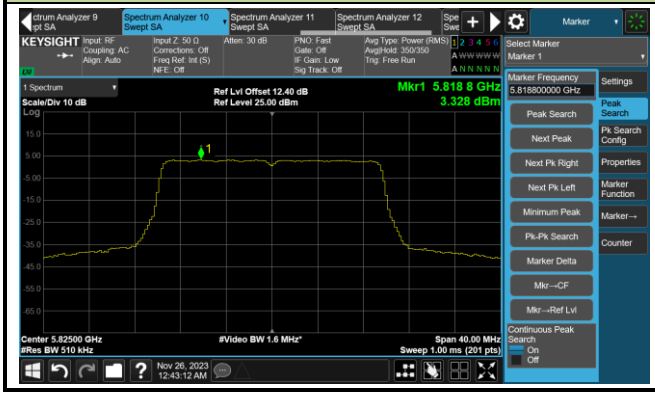
802.11ax-HE40 Power Spectral Density- Ant 2	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

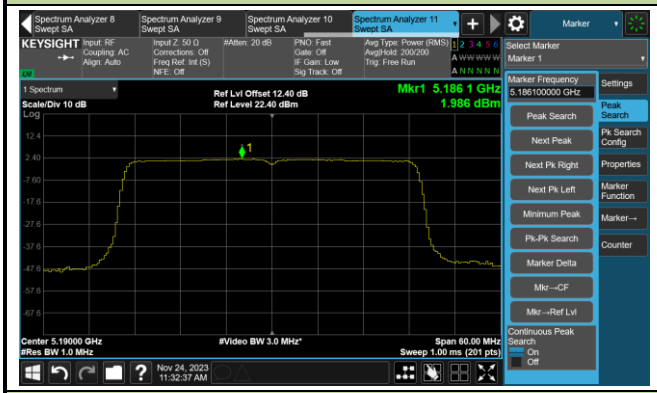
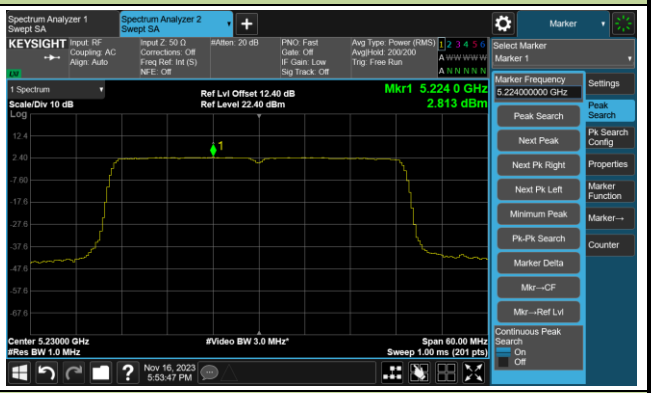
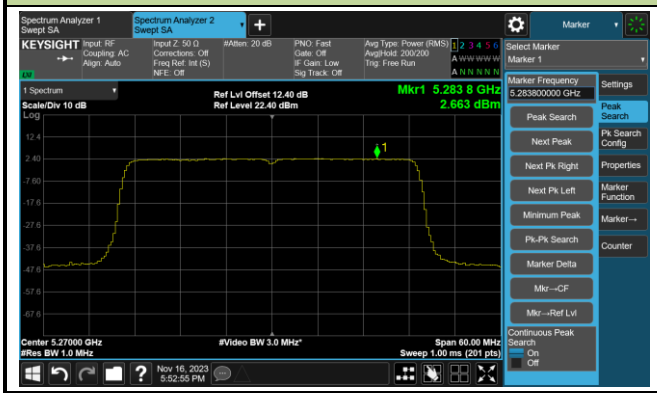
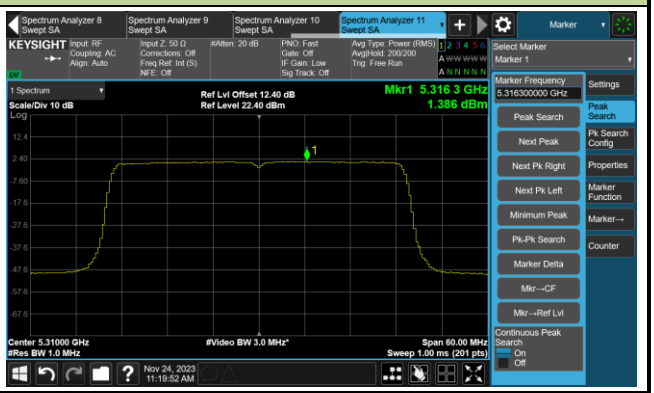
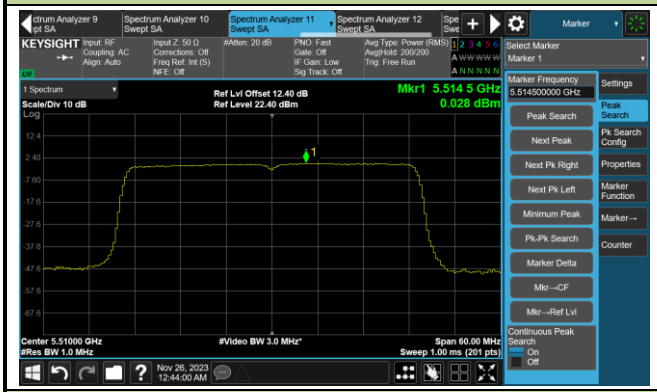
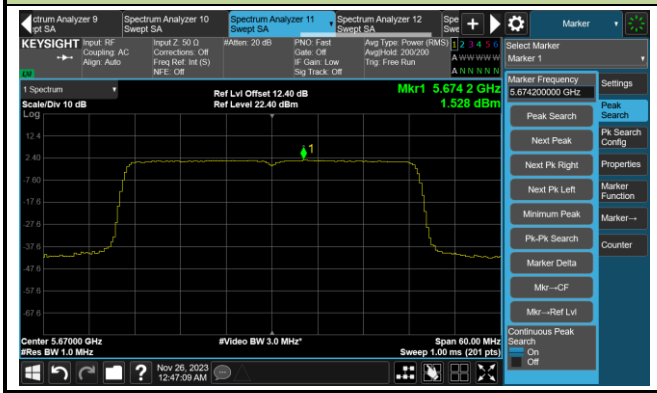
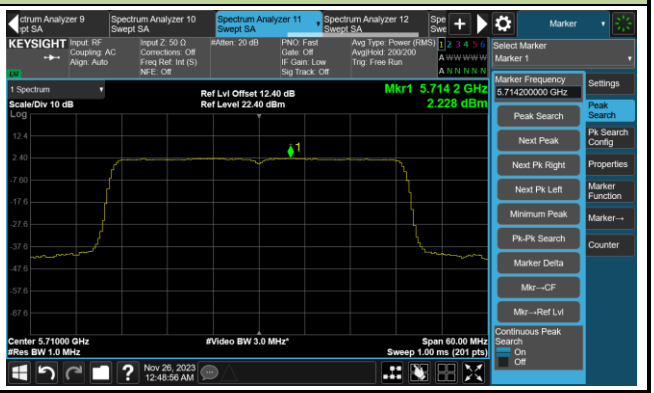
802.11ax-HE40 Power Spectral Density- Ant 2	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

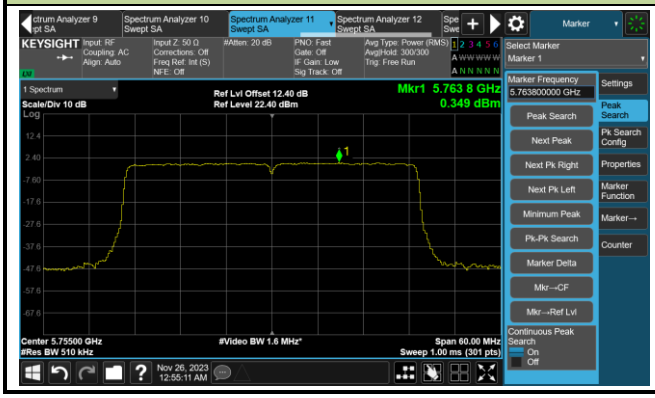
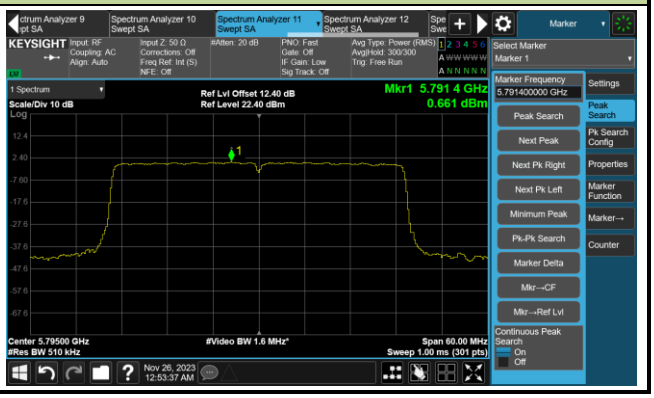
802.11ax-HE80 Power Spectral Density- Ant 2	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

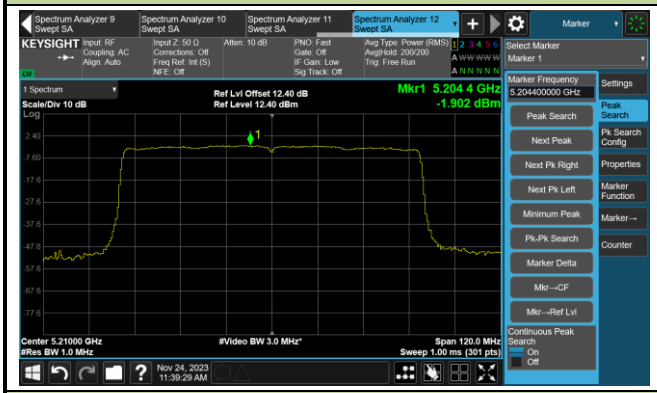
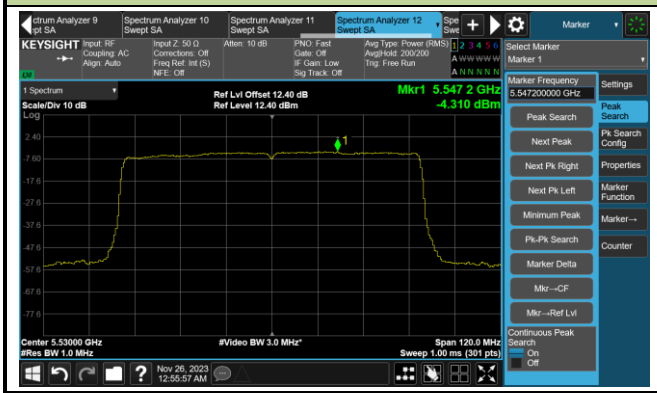
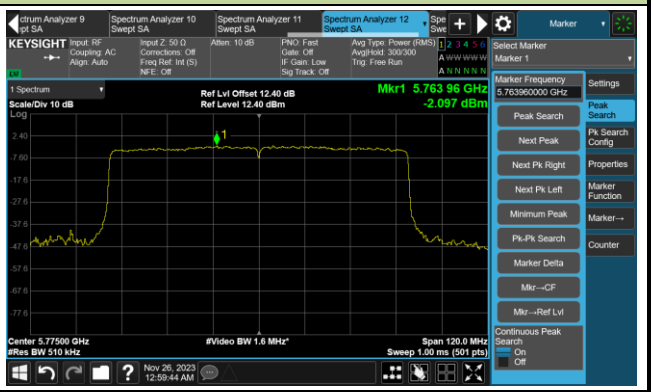
802.11ax-HE160 Power Spectral Density- Ant 2	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

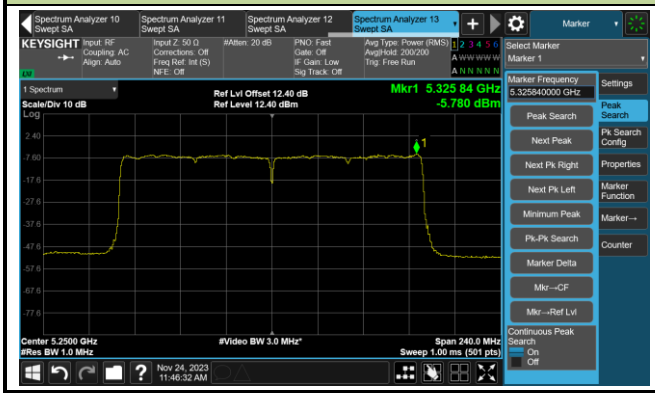
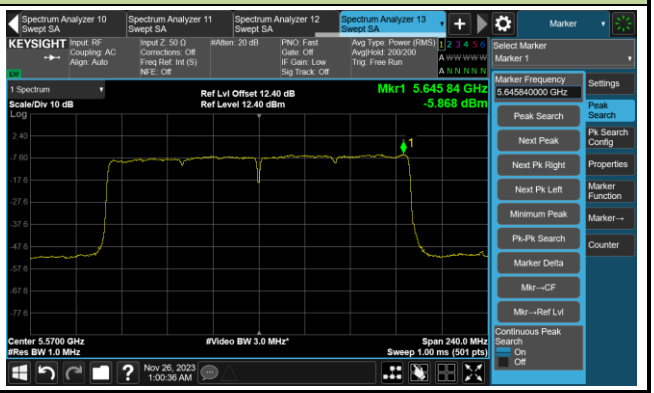
802.11be-EHT20 Power Spectral Density- Ant 2	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

802.11be-EHT20 Power Spectral Density- Ant 2	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11be-EHT40 Power Spectral Density- Ant 2	
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 2	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11be-EHT80 Power Spectral Density- Ant 2	
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 2	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-03-26 ~ 2024-04-12		
Test Item	Power Spectral Density		

Puncturing Mode

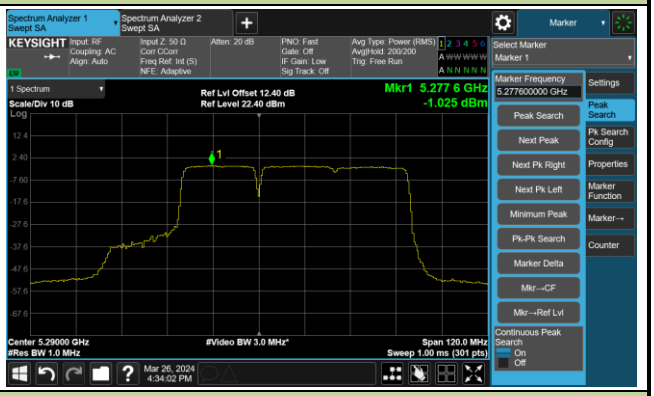
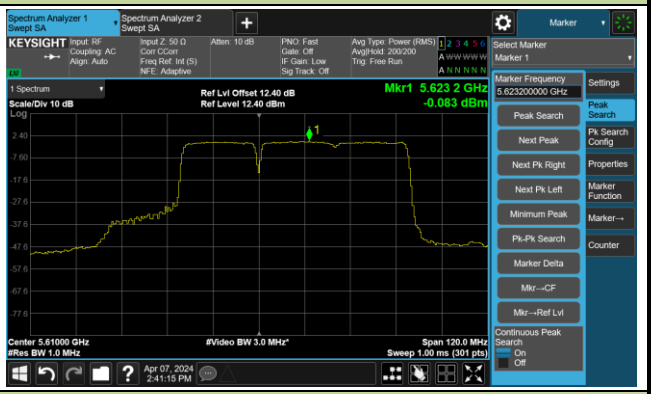
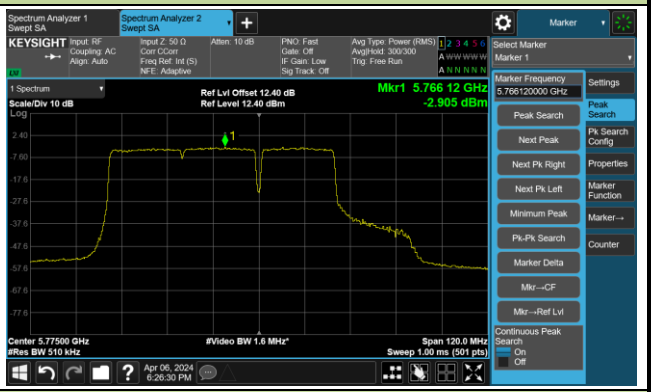
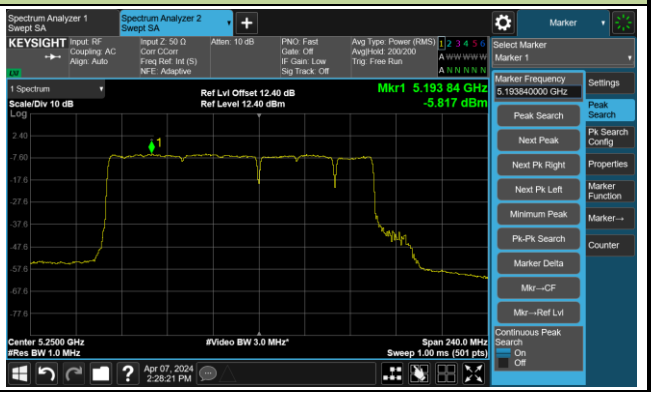
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Index Punctured	AVGPSD Note 3		Duty Cycle (%)	Total PSD Note 3	PSD Limit Note 3
					Ant 5	Ant 2			
11be-EHT80	MCS0	42	5210	4_242	-2.146	-1.826	92.57	1.363	≤ 17.00
11be-EHT80	MCS0	58	5290	1_242	-1.025	-0.443	92.57	2.621	≤ 11.00
11be-EHT80	MCS0	106	5530	4_242	-4.884	-4.727	92.57	-1.459	≤ 11.00
11be-EHT80	MCS0	122	5610	1_242	-0.083	0.144	92.57	3.378	≤ 11.00
11be-EHT80	MCS0	138	5690	1_242	-0.232	0.048	92.57	3.256	≤ 11.00
11be-EHT80	MCS0	155	5775	4_242	-2.905	-2.898	92.57	0.444	≤ 30.00
11be-EHT160	MCS0	50	5250	1_242	-5.798	-5.849	87.89	-2.253	≤ 11.00Note2
11be-EHT160	MCS0	50	5250	8_242	-5.817	-6.039	87.89	-2.356	≤ 11.00 Note2
11be-EHT160	MCS0	50	5250	1_484	-5.969	-5.749	87.89	-2.287	≤ 11.00 Note2
11be-EHT160	MCS0	50	5250	4_484	-5.647	-5.982	87.89	-2.240	≤ 11.00 Note2
11be-EHT160	MCS0	114	5570	1_242	-6.920	-6.824	87.89	-3.301	≤ 11.00
11be-EHT160	MCS0	114	5570	8_242	-6.640	-6.920	87.89	-3.207	≤ 11.00
11be-EHT160	MCS0	114	5570	1_484	-6.764	-7.215	87.89	-3.413	≤ 11.00
11be-EHT160	MCS0	114	5570	4_484	-6.661	-6.610	87.89	-3.065	≤ 11.00

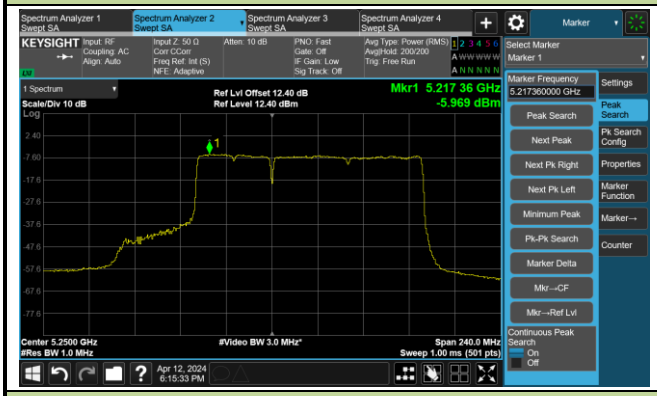
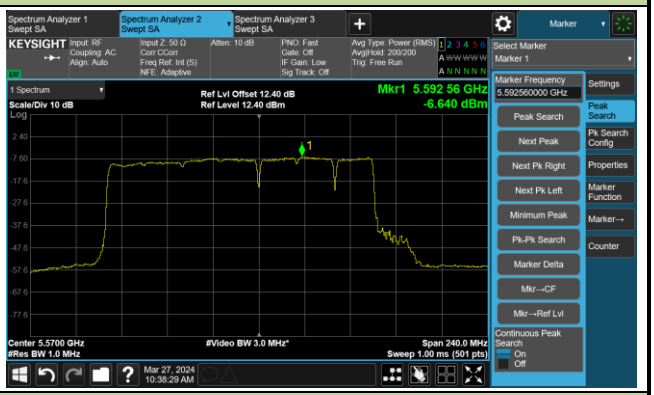
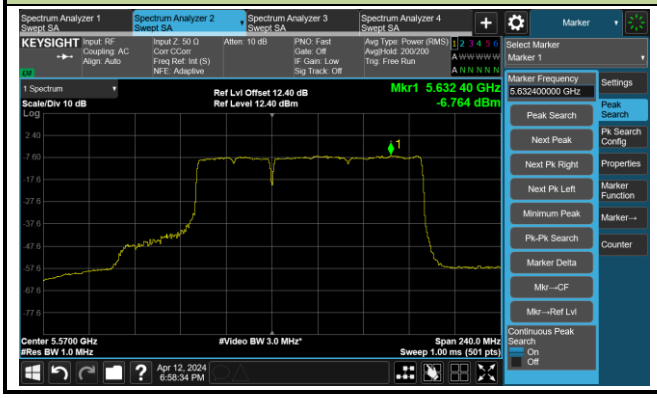
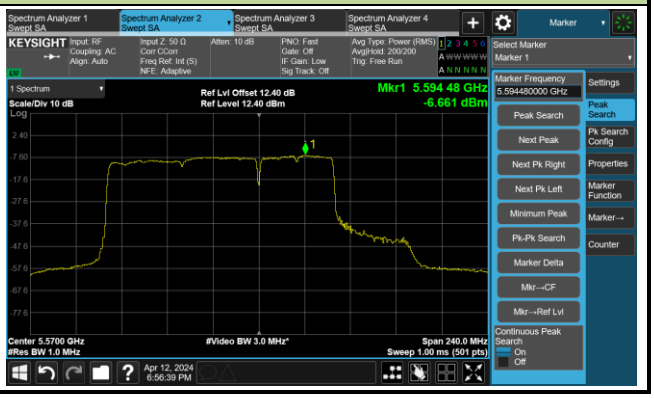
Note 1: When EUT duty cycle < 98%, the total PSD = $10*\log\{10^{(\text{Ant 5AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\} + 10*\log(1/\text{Duty cycle})$.

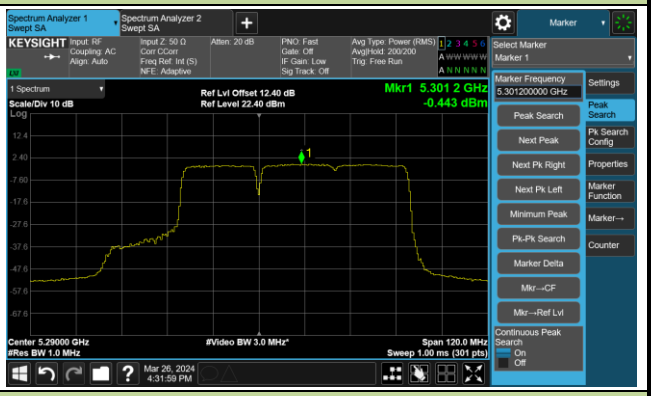
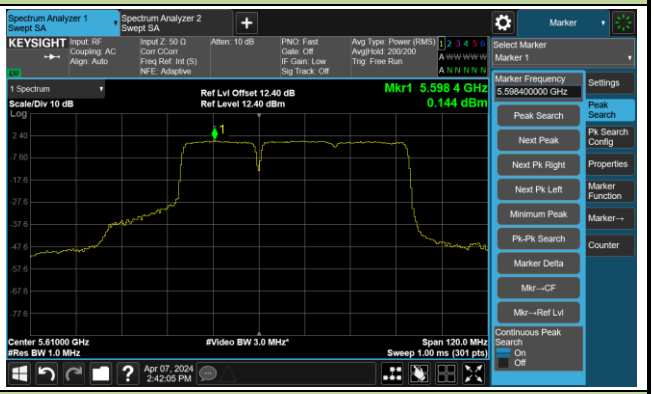
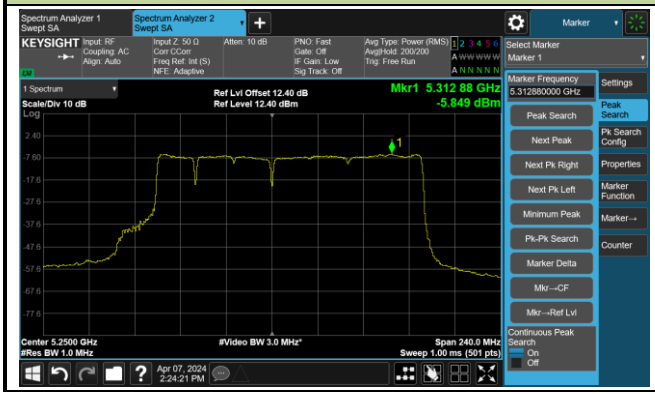
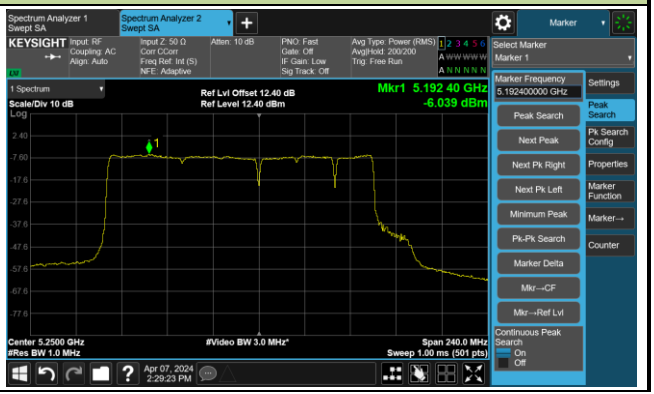
When EUT duty cycle ≥ 98%, the total PSD = $10*\log\{10^{(\text{Ant 5AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\}$.

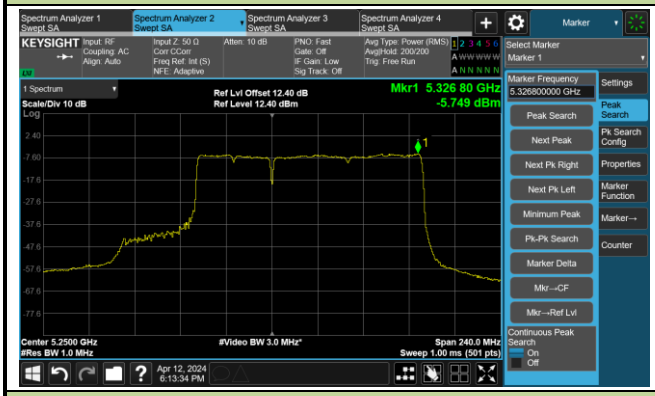
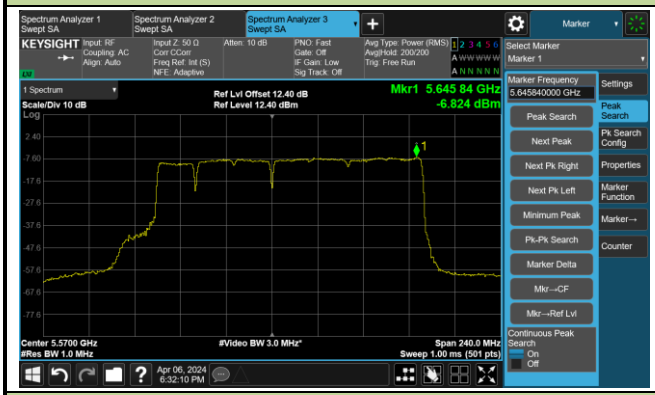
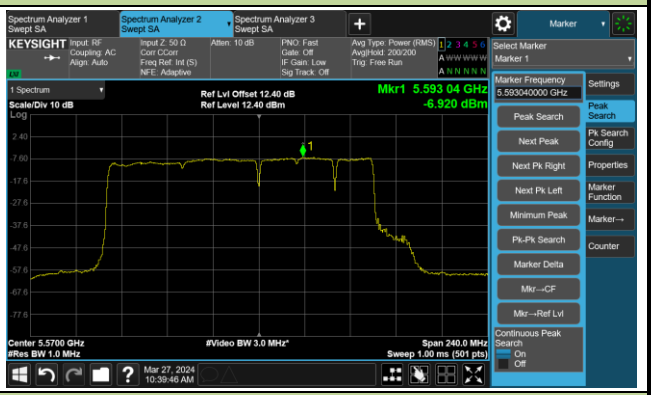
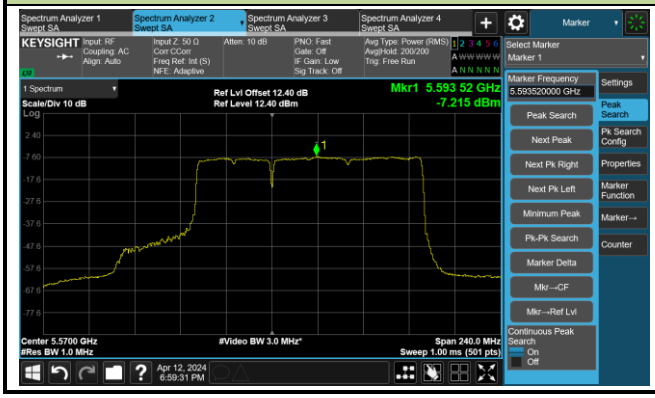
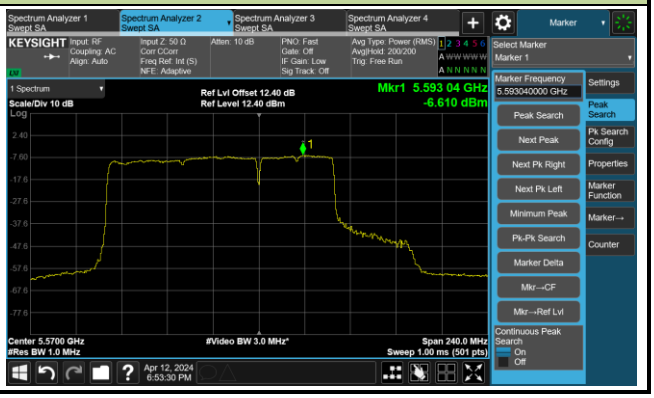
Note 2: This is a straddle channel, the maximum power density complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

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 5	
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 5	
Channel 50 (5250MHz) 1_242	Channel 50 (5250MHz) 8_242
	

802.11be-EHT80 Power Spectral Density- Ant 5	
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 2	
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 2	
Channel 50 (5250MHz) 1_242	Channel 50 (5250MHz) 8_242
	

802.11be-EHT80 Power Spectral Density- Ant 2	
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	Dandy Li
Test Date	2023-12-06~2023-12-07	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	13.75	13.75	13.74	13.72
		- 20	15.19	15.17	15.15	15.14
		- 10	14.46	14.47	14.48	14.49
		0	11.79	11.83	11.85	11.87
		+ 10	8.74	8.68	8.66	8.64
		+ 20	5.50	5.48	5.45	5.40
		+ 30	0.60	0.79	0.83	0.93
		+ 40	-3.00	-2.99	-2.99	-2.99
		+ 50	-4.81	-4.83	-4.85	-4.87
115	138	+ 20	2.28	2.30	2.32	2.34
85	102	+ 20	2.36	2.38	2.39	2.40

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

A.7 Radiated Spurious Emission Test Result

CDD Mode:

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-20	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
*	10214.0	31.1	14.3	45.4	68.2	-22.8	Peak	Horizontal
	11463.5	31.4	17.5	48.9	74.0	-25.1	Peak	Horizontal
	11752.5	31.4	17.4	48.8	74.0	-25.2	Peak	Horizontal
*	13911.5	29.3	18.7	48.0	68.2	-20.2	Peak	Horizontal
	11582.5	29.1	17.5	46.6	74.0	-27.4	Peak	Vertical
	12058.5	29.3	17.0	46.3	74.0	-27.7	Peak	Vertical
*	13792.5	29.2	18.8	48.0	68.2	-20.2	Peak	Vertical
*	14455.5	32.9	20.3	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	2023-11-20	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
*	10307.5	31.3	14.9	46.2	68.2	-22.0	Peak	Horizontal
	11081.0	31.6	16.7	48.3	74.0	-25.7	Peak	Horizontal
	11582.5	30.0	17.5	47.5	74.0	-26.5	Peak	Horizontal
*	14039.0	30.3	19.9	50.2	68.2	-18.0	Peak	Horizontal
*	10307.5	29.5	14.9	44.4	68.2	-23.8	Peak	Vertical
	11072.5	30.6	16.5	47.1	74.0	-26.9	Peak	Vertical
	11965.0	32.4	17.2	49.6	74.0	-24.4	Peak	Vertical
*	13911.5	29.7	18.7	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/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	2023-11-20	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
*	10307.5	31.1	14.9	46.0	68.2	-22.2	Peak	Horizontal
	11582.5	29.4	17.5	46.9	74.0	-27.1	Peak	Horizontal
	12279.5	30.5	17.4	47.9	74.0	-26.1	Peak	Horizontal
*	14362.0	31.0	20.2	51.2	68.2	-17.0	Peak	Horizontal
*	9993.0	30.3	13.7	44.0	68.2	-24.2	Peak	Vertical
	11480.5	29.6	17.6	47.2	74.0	-26.8	Peak	Vertical
	11786.5	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
*	14234.5	30.2	20.0	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	2023-11-20	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
*	10035.5	31.7	13.9	45.6	68.2	-22.6	Peak	Horizontal
	11166.0	31.7	17.0	48.7	74.0	-25.3	Peak	Horizontal
	12169.0	28.6	17.4	46.0	74.0	-28.0	Peak	Horizontal
*	14039.0	30.4	19.9	50.3	68.2	-17.9	Peak	Horizontal
*	10265.0	30.4	14.6	45.0	68.2	-23.2	Peak	Vertical
	10783.5	30.6	16.1	46.7	74.0	-27.3	Peak	Vertical
	11633.5	29.2	17.7	46.9	74.0	-27.1	Peak	Vertical
*	12840.5	28.7	17.1	45.8	68.2	-22.4	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	2023-11-20	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
*	10120.5	30.3	14.1	44.4	68.2	-23.8	Peak	Horizontal
	11021.5	29.6	16.4	46.0	74.0	-28.0	Peak	Horizontal
	11735.5	28.7	17.7	46.4	74.0	-27.6	Peak	Horizontal
*	13911.5	29.1	18.7	47.8	68.2	-20.4	Peak	Horizontal
*	10214.0	31.0	14.3	45.3	68.2	-22.9	Peak	Vertical
	11021.5	30.7	16.4	47.1	74.0	-26.9	Peak	Vertical
	11506.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
*	13665.0	30.1	18.6	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/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	2023-11-20	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
*	10078.0	31.1	13.7	44.8	68.2	-23.4	Peak	Horizontal
	11123.5	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
	11684.5	29.0	17.3	46.3	74.0	-27.7	Peak	Horizontal
*	13070.0	29.1	18.3	47.4	68.2	-20.8	Peak	Horizontal
*	10035.5	30.6	13.9	44.5	68.2	-23.7	Peak	Vertical
	11225.5	29.0	16.9	45.9	74.0	-28.1	Peak	Vertical
	11531.5	30.4	17.3	47.7	74.0	-26.3	Peak	Vertical
*	13010.5	29.2	17.7	46.9	68.2	-21.3	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	2023-11-20	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
*	10120.5	32.1	14.1	46.2	68.2	-22.0	Peak	Horizontal
	10826.0	30.0	16.4	46.4	74.0	-27.6	Peak	Horizontal
	11429.5	29.2	17.3	46.5	74.0	-27.5	Peak	Horizontal
*	13979.5	29.5	19.1	48.6	68.2	-19.6	Peak	Horizontal
*	10120.5	30.9	14.1	45.0	68.2	-23.2	Peak	Vertical
	10877.0	30.0	16.3	46.3	74.0	-27.7	Peak	Vertical
	11548.5	32.7	17.7	50.4	74.0	-23.6	Peak	Vertical
*	13733.0	30.4	18.9	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/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	2023-11-20	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
*	10307.5	31.6	14.9	46.5	68.2	-21.7	Peak	Horizontal
	11446.5	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
	12186.0	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	14047.5	30.6	20.0	50.6	68.2	-17.6	Peak	Horizontal
*	10035.5	31.1	13.9	45.0	68.2	-23.2	Peak	Vertical
	11123.5	30.1	16.4	46.5	74.0	-27.5	Peak	Vertical
	11557.0	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
*	14107.0	29.7	19.9	49.6	68.2	-18.6	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	2023-11-20	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
*	10401.0	30.7	15.1	45.8	68.2	-22.4	Peak	Horizontal
	11225.5	29.8	16.9	46.7	74.0	-27.3	Peak	Horizontal
	11948.0	30.2	16.9	47.1	74.0	-26.9	Peak	Horizontal
*	14030.5	32.4	19.8	52.2	68.2	-16.0	Peak	Horizontal
*	10078.0	30.6	13.7	44.3	68.2	-23.9	Peak	Vertical
	11225.5	29.0	16.9	45.9	74.0	-28.1	Peak	Vertical
	11846.0	29.4	17.1	46.5	74.0	-27.5	Peak	Vertical
*	13792.5	29.3	18.8	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/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	2023-11-20	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
*	10401.0	31.0	15.1	46.1	68.2	-22.1	Peak	Horizontal
	11021.5	29.9	16.4	46.3	74.0	-27.7	Peak	Horizontal
	11633.5	28.9	17.7	46.6	74.0	-27.4	Peak	Horizontal
*	13010.5	30.0	17.7	47.7	68.2	-20.5	Peak	Horizontal
*	9772.0	30.6	13.5	44.1	68.2	-24.1	Peak	Vertical
	11497.5	31.1	17.6	48.7	74.0	-25.3	Peak	Vertical
	12220.0	28.8	17.5	46.3	74.0	-27.7	Peak	Vertical
*	13911.5	30.4	18.7	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/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	2023-11-20	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
*	10120.5	31.6	14.1	45.7	68.2	-22.5	Peak	Horizontal
	11472.0	31.7	17.5	49.2	74.0	-24.8	Peak	Horizontal
	12194.5	31.0	17.8	48.8	74.0	-25.2	Peak	Horizontal
*	13733.0	28.9	18.9	47.8	68.2	-20.4	Peak	Horizontal
*	9993.0	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
	11429.5	29.5	17.3	46.8	74.0	-27.2	Peak	Vertical
	12220.0	29.6	17.5	47.1	74.0	-26.9	Peak	Vertical
*	13852.0	29.1	19.0	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/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	2023-11-20	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
*	10146.0	33.4	13.9	47.3	68.2	-20.9	Peak	Horizontal
	11531.5	30.3	17.3	47.6	74.0	-26.4	Peak	Horizontal
	12194.5	30.4	17.8	48.2	74.0	-25.8	Peak	Horizontal
*	17362.5	35.4	22.2	57.6	68.2	-10.6	Peak	Horizontal
*	10146.0	33.4	13.9	47.3	68.2	-20.9	Peak	Vertical
	11429.5	29.0	17.3	46.3	74.0	-27.7	Peak	Vertical
	12007.5	30.0	17.0	47.0	74.0	-27.0	Peak	Vertical
*	13979.5	29.6	19.1	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/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	2023-11-20	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
*	9993.0	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
	11378.5	27.9	17.3	45.2	74.0	-28.8	Peak	Horizontal
	12330.5	29.0	17.0	46.0	74.0	-28.0	Peak	Horizontal
*	17473.0	34.2	23.9	58.1	68.2	-10.1	Peak	Horizontal
*	9942.0	31.3	13.8	45.1	68.2	-23.1	Peak	Vertical
	11565.5	31.4	17.8	49.2	74.0	-24.8	Peak	Vertical
	11846.0	28.7	17.1	45.8	74.0	-28.2	Peak	Vertical
*	13852.0	29.6	19.0	48.6	68.2	-19.6	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	2023-11-20	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
*	10307.5	31.5	14.9	46.4	68.2	-21.8	Peak	Horizontal
	11174.5	29.6	17.0	46.6	74.0	-27.4	Peak	Horizontal
	11582.5	29.6	17.5	47.1	74.0	-26.9	Peak	Horizontal
*	14039.0	29.9	19.9	49.8	68.2	-18.4	Peak	Horizontal
*	10078.0	31.6	13.7	45.3	68.2	-22.9	Peak	Vertical
	10928.0	31.9	16.7	48.6	74.0	-25.4	Peak	Vertical
	12007.5	30.6	17.0	47.6	74.0	-26.4	Peak	Vertical
*	13707.5	32.4	19.1	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/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	2023-11-20	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
*	10120.5	30.4	14.1	44.5	68.2	-23.7	Peak	Horizontal
	11327.5	28.9	17.4	46.3	74.0	-27.7	Peak	Horizontal
	11897.0	30.4	17.4	47.8	74.0	-26.2	Peak	Horizontal
*	14039.0	31.0	19.9	50.9	68.2	-17.3	Peak	Horizontal
*	10265.0	31.6	14.6	46.2	68.2	-22.0	Peak	Vertical
	10928.0	30.7	16.7	47.4	74.0	-26.6	Peak	Vertical
	11582.5	30.7	17.5	48.2	74.0	-25.8	Peak	Vertical
*	13733.0	29.4	18.9	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/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	2023-11-20	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
*	10120.5	31.7	14.1	45.8	68.2	-22.4	Peak	Horizontal
	11378.5	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
	11735.5	28.9	17.7	46.6	74.0	-27.4	Peak	Horizontal
*	13979.5	30.5	19.1	49.6	68.2	-18.6	Peak	Horizontal
*	10214.0	30.1	14.3	44.4	68.2	-23.8	Peak	Vertical
	11378.5	28.3	17.3	45.6	74.0	-28.4	Peak	Vertical
	12007.5	30.1	17.0	47.1	74.0	-26.9	Peak	Vertical
*	14107.0	29.6	19.9	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/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	2023-11-20	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
*	9857.0	32.4	13.5	45.9	68.2	-22.3	Peak	Horizontal
	11174.5	30.4	17.0	47.4	74.0	-26.6	Peak	Horizontal
	12007.5	29.8	17.0	46.8	74.0	-27.2	Peak	Horizontal
*	13979.5	31.2	19.1	50.3	68.2	-17.9	Peak	Horizontal
*	9993.0	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
	11174.5	29.9	17.0	46.9	74.0	-27.1	Peak	Vertical
	11557.0	31.4	17.9	49.3	74.0	-24.7	Peak	Vertical
*	13716.0	32.3	19.3	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	2023-11-20	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
*	10265.0	32.3	14.6	46.9	68.2	-21.3	Peak	Horizontal
	11021.5	31.4	16.4	47.8	74.0	-26.2	Peak	Horizontal
	11489.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	13605.5	30.3	18.7	49.0	68.2	-19.2	Peak	Horizontal
*	9857.0	30.8	13.5	44.3	68.2	-23.9	Peak	Vertical
	11174.5	30.4	17.0	47.4	74.0	-26.6	Peak	Vertical
	11735.5	29.2	17.7	46.9	74.0	-27.1	Peak	Vertical
*	14039.0	30.3	19.9	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	2023-11-20	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
*	9993.0	31.2	13.7	44.9	68.2	-23.3	Peak	Horizontal
	11378.5	29.5	17.3	46.8	74.0	-27.2	Peak	Horizontal
	11786.5	29.1	17.6	46.7	74.0	-27.3	Peak	Horizontal
*	13979.5	30.3	19.1	49.4	68.2	-18.8	Peak	Horizontal
*	10214.0	30.3	14.3	44.6	68.2	-23.6	Peak	Vertical
	10732.5	30.0	15.9	45.9	74.0	-28.1	Peak	Vertical
	11463.5	30.9	17.5	48.4	74.0	-25.6	Peak	Vertical
*	13792.5	29.0	18.8	47.8	68.2	-20.4	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	2023-11-20	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
*	10120.5	30.6	14.1	44.7	68.2	-23.5	Peak	Horizontal
	10919.5	31.8	16.7	48.5	74.0	-25.5	Peak	Horizontal
	11327.5	28.9	17.4	46.3	74.0	-27.7	Peak	Horizontal
*	13665.0	29.3	18.6	47.9	68.2	-20.3	Peak	Horizontal
*	9993.0	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	10970.5	31.0	16.2	47.2	74.0	-26.8	Peak	Vertical
	11497.5	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
*	13792.5	29.6	18.8	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/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	2023-11-20	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
*	10120.5	31.0	14.1	45.1	68.2	-23.1	Peak	Horizontal
	10681.5	30.3	16.3	46.6	74.0	-27.4	Peak	Horizontal
	12441.0	29.1	16.6	45.7	74.0	-28.3	Peak	Horizontal
*	13911.5	29.2	18.7	47.9	68.2	-20.3	Peak	Horizontal
*	10350.0	30.6	15.2	45.8	68.2	-22.4	Peak	Vertical
	10970.5	29.7	16.2	45.9	74.0	-28.1	Peak	Vertical
	11429.5	29.3	17.3	46.6	74.0	-27.4	Peak	Vertical
*	13852.0	29.2	19.0	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/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	2023-11-20	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
	11072.5	29.6	16.5	46.1	74.0	-27.9	Peak	Horizontal
	11948.0	30.2	16.9	47.1	74.0	-26.9	Peak	Horizontal
*	14455.5	33.1	20.3	53.4	68.2	-14.8	Peak	Horizontal
*	17107.5	31.8	21.8	53.6	68.2	-14.6	Peak	Horizontal
*	10078.0	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	10834.5	32.2	16.4	48.6	74.0	-25.4	Peak	Vertical
	11574.0	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical
*	14948.5	29.8	19.4	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/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	2023-11-20	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
*	10171.5	30.8	14.1	44.9	68.2	-23.3	Peak	Horizontal
	11225.5	30.0	16.9	46.9	74.0	-27.1	Peak	Horizontal
	11786.5	30.5	17.6	48.1	74.0	-25.9	Peak	Horizontal
*	14166.5	30.4	19.8	50.2	68.2	-18.0	Peak	Horizontal
*	9721.0	31.3	13.5	44.8	68.2	-23.4	Peak	Vertical
	11582.5	28.9	17.5	46.4	74.0	-27.6	Peak	Vertical
	11973.5	31.9	17.3	49.2	74.0	-24.8	Peak	Vertical
*	13852.0	29.4	19.0	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/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	2023-11-20	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
*	10171.5	31.1	14.1	45.2	68.2	-23.0	Peak	Horizontal
	11166.0	31.3	17.0	48.3	74.0	-25.7	Peak	Horizontal
	11684.5	29.7	17.3	47.0	74.0	-27.0	Peak	Horizontal
*	13733.0	31.1	18.9	50.0	68.2	-18.2	Peak	Horizontal
*	10120.5	30.5	14.1	44.6	68.2	-23.6	Peak	Vertical
	11225.5	29.0	16.9	45.9	74.0	-28.1	Peak	Vertical
	11582.5	29.8	17.5	47.3	74.0	-26.7	Peak	Vertical
*	14039.0	29.5	19.9	49.4	68.2	-18.8	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)