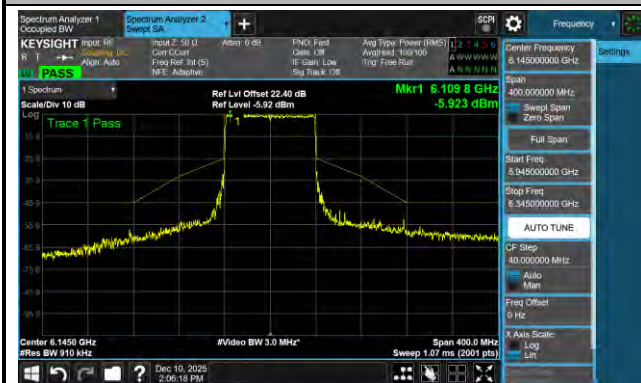
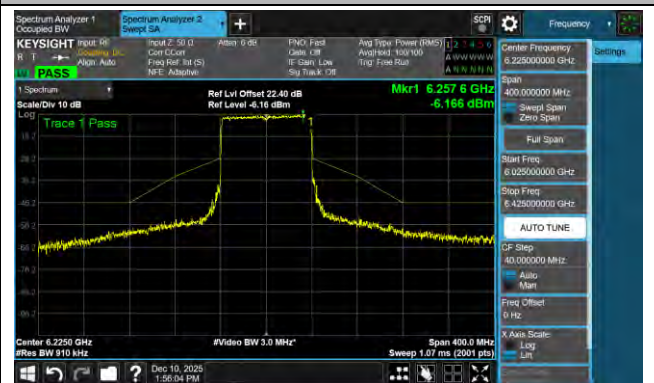


802.11be-EHT80 In-Band Emission- Ant 11 (Nss = 4)

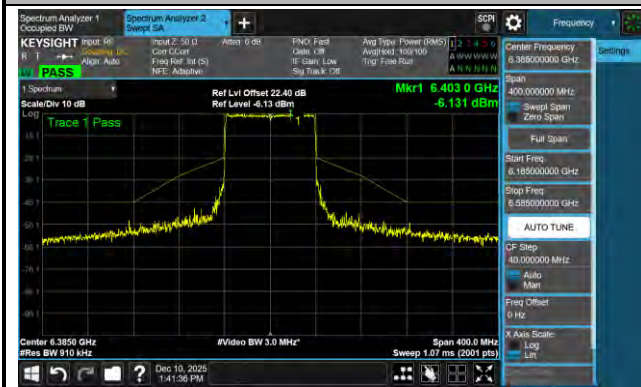
Channel 39 (6145 MHz)



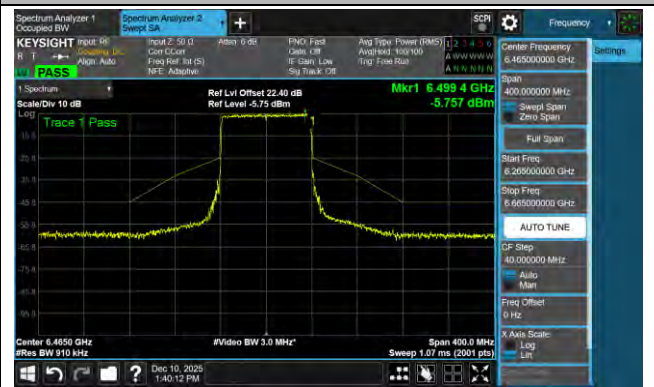
Channel 55 (6225 MHz)



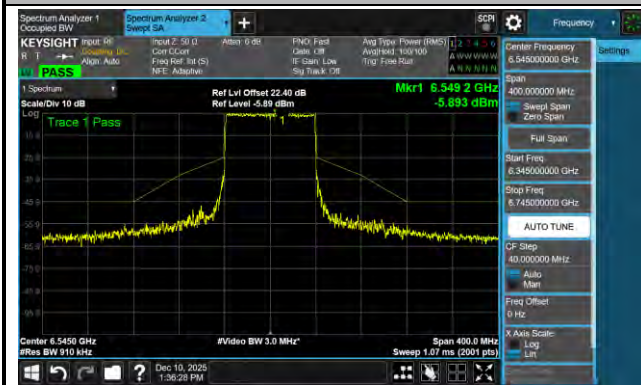
Channel 87 (6385 MHz)



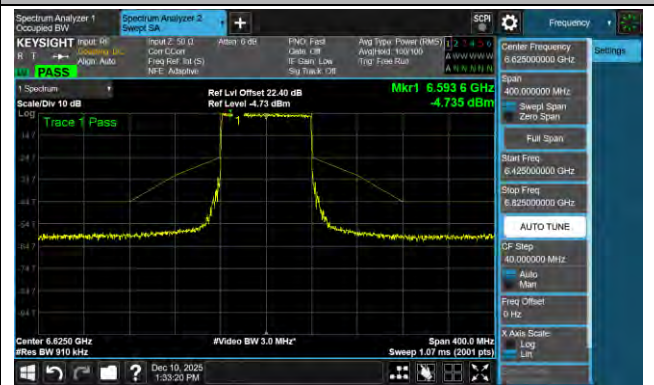
Channel 103 (6465 MHz)



Channel 119 (6545 MHz)

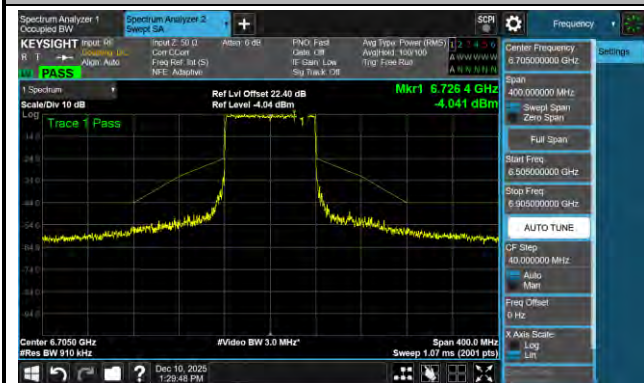


Channel 135 (6625 MHz)

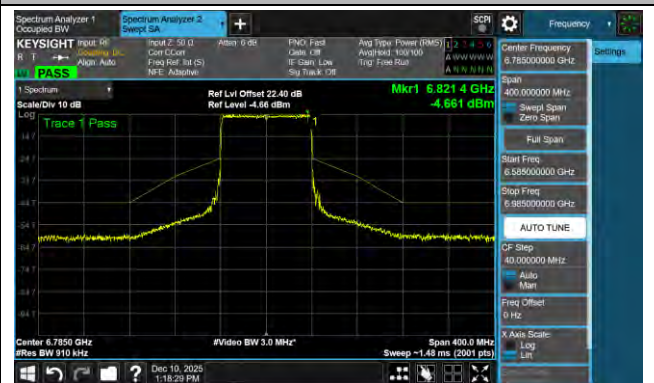


802.11be-EHT80 In-Band Emission- Ant 11 (Nss = 4)

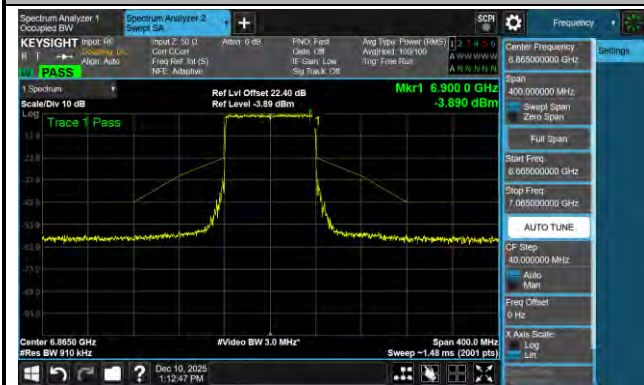
Channel 151 (6705 MHz)



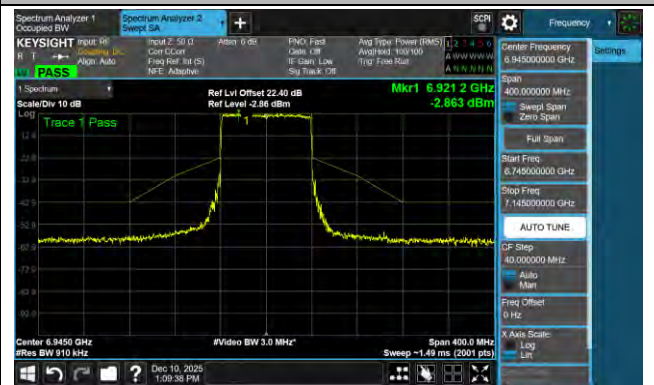
Channel 167 (6785 MHz)



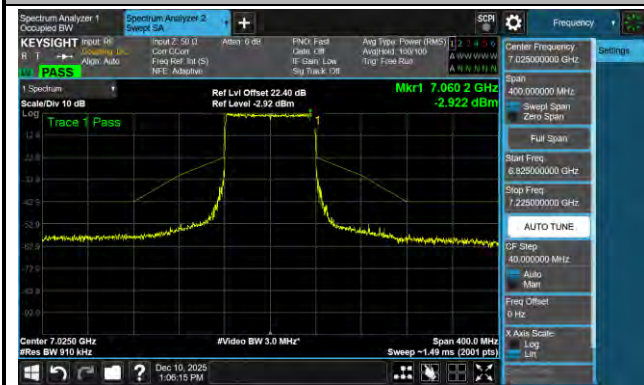
Channel 183 (6865 MHz)



Channel 199 (6945 MHz)

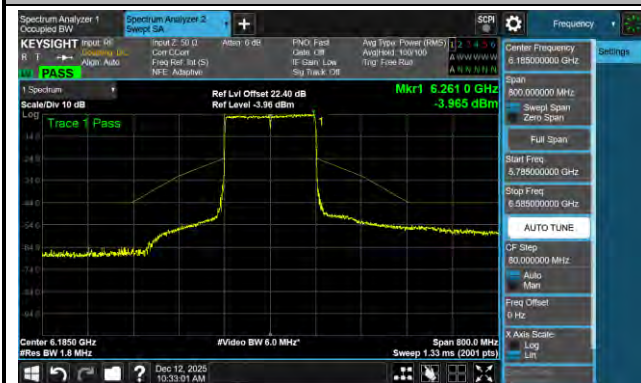


Channel 215 (7025 MHz)

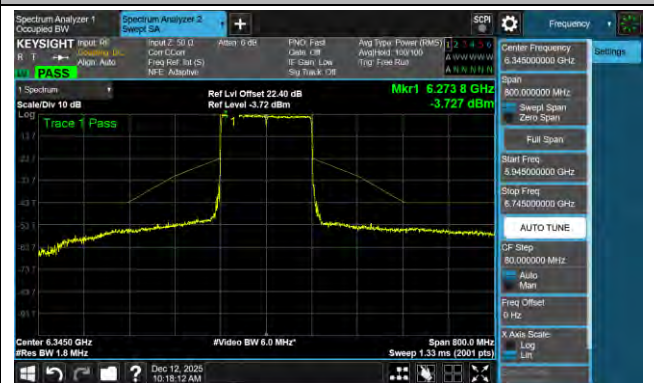


802.11be-EHT160 In-Band Emission- Ant 11 (Nss = 4)

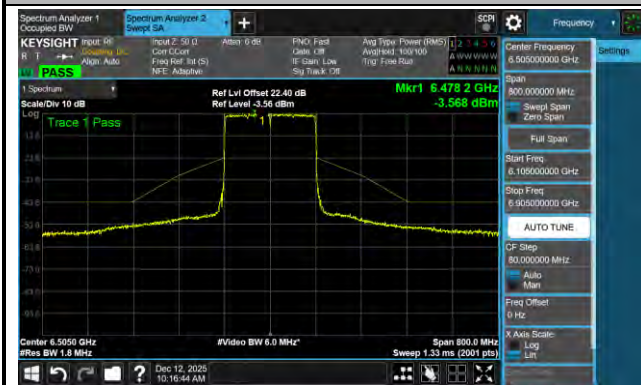
Channel 47 (6185 MHz)



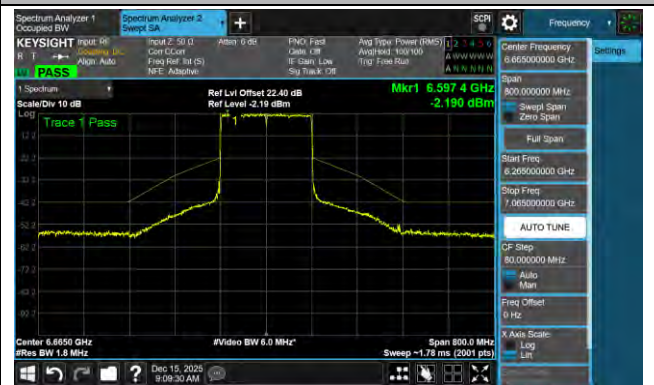
Channel 79 (6345 MHz)



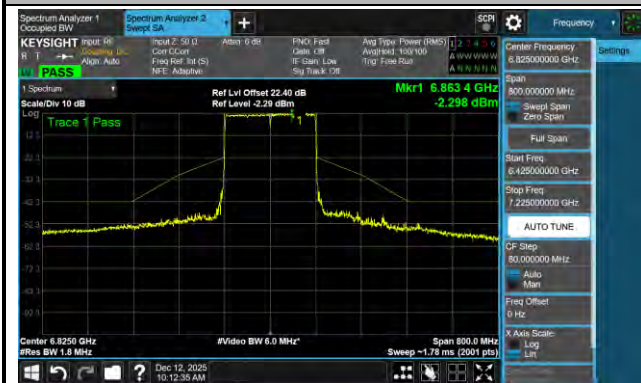
Channel 111 (6505 MHz)



Channel 143 (6665 MHz)



Channel 175 (6825 MHz)



Channel 207 (6985 MHz)



802.11be-EHT320 In-Band Emission- Ant 11 (Nss = 4)

Channel 95 (6425 MHz)



Channel 159 (6745 MHz)

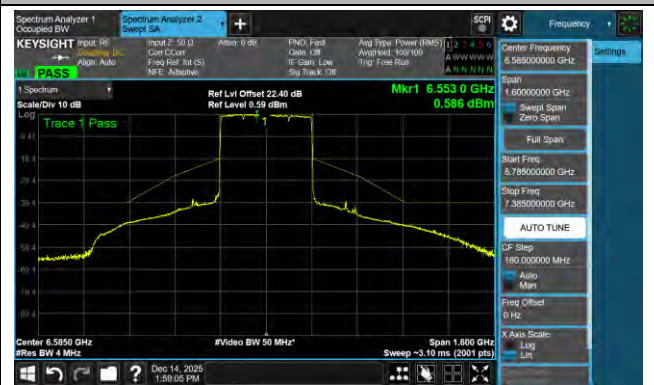


802.11be-EHT320 In-Band Emission- Ant 11 (Nss = 4)

Channel 63 (6265 MHz)



Channel 127 (6585 MHz)

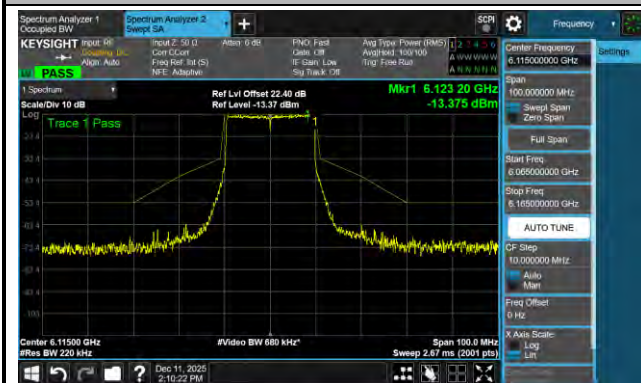


Channel 191 (6905 MHz)

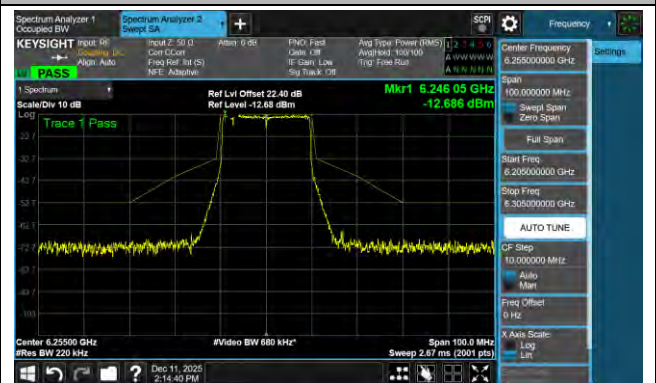


802.11ax-HE20 In-Band Emission- Ant 12 (Nss = 4)

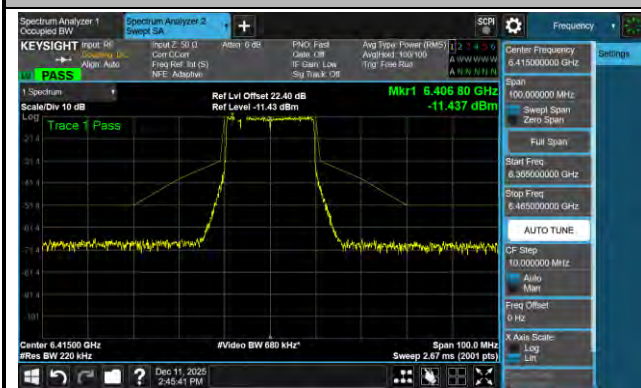
Channel 33 (6115 MHz)



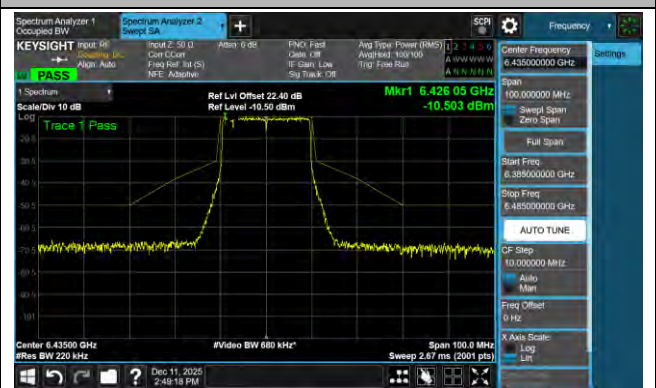
Channel 61 (6255 MHz)



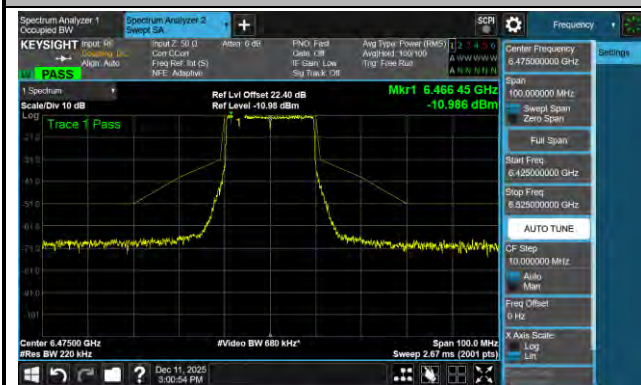
Channel 93 (6415 MHz)



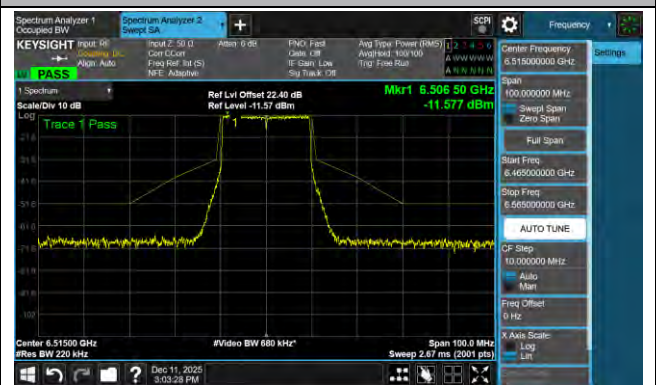
Channel 97 (6435 MHz)



Channel 105 (6475 MHz)

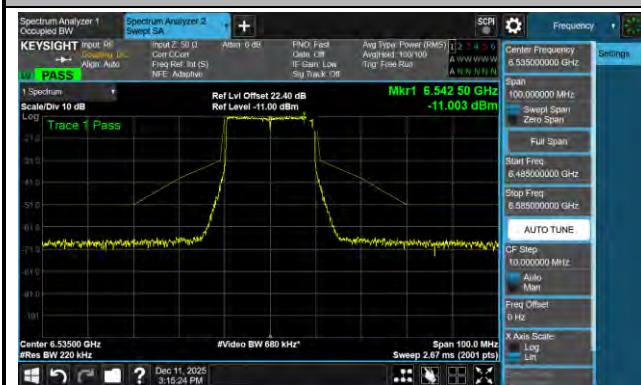


Channel 113 (6515 MHz)

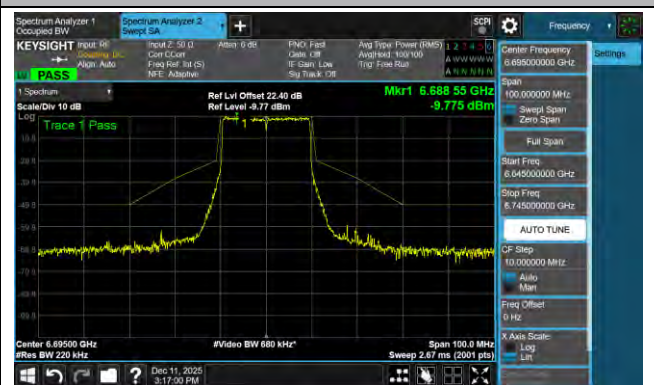


802.11ax-HE20 In-Band Emission- Ant 12 (Nss = 4)

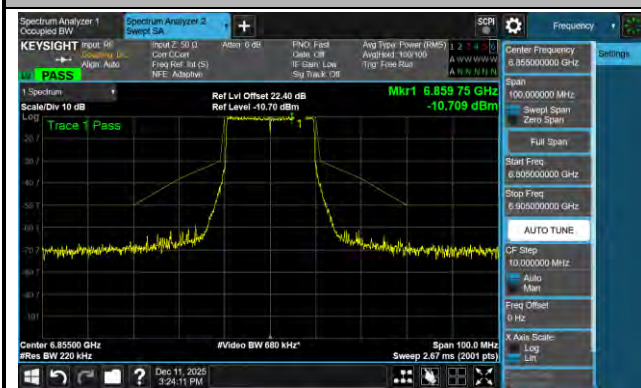
Channel 117 (6535 MHz)



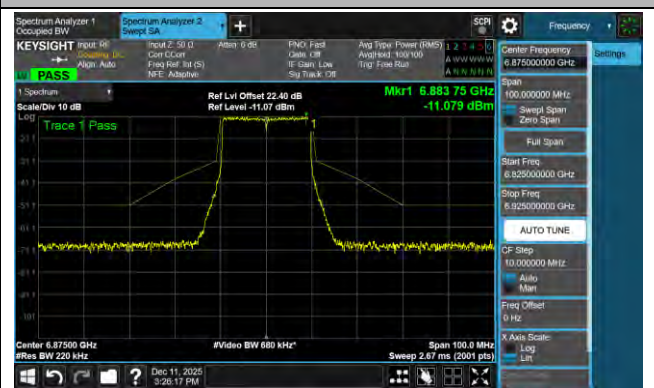
Channel 149 (6695 MHz)



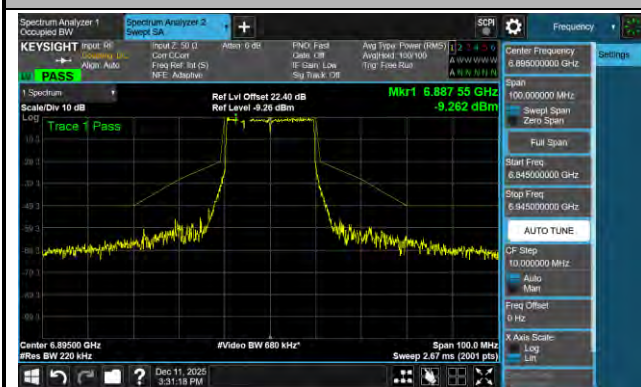
Channel 181 (6855 MHz)



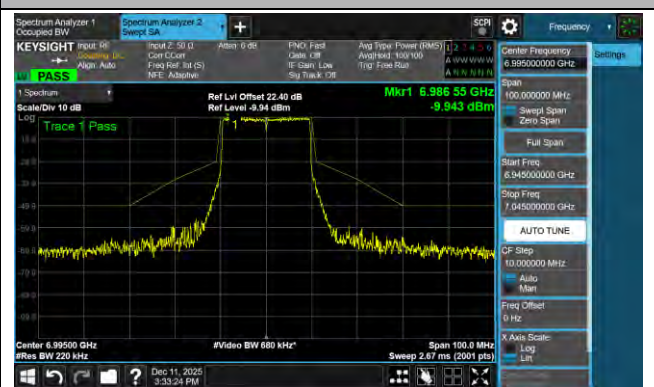
Channel 185 (6875 MHz)



Channel 189 (6895 MHz)

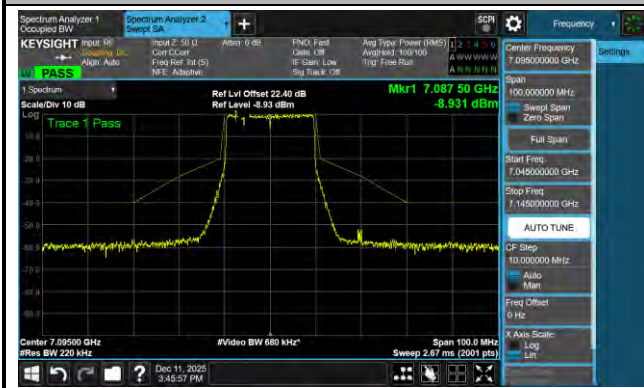


Channel 209 (6995 MHz)



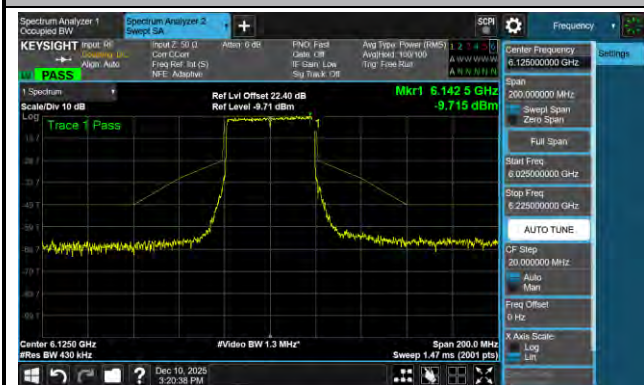
802.11ax-HE20 In-Band Emission- Ant 12 (Nss = 4)

Channel 229 (7095 MHz)

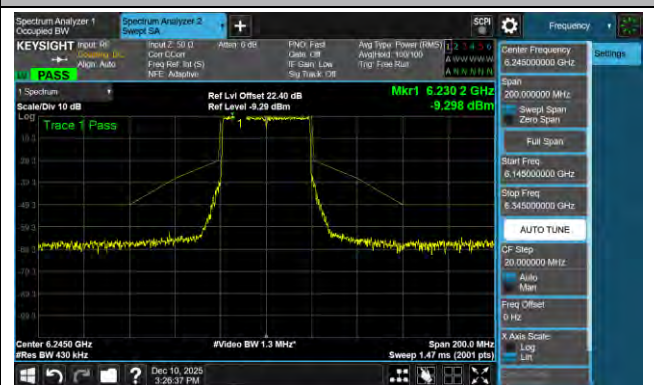


802.11ax-HE40 In-Band Emission- Ant 12 (Nss = 4)

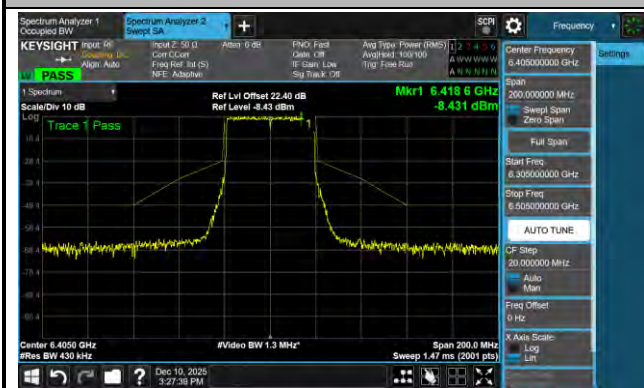
Channel 35 (6125 MHz)



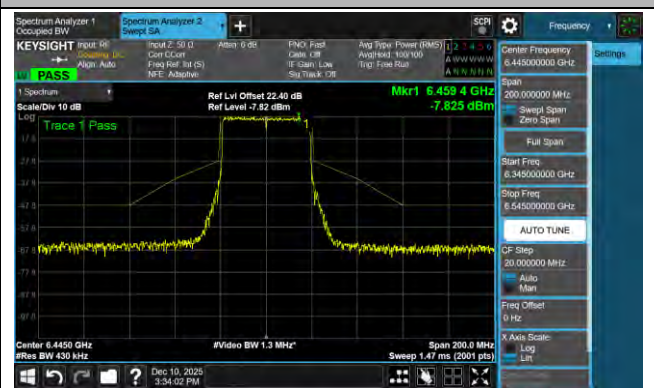
Channel 59 (6245 MHz)



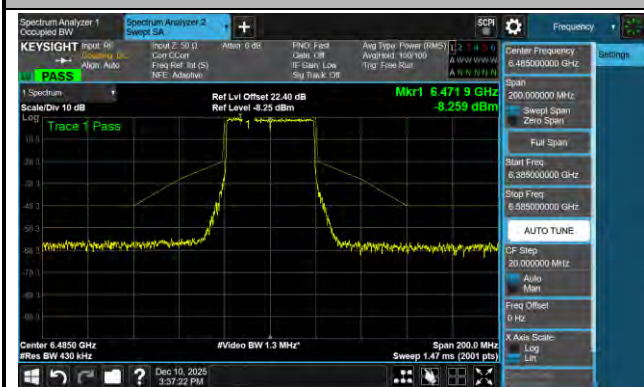
Channel 91 (6405 MHz)



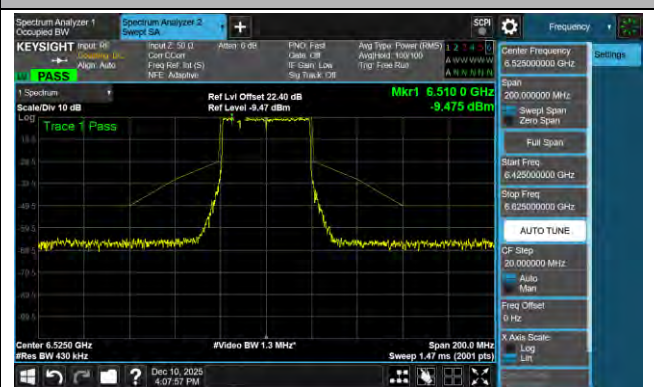
Channel 99 (6445 MHz)



Channel 107 (6485 MHz)

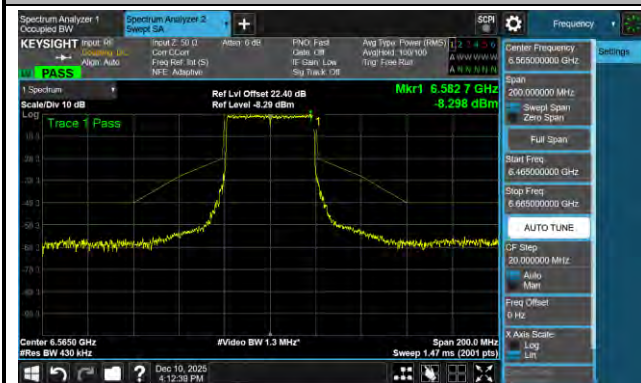


Channel 115 (6525 MHz)

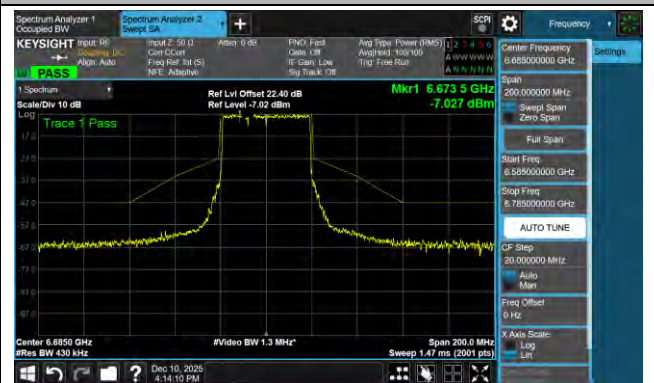


802.11ax-HE40 In-Band Emission- Ant 12 (Nss = 4)

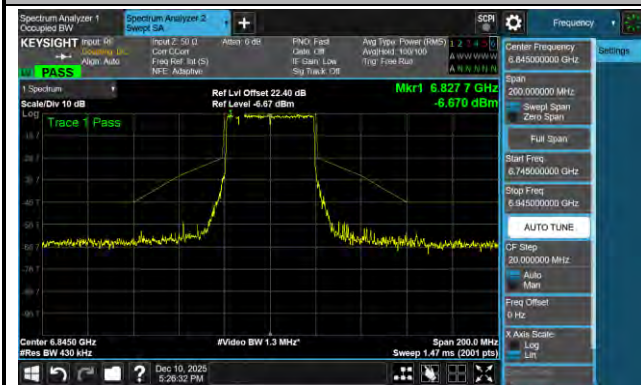
Channel 123 (6565 MHz)



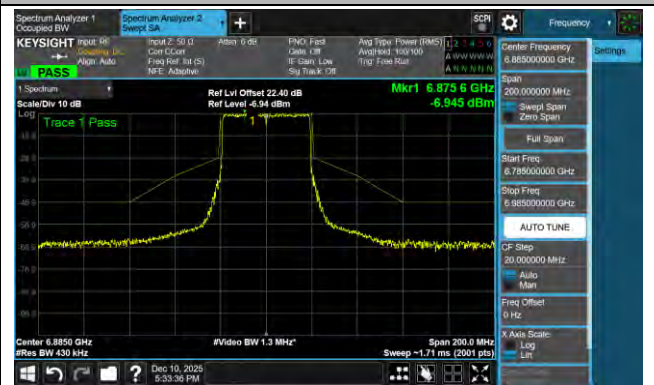
Channel 147 (6685 MHz)



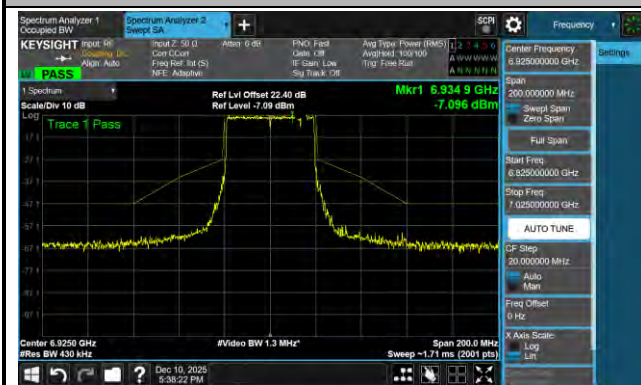
Channel 179 (6845 MHz)



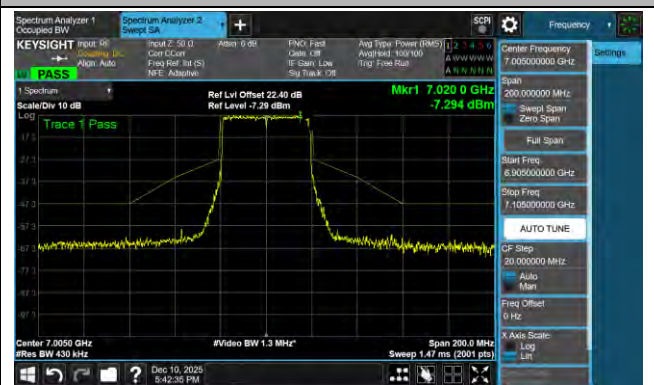
Channel 187 (6885 MHz)

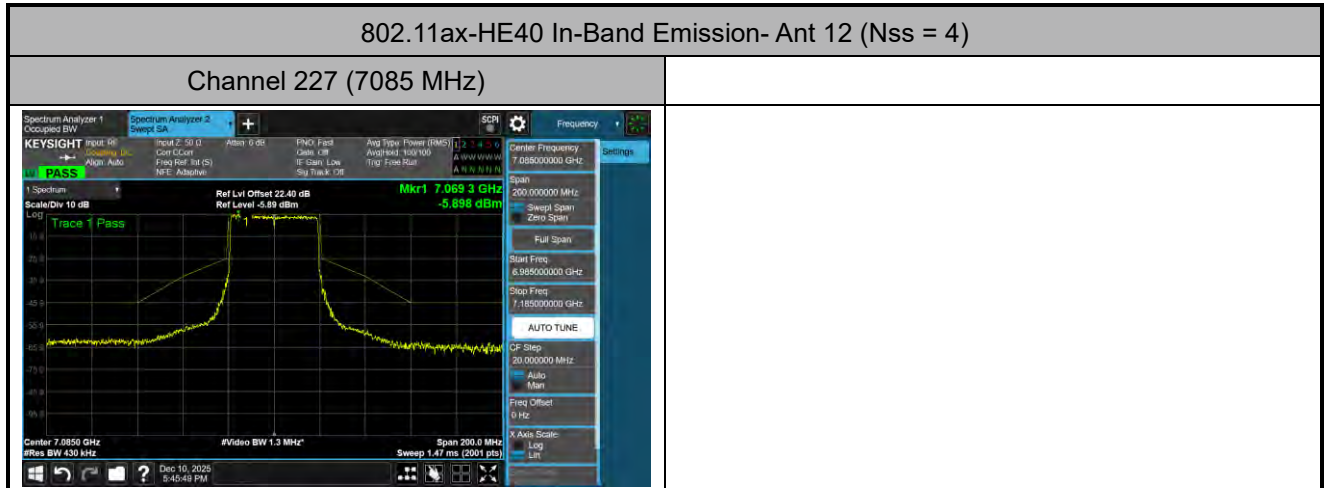


Channel 195 (6925 MHz)



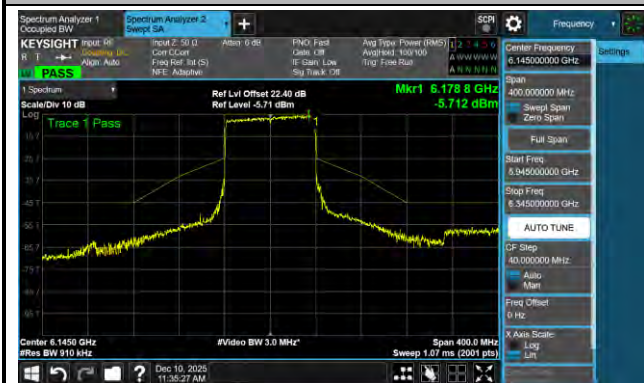
Channel 211 (7005 MHz)



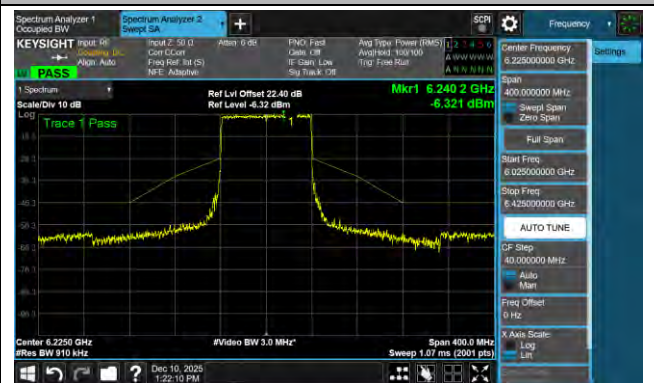


802.11ax-HE80 In-Band Emission- Ant 12 (Nss = 4)

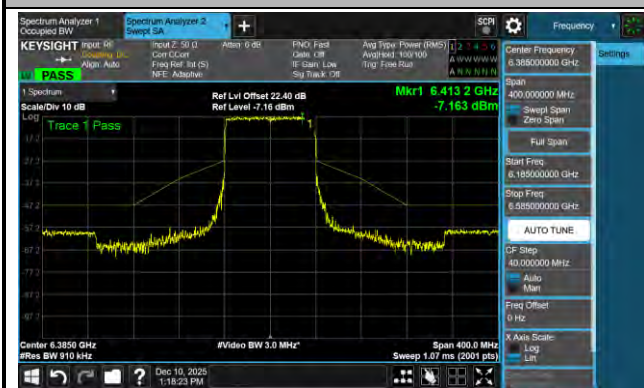
Channel 39 (6145 MHz)



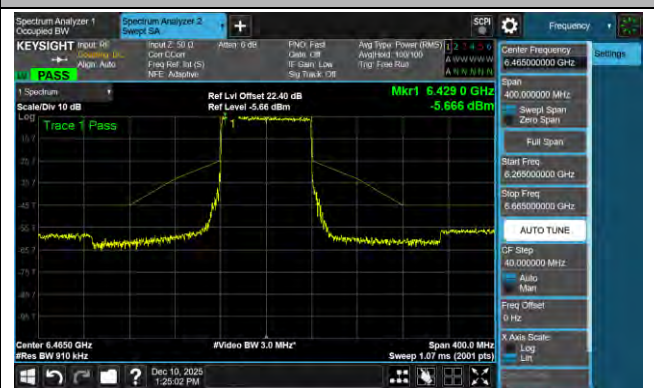
Channel 55 (6225 MHz)



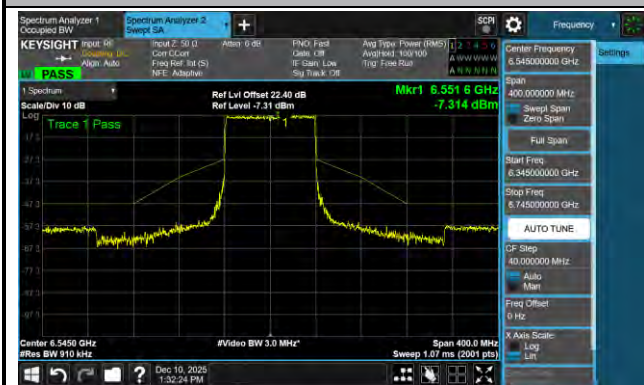
Channel 87 (6385 MHz)



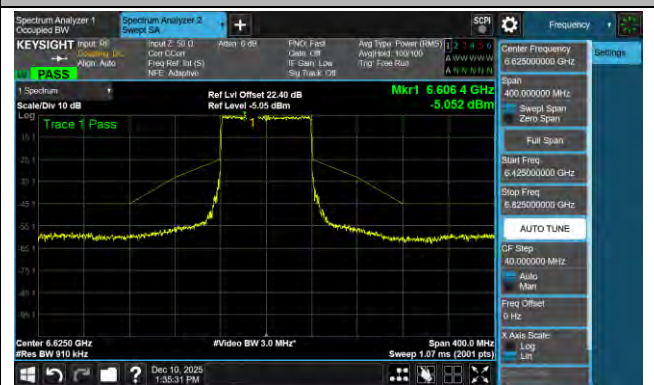
Channel 103 (6465 MHz)



Channel 119 (6545 MHz)

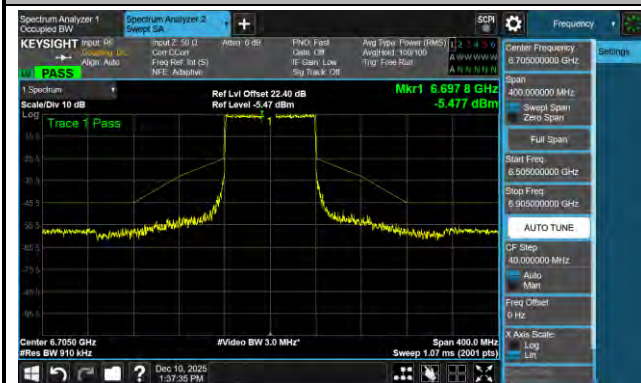


Channel 135 (6625 MHz)

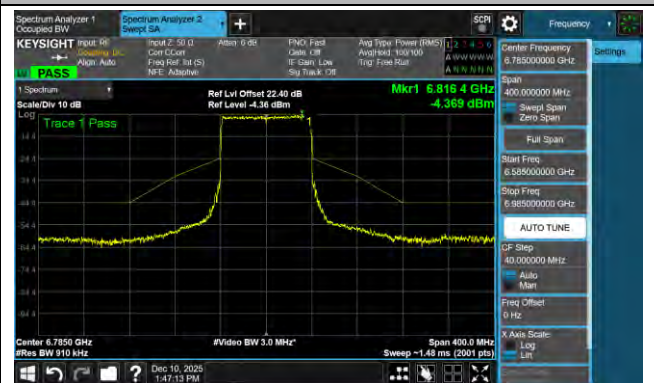


802.11ax-HE80 In-Band Emission- Ant 12 (Nss = 4)

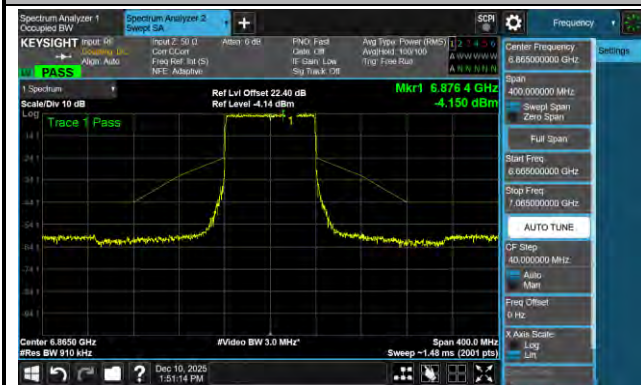
Channel 151 (6705 MHz)



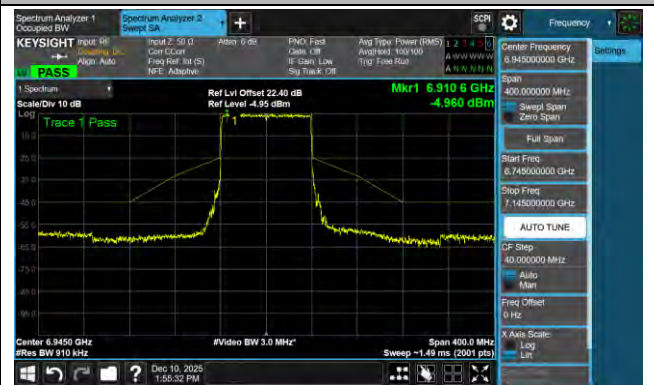
Channel 167 (6785 MHz)



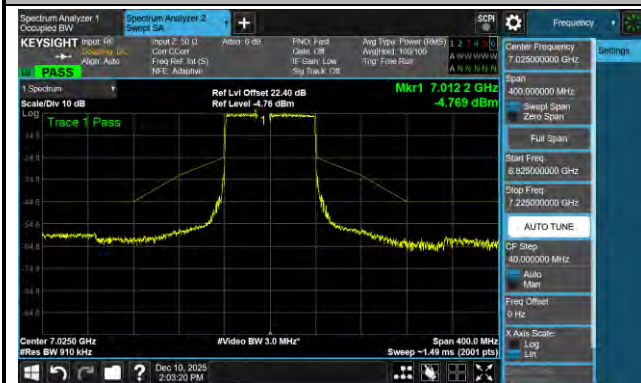
Channel 183 (6865 MHz)



Channel 199 (6945 MHz)

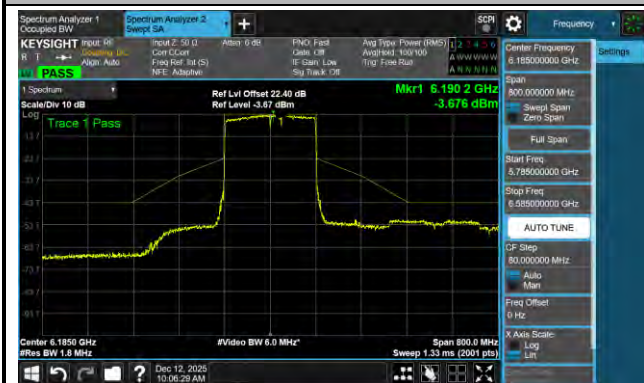


Channel 215 (7025 MHz)

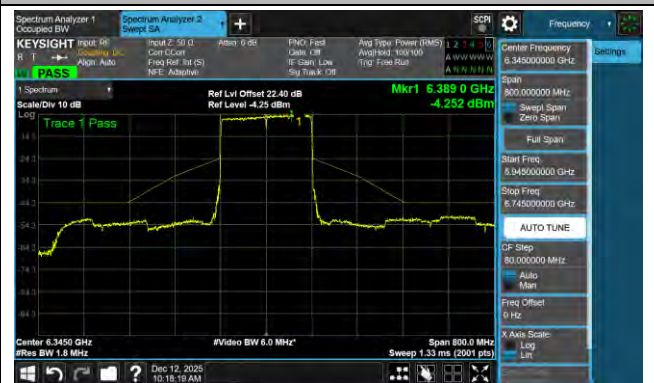


802.11ax-HE160 In-Band Emission- Ant 12 (Nss = 4)

Channel 47 (6185 MHz)



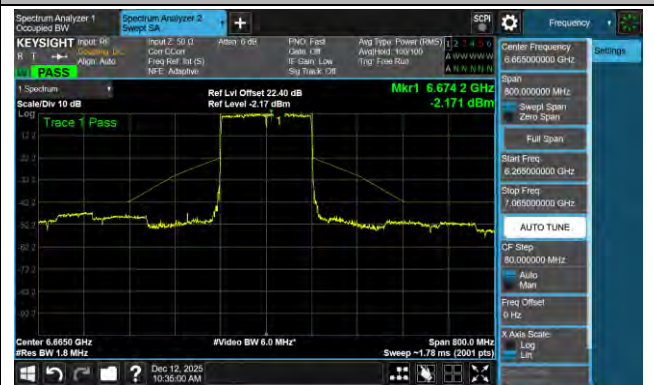
Channel 79 (6345 MHz)



Channel 111 (6505 MHz)



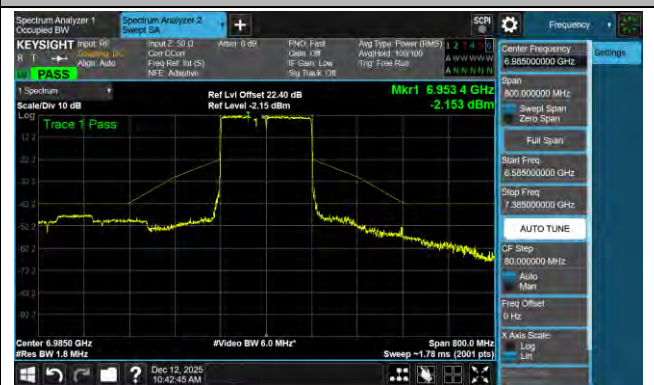
Channel 143 (6665 MHz)



Channel 175 (6825 MHz)

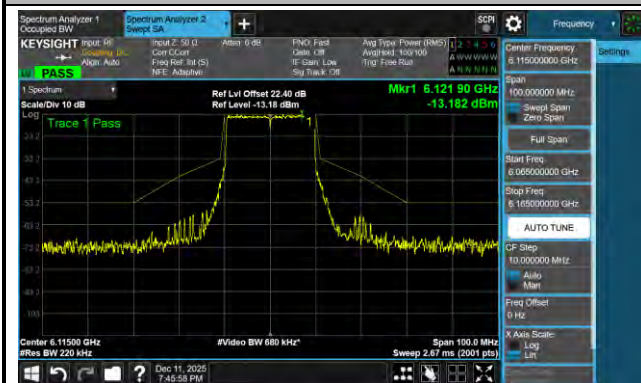


Channel 207 (6985 MHz)

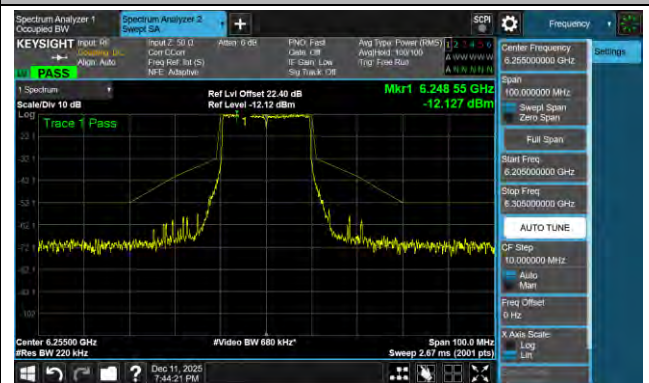


802.11be-EHT20 In-Band Emission- Ant 12 (Nss = 4)

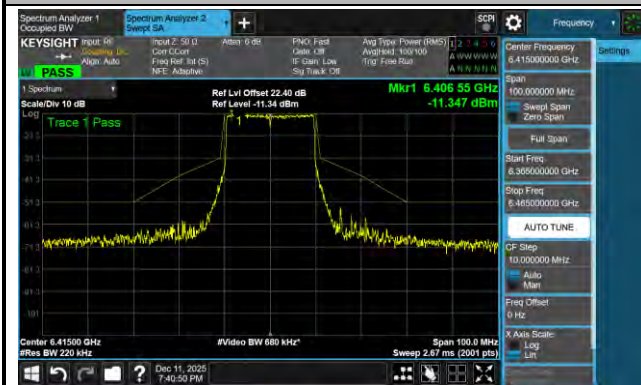
Channel 33 (6115 MHz)



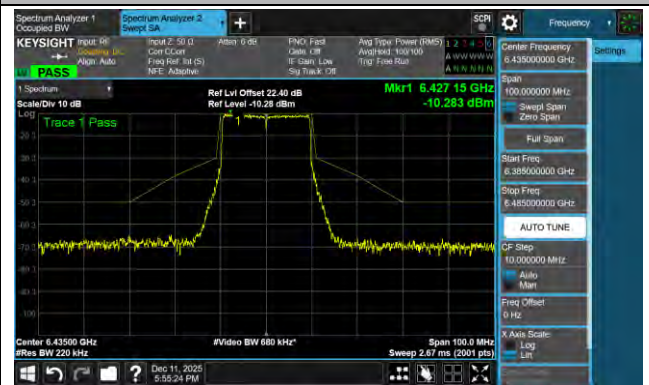
Channel 61 (6255 MHz)



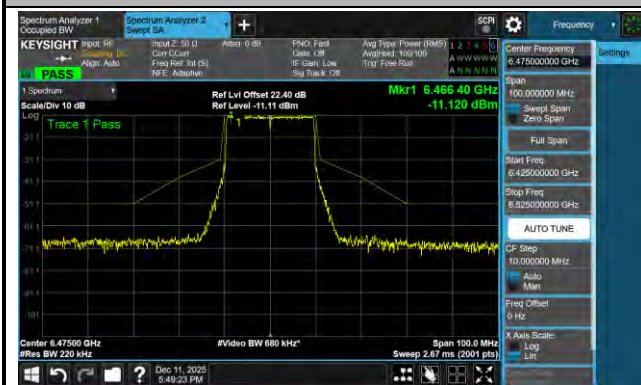
Channel 93 (6415 MHz)



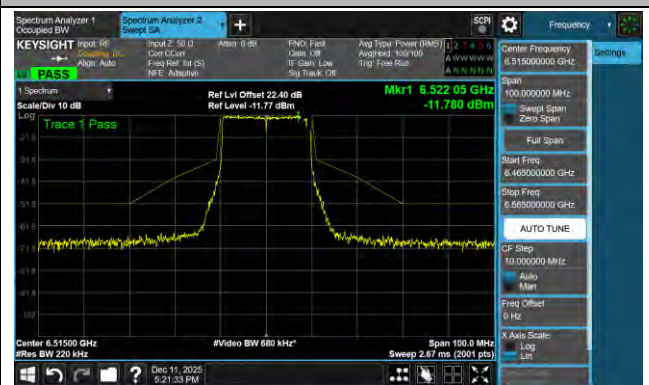
Channel 97 (6435 MHz)



Channel 105 (6475 MHz)

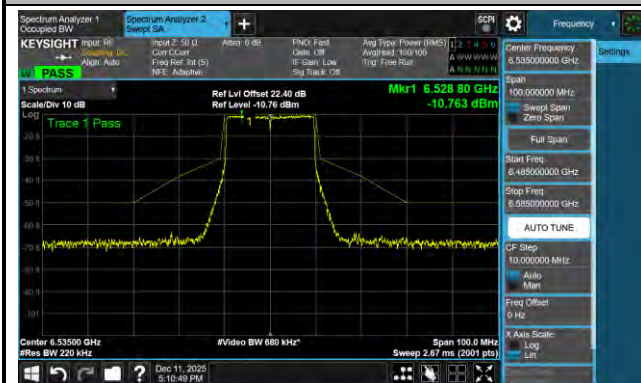


Channel 113 (6515 MHz)

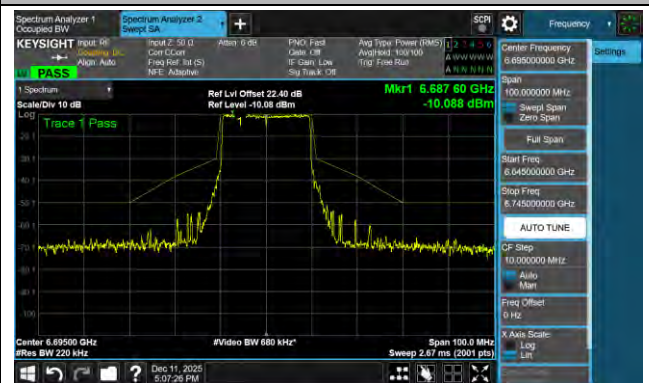


802.11be-EHT20 In-Band Emission- Ant 12 (Nss = 4)

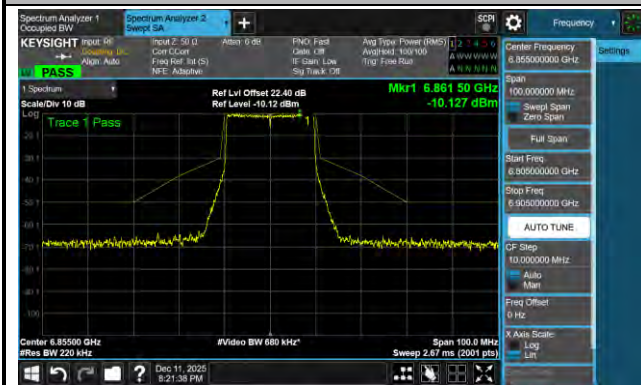
Channel 117 (6535 MHz)



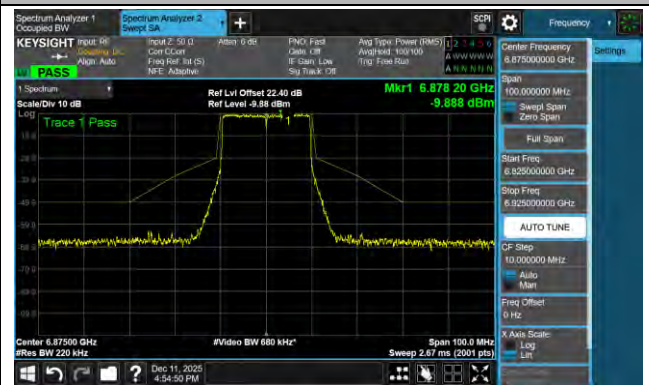
Channel 149 (6695 MHz)



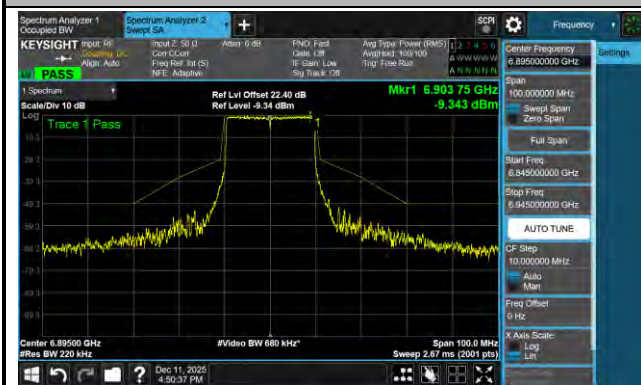
Channel 181 (6855 MHz)



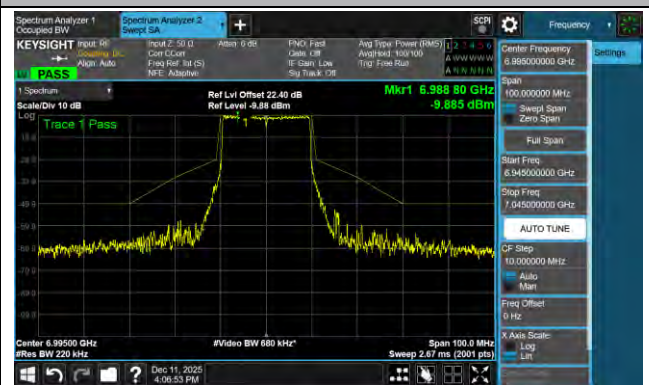
Channel 185 (6875 MHz)

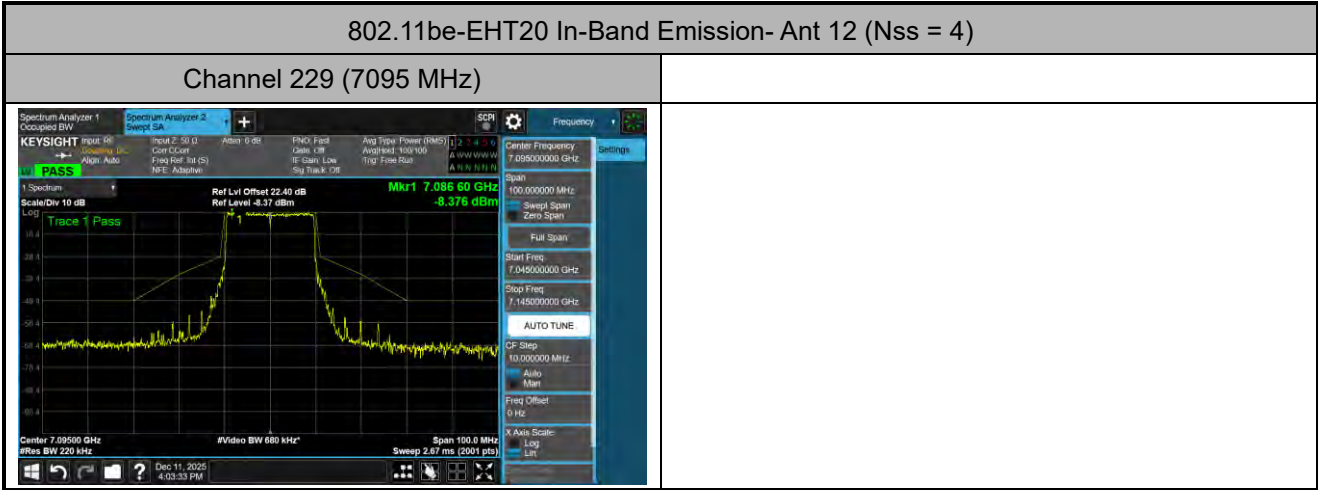


Channel 189 (6895 MHz)



Channel 209 (6995 MHz)



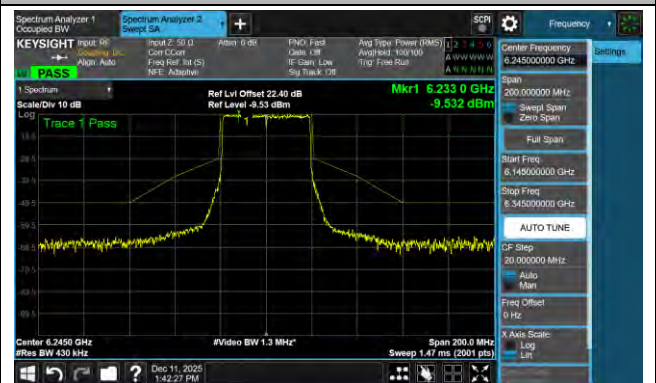


802.11be-EHT40 In-Band Emission- Ant 12 (Nss = 4)

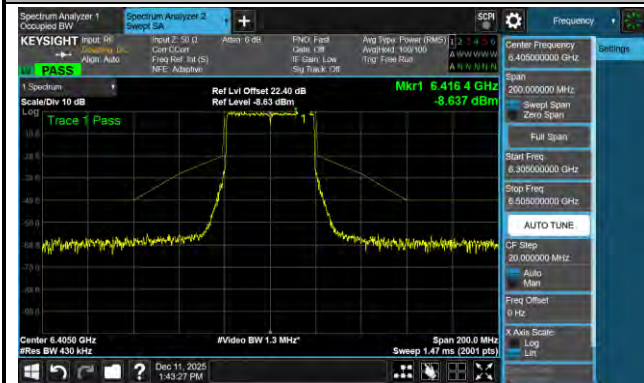
Channel 35 (6125 MHz)



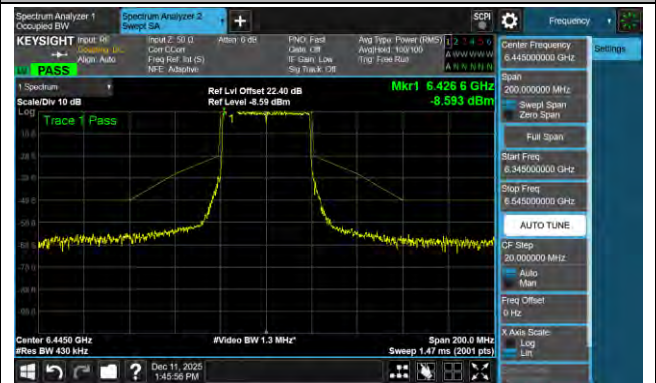
Channel 59 (6245 MHz)



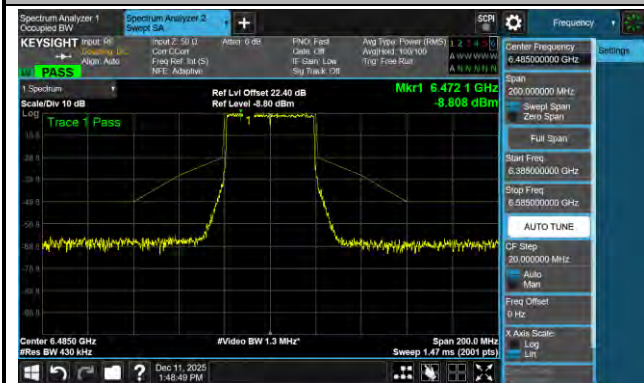
Channel 91 (6405 MHz)



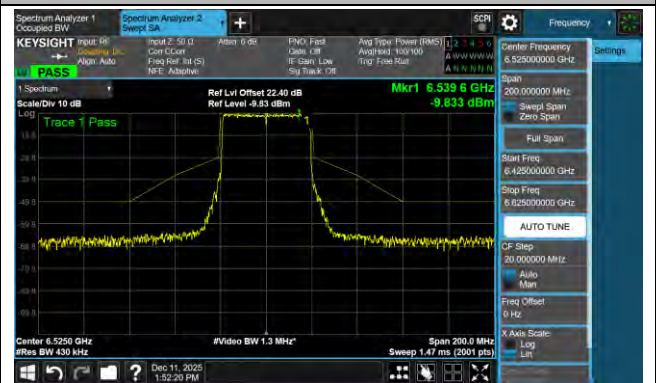
Channel 99 (6445 MHz)



Channel 107 (6485 MHz)

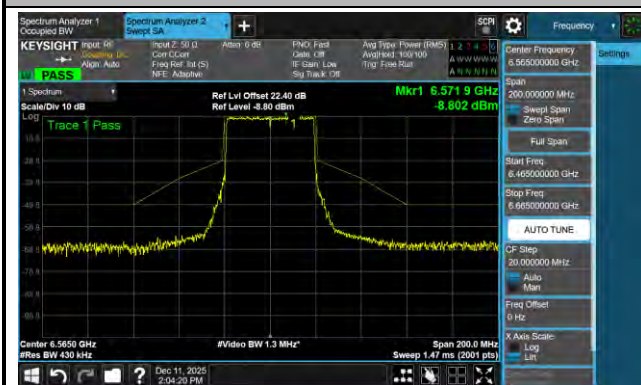


Channel 115 (6525 MHz)

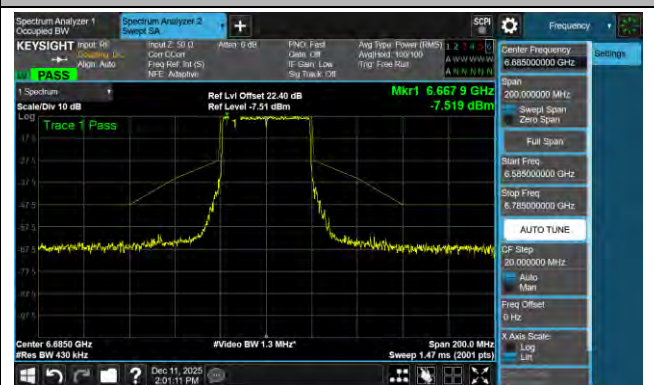


802.11be-EHT40 In-Band Emission- Ant 12 (Nss = 4)

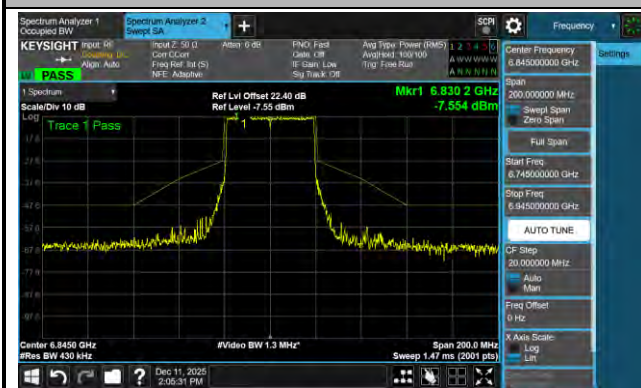
Channel 123 (6565 MHz)



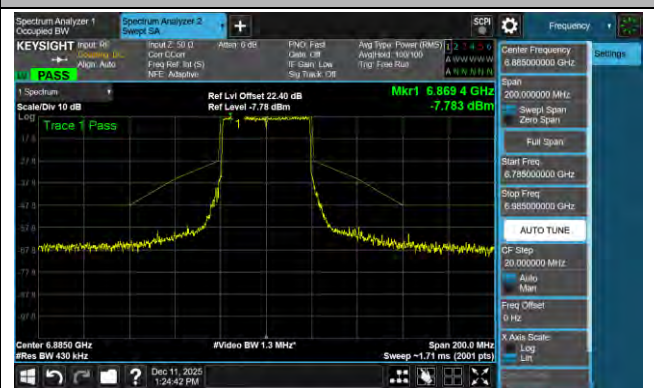
Channel 147 (6685 MHz)



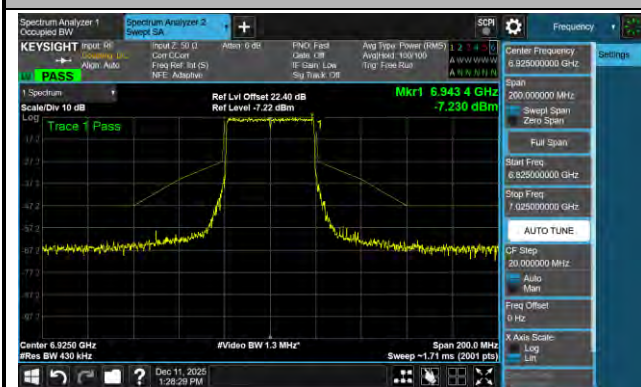
Channel 179 (6845 MHz)



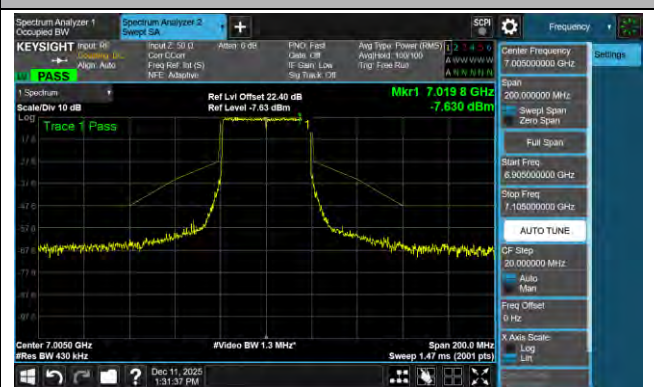
Channel 187 (6885 MHz)

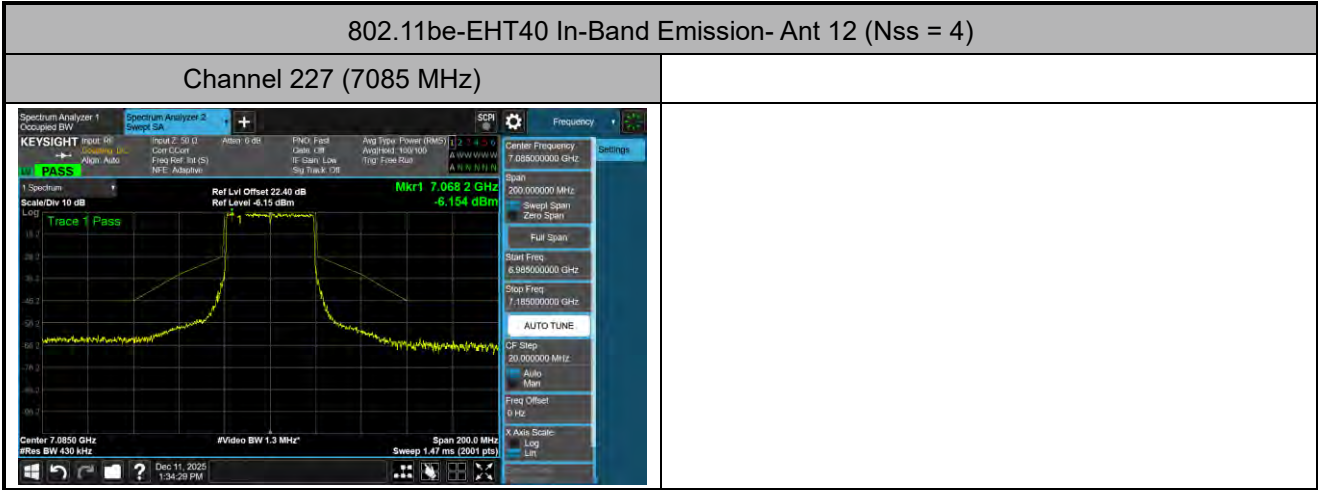


Channel 195 (6925 MHz)



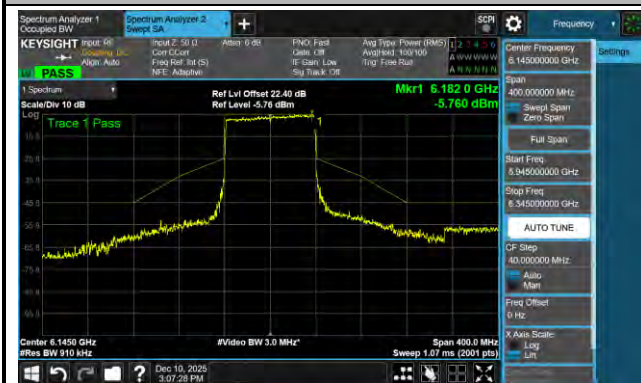
Channel 211 (7005 MHz)



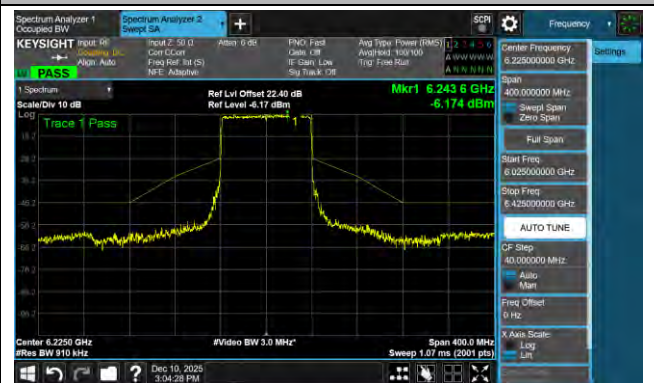


802.11be-EHT80 In-Band Emission- Ant 12 (Nss = 4)

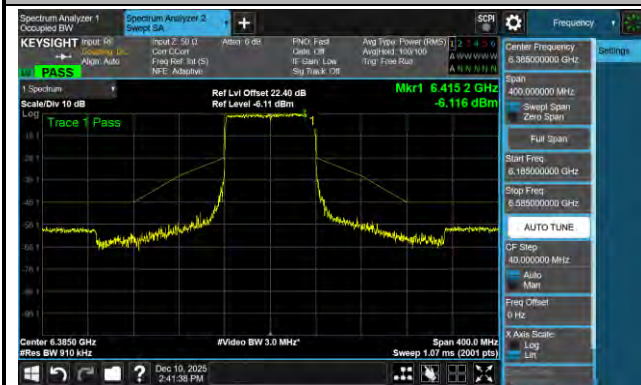
Channel 39 (6145 MHz)



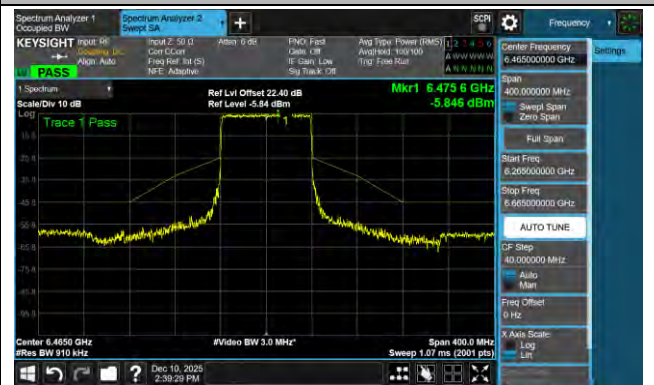
Channel 55 (6225 MHz)



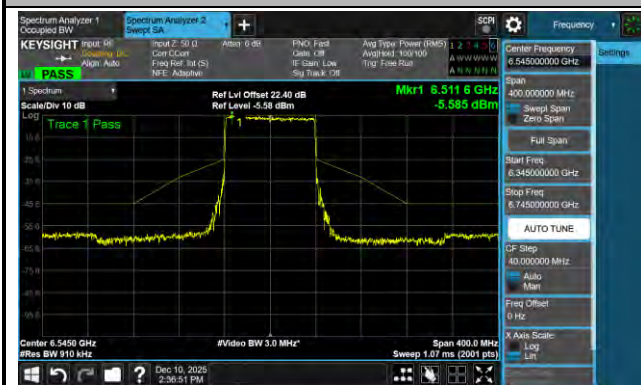
Channel 87 (6385 MHz)



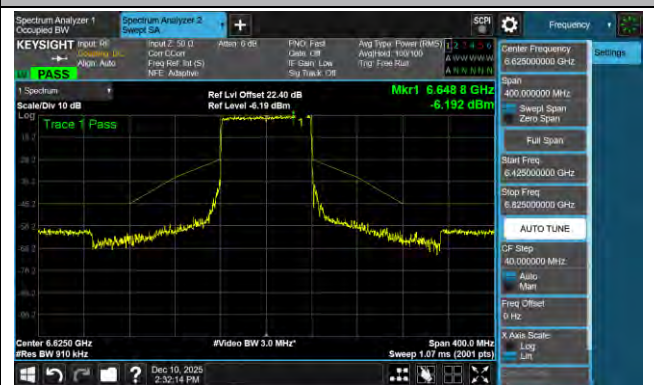
Channel 103 (6465 MHz)



Channel 119 (6545 MHz)

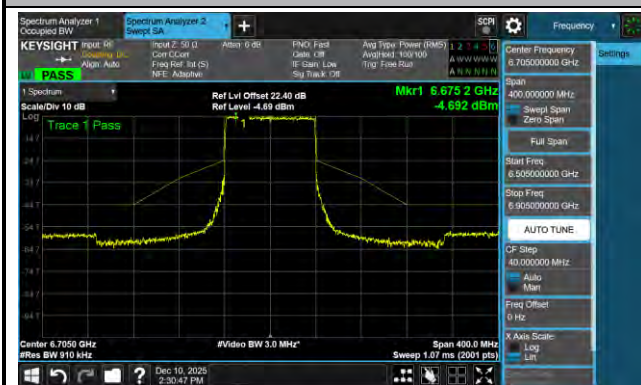


Channel 135 (6625 MHz)

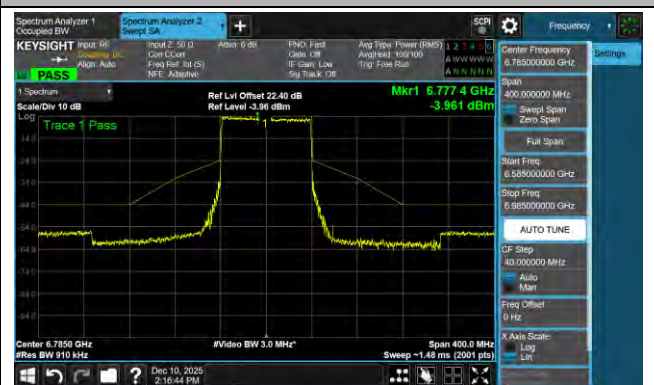


802.11be-EHT80 In-Band Emission- Ant 12 (Nss = 4)

Channel 151 (6705 MHz)



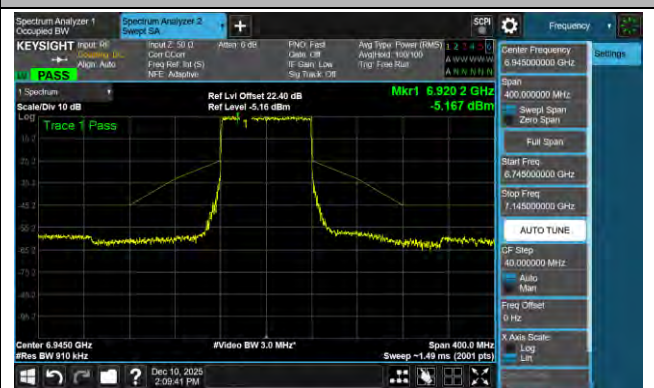
Channel 167 (6785 MHz)



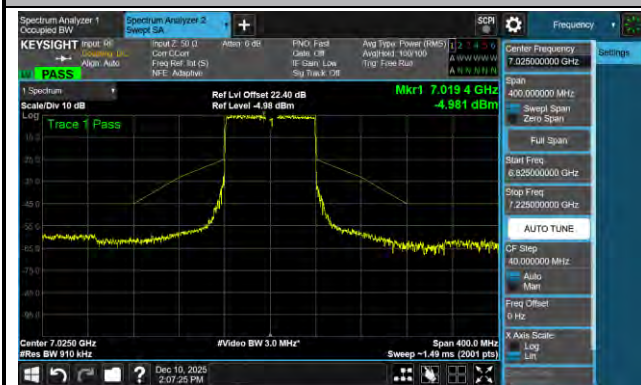
Channel 183 (6865 MHz)



Channel 199 (6945 MHz)



Channel 215 (7025 MHz)

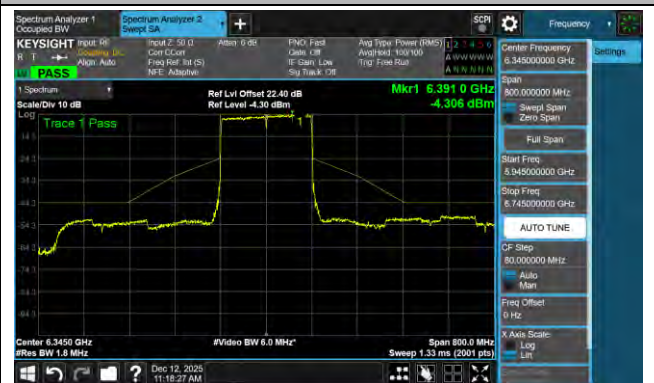


802.11be-EHT160 In-Band Emission- Ant 12 (Nss = 4)

Channel 47 (6185 MHz)



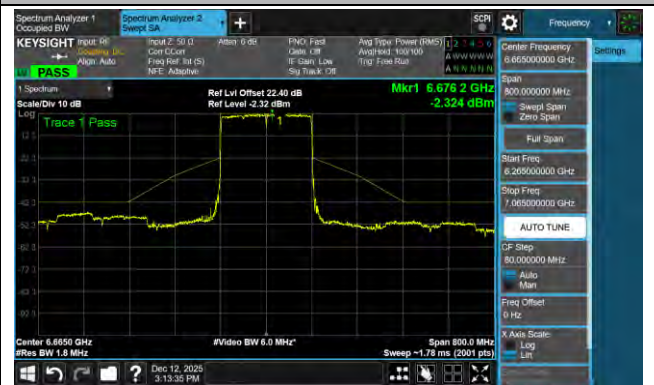
Channel 79 (6345 MHz)



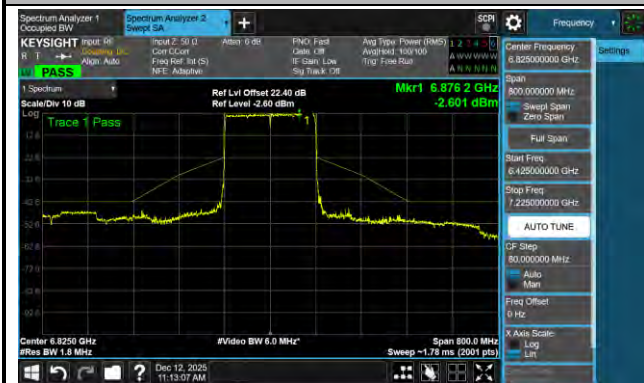
Channel 111 (6505 MHz)



Channel 143 (6665 MHz)



Channel 175 (6825 MHz)



Channel 207 (6985 MHz)



802.11be-EHT320 In-Band Emission- Ant 12 (Nss = 4)

Channel 95 (6425 MHz)



Channel 159 (6745 MHz)



802.11be-EHT320 In-Band Emission- Ant 12 (Nss = 4)

Channel 63 (6265 MHz)



Channel 127 (6585 MHz)



Channel 191 (6905 MHz)



A.6 Frequency Stability Test Result

Test Site	WJ-TR1	Test Engineer	Layla Gui
Test Date	2025-12-15		
Test Mode	6115 MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	11.25	10.92	10.86	10.80
		- 20	9.98	9.99	9.98	9.98
		- 10	9.86	9.99	10.13	10.36
		0	9.23	9.14	9.08	8.97
		+ 10	4.29	4.28	4.27	4.26
		+ 20	2.46	2.29	2.20	2.09
		+ 30	-0.87	-0.98	-1.08	-1.20
		+ 40	-6.00	-6.04	-6.07	-6.10
		+ 50	-6.99	-7.11	-7.22	-7.32
115	138	+ 20	2.71	2.61	2.51	2.44
85	102	+ 20	2.20	2.15	2.08	2.03

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

A.7 Contention Based Protocol Test Result

Test Site	WJ-SR7	Test Engineer	Jake Lan
Test Date	2025-12-04 ~ 2025-12-05		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
33	20	6115	6115	-62	3.84	-65.84	≤ -62.0	10	100	90	Pass
63	320	6265	6110	-61	3.84	-64.84	≤ -62.0	10	100	90	Pass
63	320	6265	6265	-67	3.84	-70.84	≤ -62.0	10	100	90	Pass
63	320	6265	6420	-65	3.84	-68.84	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6435	6435	-69	3.84	-72.84	≤ -62.0	10	100	90	Pass
95	320	6425	6270	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass
95	320	6425	6425	-67	3.84	-70.84	≤ -62.0	10	100	90	Pass
95	320	6425	6580	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
153	20	6715	6715	-68	3.84	-71.84	≤ -62.0	10	100	90	Pass
159	320	6745	6590	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass
159	320	6745	6745	-66	3.84	-69.84	≤ -62.0	10	100	90	Pass
159	320	6745	6900	-65	3.84	-68.84	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-64	3.84	-67.84	≤ -62.0	10	100	90	Pass
191	320	6905	6750	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass
191	320	6905	6905	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass
191	320	6905	7060	-63	3.84	-66.84	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) - Antenna Gain (dBi).

Note 2: Conducted measurements are used.

Test Site	WJ-SR7	Test Engineer	Jake Lan
Test Date	2025-12-04 ~ 2025-12-05		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-62	ON
			-63	Minimal
			-71	OFF
320	6265	6110	-61	ON
			-62	Minimal
			-63	OFF
320	6265	6265	-67	ON
			-68	Minimal
			-72	OFF
320	6265	6420	-65	ON
			-66	Minimal
			-69	OFF
Operation Band: U-NII 6				
20	6435	6435	-69	ON
			-70	Minimal
			-73	OFF
320	6425	6270	-63	ON
			-64	Minimal
			-67	OFF
320	6425	6425	-67	ON
			-68	Minimal
			-74	OFF
320	6425	6580	-63	ON
			-64	Minimal
			-67	OFF

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6715	6715	-68	ON
			-69	Minimal
			-72	OFF
320	6745	6590	-63	ON
			-64	Minimal
			-67	OFF
320	6745	6745	-66	ON
			-67	Minimal
			-72	OFF
320	6745	6900	-65	ON
			-66	Minimal
			-69	OFF
Operation Band: U-NII 8				
20	7015	7015	-64	ON
			-65	Minimal
			-72	OFF
320	6905	6750	-63	ON
			-64	Minimal
			-66	OFF
320	6905	6905	-63	ON
			-64	Minimal
			-68	OFF
320	6905	7060	-63	ON
			-64	Minimal
			-67	OFF
Note: OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds				

EUT Tx Waveform

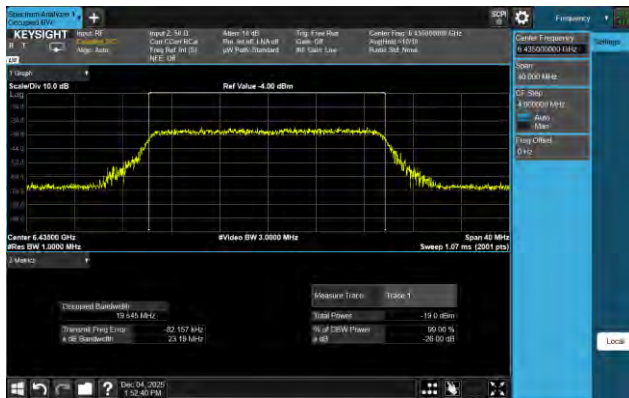
802.11be-EHT20 / CH33



802.11be-EHT320 / CH63



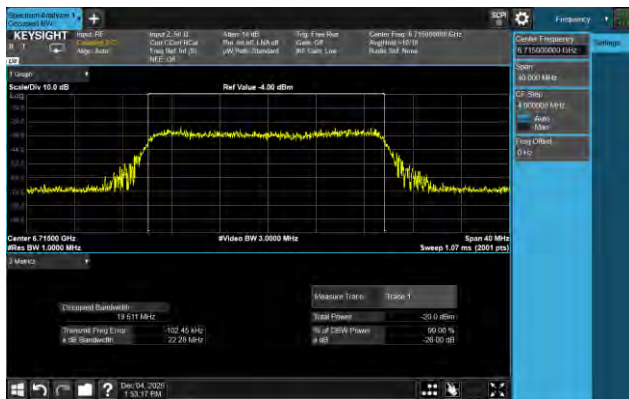
802.11be-EHT20 / CH97



802.11be-EHT320 / CH95



802.11be-EHT20 / CH153



802.11be-EHT320 / CH159



802.11be-EHT20 / CH213

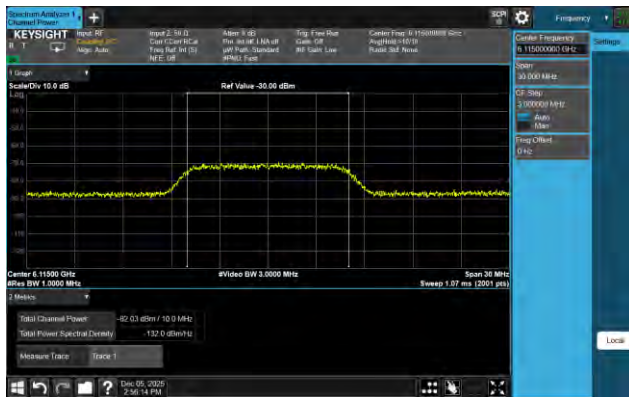


802.11be-EHT320 / CH191

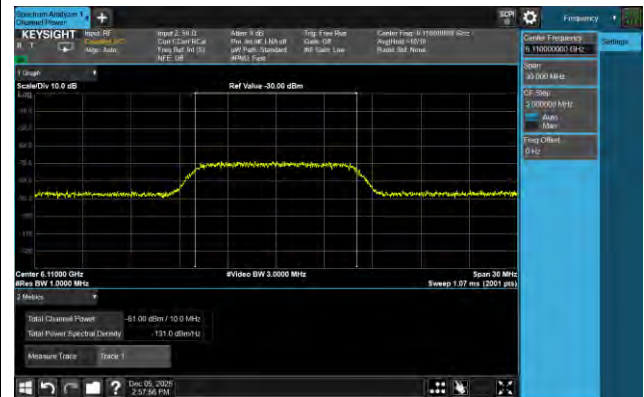


Incumbent Signal Calibration Plots (NII-5 Band)

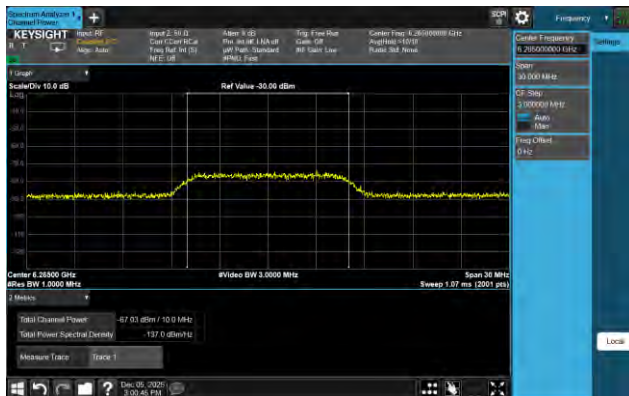
802.11be-EHT20 / CH33



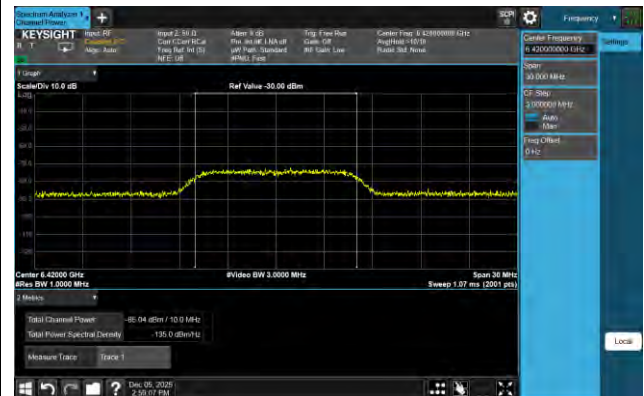
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

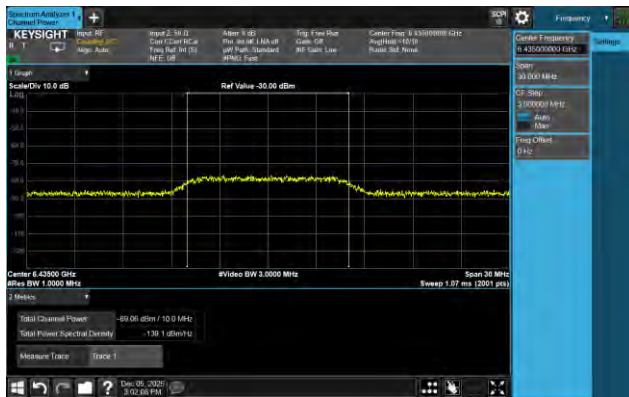


802.11be-EHT320 / CH63 (High Edge)

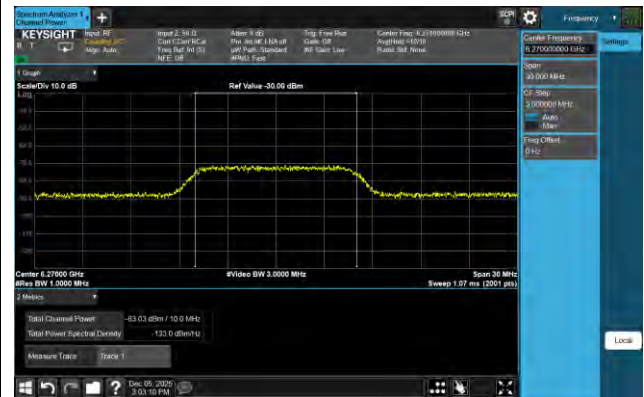


Incumbent Signal Calibration Plots (NII-6 Band)

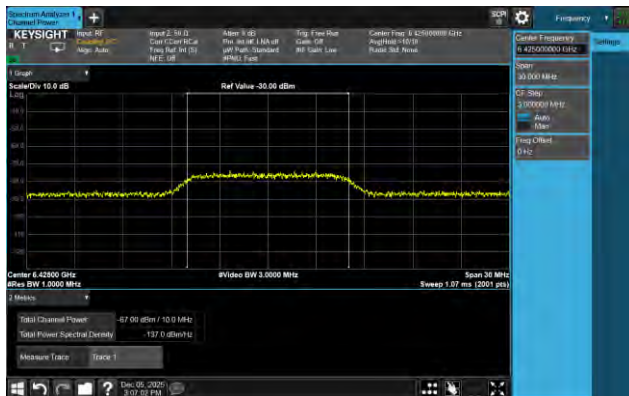
802.11be-EHT20 / CH97



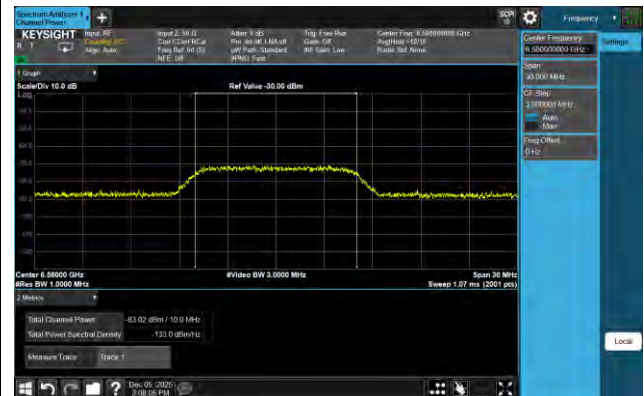
802.11be-EHT80 / CH95 (Low Edge)



802.11be-EHT80 / CH95 (Middle)

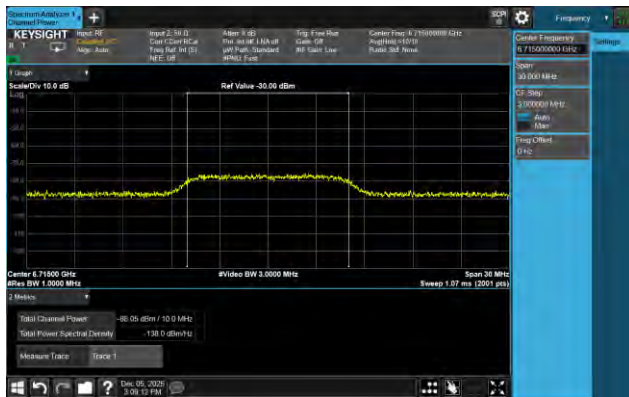


802.11be-EHT80 / CH95 (High Edge)

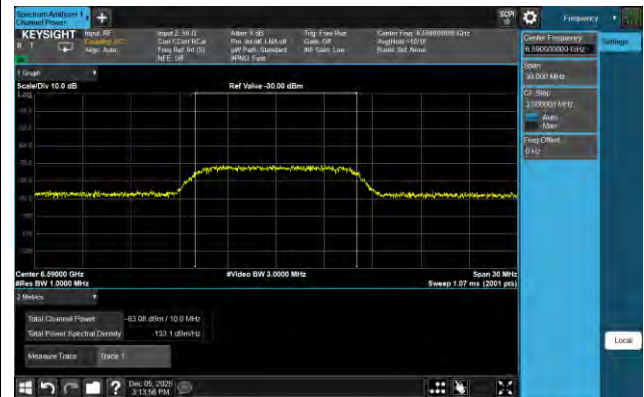


Incumbent Signal Calibration Plots (NII-7 Band)

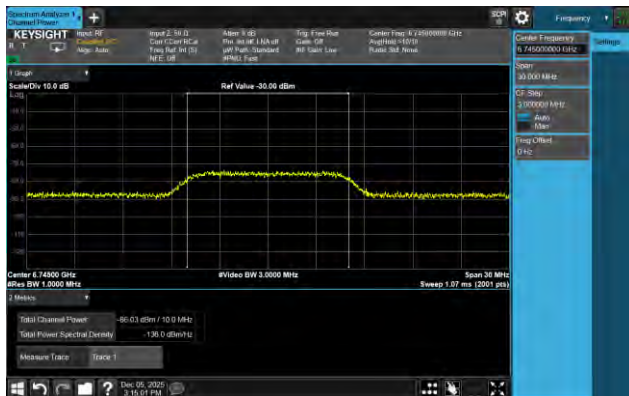
802.11be-EHT20 / CH153



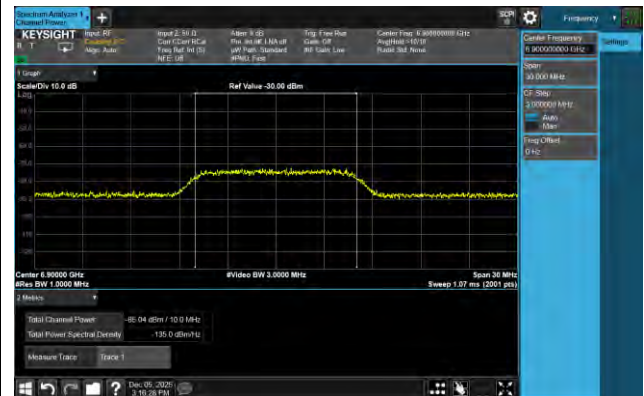
802.11be-EHT320 / CH159 (Low Edge)



802.11be-EHT320 / CH159 (Middle)

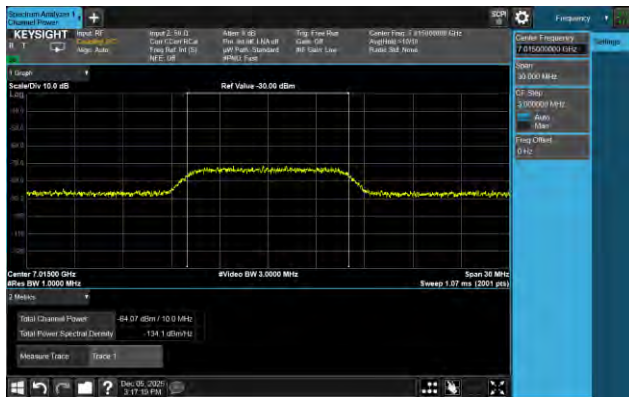


802.11be-EHT320 / CH159 (High Edge)

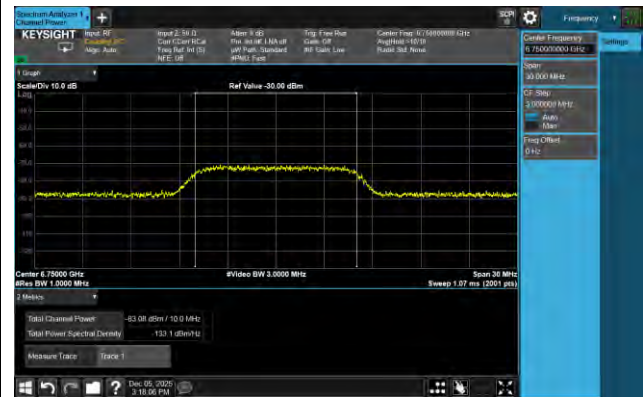


Incumbent Signal Calibration Plots (NII-8 Band)

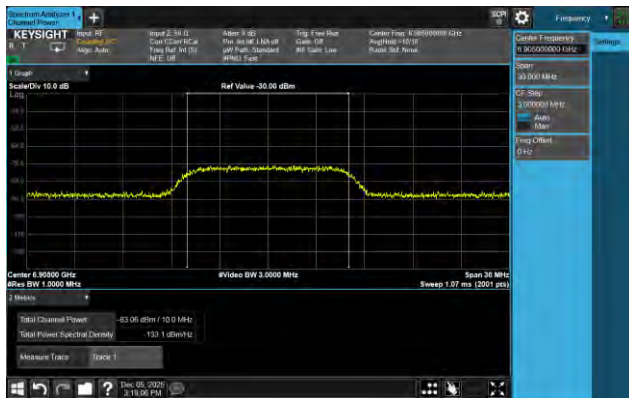
802.11be-EHT20 / CH213



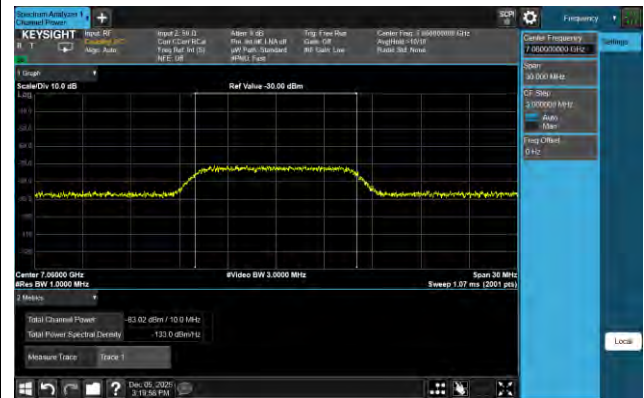
802.11be-EHT320 / CH207 (Low Edge)



802.11be-EHT320 / CH191 (Middle)



802.11be-EHT320 / CH191 (High Edge)

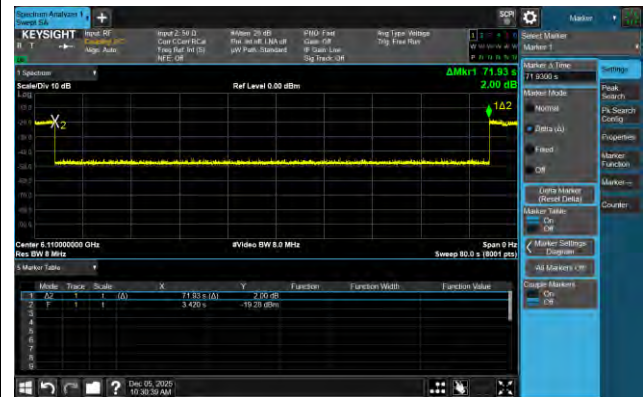


Test Result of EUT ceased transmission (NII-5 Band)

802.11be-EHT20 / CH33



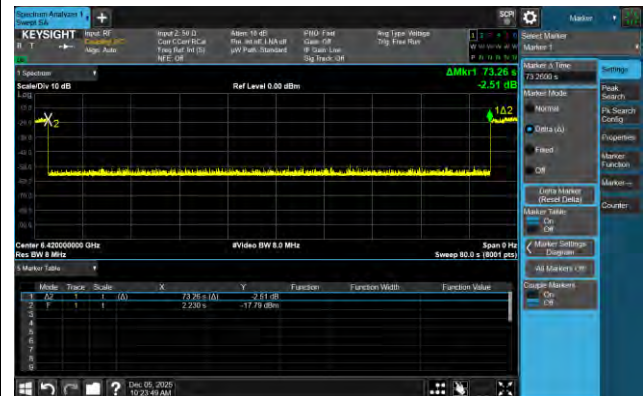
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)



802.11be-EHT320 / CH63 (High Edge)



Test Result of EUT ceased transmission (NII-6 Band)

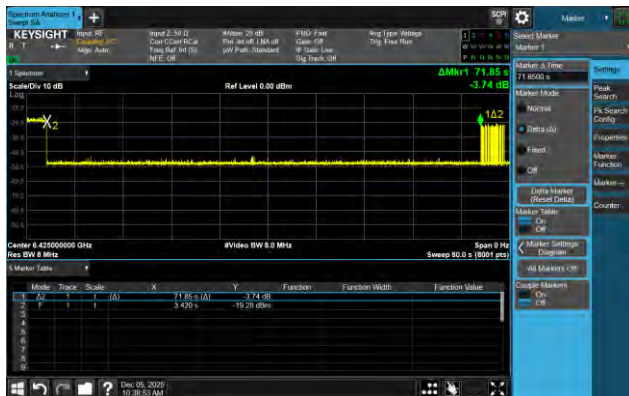
802.11be-EHT20 / CH97



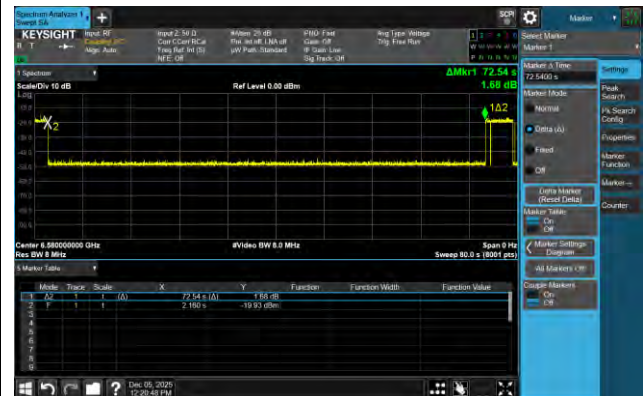
802.11be-EHT80 / CH95 (Low Edge)



802.11be-EHT80 / CH95 (Middle)



802.11be-EHT80 / CH95 (High Edge)



Test Result of EUT ceased transmission (NII-7 Band)

802.11be-EHT20 / CH153



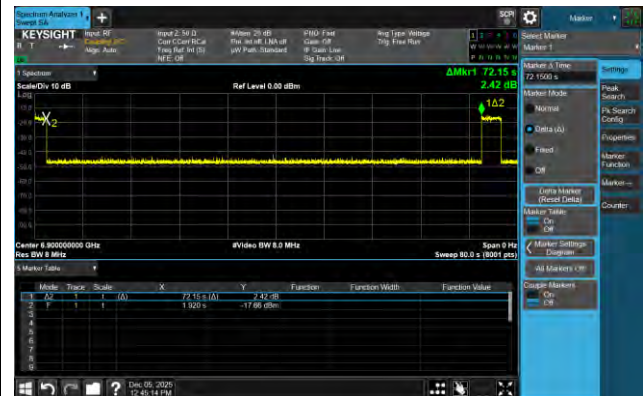
802.11be-EHT320 / CH159 (Low Edge)



802.11be-EHT320 / CH159 (Middle)



802.11be-EHT320 / CH159 (High Edge)

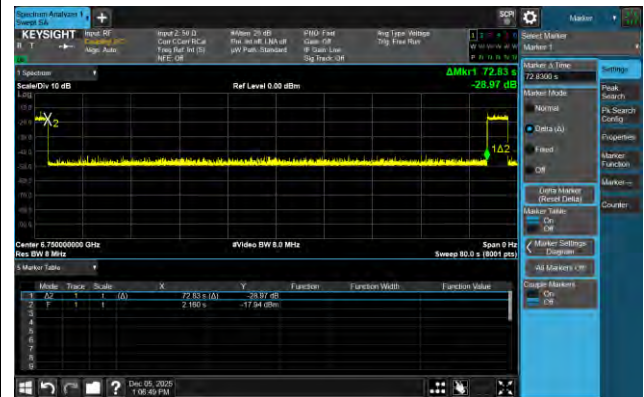


Test Result of EUT ceased transmission (NII-8 Band)

802.11be-EHT20 / CH213



802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)



802.11be-EHT320 / CH191 (High Edge)



A.8 Radiated Spurious Emission Test Result

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	33
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12240.40	28.70	21.34	50.04	74.00	-23.96	Peak	Horizontal
*	15251.10	30.26	23.23	53.49	88.20	-34.71	Peak	Horizontal
*	16993.60	28.72	28.50	57.22	88.20	-30.98	Peak	Horizontal
	17904.80	9.81	29.36	39.17	54.00	-14.83	Average	Horizontal
	17904.80	29.25	29.36	58.61	74.00	-15.39	Peak	Horizontal
	12339.00	24.76	21.54	46.30	74.00	-27.70	Peak	Vertical
*	14069.60	26.04	22.18	48.22	88.20	-39.98	Peak	Vertical
*	16971.50	23.60	28.91	52.51	88.20	-35.69	Peak	Vertical
	17879.30	9.85	30.35	40.20	54.00	-13.80	Average	Vertical
	17879.30	26.27	30.35	56.62	74.00	-17.38	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	61
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11176.20	30.63	18.97	49.60	74.00	-24.40	Peak	Horizontal
*	15047.10	25.15	23.19	48.34	88.20	-39.86	Peak	Horizontal
*	16922.20	23.90	28.68	52.58	88.20	-35.62	Peak	Horizontal
	17928.60	9.91	30.13	40.04	54.00	-13.96	Average	Horizontal
	17928.60	28.48	30.13	58.61	74.00	-15.39	Peak	Horizontal
	12260.80	29.06	21.43	50.49	74.00	-23.51	Peak	Vertical
*	14804.00	30.05	23.30	53.35	88.20	-34.85	Peak	Vertical
*	16645.10	26.53	28.63	55.16	88.20	-33.04	Peak	Vertical
	17976.20	9.96	30.30	40.26	54.00	-13.74	Average	Vertical
	17976.20	27.66	30.30	57.96	74.00	-16.04	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	93
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11929.30	28.29	20.51	48.80	74.00	-25.20	Peak	Horizontal
*	14822.70	29.10	23.19	52.29	88.20	-35.91	Peak	Horizontal
*	17048.00	27.32	28.58	55.90	88.20	-32.30	Peak	Horizontal
	17779.00	9.44	29.67	39.11	54.00	-14.89	Average	Horizontal
	17779.00	28.88	29.67	58.55	74.00	-15.45	Peak	Horizontal
	11949.70	28.69	20.45	49.14	74.00	-24.86	Peak	Vertical
*	15242.60	28.53	23.26	51.79	88.20	-36.41	Peak	Vertical
*	16827.00	27.30	28.57	55.87	88.20	-32.33	Peak	Vertical
	17983.00	9.73	30.60	40.33	54.00	-13.67	Average	Vertical
	17983.00	27.33	30.60	57.93	74.00	-16.07	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	97
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11596.10	24.98	19.61	44.59	74.00	-29.41	Peak	Horizontal
*	14351.80	28.49	22.76	51.25	88.20	-36.95	Peak	Horizontal
*	17530.80	26.89	29.18	56.07	88.20	-32.13	Peak	Horizontal
	17952.40	9.62	29.13	38.75	54.00	-15.25	Average	Horizontal
	17952.40	31.39	29.13	60.52	74.00	-13.48	Peak	Horizontal
	11874.90	25.64	20.30	45.94	74.00	-28.06	Peak	Vertical
*	14890.70	28.31	23.00	51.31	88.20	-36.89	Peak	Vertical
*	17031.00	24.22	28.57	52.79	88.20	-35.41	Peak	Vertical
	17928.60	9.68	30.13	39.81	54.00	-14.19	Average	Vertical
	17928.60	27.67	30.13	57.80	74.00	-16.20	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	105
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11820.50	24.56	20.14	44.70	74.00	-29.30	Peak	Horizontal
*	15013.10	26.65	23.06	49.71	88.20	-38.49	Peak	Horizontal
*	16876.30	24.44	28.56	53.00	88.20	-35.20	Peak	Horizontal
	17845.30	9.44	29.04	38.48	54.00	-15.52	Average	Horizontal
	17845.30	25.35	29.04	54.39	74.00	-19.61	Peak	Horizontal
	11601.20	26.26	19.63	45.89	74.00	-28.11	Peak	Vertical
*	14389.20	27.53	22.60	50.13	88.20	-38.07	Peak	Vertical
*	17469.60	24.79	28.80	53.59	88.20	-34.61	Peak	Vertical
	17872.50	9.65	30.36	40.01	54.00	-13.99	Average	Vertical
	17872.50	27.70	30.36	58.06	74.00	-15.94	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	113
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12170.70	25.91	21.16	47.07	74.00	-26.93	Peak	Horizontal
*	13937.00	25.92	22.29	48.21	88.20	-39.99	Peak	Horizontal
*	17148.30	25.33	28.51	53.84	88.20	-34.36	Peak	Horizontal
	17940.50	9.49	29.42	38.91	54.00	-15.09	Average	Horizontal
	17940.50	25.54	29.42	54.96	74.00	-19.04	Peak	Horizontal
	11976.90	29.10	20.48	49.58	74.00	-24.42	Peak	Vertical
*	14083.20	29.58	22.21	51.79	88.20	-36.41	Peak	Vertical
*	17235.00	29.18	28.71	57.89	88.20	-30.31	Peak	Vertical
	17750.10	9.71	29.95	39.66	54.00	-14.34	Average	Vertical
	17750.10	29.34	29.95	59.29	74.00	-14.71	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	117
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11540.00	27.59	19.55	47.14	74.00	-26.86	Peak	Horizontal
*	14049.20	26.67	22.35	49.02	88.20	-39.18	Peak	Horizontal
*	16786.20	25.17	28.30	53.47	88.20	-34.73	Peak	Horizontal
	17940.50	9.63	29.42	39.05	54.00	-14.95	Average	Horizontal
	17940.50	26.52	29.42	55.94	74.00	-18.06	Peak	Horizontal
	12333.90	25.84	21.51	47.35	74.00	-26.65	Peak	Vertical
*	14086.60	26.79	22.30	49.09	88.20	-39.11	Peak	Vertical
*	16876.30	26.15	28.56	54.71	88.20	-33.49	Peak	Vertical
	17892.90	9.66	29.19	38.85	54.00	-15.15	Average	Vertical
	17892.90	26.39	29.19	55.58	74.00	-18.42	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12299.90	25.01	21.48	46.49	74.00	-27.51	Peak	Horizontal
*	14275.30	28.03	22.51	50.54	88.20	-37.66	Peak	Horizontal
*	16786.20	26.50	28.30	54.80	88.20	-33.40	Peak	Horizontal
	17901.40	9.59	29.25	38.84	54.00	-15.16	Average	Horizontal
	17901.40	28.26	29.25	57.51	74.00	-16.49	Peak	Horizontal
	11946.30	26.45	20.45	46.90	74.00	-27.10	Peak	Vertical
*	13863.90	25.68	22.04	47.72	88.20	-40.48	Peak	Vertical
*	17469.60	26.33	28.80	55.13	88.20	-33.07	Peak	Vertical
	17976.20	9.70	30.30	40.00	54.00	-14.00	Average	Vertical
	17976.20	27.47	30.30	57.77	74.00	-16.23	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	181
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12565.10	25.15	22.03	47.18	74.00	-26.82	Peak	Horizontal
*	14086.60	27.36	22.30	49.66	88.20	-38.54	Peak	Horizontal
*	17238.40	25.26	28.62	53.88	88.20	-34.32	Peak	Horizontal
	17932.00	9.67	30.04	39.71	54.00	-14.29	Average	Horizontal
	17932.00	28.01	30.04	58.05	74.00	-15.95	Peak	Horizontal
	11478.80	27.72	19.38	47.10	74.00	-26.90	Peak	Vertical
*	13644.60	26.42	22.03	48.45	88.20	-39.75	Peak	Vertical
*	16832.10	25.10	28.58	53.68	88.20	-34.52	Peak	Vertical
	17940.50	9.56	29.42	38.98	54.00	-15.02	Average	Vertical
	17940.50	25.01	29.42	54.43	74.00	-19.57	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	185
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12203.00	24.52	21.21	45.73	74.00	-28.27	Peak	Horizontal
*	13644.60	25.72	22.03	47.75	88.20	-40.45	Peak	Horizontal
*	16697.80	24.97	28.45	53.42	88.20	-34.78	Peak	Horizontal
	17976.20	9.64	30.30	39.94	54.00	-14.06	Average	Horizontal
	17976.20	27.76	30.30	58.06	74.00	-15.94	Peak	Horizontal
	12366.20	26.09	21.72	47.81	74.00	-26.19	Peak	Vertical
*	14086.60	26.82	22.30	49.12	88.20	-39.08	Peak	Vertical
*	17469.60	26.65	28.80	55.45	88.20	-32.75	Peak	Vertical
	17913.30	9.68	29.62	39.30	54.00	-14.70	Average	Vertical
	17913.30	27.08	29.62	56.70	74.00	-17.30	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	189
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11851.10	27.67	20.23	47.90	74.00	-26.10	Peak	Horizontal
*	14086.60	26.99	22.30	49.29	88.20	-38.91	Peak	Horizontal
*	17515.50	27.24	29.07	56.31	88.20	-31.89	Peak	Horizontal
	17818.10	9.62	30.13	39.75	54.00	-14.25	Average	Horizontal
	17818.10	27.99	30.13	58.12	74.00	-15.88	Peak	Horizontal
	11725.30	27.17	19.98	47.15	74.00	-26.85	Peak	Vertical
*	14011.80	26.69	22.23	48.92	88.20	-39.28	Peak	Vertical
*	16742.00	25.42	28.44	53.86	88.20	-34.34	Peak	Vertical
	17875.90	9.85	30.47	40.32	54.00	-13.68	Average	Vertical
	17875.90	28.54	30.47	59.01	74.00	-14.99	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	209
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12366.20	25.76	21.72	47.48	74.00	-26.52	Peak	Horizontal
*	14086.60	25.92	22.30	48.22	88.20	-39.98	Peak	Horizontal
*	17194.20	24.51	28.61	53.12	88.20	-35.08	Peak	Horizontal
	17981.30	9.61	30.57	40.18	54.00	-13.82	Average	Horizontal
	17981.30	27.81	30.57	58.38	74.00	-15.62	Peak	Horizontal
	12391.70	26.74	21.64	48.38	74.00	-25.62	Peak	Vertical
*	13751.70	27.79	22.00	49.79	88.20	-38.41	Peak	Vertical
*	17330.20	26.42	29.15	55.57	88.20	-32.63	Peak	Vertical
	17983.00	9.92	30.60	40.52	54.00	-13.48	Average	Vertical
	17983.00	28.74	30.60	59.34	74.00	-14.66	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE20 (Mode A, Nss = 4)	Test Channel	229
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12333.90	26.01	21.51	47.52	74.00	-26.48	Peak	Horizontal
*	14086.60	27.64	22.30	49.94	88.20	-38.26	Peak	Horizontal
*	17148.30	25.33	28.51	53.84	88.20	-34.36	Peak	Horizontal
	17830.00	9.71	29.93	39.64	54.00	-14.36	Average	Horizontal
	17830.00	28.11	29.93	58.04	74.00	-15.96	Peak	Horizontal
	12565.10	24.58	22.03	46.61	74.00	-27.39	Peak	Vertical
*	13753.40	27.56	22.03	49.59	88.20	-38.61	Peak	Vertical
*	17238.40	24.56	28.62	53.18	88.20	-35.02	Peak	Vertical
	17765.40	9.68	30.27	39.95	54.00	-14.05	Average	Vertical
	17765.40	27.93	30.27	58.20	74.00	-15.80	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	35
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11449.90	29.09	19.47	48.56	74.00	-25.44	Peak	Horizontal
*	13889.40	27.40	22.49	49.89	88.20	-38.31	Peak	Horizontal
*	16767.50	28.50	28.66	57.16	88.20	-31.04	Peak	Horizontal
	17879.30	10.02	30.35	40.37	54.00	-13.63	Average	Horizontal
	17879.30	26.34	30.35	56.69	74.00	-17.31	Peak	Horizontal
	12197.90	26.31	21.21	47.52	74.00	-26.48	Peak	Vertical
*	13828.20	26.90	22.38	49.28	88.20	-38.92	Peak	Vertical
*	17133.00	24.35	28.55	52.90	88.20	-35.30	Peak	Vertical
	17879.30	9.85	30.35	40.20	54.00	-13.80	Average	Vertical
	17879.30	27.68	30.35	58.03	74.00	-15.97	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	59
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11516.20	28.94	19.49	48.43	74.00	-25.57	Peak	Horizontal
*	14907.70	29.12	23.15	52.27	88.20	-35.93	Peak	Horizontal
*	17104.10	29.68	28.58	58.26	88.20	-29.94	Peak	Horizontal
	17957.50	10.10	29.36	39.46	54.00	-14.54	Average	Horizontal
	17957.50	26.15	29.36	55.51	74.00	-18.49	Peak	Horizontal
	11502.60	29.08	19.51	48.59	74.00	-25.41	Peak	Vertical
*	15031.80	25.71	23.23	48.94	88.20	-39.26	Peak	Vertical
*	16718.20	28.25	28.65	56.90	88.20	-31.30	Peak	Vertical
	17908.20	9.96	29.46	39.42	54.00	-14.58	Average	Vertical
	17908.20	26.21	29.46	55.67	74.00	-18.33	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	91
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11540.00	29.28	19.55	48.83	74.00	-25.17	Peak	Horizontal
*	14008.40	30.02	22.26	52.28	88.20	-35.92	Peak	Horizontal
*	16733.50	28.87	28.47	57.34	88.20	-30.86	Peak	Horizontal
	17908.20	10.17	29.46	39.63	54.00	-14.37	Average	Horizontal
	17908.20	27.27	29.46	56.73	74.00	-17.27	Peak	Horizontal
	11574.00	29.61	19.69	49.30	74.00	-24.70	Peak	Vertical
*	14827.80	29.93	23.19	53.12	88.20	-35.08	Peak	Vertical
*	17495.10	30.01	29.90	59.91	88.20	-28.29	Peak	Vertical
	17875.90	9.81	30.47	40.28	54.00	-13.72	Average	Vertical
	17875.90	27.84	30.47	58.31	74.00	-15.69	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	99
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11497.50	26.41	19.47	45.88	74.00	-28.12	Peak	Horizontal
*	13923.40	26.28	22.06	48.34	88.20	-39.86	Peak	Horizontal
*	16663.80	27.63	28.55	56.18	88.20	-32.02	Peak	Horizontal
	17864.00	9.78	30.10	39.88	54.00	-14.12	Average	Horizontal
	17864.00	28.62	30.10	58.72	74.00	-15.28	Peak	Horizontal
	11659.00	29.15	19.95	49.10	74.00	-24.90	Peak	Vertical
*	14044.10	29.16	22.37	51.53	88.20	-36.67	Peak	Vertical
*	17581.80	30.48	28.76	59.24	88.20	-28.96	Peak	Vertical
	17908.20	10.07	29.46	39.53	54.00	-14.47	Average	Vertical
	17908.20	24.55	29.46	54.01	74.00	-19.99	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	107
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11558.70	29.86	19.74	49.60	74.00	-24.40	Peak	Horizontal
*	13933.60	30.03	22.23	52.26	88.20	-35.94	Peak	Horizontal
*	16704.60	27.56	28.70	56.26	88.20	-31.94	Peak	Horizontal
	17908.20	9.96	29.46	39.42	54.00	-14.58	Average	Horizontal
	17908.20	25.86	29.46	55.32	74.00	-18.68	Peak	Horizontal
	11716.80	28.69	19.99	48.68	74.00	-25.32	Peak	Vertical
*	15013.10	28.64	23.06	51.70	88.20	-36.50	Peak	Vertical
*	16927.30	26.29	28.60	54.89	88.20	-33.31	Peak	Vertical
	17926.90	10.12	30.08	40.20	54.00	-13.80	Average	Vertical
	17926.90	27.54	30.08	57.62	74.00	-16.38	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	115
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11844.30	29.23	20.27	49.50	74.00	-24.50	Peak	Horizontal
*	13792.50	29.89	22.27	52.16	88.20	-36.04	Peak	Horizontal
*	16939.20	27.70	28.56	56.26	88.20	-31.94	Peak	Horizontal
	17908.20	10.01	29.46	39.47	54.00	-14.53	Average	Horizontal
	17908.20	26.76	29.46	56.22	74.00	-17.78	Peak	Horizontal
	11614.80	29.02	19.67	48.69	74.00	-25.31	Peak	Vertical
*	14948.50	29.08	23.19	52.27	88.20	-35.93	Peak	Vertical
*	17598.80	27.83	30.06	57.89	88.20	-30.31	Peak	Vertical
	17867.40	10.04	30.20	40.24	54.00	-13.76	Average	Vertical
	17867.40	29.35	30.20	59.55	74.00	-14.45	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	123
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11817.10	25.34	20.15	45.49	74.00	-28.51	Peak	Horizontal
*	14115.50	26.91	22.41	49.32	88.20	-38.88	Peak	Horizontal
*	17048.00	24.87	28.58	53.45	88.20	-34.75	Peak	Horizontal
	17957.50	9.75	29.36	39.11	54.00	-14.89	Average	Horizontal
	17957.50	24.86	29.36	54.22	74.00	-19.78	Peak	Horizontal
	11817.10	26.08	20.15	46.23	74.00	-27.77	Peak	Vertical
*	14039.00	25.44	22.30	47.74	88.20	-40.46	Peak	Vertical
*	17093.90	24.16	28.55	52.71	88.20	-35.49	Peak	Vertical
	17957.50	9.89	29.36	39.25	54.00	-14.75	Average	Vertical
	17957.50	26.79	29.36	56.15	74.00	-17.85	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	147
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12104.40	25.40	21.06	46.46	74.00	-27.54	Peak	Horizontal
*	14788.70	26.85	23.15	50.00	88.20	-38.20	Peak	Horizontal
*	17161.90	24.95	28.82	53.77	88.20	-34.43	Peak	Horizontal
	17790.90	9.96	28.84	38.80	54.00	-15.20	Average	Horizontal
	17790.90	29.12	28.84	57.96	74.00	-16.04	Peak	Horizontal
	11625.00	26.74	19.74	46.48	74.00	-27.52	Peak	Vertical
*	13923.40	25.52	22.06	47.58	88.20	-40.62	Peak	Vertical
*	17048.00	27.31	28.58	55.89	88.20	-32.31	Peak	Vertical
	17974.50	9.85	30.21	40.06	54.00	-13.94	Average	Vertical
	17974.50	27.53	30.21	57.74	74.00	-16.26	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	179
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11660.70	26.38	19.96	46.34	74.00	-27.66	Peak	Horizontal
*	14992.70	26.40	23.03	49.43	88.20	-38.77	Peak	Horizontal
*	17165.30	28.03	28.85	56.88	88.20	-31.32	Peak	Horizontal
	17728.00	10.01	29.59	39.60	54.00	-14.40	Average	Horizontal
	17728.00	28.89	29.59	58.48	74.00	-15.52	Peak	Horizontal
	12374.70	25.66	21.72	47.38	74.00	-26.62	Peak	Vertical
*	13676.90	27.51	22.45	49.96	88.20	-38.24	Peak	Vertical
*	17325.10	29.16	29.03	58.19	88.20	-30.01	Peak	Vertical
	18000.00	9.66	29.26	38.92	54.00	-15.08	Average	Vertical
	18000.00	26.43	29.26	55.69	74.00	-18.31	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	187
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12340.70	26.88	21.55	48.43	74.00	-25.57	Peak	Horizontal
*	13976.10	26.98	22.18	49.16	88.20	-39.04	Peak	Horizontal
*	17024.20	22.80	28.68	51.48	88.20	-36.72	Peak	Horizontal
	17777.30	9.82	29.81	39.63	54.00	-14.37	Average	Horizontal
	17777.30	23.20	29.81	53.01	74.00	-20.99	Peak	Horizontal
	11786.50	26.26	20.15	46.41	74.00	-27.59	Peak	Vertical
*	13824.80	25.73	22.35	48.08	88.20	-40.12	Peak	Vertical
*	16886.50	24.28	28.35	52.63	88.20	-35.57	Peak	Vertical
	17824.90	9.63	30.32	39.95	54.00	-14.05	Average	Vertical
	17824.90	23.40	30.32	53.72	74.00	-20.28	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	195
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12208.10	26.95	21.21	48.16	74.00	-25.84	Peak	Horizontal
*	13787.40	27.05	22.40	49.45	88.20	-38.75	Peak	Horizontal
*	16750.50	25.81	28.67	54.48	88.20	-33.72	Peak	Horizontal
	17824.90	9.97	30.32	40.29	54.00	-13.71	Average	Horizontal
	17824.90	24.26	30.32	54.58	74.00	-19.42	Peak	Horizontal
	11441.40	25.93	19.49	45.42	74.00	-28.58	Peak	Vertical
*	14319.50	27.27	22.60	49.87	88.20	-38.33	Peak	Vertical
*	17209.50	26.27	28.72	54.99	88.20	-33.21	Peak	Vertical
	17872.50	9.71	30.36	40.07	54.00	-13.93	Average	Vertical
	17872.50	24.35	30.36	54.71	74.00	-19.29	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	211
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12242.10	24.82	21.36	46.18	74.00	-27.82	Peak	Horizontal
*	13676.90	26.31	22.45	48.76	88.20	-39.44	Peak	Horizontal
*	16704.60	25.42	28.70	54.12	88.20	-34.08	Peak	Horizontal
	17921.80	10.08	29.90	39.98	54.00	-14.02	Average	Horizontal
	17921.80	27.11	29.90	57.01	74.00	-16.99	Peak	Horizontal
	12408.70	27.84	21.64	49.48	74.00	-24.52	Peak	Vertical
*	13899.60	26.32	22.22	48.54	88.20	-39.66	Peak	Vertical
*	17348.90	23.75	28.47	52.22	88.20	-35.98	Peak	Vertical
	17969.40	9.98	29.93	39.91	54.00	-14.09	Average	Vertical
	17969.40	25.77	29.93	55.70	74.00	-18.30	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE40 (Mode A, Nss = 4)	Test Channel	227
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12012.60	25.37	20.73	46.10	74.00	-27.90	Peak	Horizontal
*	14203.90	26.99	22.39	49.38	88.20	-38.82	Peak	Horizontal
*	17444.10	25.32	29.48	54.80	88.20	-33.40	Peak	Horizontal
	18000.00	9.69	29.26	38.95	54.00	-15.05	Average	Horizontal
	18000.00	25.41	29.26	54.67	74.00	-19.33	Peak	Horizontal
	12274.40	26.97	21.37	48.34	74.00	-25.66	Peak	Vertical
*	13676.90	25.96	22.45	48.41	88.20	-39.79	Peak	Vertical
*	16660.40	24.43	28.65	53.08	88.20	-35.12	Peak	Vertical
	18000.00	10.11	29.26	39.37	54.00	-14.63	Average	Vertical
	18000.00	25.23	29.26	54.49	74.00	-19.51	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12242.10	26.85	21.36	48.21	74.00	-25.79	Peak	Horizontal
*	13676.90	28.21	22.45	50.66	88.20	-37.54	Peak	Horizontal
*	17303.00	24.23	28.53	52.76	88.20	-35.44	Peak	Horizontal
	17872.50	10.13	30.36	40.49	54.00	-13.51	Average	Horizontal
	17872.50	23.67	30.36	54.03	74.00	-19.97	Peak	Horizontal
	12408.70	25.48	21.64	47.12	74.00	-26.88	Peak	Vertical
*	14050.90	27.07	22.34	49.41	88.20	-38.79	Peak	Vertical
*	17396.50	25.42	29.08	54.50	88.20	-33.70	Peak	Vertical
	17824.90	9.94	30.32	40.26	54.00	-13.74	Average	Vertical
	17824.90	25.59	30.32	55.91	74.00	-18.09	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	55
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11851.10	26.86	20.23	47.09	74.00	-26.91	Peak	Horizontal
*	14203.90	27.50	22.39	49.89	88.20	-38.31	Peak	Horizontal
*	16750.50	26.52	28.67	55.19	88.20	-33.01	Peak	Horizontal
	17824.90	9.93	30.32	40.25	54.00	-13.75	Average	Horizontal
	17824.90	26.47	30.32	56.79	74.00	-17.21	Peak	Horizontal
	11504.30	26.57	19.52	46.09	74.00	-27.91	Peak	Vertical
*	13937.00	26.37	22.29	48.66	88.20	-39.54	Peak	Vertical
*	17209.50	27.88	28.72	56.60	88.20	-31.60	Peak	Vertical
	17921.80	9.82	29.90	39.72	54.00	-14.28	Average	Vertical
	17921.80	27.47	29.90	57.37	74.00	-16.63	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	87
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11597.80	29.80	19.62	49.42	74.00	-24.58	Peak	Horizontal
*	13899.60	24.48	22.22	46.70	88.20	-41.50	Peak	Horizontal
*	16932.40	25.76	28.50	54.26	88.20	-33.94	Peak	Horizontal
	17964.30	9.72	29.66	39.38	54.00	-14.62	Average	Horizontal
	17964.30	29.00	29.66	58.66	74.00	-15.34	Peak	Horizontal
	11915.70	26.92	20.47	47.39	74.00	-26.61	Peak	Vertical
*	13824.80	26.54	22.35	48.89	88.20	-39.31	Peak	Vertical
*	17024.20	23.74	28.68	52.42	88.20	-35.78	Peak	Vertical
	17875.90	9.83	30.47	40.30	54.00	-13.70	Average	Vertical
	17875.90	27.89	30.47	58.36	74.00	-15.64	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	103
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12208.10	24.53	21.21	45.74	74.00	-28.26	Peak	Horizontal
*	13602.10	26.57	22.23	48.80	88.20	-39.40	Peak	Horizontal
*	16570.30	25.13	27.69	52.82	88.20	-35.38	Peak	Horizontal
	17984.70	10.15	30.47	40.62	54.00	-13.38	Average	Horizontal
	17984.70	28.13	30.47	58.60	74.00	-15.40	Peak	Horizontal
	11597.80	26.16	19.62	45.78	74.00	-28.22	Peak	Vertical
*	13566.40	25.52	22.35	47.87	88.20	-40.33	Peak	Vertical
*	17024.20	24.49	28.68	53.17	88.20	-35.03	Peak	Vertical
	17705.90	9.97	30.14	40.11	54.00	-13.89	Average	Vertical
	17705.90	29.32	30.14	59.46	74.00	-14.54	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	119
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	11628.40	25.58	19.76	45.34	74.00	-28.66	Peak	Horizontal
*	14166.50	26.71	22.19	48.90	88.20	-39.30	Peak	Horizontal
*	16704.60	23.98	28.70	52.68	88.20	-35.52	Peak	Horizontal
	17877.60	9.84	30.51	40.35	54.00	-13.65	Average	Horizontal
	17877.60	28.18	30.51	58.69	74.00	-15.31	Peak	Horizontal
	12044.90	25.48	20.85	46.33	74.00	-27.67	Peak	Vertical
*	13976.10	26.68	22.18	48.86	88.20	-39.34	Peak	Vertical
*	17490.00	25.42	29.90	55.32	88.20	-32.88	Peak	Vertical
	17969.40	9.65	29.93	39.58	54.00	-14.42	Average	Vertical
	17969.40	28.66	29.93	58.59	74.00	-15.41	Peak	Vertical

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

Product	BE22000 Whole Home Mesh Wi-Fi 7 System	Test Engineer	Alex Liu
Test Site	WJ-AC1	Test Date	2025-12-04 ~ 2025-12-16
Test Mode	802.11ax-HE80 (Mode A, Nss = 4)	Test Channel	135
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	12308.40	25.36	21.41	46.77	74.00	-27.23	Peak	Horizontal
*	14090.00	26.15	22.39	48.54	88.20	-39.66	Peak	Horizontal
*	16750.50	26.53	28.67	55.20	88.20	-33.00	Peak	Horizontal
	17983.00	9.59	30.60	40.19	54.00	-13.81	Average	Horizontal
	17983.00	27.28	30.60	57.88	74.00	-16.12	Peak	Horizontal
	11691.30	25.31	19.92	45.23	74.00	-28.77	Peak	Vertical
*	14090.00	27.38	22.39	49.77	88.20	-38.43	Peak	Vertical
*	16750.50	23.42	28.67	52.09	88.20	-36.11	Peak	Vertical
	17966.00	9.91	29.75	39.66	54.00	-14.34	Average	Vertical
	17966.00	28.65	29.75	58.40	74.00	-15.60	Peak	Vertical

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