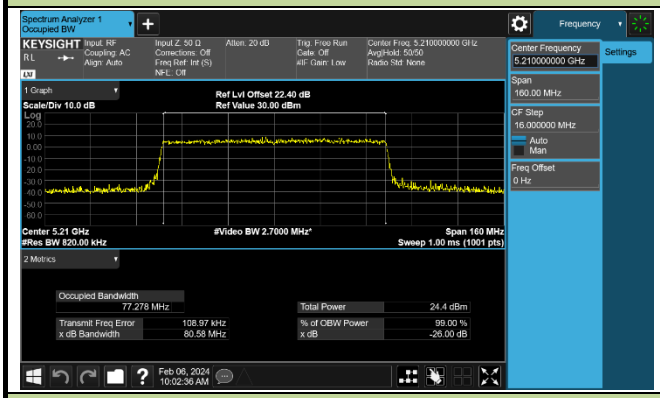
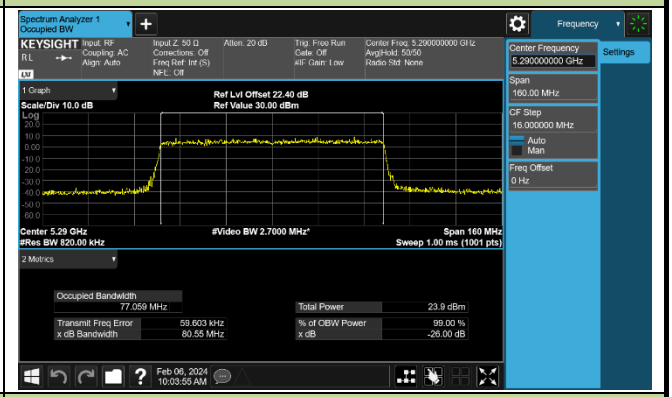
8802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

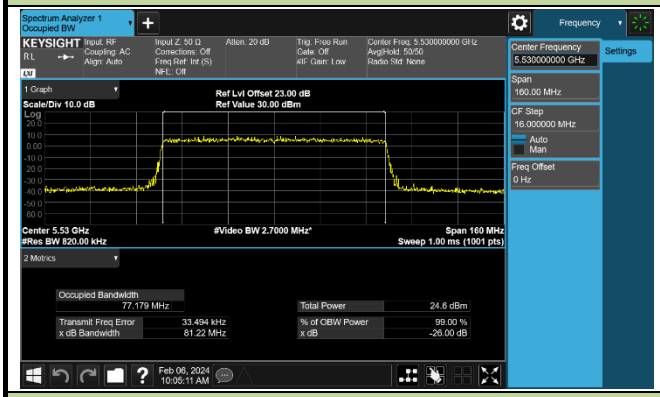
Channel 42 (5210MHz)



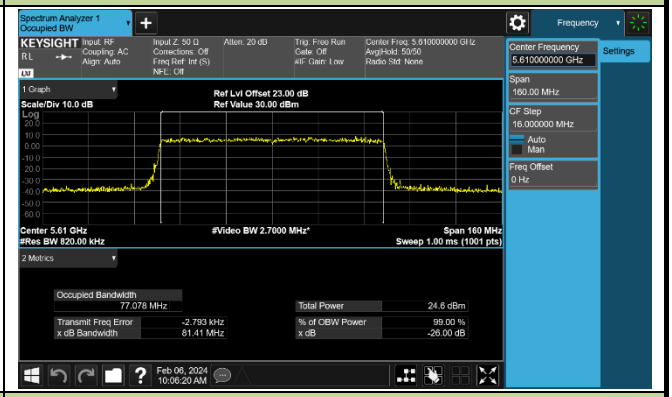
Channel 58 (5290MHz)



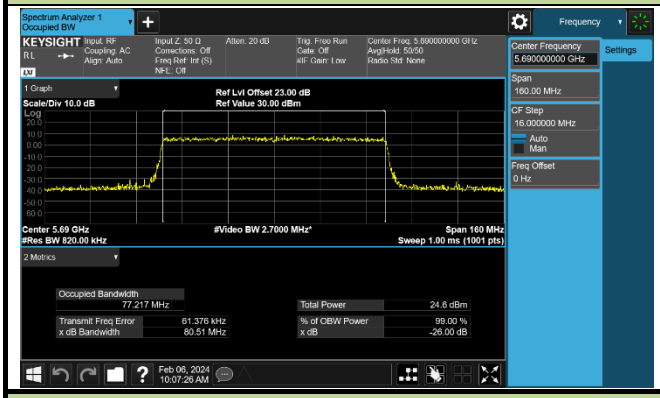
Channel 106 (5530MHz)



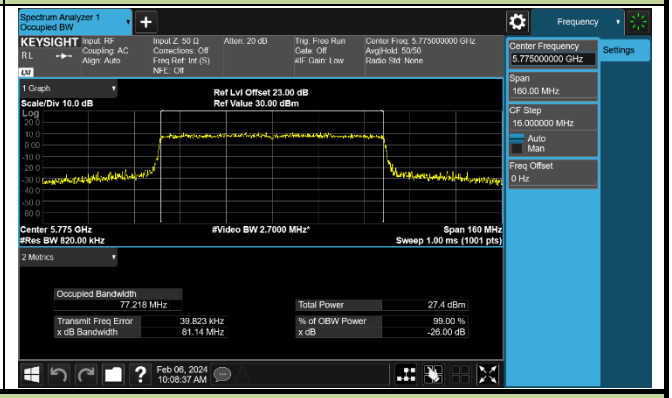
Channel 122 (5610MHz)



Channel 138 (5690MHz)

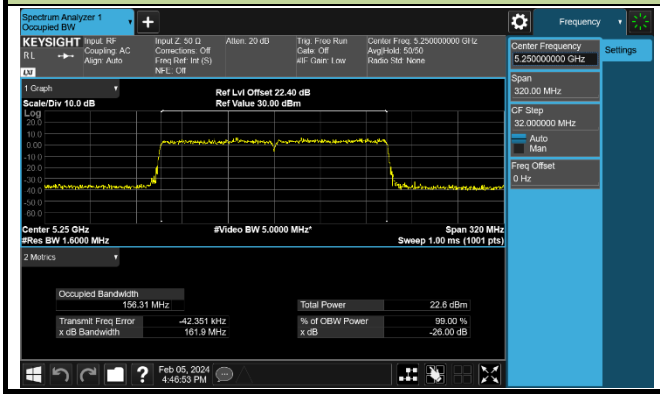


Channel 155 (5775MHz)

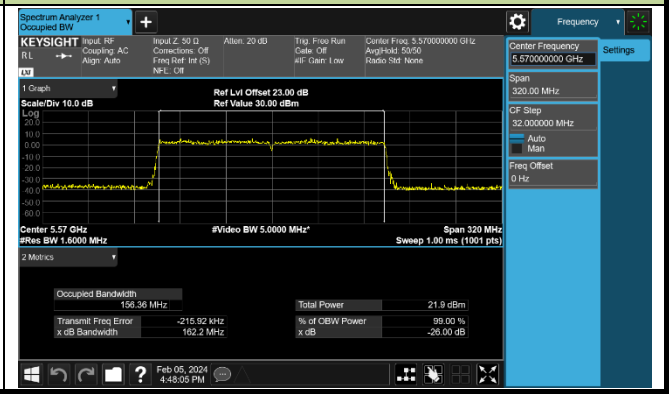


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

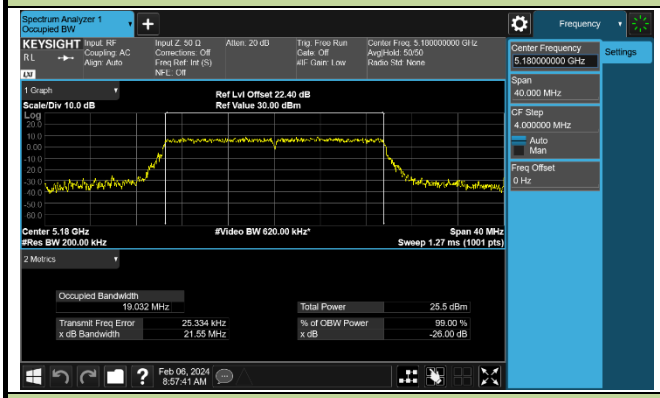


Channel 114 (5570MHz)

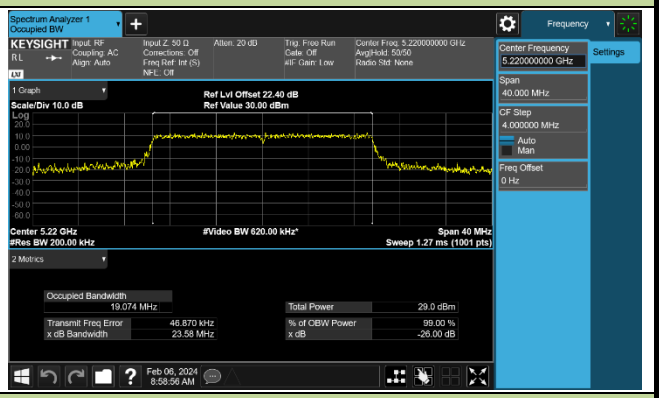


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

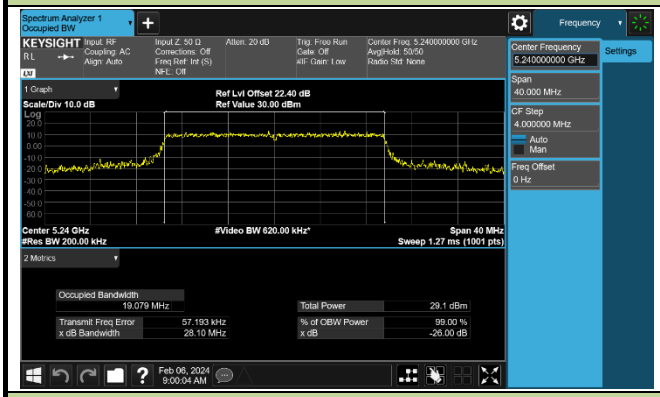
Channel 36 (5180MHz)



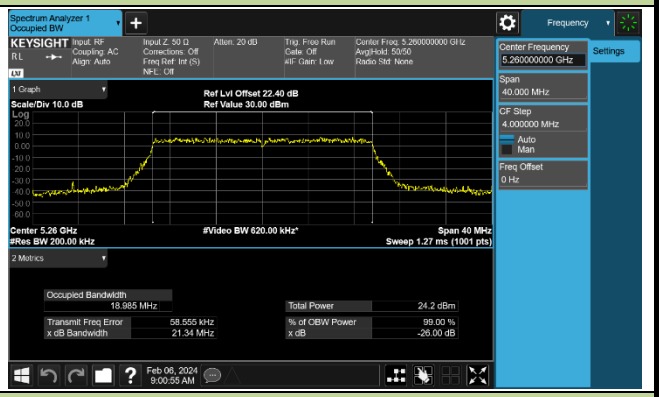
Channel 44 (5220MHz)



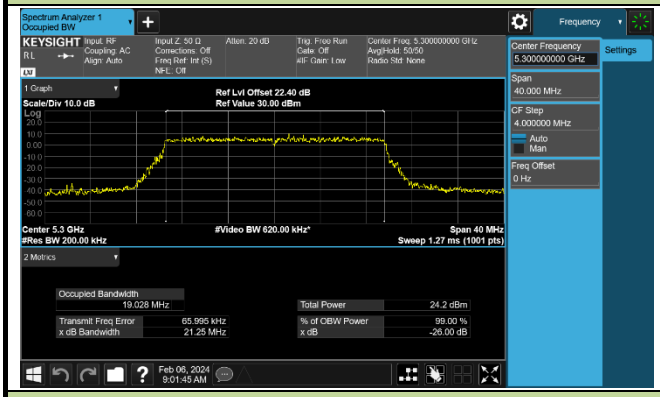
Channel 48 (5240MHz)



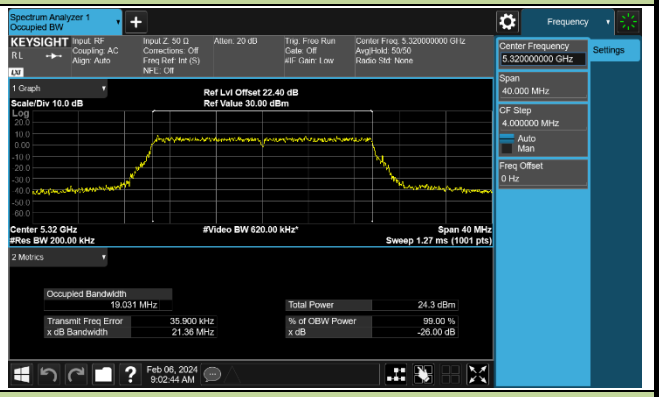
Channel 52 (5260MHz)



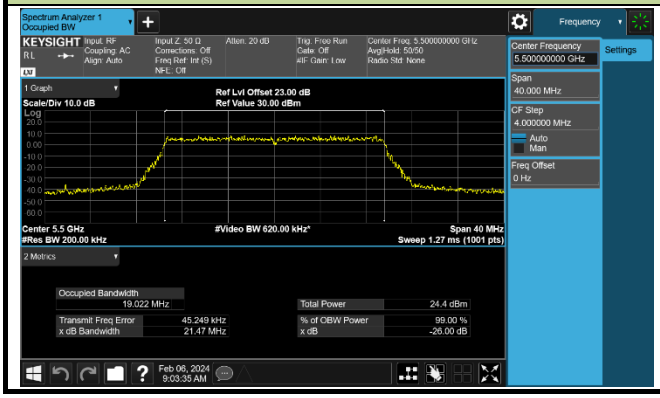
Channel 60 (5300MHz)



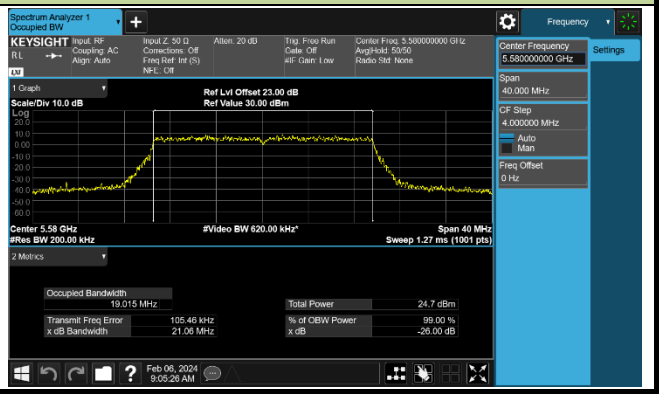
Channel 64 (5320MHz)

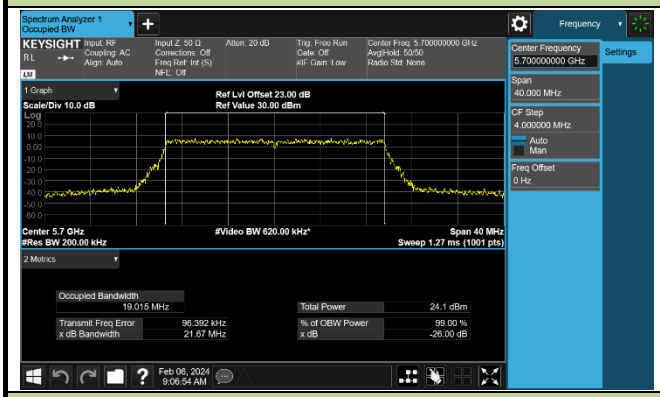
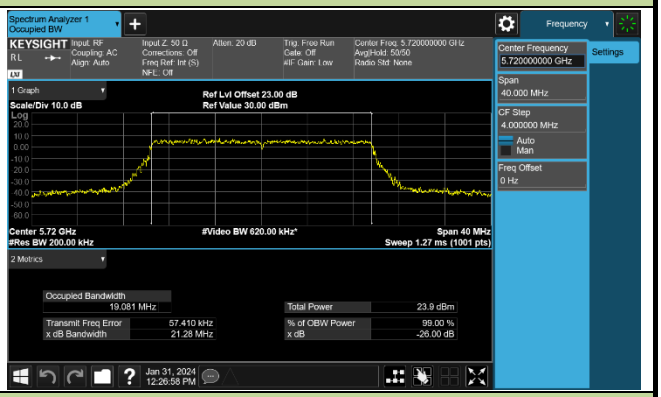
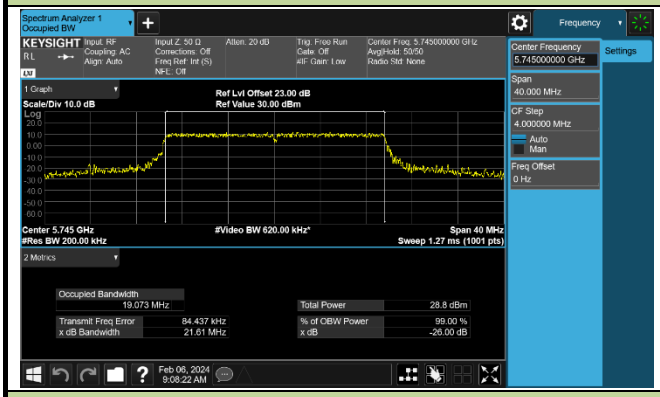
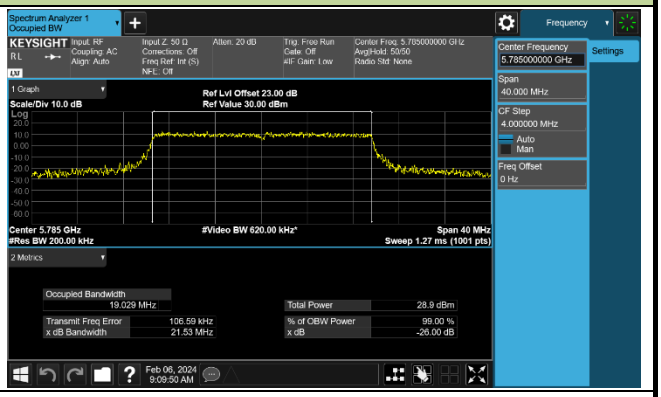
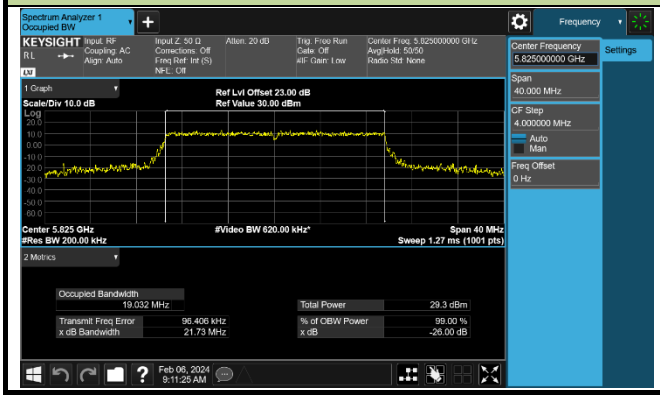


Channel 100 (5500MHz)



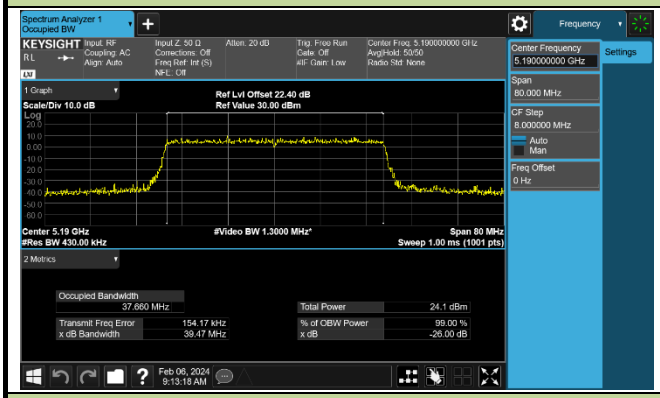
Channel 116 (5580MHz)



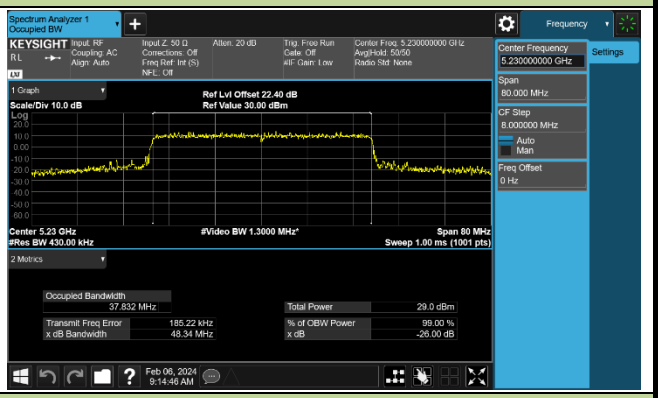
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	**Channel 144 (5785MHz)**
	
Channel 144 (5825MHz)	
	

802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

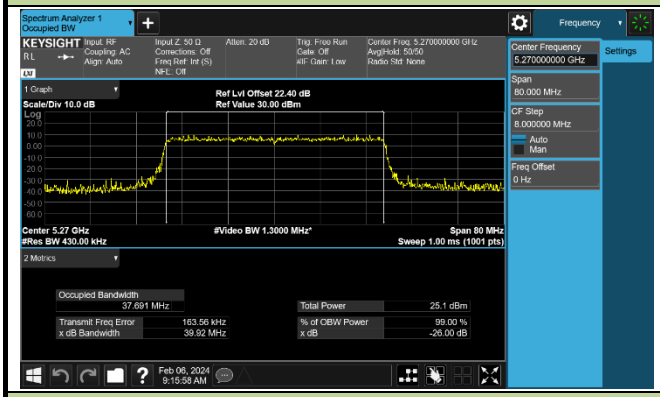
Channel 38 (5190MHz)



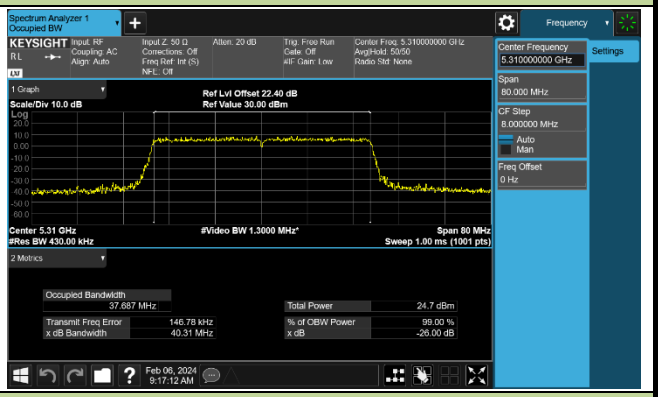
Channel 46 (5230MHz)



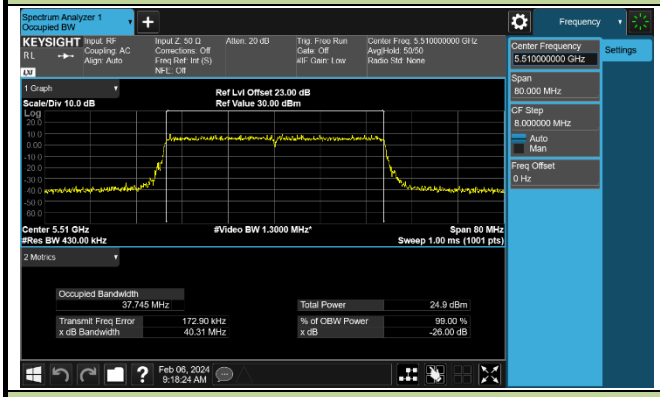
Channel 54 (5270MHz)



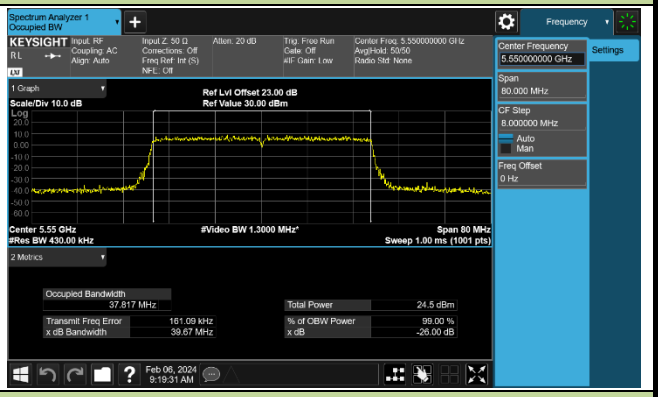
Channel 62 (5310MHz)



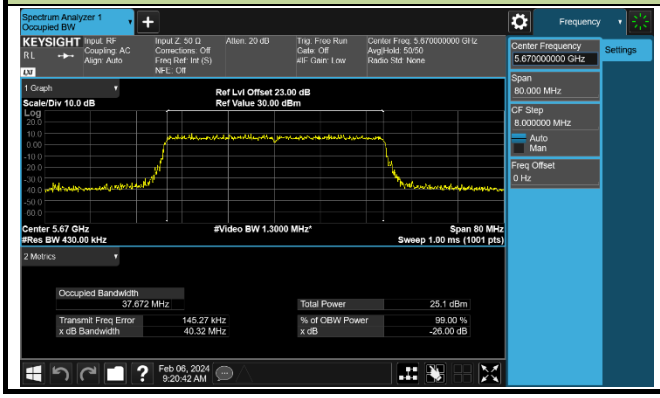
Channel 102 (5510MHz)



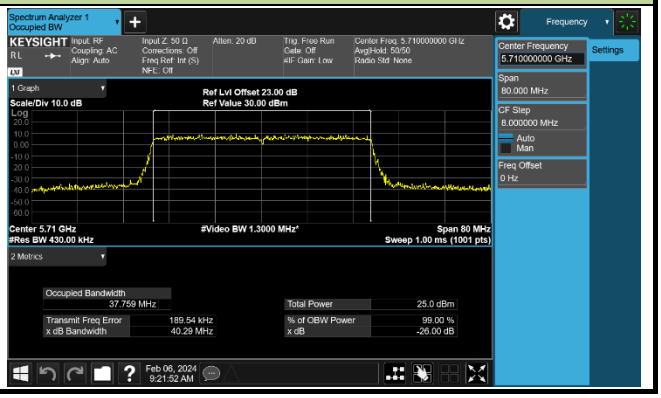
Channel 110 (5550MHz)

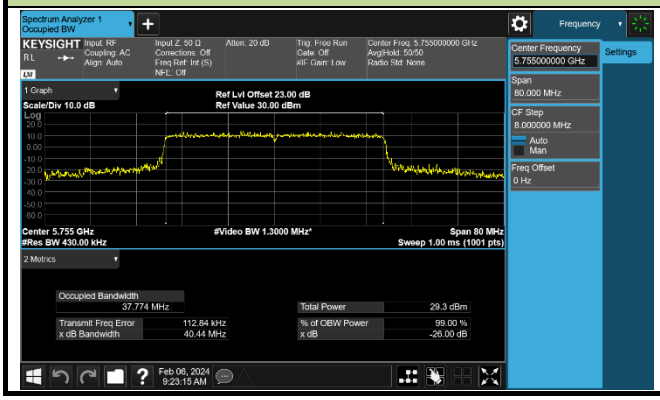
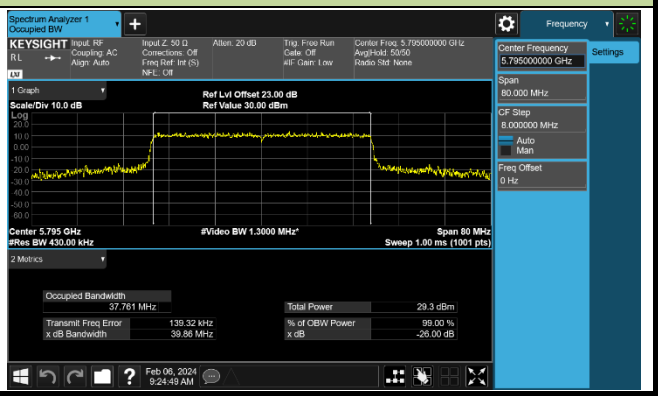


Channel 134 (5670MHz)



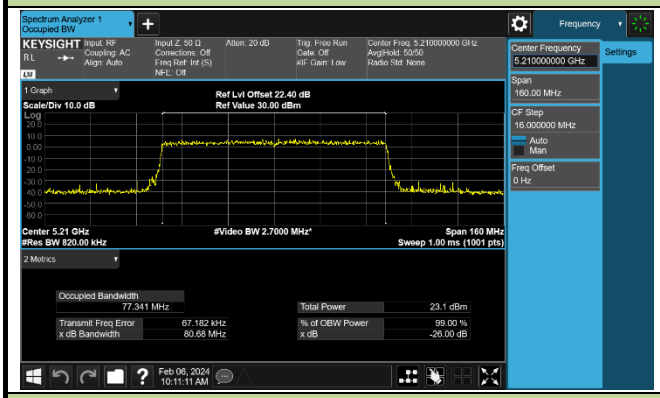
Channel 142 (5710MHz)



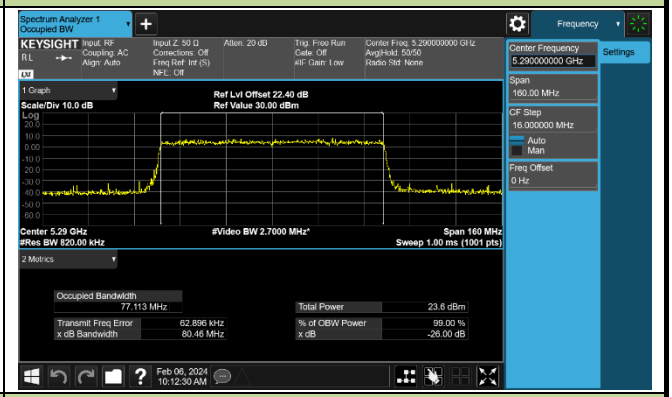
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

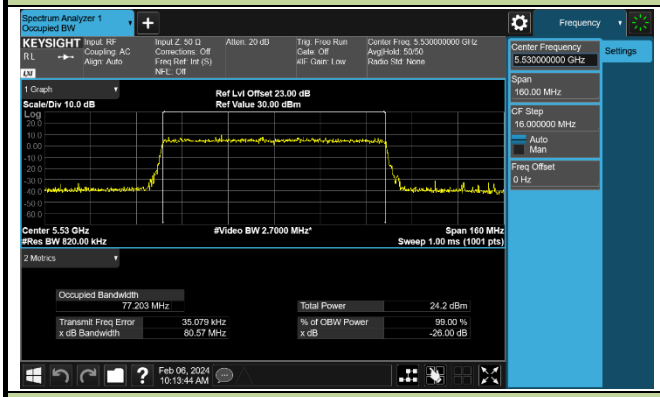
Channel 42 (5210MHz)



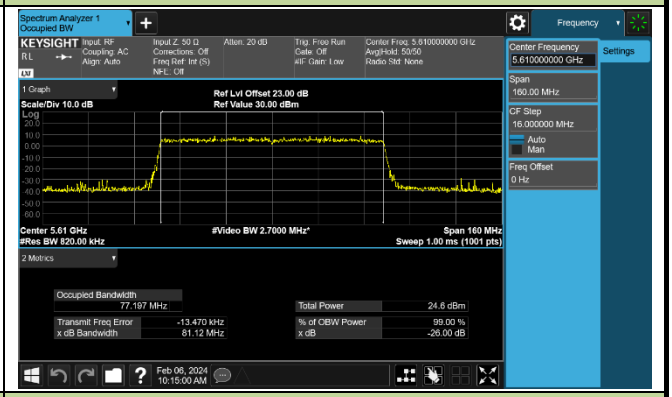
Channel 58 (5290MHz)



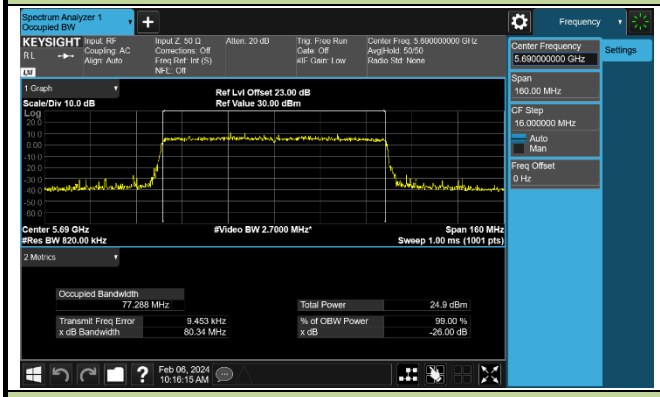
Channel 106 (5530MHz)



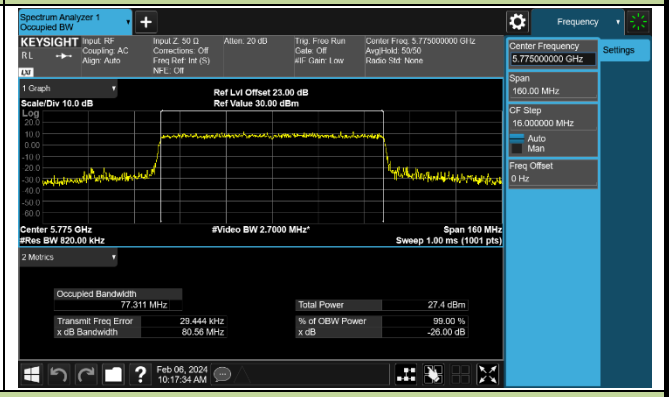
Channel 122 (5610MHz)



Channel 138 (5690MHz)

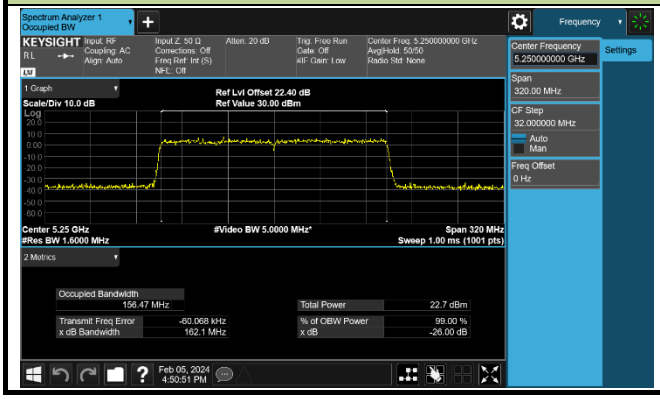


Channel 155 (5775MHz)

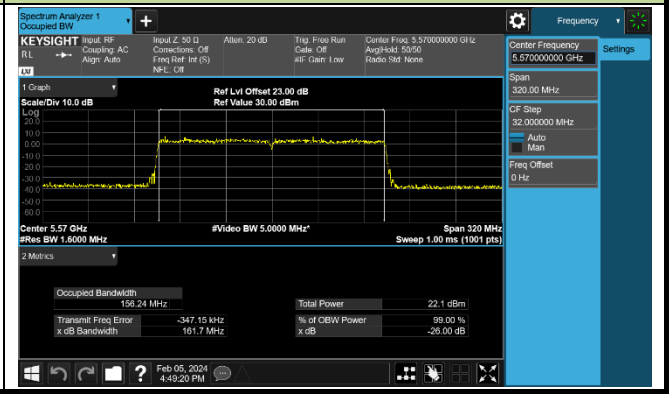


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



7.3. 6dB Bandwidth Measurement

7.3.1.Test Limit

The minimum 6dBbandwidth shall be at least 500 kHz.

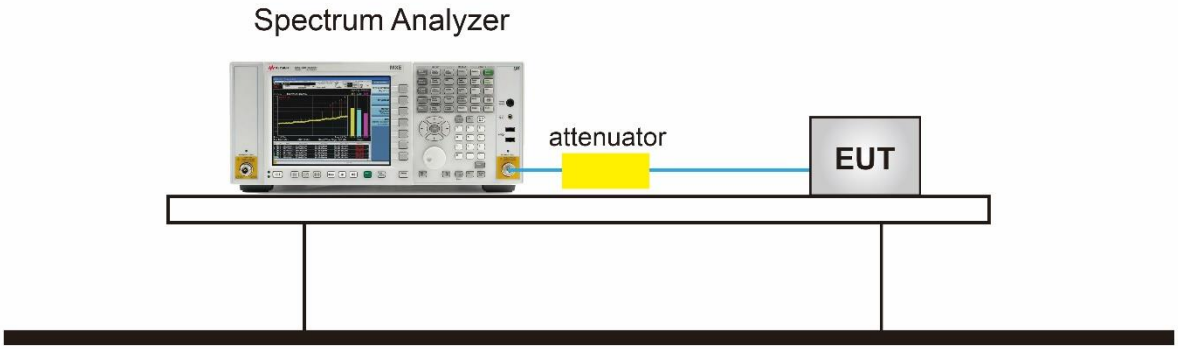
7.3.2.Test Procedure used

KDB 789033 D02v02r01- Section C.2

7.3.3.Test Setting

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 100 kHz.
3. VBW 3 × RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.3.4.Test Setup



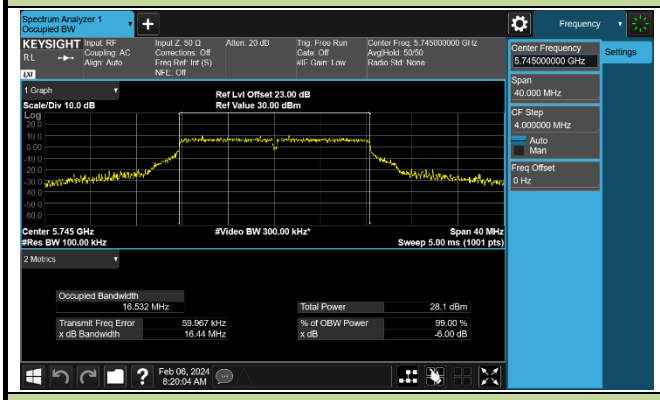
7.3.5.TestResult

Product	BE3600 Dual-Band Wi-Fi 7 Router	Test Engineer	Xuan
Test Site	SR6	Test Date	2024/2/6

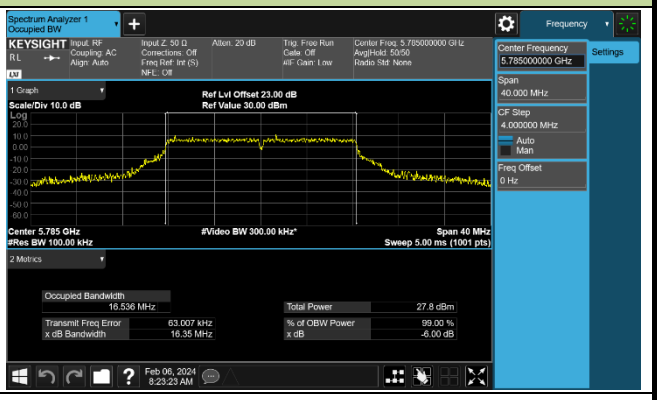
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0						
802.11a	6Mbps	149	5745	16.44	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.35	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.53	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.70	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.66	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.78	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	36.35	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	36.35	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.43	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	18.99	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	18.92	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	18.85	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	37.77	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	37.12	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	77.56	≥ 0.5	Pass
802.11be-EHT20	MCS0	149	5745	18.93	≥ 0.5	Pass
802.11be-EHT20	MCS0	157	5785	19.01	≥ 0.5	Pass
802.11be-EHT20	MCS0	165	5825	18.86	≥ 0.5	Pass
802.11be-EHT40	MCS0	151	5755	37.73	≥ 0.5	Pass
802.11be-EHT40	MCS0	159	5795	37.97	≥ 0.5	Pass
802.11be-EHT80	MCS0	155	5775	77.70	≥ 0.5	Pass

802.11a 6dB Bandwidth

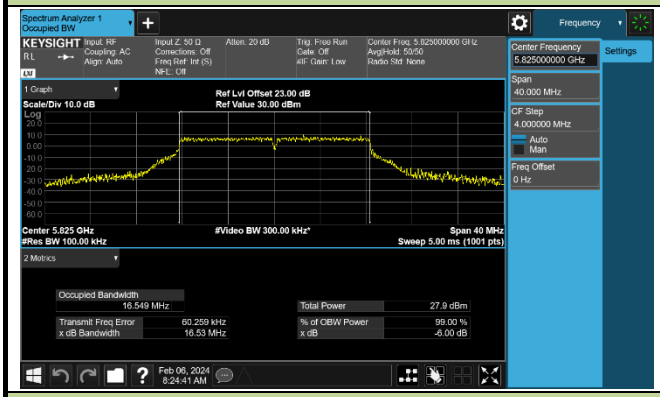
Channel 149 (5745MHz)



Channel 157 (5785MHz)

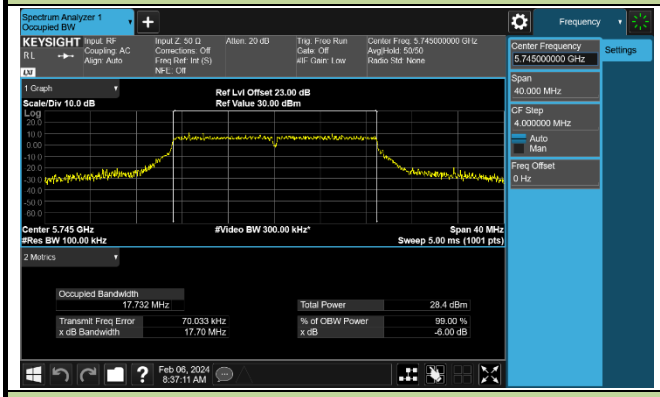


Channel 165 (5825MHz)

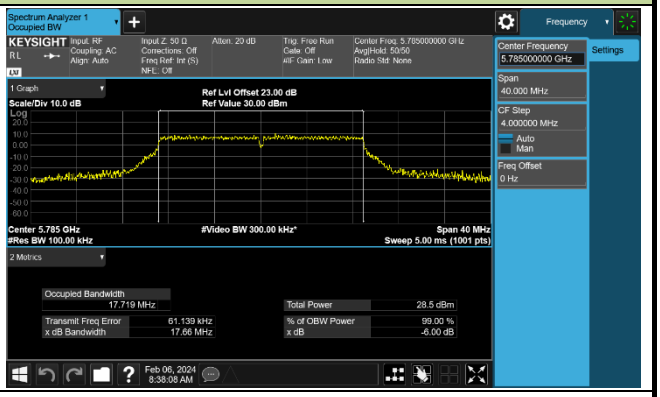


802.11ac-VHT20 6dB Bandwidth

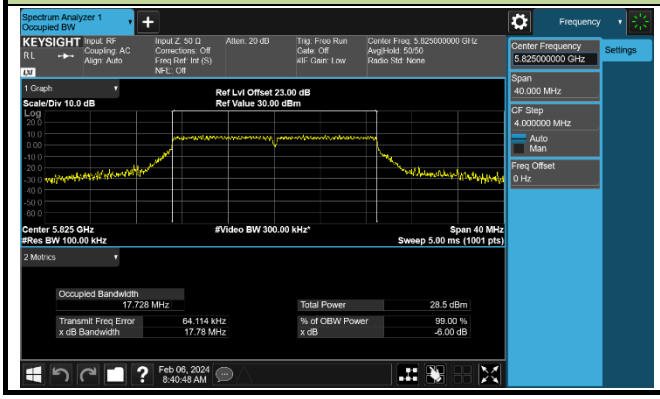
Channel 149 (5745MHz)

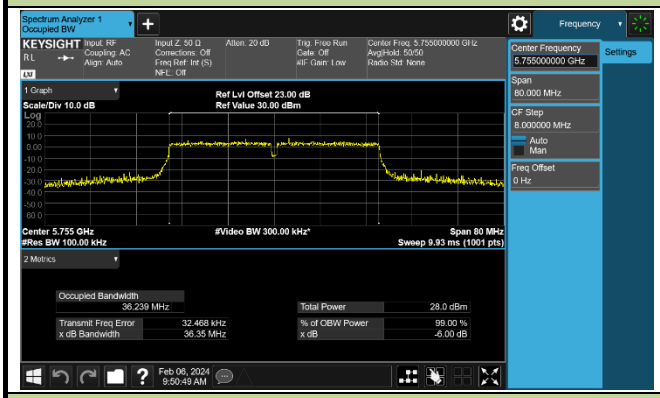
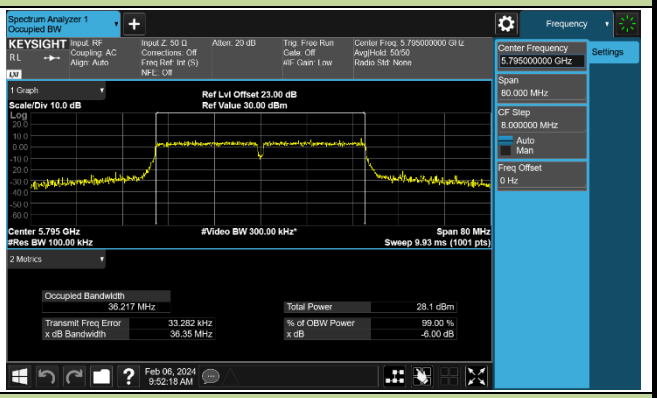
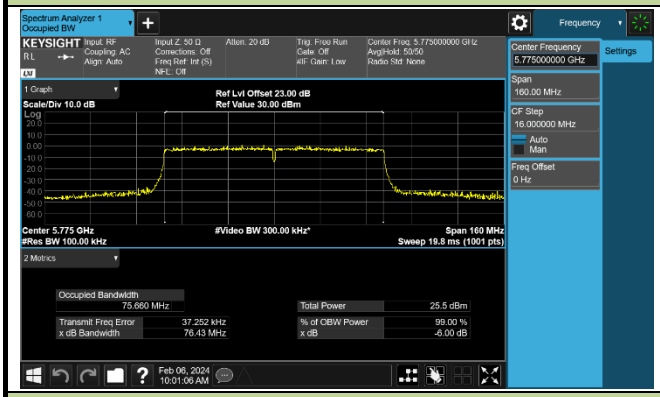
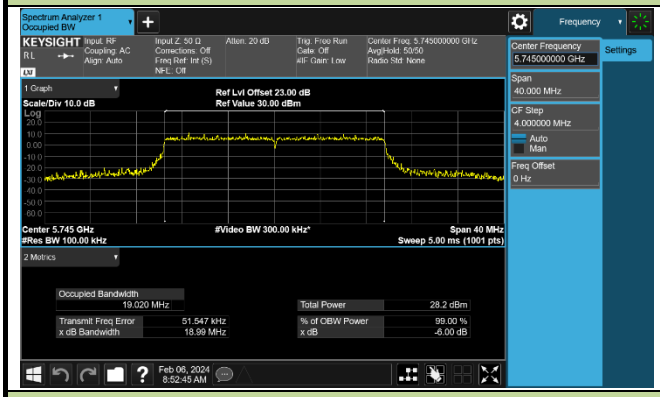
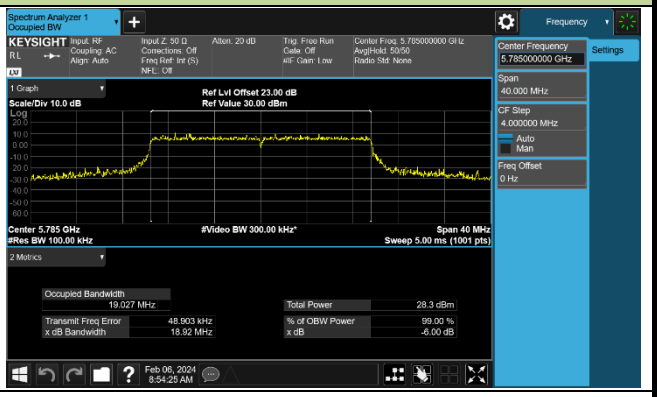
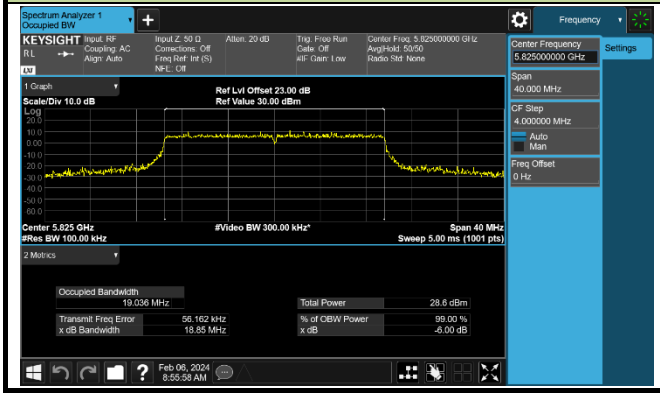


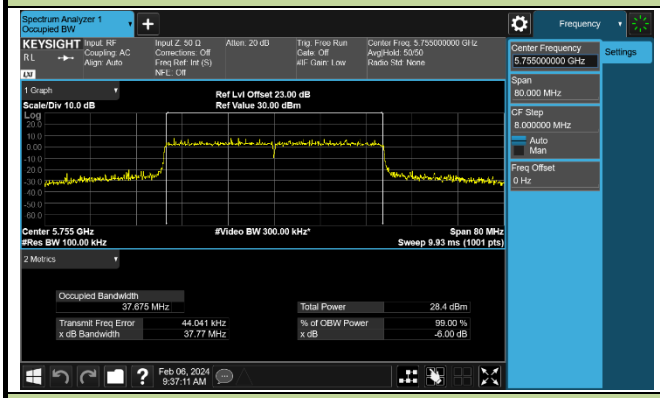
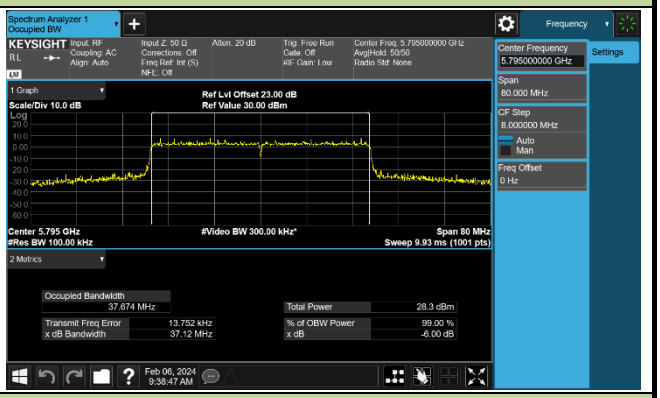
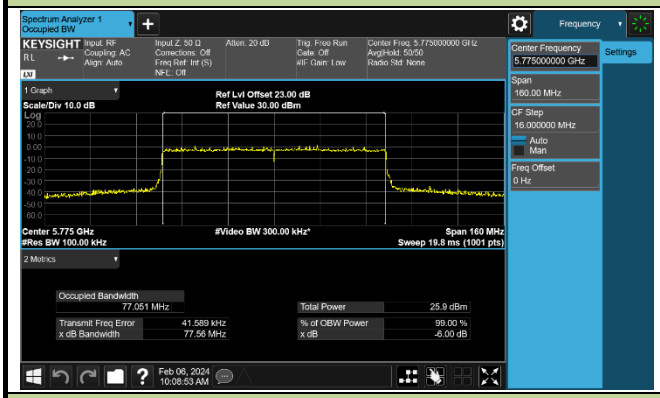
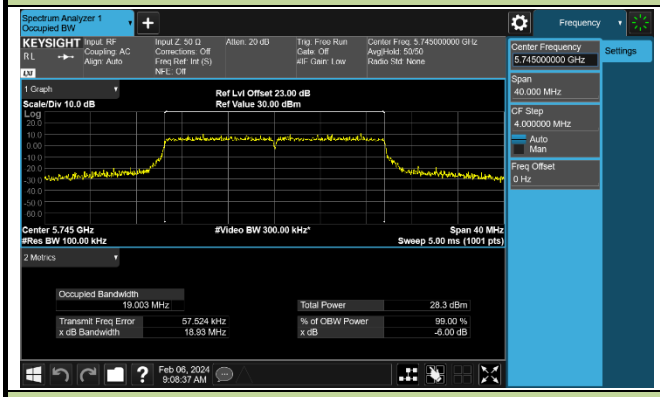
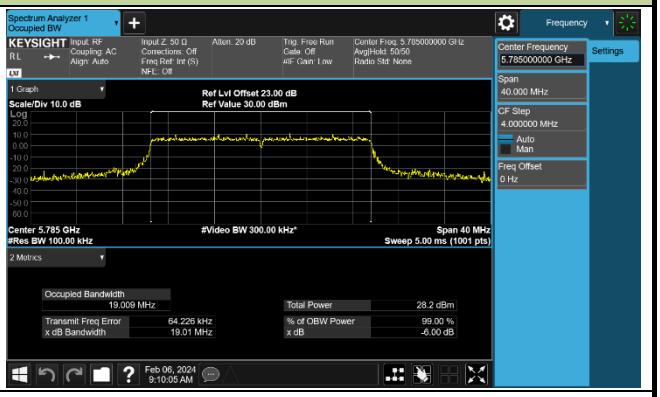
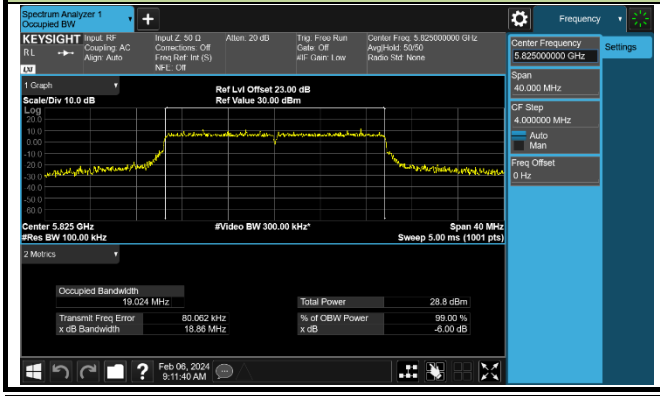
Channel 157 (5785MHz)

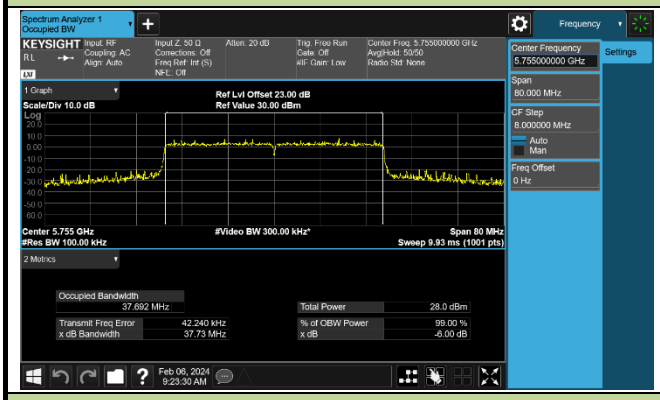
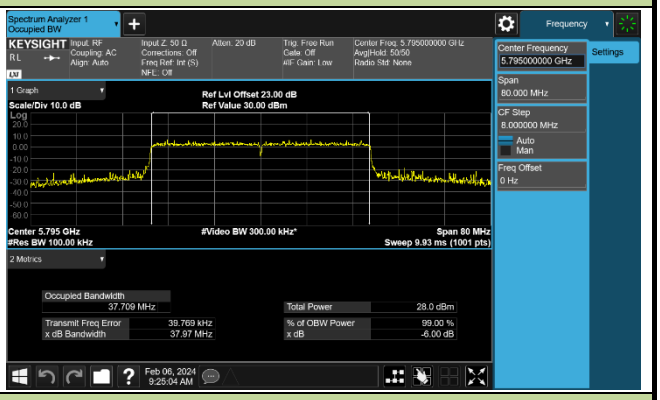
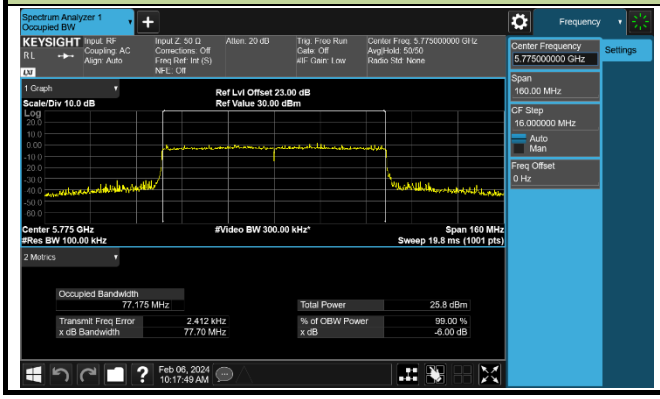


Channel 165 (5825MHz)



802.11ac-VHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ac-VHT80 6dB Bandwidth	
Channel 155 (5775MHz)	
	
802.11ax-HE20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ax-HE40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 6dB Bandwidth	
Channel 155 (5775MHz)	
	
802.11be-EHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11be-EHT 40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11be-EHT 80 6dB Bandwidth	
Channel 155 (5775MHz)	
	

7.4. Output Power Measurement

7.4.1.Test Limit

For the band 5.15-5.25 GHz, the maximum conductedoutput power over the frequency band of operation shall not exceed 1 W provided the maximumantenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm).

If transmitting antennas of directional gain greater than 6dBi are used, the maximumconducted output power shall be reduced by the amount in dB that the directional gain of theantenna exceeds 6dBi.

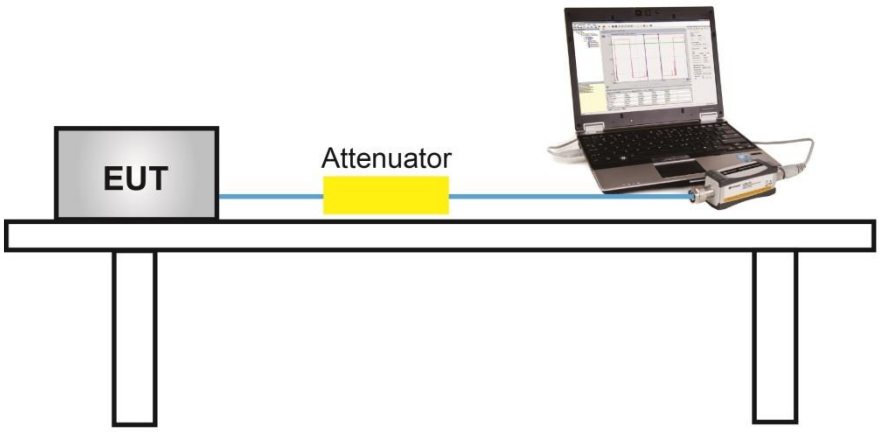
7.4.2.Test Procedure Used

KDB 789033D02v02r01- Section E)3)b) Method PM-G

7.4.3.Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

7.4.4.Test Setup



7.4.5.Test Result

Product	BE3600 Dual-Band Wi-Fi 7 Router	Test Engineer	Xuan
Test Site	SR6	Test Date	2024/1/30
Test Mode	CDD Mode		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11a	6Mbps	36	5180	20.87	21.03	23.96	≤ 30.00	Pass
11a	6Mbps	44	5220	25.16	25.35	28.27	≤ 30.00	Pass
11a	6Mbps	48	5240	25.04	25.50	28.29	≤ 30.00	Pass
11a	6Mbps	52	5260	19.68	19.37	22.54	≤ 23.98	Pass
11a	6Mbps	60	5300	19.70	19.26	22.50	≤ 23.98	Pass
11a	6Mbps	64	5320	19.27	18.96	22.13	≤ 23.98	Pass
11a	6Mbps	100	5500	19.19	19.03	22.12	≤ 23.98	Pass
11a	6Mbps	116	5580	19.66	19.29	22.49	≤ 23.98	Pass
11a	6Mbps	140	5700	18.94	18.41	21.69	≤ 23.98	Pass
11a	6Mbps	144	5720	19.41	19.12	22.28	≤ 22.89	Pass
11a	6Mbps	149	5745	25.11	25.64	28.39	≤ 30.00	Pass
11a	6Mbps	157	5785	25.06	25.40	28.24	≤ 30.00	Pass
11a	6Mbps	165	5825	25.11	25.52	28.33	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	21.40	21.89	24.66	≤ 30.00	Pass
11ac-VHT20	MCS0	44	5220	25.02	25.55	28.30	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	25.06	25.27	28.18	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	20.08	19.83	22.97	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	19.86	19.79	22.84	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	19.98	19.57	22.79	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	19.82	18.95	22.42	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	19.75	19.34	22.56	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	20.03	19.70	22.88	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	20.03	19.68	22.87	≤ 22.97	Pass
11ac-VHT20	MCS0	149	5745	25.03	25.61	28.34	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	25.12	25.50	28.32	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	25.00	25.42	28.23	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11ac-VHT40	MCS0	38	5190	19.80	20.00	22.91	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	25.01	25.01	28.02	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	20.68	20.47	23.59	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	20.79	20.35	23.59	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	20.94	20.31	23.65	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	20.78	20.72	23.76	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	20.83	20.68	23.77	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	20.86	20.66	23.77	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	25.12	25.04	28.09	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	25.00	25.08	28.05	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	20.18	20.25	23.23	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	19.02	19.17	22.11	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	20.79	20.46	23.64	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	20.70	20.58	23.65	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.83	20.30	23.58	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	22.53	22.78	25.67	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	17.33	17.57	20.46	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	18.41	18.17	21.30	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	21.60	22.04	24.84	≤ 30.00	Pass
11ax-HE20	MCS0	44	5220	25.25	25.48	28.38	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	25.07	25.45	28.27	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	20.08	20.00	23.05	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	20.30	19.96	23.14	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	20.05	19.83	22.95	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	20.41	19.64	23.05	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	20.35	19.68	23.04	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	19.68	19.57	22.64	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	20.26	19.56	22.93	≤ 22.95	Pass
11ax-HE20	MCS0	149	5745	25.30	25.81	28.57	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	25.23	25.66	28.46	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	25.28	25.63	28.47	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11ax-HE40	MCS0	38	5190	19.86	20.17	23.03	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	25.01	25.26	28.15	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	20.68	20.70	23.70	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	19.75	19.63	22.70	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	19.81	19.23	22.54	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	20.87	20.41	23.66	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	20.62	20.55	23.60	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	20.65	20.45	23.56	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	25.11	25.63	28.39	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	25.05	25.40	28.24	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	20.66	20.66	23.67	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	19.41	19.50	22.47	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	21.13	20.33	23.76	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.79	20.60	23.71	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	20.98	20.59	23.80	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	23.10	23.80	26.47	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	19.66	19.72	22.70	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	18.93	18.64	21.80	≤ 23.98	Pass
11be-EHT20	MCS0	36	5180	21.43	21.95	24.71	≤ 30.00	Pass
11be-EHT20	MCS0	44	5220	25.11	25.48	28.31	≤ 30.00	Pass
11be-EHT20	MCS0	48	5240	25.27	25.34	28.32	≤ 30.00	Pass
11be-EHT20	MCS0	52	5260	19.76	19.67	22.73	≤ 23.98	Pass
11be-EHT20	MCS0	60	5300	20.06	19.87	22.98	≤ 23.98	Pass
11be-EHT20	MCS0	64	5320	20.14	19.70	22.94	≤ 23.98	Pass
11be-EHT20	MCS0	100	5500	20.47	19.66	23.09	≤ 23.98	Pass
11be-EHT20	MCS0	116	5580	20.87	20.24	23.58	≤ 23.98	Pass
11be-EHT20	MCS0	140	5700	19.91	19.68	22.81	≤ 23.98	Pass
11be-EHT20	MCS0	144	5720	20.11	19.50	22.83	≤ 22.94	Pass
11be-EHT20	MCS0	149	5745	25.12	25.55	28.35	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	25.12	25.46	28.30	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	25.01	25.66	28.36	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11be-EHT40	MCS0	38	5190	20.04	20.03	23.05	≤ 30.00	Pass
11be-EHT40	MCS0	46	5230	25.00	25.24	28.13	≤ 30.00	Pass
11be-EHT40	MCS0	54	5270	20.75	20.76	23.77	≤ 23.98	Pass
11be-EHT40	MCS0	62	5310	20.06	19.99	23.04	≤ 23.98	Pass
11be-EHT40	MCS0	102	5510	20.92	20.62	23.78	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.87	20.20	23.56	≤ 23.98	Pass
11be-EHT40	MCS0	134	5670	20.89	20.55	23.73	≤ 23.98	Pass
11be-EHT40	MCS0	142	5710	20.83	20.46	23.66	≤ 23.98	Pass
11be-EHT40	MCS0	151	5755	25.04	25.20	28.13	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	25.06	25.13	28.11	≤ 30.00	Pass
11be-EHT80	MCS0	42	5210	19.33	19.38	22.37	≤ 30.00	Pass
11be-EHT80	MCS0	58	5290	19.24	19.11	22.19	≤ 23.98	Pass
11be-EHT80	MCS0	106	5530	20.28	19.31	22.83	≤ 23.98	Pass
11be-EHT80	MCS0	122	5610	20.89	20.35	23.64	≤ 23.98	Pass
11be-EHT80	MCS0	138	5690	20.78	20.63	23.72	≤ 23.98	Pass
11be-EHT80	MCS0	155	5775	23.11	23.50	26.32	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	19.69	19.64	22.68	≤ 23.98	Pass
11be-EHT160	MCS0	114	5570	19.07	18.74	21.92	≤ 23.98	Pass

Note 1:

The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

Note 2:

For 5250- 5350MHz and 5470 - 5725MHz Band: Average Power Limit (dBm) = 23.98 dBm.

For 5150 - 5250MHz and 5725 - 5850MHz Bands: Average Power Limit (dBm) = 30 dBm.

For 802.11a Ch144 (5720MHz), Average Power Limit (dBm) = $11+10*\log(5\text{MHz} + BW_{26dBc}/2)$=22.89 dBm.

For 802.11ac Ch144 (5720MHz), Average Power Limit (dBm) = $11+10*\log(5\text{MHz} + BW_{26dBc}/2)$=22.97 dBm.

For 802.11ax Ch144 (5720MHz), Average Power Limit (dBm) = $11+10*\log(5\text{MHz} + BW_{26dBc}/2)$=22.95 dBm.

For 802.11be Ch144 (5720MHz), Average Power Limit (dBm) = $11+10*\log(5\text{MHz} + BW_{26dBc}/2)$=22.94 dBm.

Product	BE3600 Dual-Band Wi-Fi 7 Router	Test Engineer	Xuan
Test Site	SR6	Test Date	2024/1/30
Test Mode	Beamforming Mode		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11ac-VHT20	MCS0	36	5180	21.40	21.89	24.66	≤ 29.99	Pass
11ac-VHT20	MCS0	44	5220	25.02	25.55	28.30	≤ 29.99	Pass
11ac-VHT20	MCS0	48	5240	25.06	25.27	28.18	≤ 29.99	Pass
11ac-VHT20	MCS0	52	5260	20.08	19.83	22.97	≤ 23.97	Pass
11ac-VHT20	MCS0	60	5300	19.86	19.79	22.84	≤ 23.97	Pass
11ac-VHT20	MCS0	64	5320	19.98	19.57	22.79	≤ 23.97	Pass
11ac-VHT20	MCS0	100	5500	19.82	18.95	22.42	≤ 23.97	Pass
11ac-VHT20	MCS0	116	5580	19.75	19.34	22.56	≤ 23.97	Pass
11ac-VHT20	MCS0	140	5700	20.03	19.70	22.88	≤ 23.97	Pass
11ac-VHT20	MCS0	144	5720	20.03	19.68	22.87	≤ 22.96	Pass
11ac-VHT20	MCS0	149	5745	25.03	25.61	28.34	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	25.12	25.50	28.32	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	25.00	25.42	28.23	≤ 29.99	Pass
11ac-VHT40	MCS0	38	5190	19.80	20.00	22.91	≤ 29.99	Pass
11ac-VHT40	MCS0	46	5230	25.01	25.01	28.02	≤ 29.99	Pass
11ac-VHT40	MCS0	54	5270	20.68	20.47	23.59	≤ 23.97	Pass
11ac-VHT40	MCS0	62	5310	20.79	20.35	23.59	≤ 23.97	Pass
11ac-VHT40	MCS0	102	5510	20.94	20.31	23.65	≤ 23.97	Pass
11ac-VHT40	MCS0	110	5550	20.78	20.72	23.76	≤ 23.97	Pass
11ac-VHT40	MCS0	134	5670	20.83	20.68	23.77	≤ 23.97	Pass
11ac-VHT40	MCS0	142	5710	20.86	20.66	23.77	≤ 23.97	Pass
11ac-VHT40	MCS0	151	5755	25.12	25.04	28.09	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	25.00	25.08	28.05	≤ 29.99	Pass
11ac-VHT80	MCS0	42	5210	20.18	20.25	23.23	≤ 29.99	Pass
11ac-VHT80	MCS0	58	5290	19.02	19.17	22.11	≤ 23.97	Pass
11ac-VHT80	MCS0	106	5530	20.79	20.46	23.64	≤ 23.97	Pass
11ac-VHT80	MCS0	122	5610	20.70	20.58	23.65	≤ 23.97	Pass
11ac-VHT80	MCS0	138	5690	20.83	20.30	23.58	≤ 23.97	Pass
11ac-VHT80	MCS0	155	5775	22.53	22.78	25.67	≤ 29.99	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11ac-VHT160	MCS0	50	5250	17.33	17.57	20.46	≤ 23.97	Pass
11ac-VHT160	MCS0	114	5570	18.41	18.17	21.30	≤ 23.97	Pass
11ax-HE20	MCS0	36	5180	21.60	22.04	24.84	≤ 29.99	Pass
11ax-HE20	MCS0	44	5220	25.25	25.48	28.38	≤ 29.99	Pass
11ax-HE20	MCS0	48	5240	25.07	25.45	28.27	≤ 29.99	Pass
11ax-HE20	MCS0	52	5260	20.08	20.00	23.05	≤ 23.97	Pass
11ax-HE20	MCS0	60	5300	20.30	19.96	23.14	≤ 23.97	Pass
11ax-HE20	MCS0	64	5320	20.05	19.83	22.95	≤ 23.97	Pass
11ax-HE20	MCS0	100	5500	20.41	19.64	23.05	≤ 23.97	Pass
11ax-HE20	MCS0	116	5580	20.35	19.68	23.04	≤ 23.97	Pass
11ax-HE20	MCS0	140	5700	19.68	19.57	22.64	≤ 23.97	Pass
11ax-HE20	MCS0	144	5720	20.26	19.56	22.93	≤ 22.94	Pass
11ax-HE20	MCS0	149	5745	25.30	25.81	28.57	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	25.23	25.66	28.46	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	25.28	25.63	28.47	≤ 29.99	Pass
11ax-HE40	MCS0	38	5190	19.86	20.17	23.03	≤ 29.99	Pass
11ax-HE40	MCS0	46	5230	25.01	25.26	28.15	≤ 29.99	Pass
11ax-HE40	MCS0	54	5270	20.68	20.70	23.70	≤ 23.97	Pass
11ax-HE40	MCS0	62	5310	19.75	19.63	22.70	≤ 23.97	Pass
11ax-HE40	MCS0	102	5510	19.81	19.23	22.54	≤ 23.97	Pass
11ax-HE40	MCS0	110	5550	20.87	20.41	23.66	≤ 23.97	Pass
11ax-HE40	MCS0	134	5670	20.62	20.55	23.60	≤ 23.97	Pass
11ax-HE40	MCS0	142	5710	20.65	20.45	23.56	≤ 23.97	Pass
11ax-HE40	MCS0	151	5755	25.11	25.63	28.39	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	25.05	25.40	28.24	≤ 29.99	Pass
11ax-HE80	MCS0	42	5210	20.66	20.66	23.67	≤ 29.99	Pass
11ax-HE80	MCS0	58	5290	19.41	19.50	22.47	≤ 23.97	Pass
11ax-HE80	MCS0	106	5530	21.13	20.33	23.76	≤ 23.97	Pass
11ax-HE80	MCS0	122	5610	20.79	20.60	23.71	≤ 23.97	Pass
11ax-HE80	MCS0	138	5690	20.98	20.59	23.80	≤ 23.97	Pass
11ax-HE80	MCS0	155	5775	23.10	23.80	26.47	≤ 29.99	Pass
11ax-HE160	MCS0	50	5250	19.66	19.72	22.70	≤ 23.97	Pass
11ax-HE160	MCS0	114	5570	18.93	18.64	21.80	≤ 23.97	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	Result
				Ant 0	Ant 1			
11be-EHT20	MCS0	36	5180	21.43	21.95	24.71	≤ 29.99	Pass
11be-EHT20	MCS0	44	5220	25.11	25.48	28.31	≤ 29.99	Pass
11be-EHT20	MCS0	48	5240	25.27	25.34	28.32	≤ 29.99	Pass
11be-EHT20	MCS0	52	5260	19.76	19.67	22.73	≤ 23.97	Pass
11be-EHT20	MCS0	60	5300	20.06	19.87	22.98	≤ 23.97	Pass
11be-EHT20	MCS0	64	5320	20.14	19.70	22.94	≤ 23.97	Pass
11be-EHT20	MCS0	100	5500	20.47	19.66	23.09	≤ 23.97	Pass
11be-EHT20	MCS0	116	5580	20.87	20.24	23.58	≤ 23.97	Pass
11be-EHT20	MCS0	140	5700	19.91	19.68	22.81	≤ 23.97	Pass
11be-EHT20	MCS0	144	5720	20.11	19.50	22.83	≤ 22.93	Pass
11be-EHT20	MCS0	149	5745	25.12	25.55	28.35	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	25.12	25.46	28.30	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	25.01	25.66	28.36	≤ 29.99	Pass
11be-EHT40	MCS0	38	5190	20.04	20.03	23.05	≤ 29.99	Pass
11be-EHT40	MCS0	46	5230	25.00	25.24	28.13	≤ 29.99	Pass
11be-EHT40	MCS0	54	5270	20.75	20.76	23.77	≤ 23.97	Pass
11be-EHT40	MCS0	62	5310	20.06	19.99	23.04	≤ 23.97	Pass
11be-EHT40	MCS0	102	5510	20.92	20.62	23.78	≤ 23.97	Pass
11be-EHT40	MCS0	110	5550	20.87	20.20	23.56	≤ 23.97	Pass
11be-EHT40	MCS0	134	5670	20.89	20.55	23.73	≤ 23.97	Pass
11be-EHT40	MCS0	142	5710	20.83	20.46	23.66	≤ 23.97	Pass
11be-EHT40	MCS0	151	5755	25.04	25.20	28.13	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	25.06	25.13	28.11	≤ 29.99	Pass
11be-EHT80	MCS0	42	5210	19.33	19.38	22.37	≤ 29.99	Pass
11be-EHT80	MCS0	58	5290	19.24	19.11	22.19	≤ 23.97	Pass
11be-EHT80	MCS0	106	5530	20.28	19.31	22.83	≤ 23.97	Pass
11be-EHT80	MCS0	122	5610	20.89	20.35	23.64	≤ 23.97	Pass
11be-EHT80	MCS0	138	5690	20.78	20.63	23.72	≤ 23.97	Pass
11be-EHT80	MCS0	155	5775	23.11	23.50	26.32	≤ 29.99	Pass
11be-EHT160	MCS0	50	5250	19.69	19.64	22.68	≤ 23.97	Pass
11be-EHT160	MCS0	114	5570	19.07	18.74	21.92	≤ 23.97	Pass

Note 1: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

Note 2:

For 5125 - 5250MHz Band: Average Power Limit (dBm) = 30 - (6.01- 6) = 29.99dBm

For 5250 - 5350MHz and 5470 - 5725MHz Band: Average Power Limit (dBm) = 23.98 - (6.01- 6) = 23.97dBm.

For 5725 - 5850MHz Band: Average Power Limit (dBm) = 30- (6.01- 6) = 29.99dBm.

For 11ac_ch 144, Average Power Limit (dBm) = 11+10*log(5MHz + BW_{26dBc}/2) - (6.01- 6) = 22.96dBm.

For 11ax_ch 144, Average Power Limit (dBm) = 11+10*log(5MHz + BW_{26dBc}/2) - (6.01- 6) = 22.94dBm.

For 11be_ch 144, Average Power Limit (dBm) = 11+10*log(5MHz + BW_{26dBc}/2) - (6.01- 6) = 22.93dBm.

7.5. Transmit Power Control

7.5.1.Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

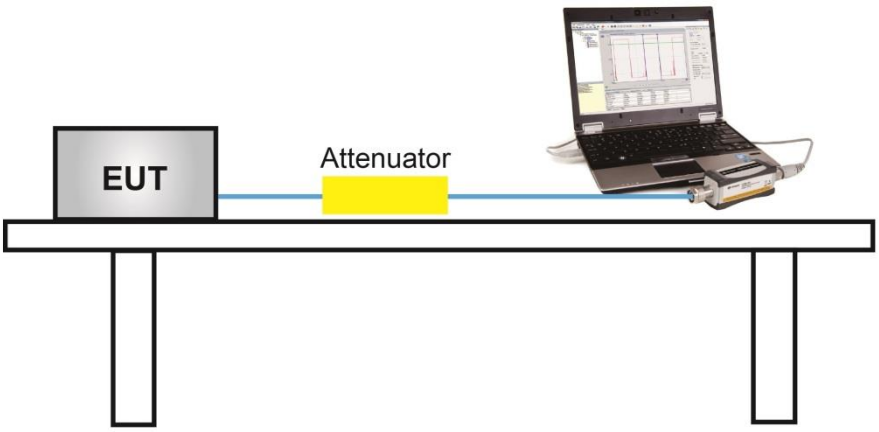
7.5.2.Test Procedure Used

KDB 789033 D02v02r01- Section E)3)b) Method PM-G

7.5.3.Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.5.4.Test Setup



7.5.5.Test Result

Device supports TPC mechanism, details refer to the operational description.

7.6. Power Spectral Density Measurement

7.6.1.Test Limit

For the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

If transmitting antennas of directional gain greater than 6dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of theantenna exceeds 6dBi.

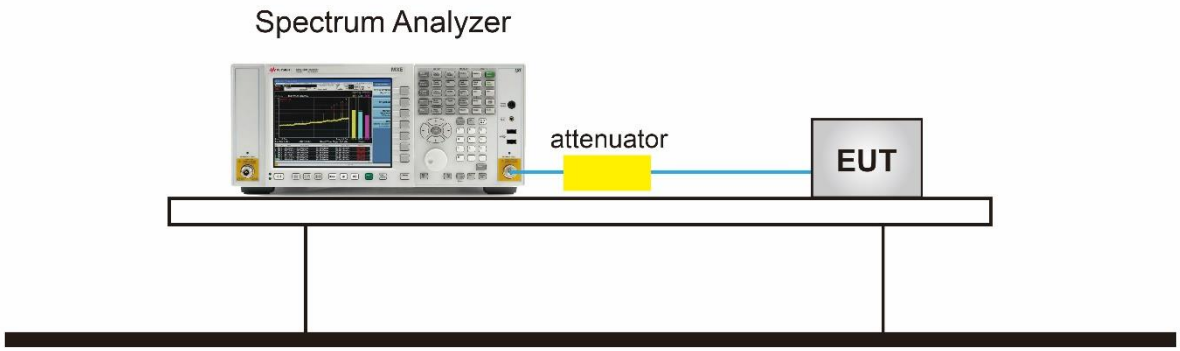
7.6.2.Test Procedure Used

KDB 789033 D02v02r01-SectionF

7.6.3.Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz, RBW = 510 kHz
4. VBW = 3MHz
5. Number of sweep points ≥ 2 × (span / RBW)
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add 10*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10*log(1/0.25) = 6 dB if the duty cycle is 25 percent.

7.6.4.Test Setup



7.6.5.Test Result

Product	BE3600 Dual-Band Wi-Fi 7 Router	Test Engineer	Xuan
Test Site	SR6	Test Date	2024/1/31~2024/2/6
Mode	Power Spectral Density (U-NII- 1/-2a / -2c) CDD Mode		

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11a	6Mbps	36	5180	8.352	8.364	97.64%	11.472	≤ 16.99	Pass
11a	6Mbps	44	5220	12.629	12.513	97.64%	15.685	≤ 16.99	Pass
11a	6Mbps	48	5240	12.869	12.808	97.64%	15.953	≤ 16.99	Pass
11a	6Mbps	52	5260	7.439	7.333	97.64%	10.500	≤ 10.99	Pass
11a	6Mbps	60	5300	7.706	7.470	97.64%	10.704	≤ 10.99	Pass
11a	6Mbps	64	5320	7.730	7.246	97.64%	10.609	≤ 10.99	Pass
11a	6Mbps	100	5500	7.687	7.080	97.64%	10.508	≤ 10.99	Pass
11a	6Mbps	116	5580	7.689	7.131	97.64%	10.533	≤ 10.99	Pass
11a	6Mbps	140	5700	6.210	6.452	97.64%	9.447	≤ 10.99	Pass
11a	6Mbps	144	5720	7.075	7.413	97.64%	10.361	≤ 10.99	Pass
11ac-VHT20	MCS0	36	5180	8.483	9.041	97.94%	11.872	≤ 16.99	Pass
11ac-VHT20	MCS0	44	5220	11.654	12.521	97.94%	15.210	≤ 16.99	Pass
11ac-VHT20	MCS0	48	5240	12.029	12.655	97.94%	15.454	≤ 16.99	Pass
11ac-VHT20	MCS0	52	5260	7.650	7.429	97.94%	10.642	≤ 10.99	Pass
11ac-VHT20	MCS0	60	5300	7.607	7.324	97.94%	10.569	≤ 10.99	Pass
11ac-VHT20	MCS0	64	5320	7.656	7.466	97.94%	10.663	≤ 10.99	Pass
11ac-VHT20	MCS0	100	5500	7.670	7.194	97.94%	10.539	≤ 10.99	Pass
11ac-VHT20	MCS0	116	5580	7.615	7.419	97.94%	10.619	≤ 10.99	Pass
11ac-VHT20	MCS0	140	5700	7.656	7.446	97.94%	10.653	≤ 10.99	Pass
11ac-VHT20	MCS0	144	5720	7.157	7.013	97.94%	10.186	≤ 10.99	Pass
11ac-VHT40	MCS0	38	5190	4.487	4.444	98.12%	7.558	≤ 16.99	Pass
11ac-VHT40	MCS0	46	5230	9.349	9.518	98.12%	12.527	≤ 16.99	Pass
11ac-VHT40	MCS0	54	5270	5.549	5.255	98.12%	8.497	≤ 10.99	Pass
11ac-VHT40	MCS0	62	5310	5.625	5.440	98.12%	8.626	≤ 10.99	Pass
11ac-VHT40	MCS0	102	5510	5.200	5.008	98.12%	8.198	≤ 10.99	Pass
11ac-VHT40	MCS0	110	5550	5.436	5.306	98.12%	8.464	≤ 10.99	Pass
11ac-VHT40	MCS0	134	5670	5.652	5.529	98.12%	8.684	≤ 10.99	Pass
11ac-VHT40	MCS0	142	5710	5.276	5.245	98.12%	8.353	≤ 10.99	Pass

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11ac-VHT80	MCS0	42	5210	1.443	1.908	96.69%	4.838	≤ 16.99	Pass
11ac-VHT80	MCS0	58	5290	1.149	1.328	96.69%	4.396	≤ 10.99	Pass
11ac-VHT80	MCS0	106	5530	2.412	1.831	96.69%	5.288	≤ 10.99	Pass
11ac-VHT80	MCS0	122	5610	2.163	2.106	96.69%	5.291	≤ 10.99	Pass
11ac-VHT80	MCS0	138	5690	1.908	2.010	96.69%	5.116	≤ 10.99	Pass
11ac-VHT160	MCS0	50	5250	-3.683	-3.305	97.31%	-0.361	≤ 10.99	Pass
11ac-VHT160	MCS0	114	5570	-3.499	-3.223	97.31%	-0.230	≤ 10.99	Pass
11ax-HE20	MCS0	36	5180	8.614	9.236	98.20%	12.025	≤ 16.99	Pass
11ax-HE20	MCS0	44	5220	11.907	12.877	98.20%	15.508	≤ 16.99	Pass
11ax-HE20	MCS0	48	5240	12.050	13.000	98.20%	15.640	≤ 16.99	Pass
11ax-HE20	MCS0	52	5260	7.686	7.200	98.20%	10.539	≤ 10.99	Pass
11ax-HE20	MCS0	60	5300	7.659	7.474	98.20%	10.657	≤ 10.99	Pass
11ax-HE20	MCS0	64	5320	7.576	7.281	98.20%	10.520	≤ 10.99	Pass
11ax-HE20	MCS0	100	5500	7.592	7.238	98.20%	10.508	≤ 10.99	Pass
11ax-HE20	MCS0	116	5580	7.680	7.236	98.20%	10.553	≤ 10.99	Pass
11ax-HE20	MCS0	140	5700	7.047	7.173	98.20%	10.200	≤ 10.99	Pass
11ax-HE20	MCS0	144	5720	7.107	6.439	98.20%	9.875	≤ 10.99	Pass
11ax-HE40	MCS0	38	5190	4.637	4.358	97.33%	7.628	≤ 16.99	Pass
11ax-HE40	MCS0	46	5230	9.363	9.774	97.33%	12.701	≤ 16.99	Pass
11ax-HE40	MCS0	54	5270	5.466	5.390	97.33%	8.556	≤ 10.99	Pass
11ax-HE40	MCS0	62	5310	5.031	4.623	97.33%	7.960	≤ 10.99	Pass
11ax-HE40	MCS0	102	5510	4.760	3.977	97.33%	7.514	≤ 10.99	Pass
11ax-HE40	MCS0	110	5550	4.824	4.727	97.33%	7.904	≤ 10.99	Pass
11ax-HE40	MCS0	134	5670	5.503	5.315	97.33%	8.538	≤ 10.99	Pass
11ax-HE40	MCS0	142	5710	5.204	5.073	97.33%	8.267	≤ 10.99	Pass
11ax-HE80	MCS0	42	5210	2.319	2.375	97.62%	5.462	≤ 16.99	Pass
11ax-HE80	MCS0	58	5290	1.646	1.771	97.62%	4.824	≤ 10.99	Pass
11ax-HE80	MCS0	106	5530	2.290	2.357	97.62%	5.439	≤ 10.99	Pass
11ax-HE80	MCS0	122	5610	2.321	2.273	97.62%	5.412	≤ 10.99	Pass
11ax-HE80	MCS0	122	5690	2.430	3.025	97.62%	5.853	≤ 10.99	Pass
11ax-HE160	MCS0	50	5250	-1.763	-1.128	98.56%	1.639	≤ 10.99	Pass
11ax-HE160	MCS0	114	5570	-2.472	-2.006	98.56%	0.841	≤ 10.99	Pass

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11be-EHT20	MCS0	36	5180	8.759	9.368	97.85%	12.179	≤ 16.99	Pass
11be-EHT20	MCS0	44	5220	12.040	12.603	97.85%	15.435	≤ 16.99	Pass
11be-EHT20	MCS0	48	5240	12.379	12.842	97.85%	15.721	≤ 16.99	Pass
11be-EHT20	MCS0	52	5260	7.581	7.469	97.85%	10.630	≤ 10.99	Pass
11be-EHT20	MCS0	60	5300	7.686	7.324	97.85%	10.613	≤ 10.99	Pass
11be-EHT20	MCS0	64	5320	7.707	7.734	97.85%	10.825	≤ 10.99	Pass
11be-EHT20	MCS0	100	5500	7.697	7.553	97.85%	10.730	≤ 10.99	Pass
11be-EHT20	MCS0	116	5580	7.758	7.524	97.85%	10.747	≤ 10.99	Pass
11be-EHT20	MCS0	140	5700	7.434	7.209	97.85%	10.428	≤ 10.99	Pass
11be-EHT20	MCS0	144	5720	7.031	6.635	97.85%	9.942	≤ 10.99	Pass
11be-EHT40	MCS0	38	5190	4.258	4.706	97.43%	7.611	≤ 16.99	Pass
11be-EHT40	MCS0	46	5230	9.218	9.639	97.43%	12.557	≤ 16.99	Pass
11be-EHT40	MCS0	54	5270	5.458	5.416	97.43%	8.560	≤ 10.99	Pass
11be-EHT40	MCS0	62	5310	5.115	4.858	97.43%	8.112	≤ 10.99	Pass
11be-EHT40	MCS0	102	5510	5.012	4.760	97.43%	8.011	≤ 10.99	Pass
11be-EHT40	MCS0	110	5550	4.652	4.587	97.43%	7.743	≤ 10.99	Pass
11be-EHT40	MCS0	134	5670	5.311	5.205	97.43%	8.382	≤ 10.99	Pass
11be-EHT40	MCS0	142	5710	5.362	5.002	97.43%	8.309	≤ 10.99	Pass
11be-EHT80	MCS0	42	5210	0.907	0.864	97.34%	4.013	≤ 16.99	Pass
11be-EHT80	MCS0	58	5290	1.133	1.222	97.34%	4.305	≤ 10.99	Pass
11be-EHT80	MCS0	106	5530	2.002	1.141	97.34%	4.720	≤ 10.99	Pass
11be-EHT80	MCS0	122	5610	2.513	2.321	97.34%	5.545	≤ 10.99	Pass
11be-EHT80	MCS0	138	5690	3.145	2.287	97.34%	5.865	≤ 10.99	Pass
11be-EHT160	MCS0	50	5250	-1.895	-1.182	98.19%	1.566	≤ 10.99	Pass
11be-EHT160	MCS0	114	5570	-2.514	-2.073	98.19%	0.802	≤ 10.99	Pass

Note 1:When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} (dBm/MHz).

When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} + 10*log (1/Duty Cycle)(dBm/MHz).

Note 2:

For 5150 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (6.01 - 6) = 16.99dBm/MHz.

For 5250 - 5350MHz and 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (6.01 - 6) = 10.99dBm/MHz.

Product	BE3600 Dual-Band Wi-Fi 7 Router	Test Engineer	Xuan
Test Site	SR6	Test Date	2024/1/31~2024/2/6
Test Item	Power Spectral Density (U-NII-3) CDD Mode		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/510 KHz)	Ant 1 PSD (dBm/510 KHz)	Duty Cycle (%)	Total PSD (dBm/510k Hz)	Limit (dBm/500k Hz)	Result
11a	6Mbps	149	5745	9.552	10.106	97.64%	12.952	≤ 29.99	Pass
11a	6Mbps	157	5785	9.411	10.339	97.64%	13.014	≤ 29.99	Pass
11a	6Mbps	165	5825	9.429	10.172	97.64%	12.930	≤ 29.99	Pass
11ac-VHT20	MCS0	149	5745	9.200	9.986	97.94%	12.711	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	9.224	10.182	97.94%	12.830	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	9.408	10.254	97.94%	12.952	≤ 29.99	Pass
11ac-VHT40	MCS0	151	5755	6.213	7.130	98.12%	9.788	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	6.416	7.075	98.12%	9.851	≤ 29.99	Pass
11ac-VHT80	MCS0	155	5775	1.405	2.095	96.69%	4.920	≤ 29.99	Pass
11ax-HE20	MCS0	149	5745	9.094	10.180	98.20%	12.760	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	9.237	10.190	98.20%	12.829	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	9.655	10.584	98.20%	13.233	≤ 29.99	Pass
11ax-HE40	MCS0	151	5755	6.926	7.523	97.33%	10.363	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	7.089	7.186	97.33%	10.266	≤ 29.99	Pass
11ax-HE80	MCS0	155	5775	2.750	3.154	97.62%	6.072	≤ 29.99	Pass
11be-EHT20	MCS0	149	5745	9.540	10.073	97.85%	12.919	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	9.547	10.042	97.85%	12.906	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	9.793	10.293	97.85%	13.155	≤ 29.99	Pass
11be-EHT40	MCS0	151	5755	7.049	7.065	97.43%	10.180	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	6.545	6.982	97.43%	9.892	≤ 29.99	Pass
11be-EHT80	MCS0	155	5775	2.027	2.425	97.34%	5.358	≤ 29.99	Pass

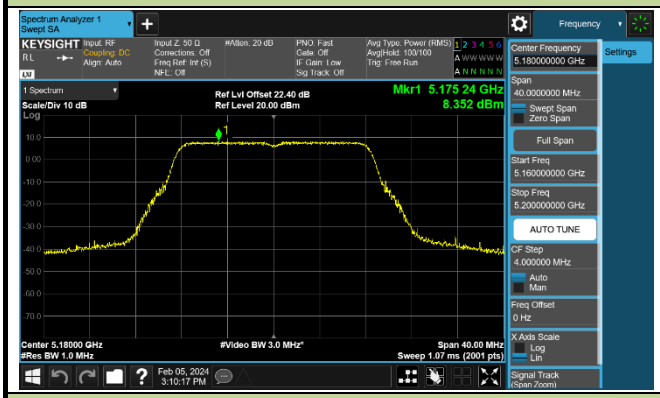
Note 1: When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} (dBm/510kHz).

When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} (dBm/510kHz) + 10*log (1/Duty Cycle).

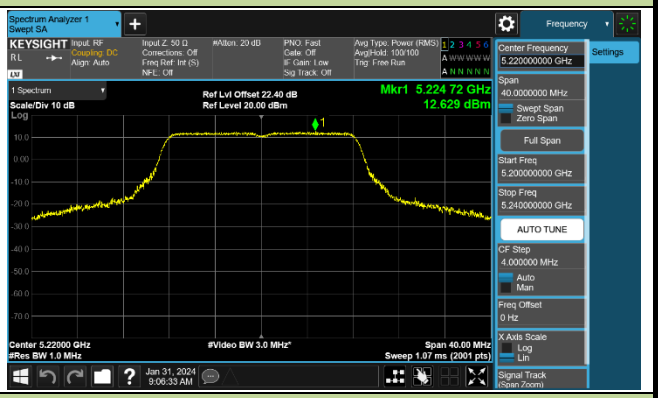
Note 2: PSD Limit (dBm/500kHz) = 30 - (6.01 - 6) = 29.99 (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

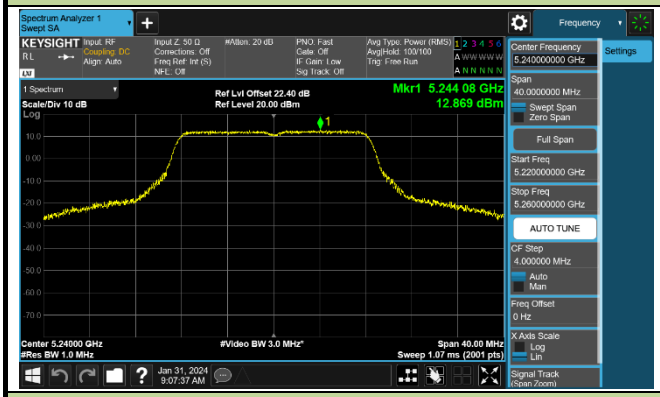
Channel 36 (5180MHz)



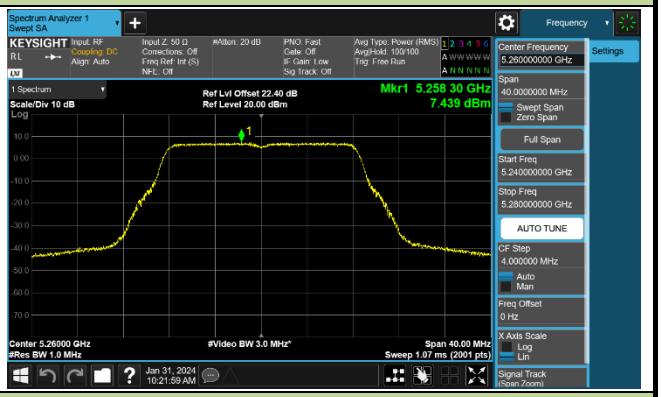
Channel 44 (5220MHz)



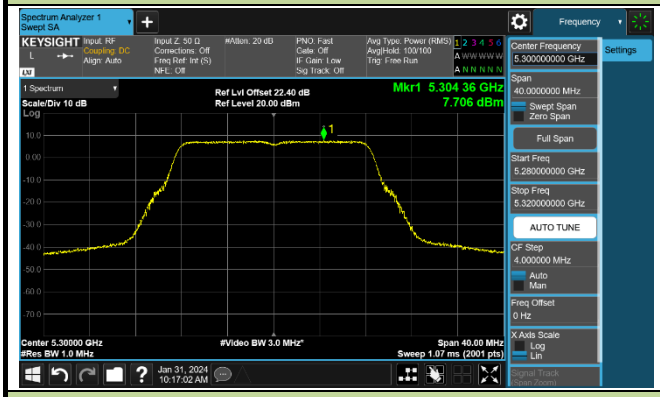
Channel 48 (5240MHz)



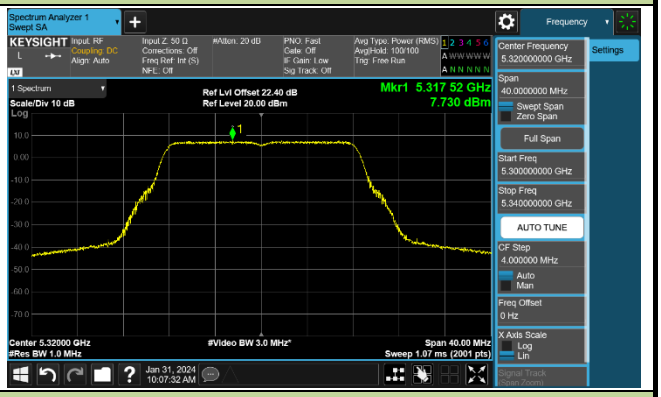
Channel 52 (5260MHz)



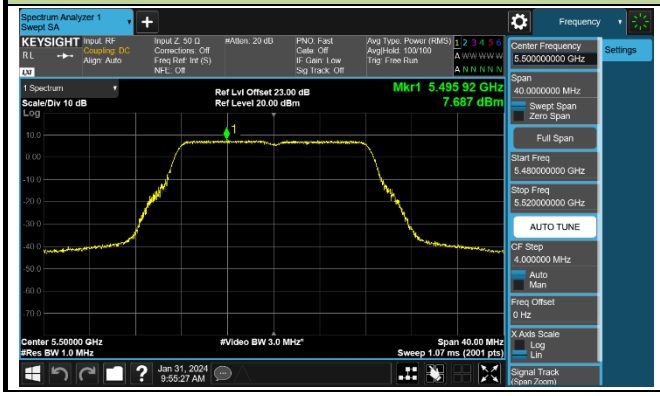
Channel 60 (5300MHz)



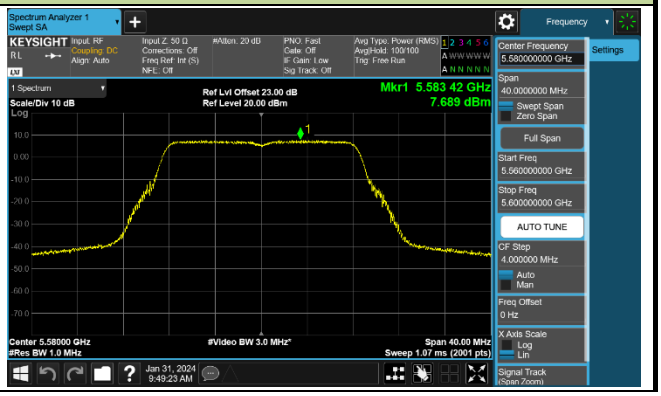
Channel 64 (5320MHz)

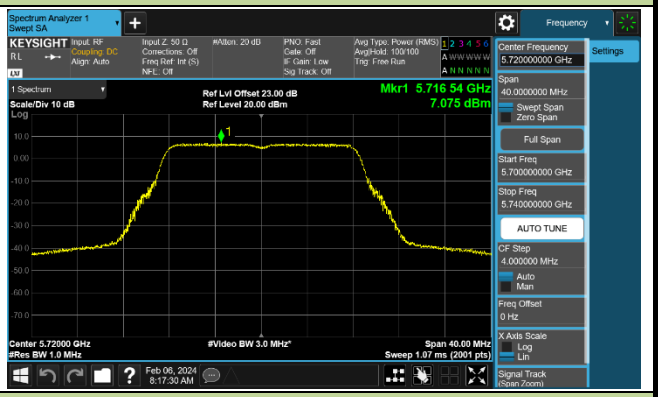
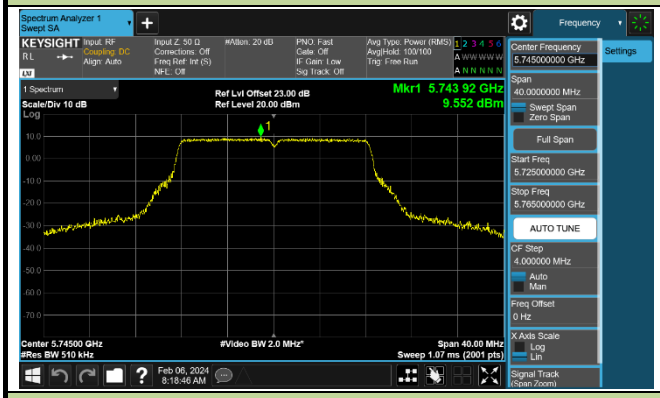
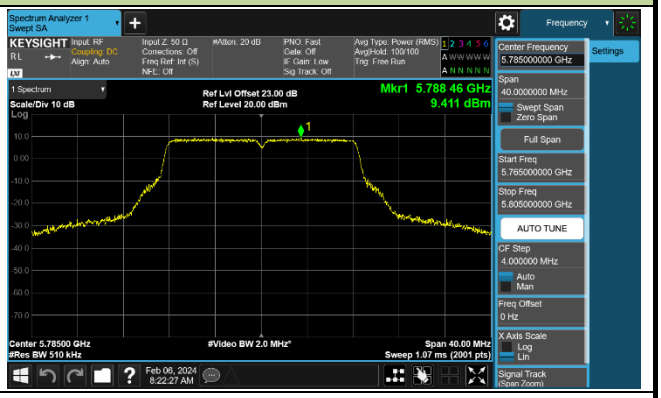
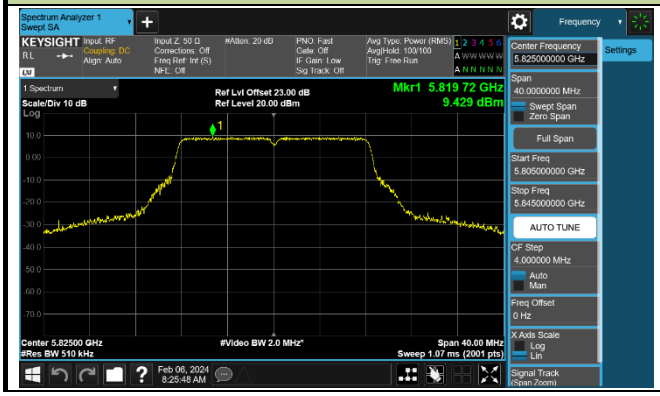


Channel 100 (5500MHz)



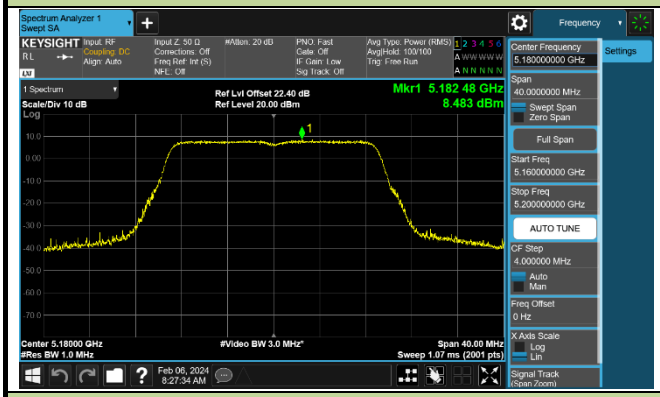
Channel 116 (5580MHz)



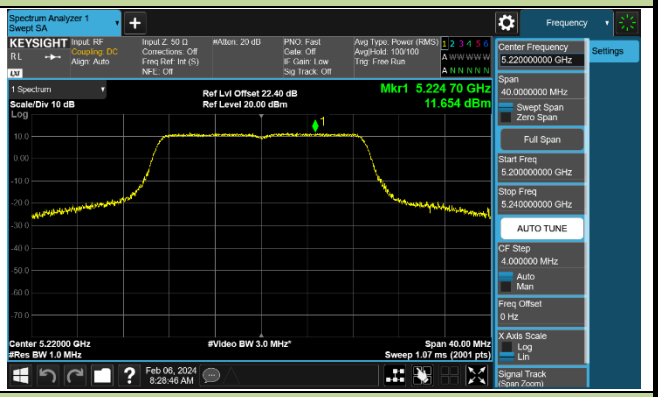
Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 0

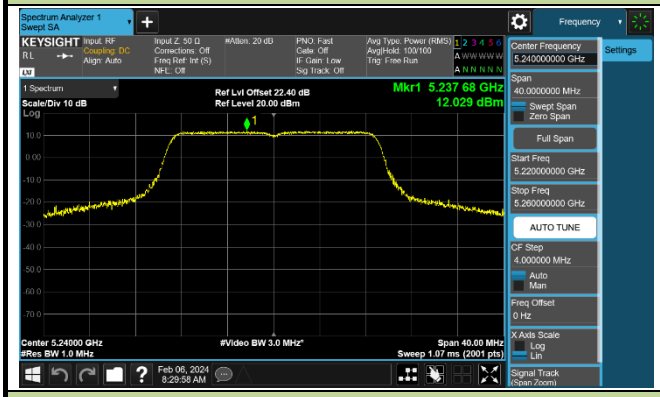
Channel 36 (5180MHz)



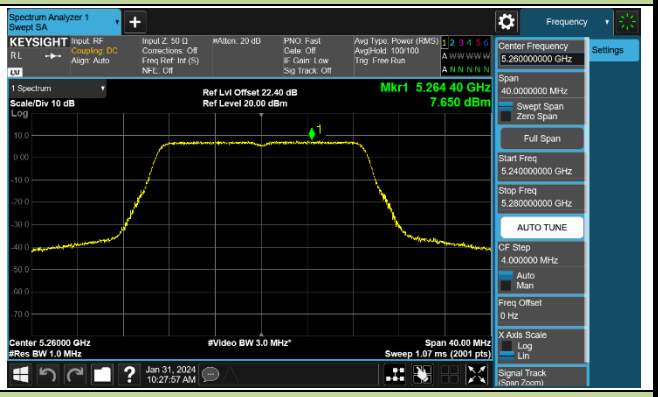
Channel 44 (5220MHz)



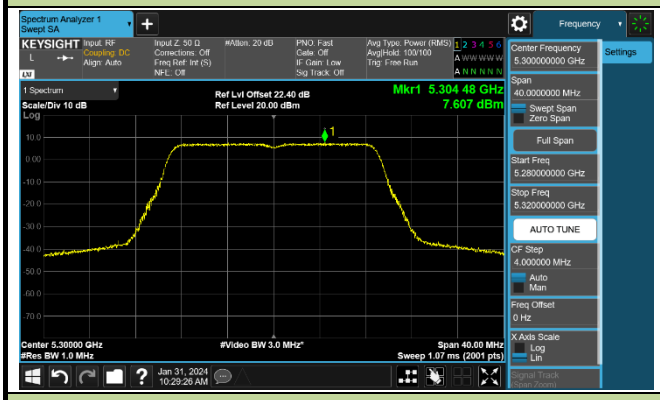
Channel 48 (5240MHz)



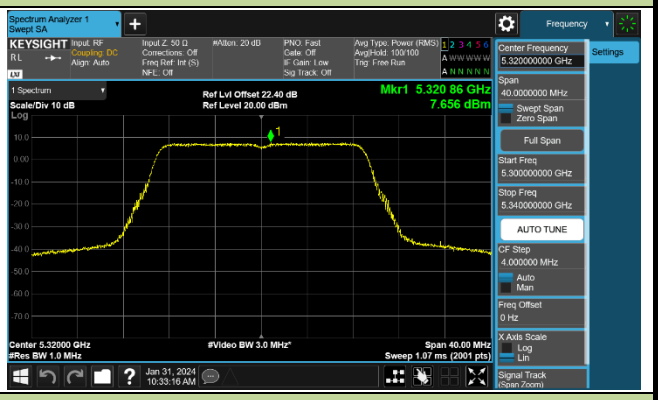
Channel 52 (5260MHz)



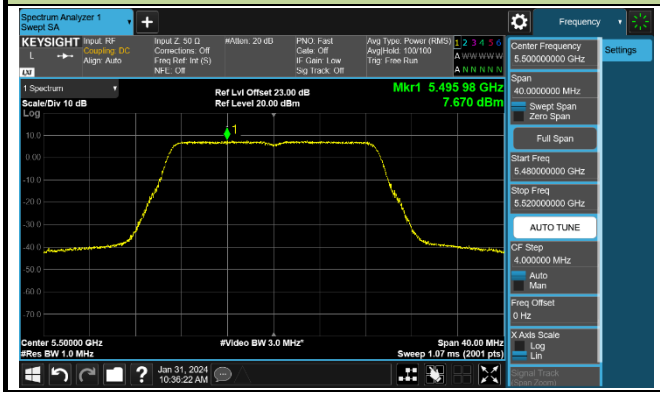
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)