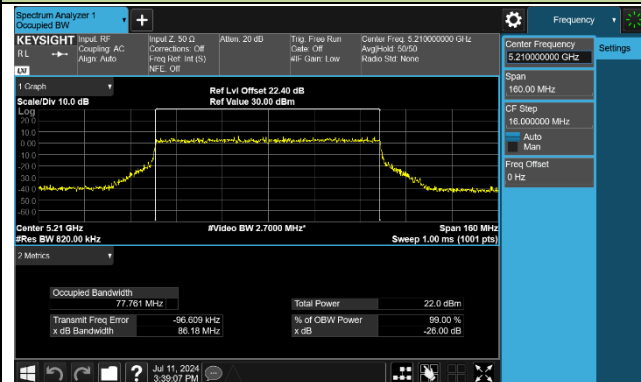
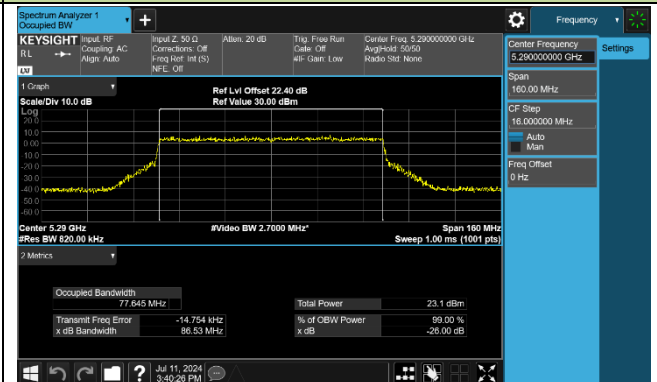


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

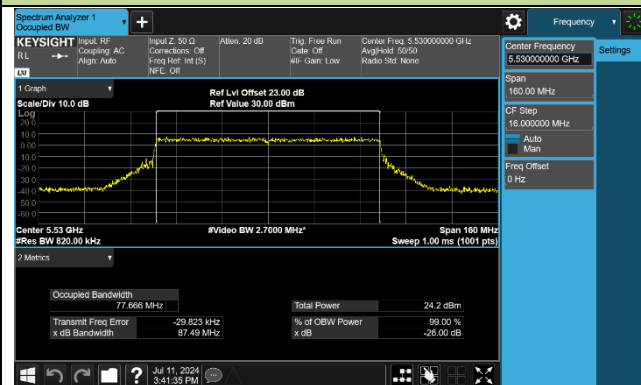
Channel 42 (5210MHz)



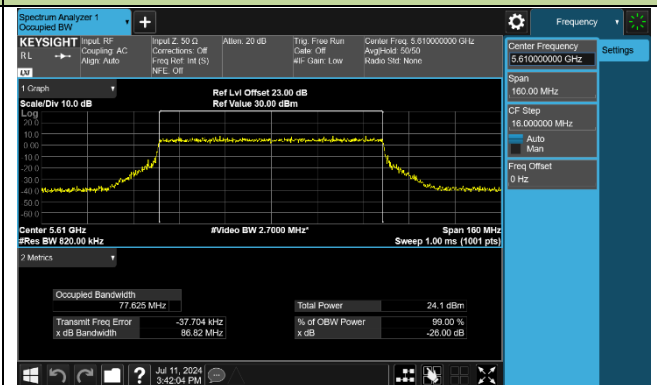
Channel 58 (5290MHz)



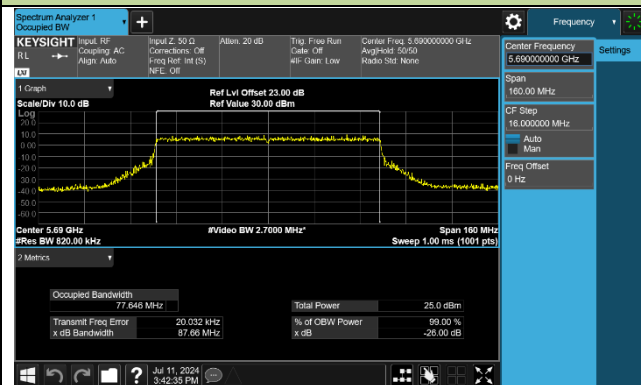
Channel 106 (5530MHz)



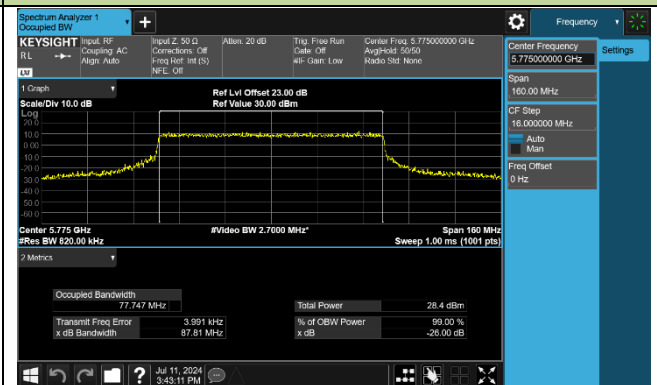
Channel 122 (5610MHz)



Channel 138 (5690MHz)

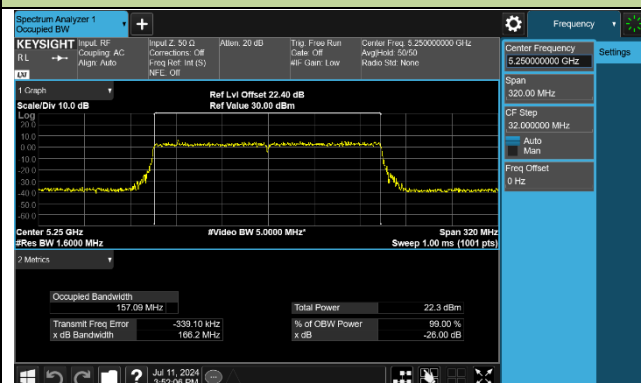


Channel 155 (5775MHz)

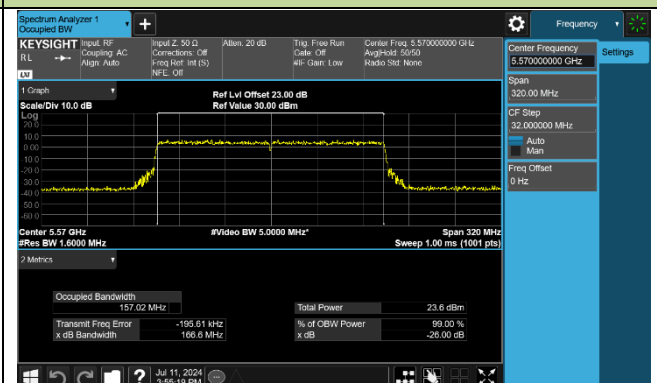


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

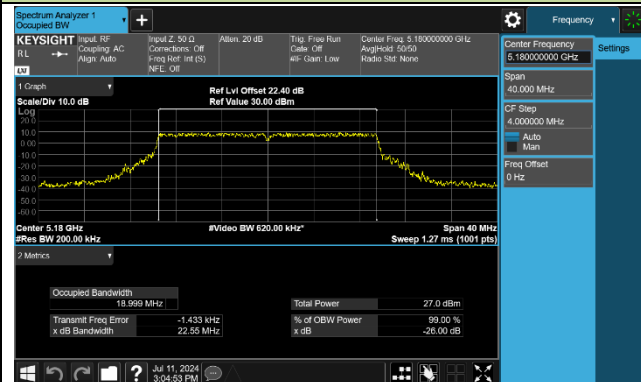


Channel 114 (5570MHz)

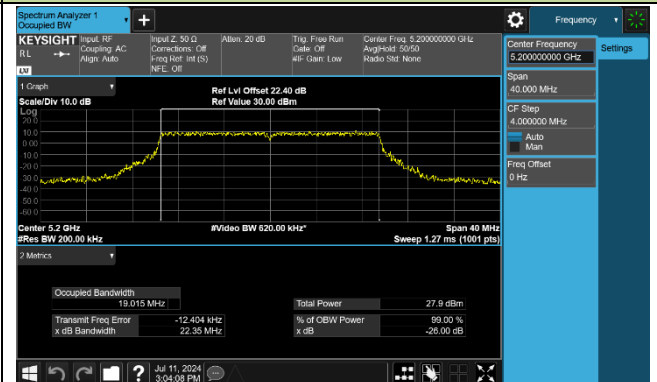


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

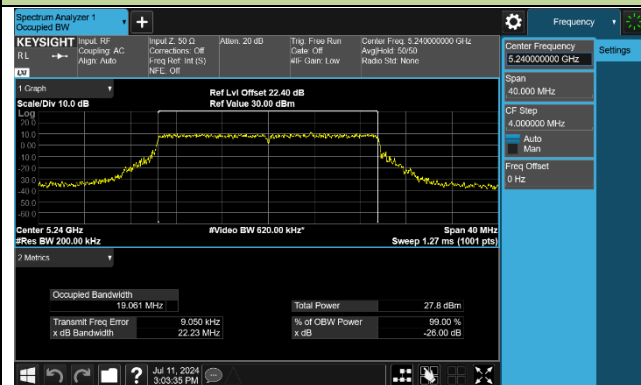
Channel 36 (5180MHz)



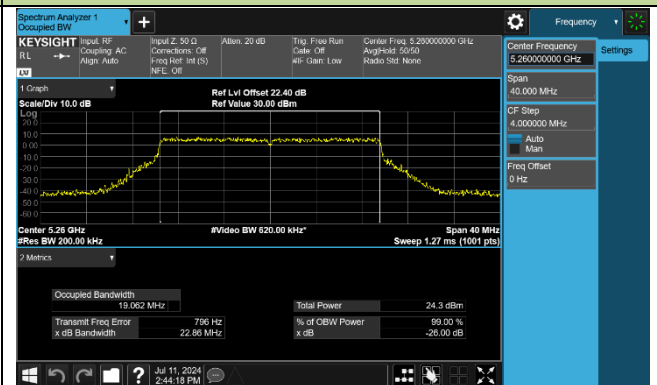
Channel 40 (5200MHz)



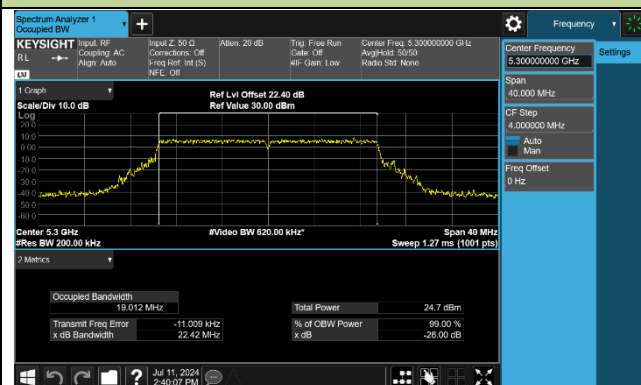
Channel 48 (5240MHz)



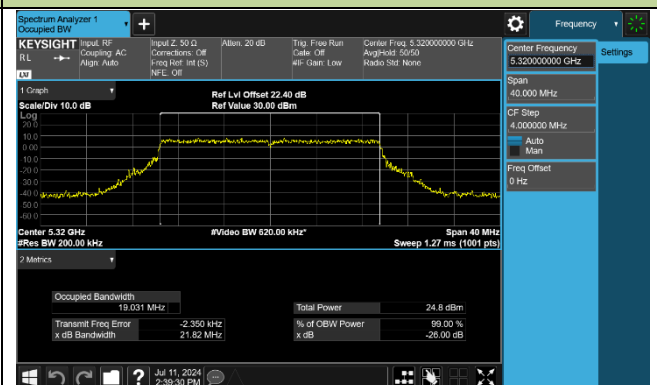
Channel 52 (5260MHz)



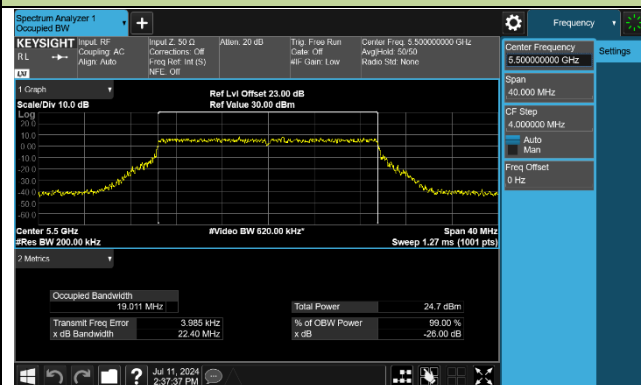
Channel 60 (5300MHz)



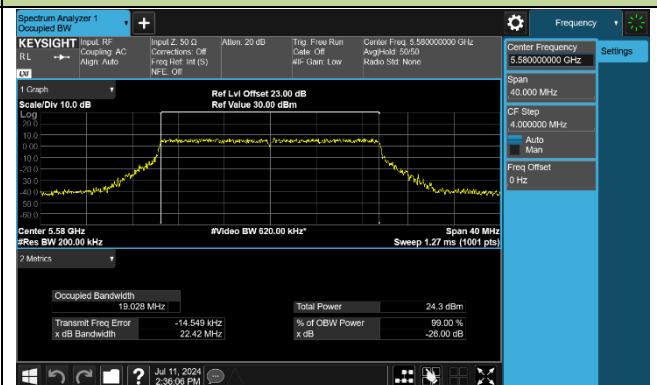
Channel 64 (5320MHz)

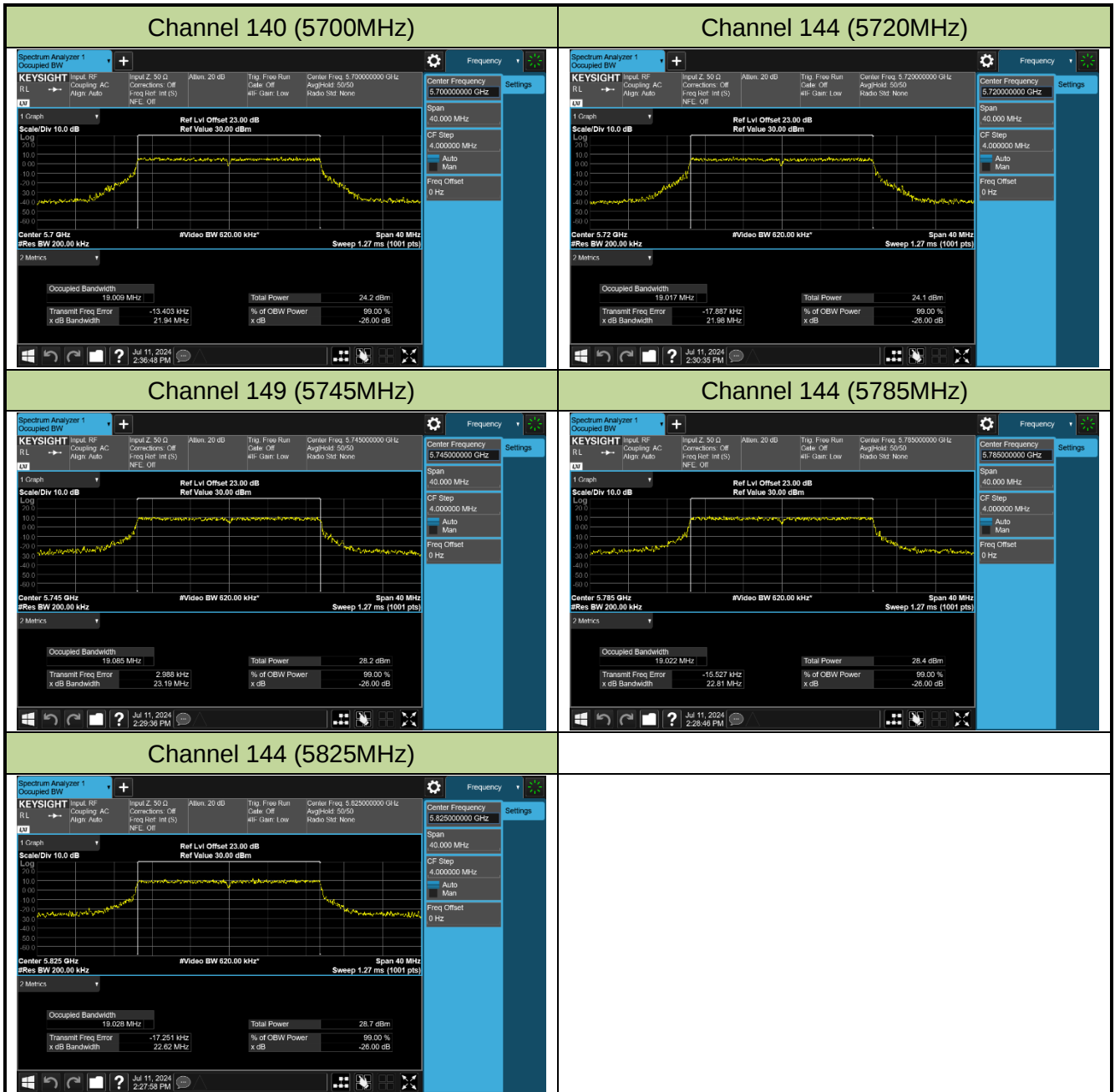


Channel 100 (5500MHz)



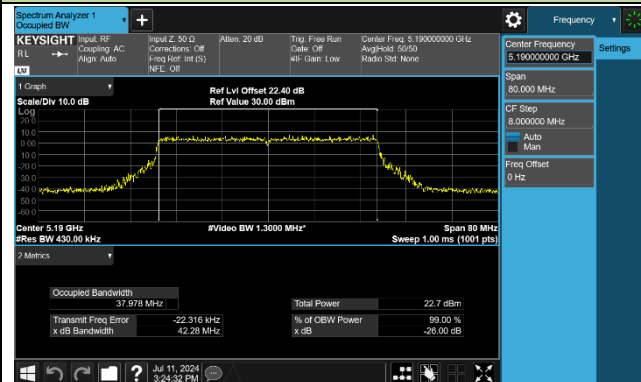
Channel 116 (5580MHz)



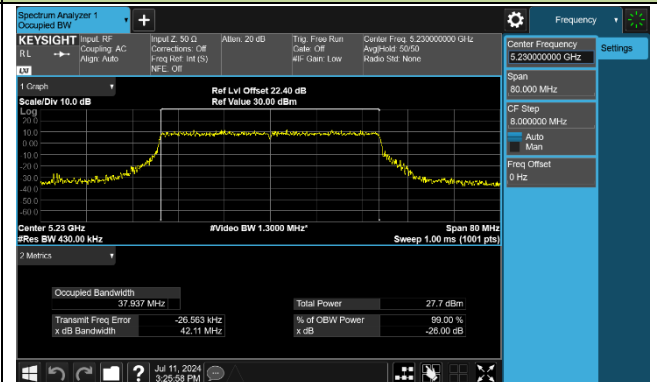


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

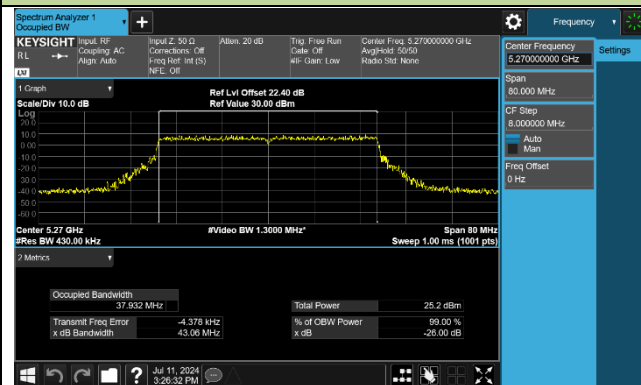
Channel 38 (5190MHz)



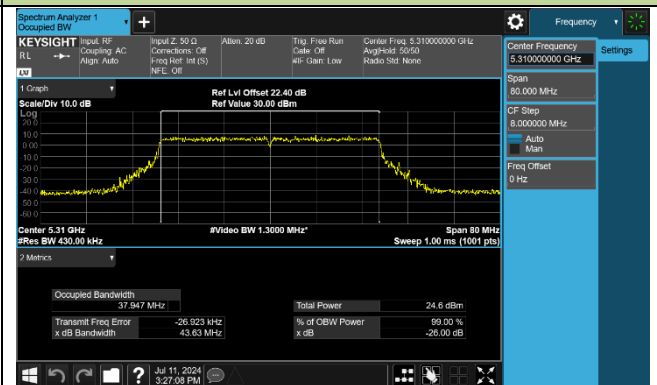
Channel 46 (5230MHz)



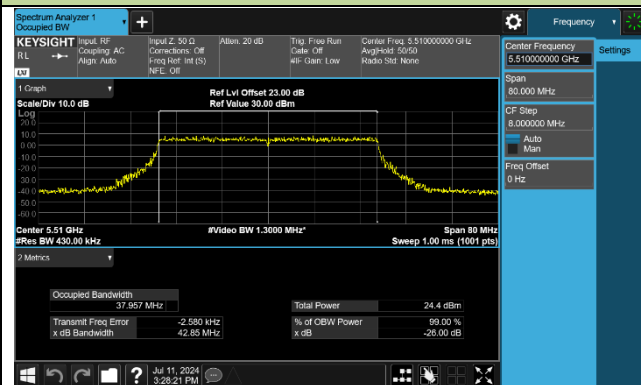
Channel 54 (5270MHz)



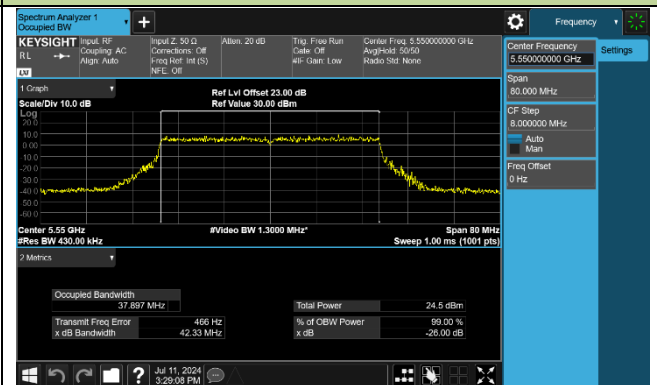
Channel 62 (5310MHz)



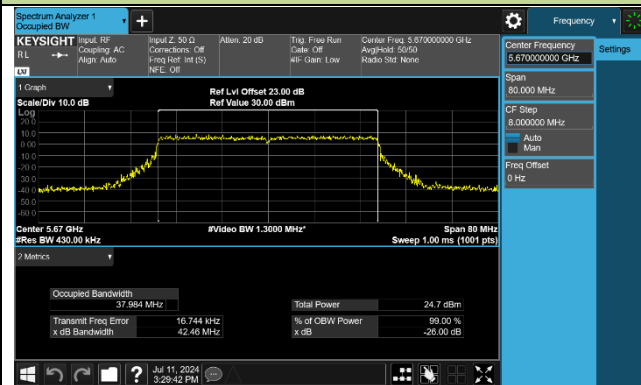
Channel 102 (5510MHz)



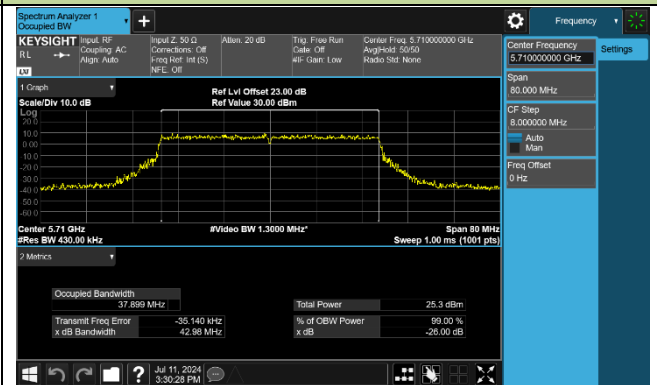
Channel 110 (5550MHz)

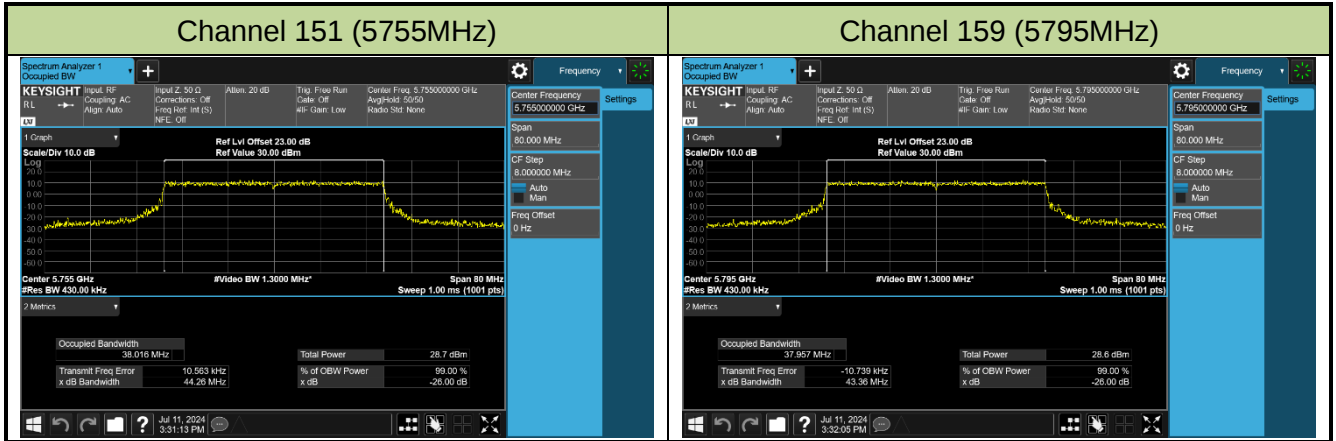


Channel 134 (5670MHz)



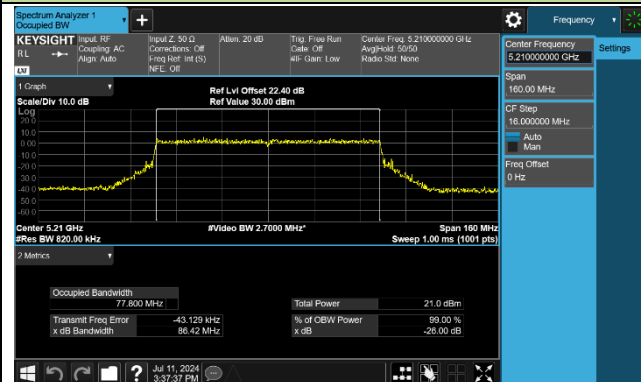
Channel 142 (5710MHz)



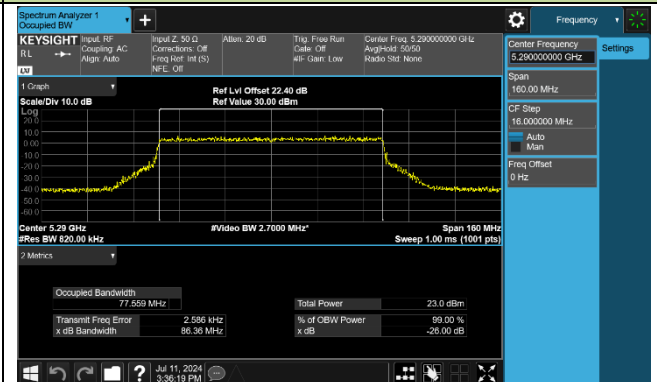


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

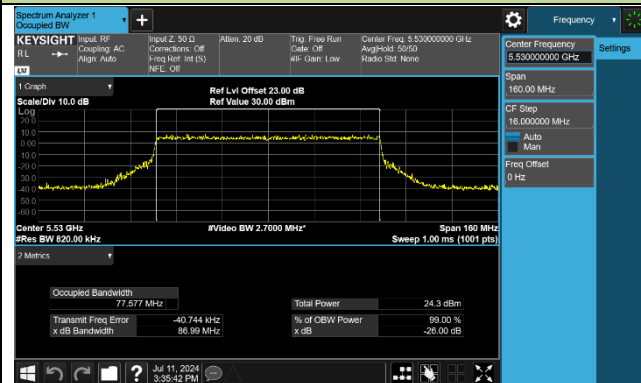
Channel 42 (5210MHz)



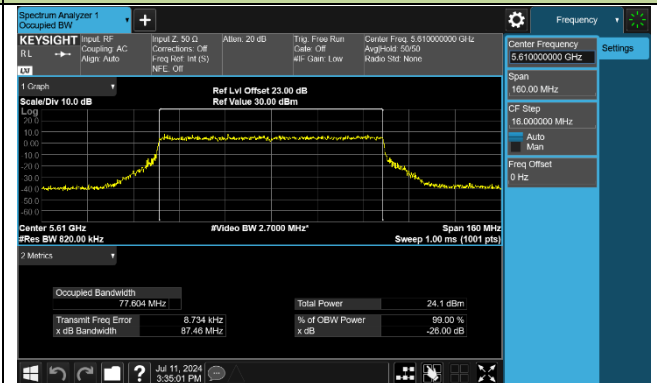
Channel 58 (5290MHz)



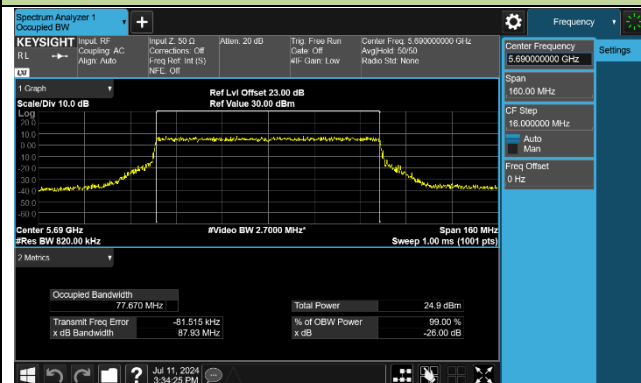
Channel 106 (5530MHz)



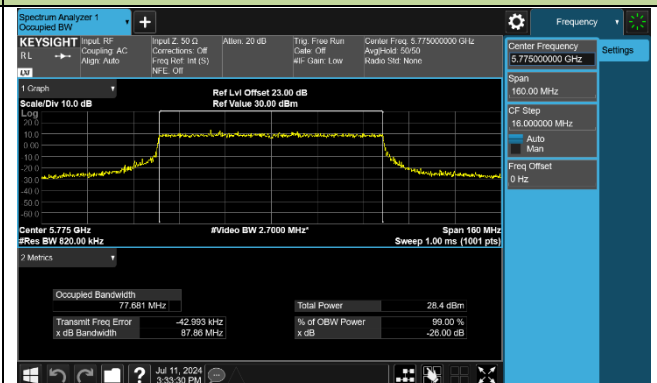
Channel 122 (5610MHz)



Channel 138 (5690MHz)

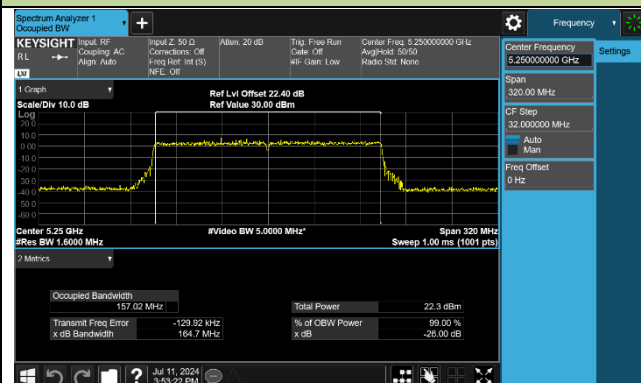


Channel 155 (5775MHz)

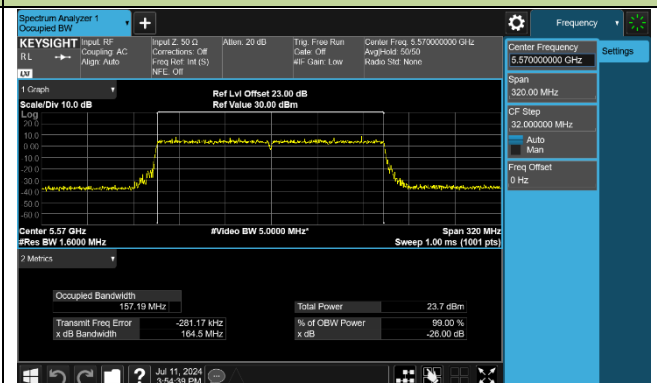


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

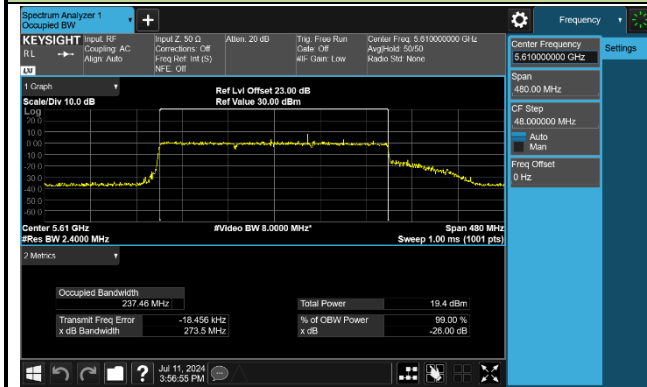


Channel 114 (5570MHz)



802.11be-EHT240 26dB Bandwidth & 99% Bandwidth

Channel 130 (5650MHz)



7.3. 6dB Bandwidth Measurement

7.3.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

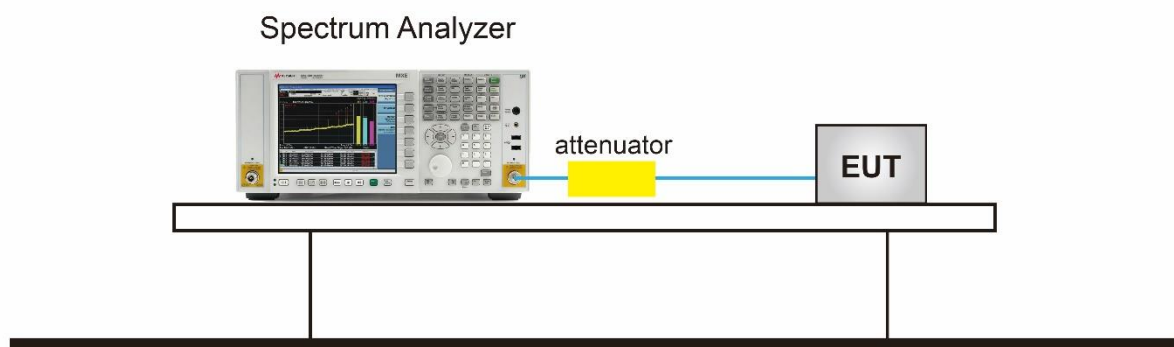
7.3.2. Test Procedure used

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 $3 \times$ 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



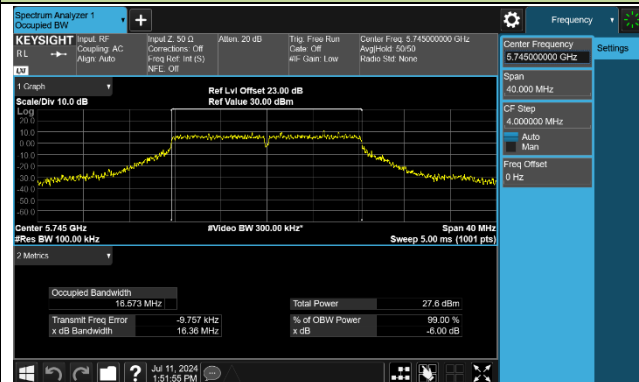
7.3.5.TestResult

Product	BE5000 Ceiling Mount Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/7/11

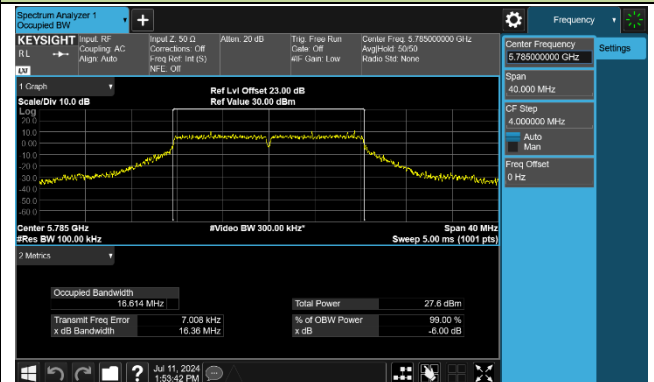
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1						
802.11a	6Mbps	149	5745	16.36	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.36	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.37	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.67	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.66	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.61	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	36.53	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	36.53	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.48	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	19.01	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	19.07	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	19.02	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	38.07	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	38.19	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	78.16	≥ 0.5	Pass
802.11be-EHT20	MCS0	149	5745	19.03	≥ 0.5	Pass
802.11be-EHT20	MCS0	157	5785	19.07	≥ 0.5	Pass
802.11be-EHT20	MCS0	165	5825	19.05	≥ 0.5	Pass
802.11be-EHT40	MCS0	151	5755	38.17	≥ 0.5	Pass
802.11be-EHT40	MCS0	159	5795	38.12	≥ 0.5	Pass
802.11be-EHT80	MCS0	155	5775	78.27	≥ 0.5	Pass

802.11a 6dB Bandwidth

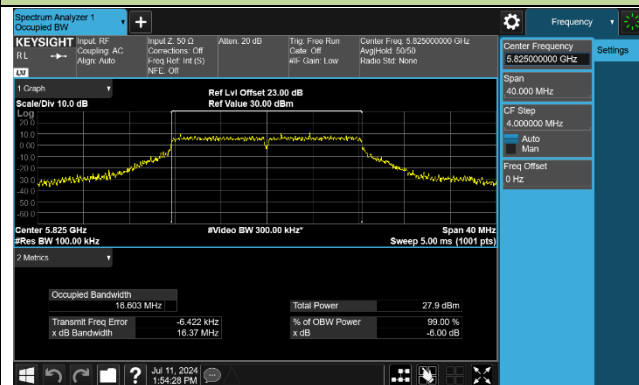
Channel 149 (5745MHz)



Channel 157 (5785MHz)

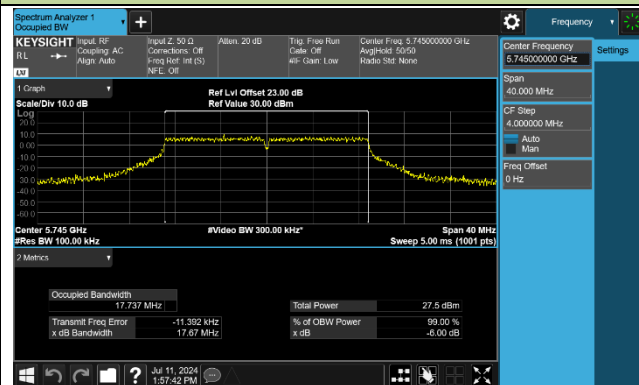


Channel 165 (5825MHz)

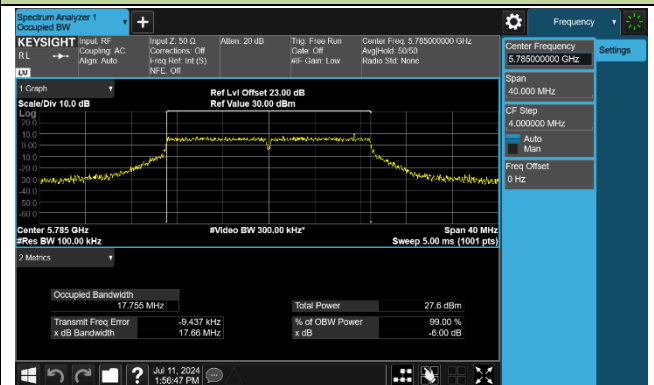


802.11ac-VHT20 6dB Bandwidth

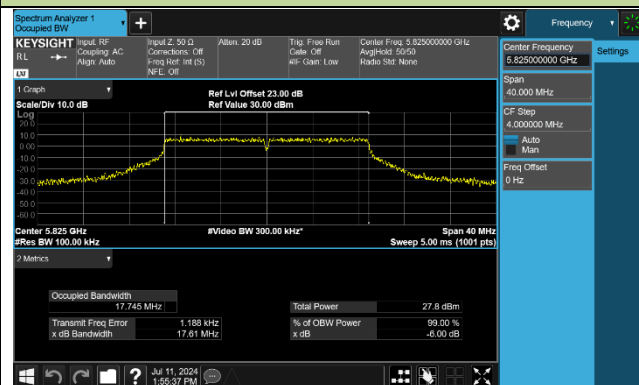
Channel 149 (5745MHz)



Channel 157 (5785MHz)

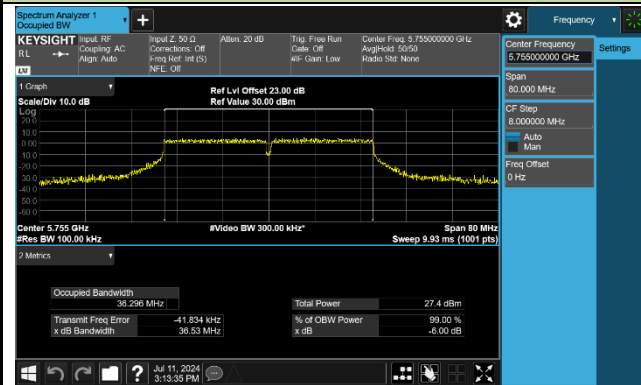


Channel 165 (5825MHz)

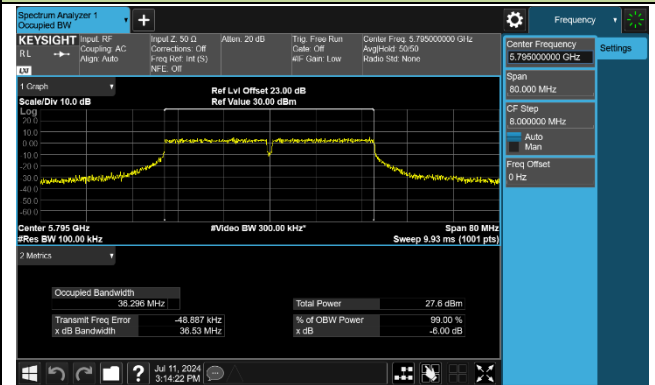


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

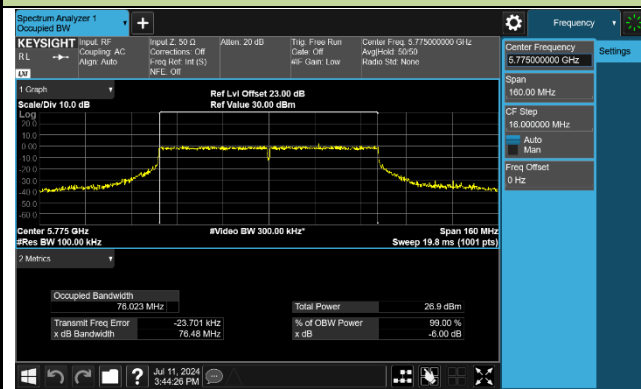


Channel 159 (5795MHz)



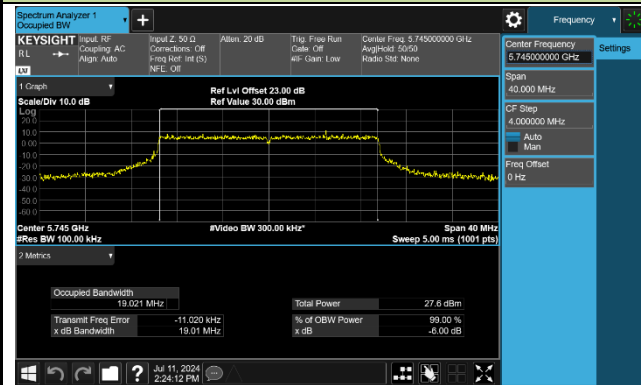
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

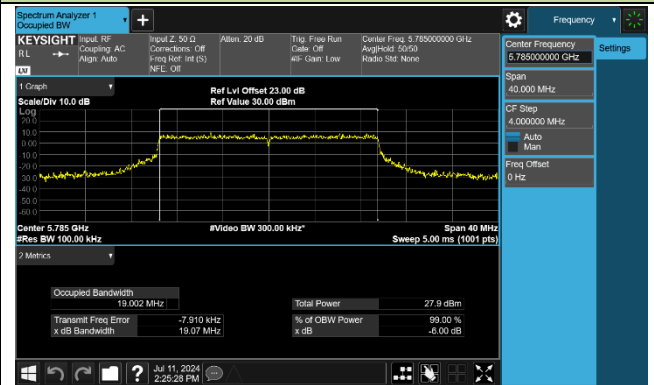


802.11ax-HE20 6dB Bandwidth

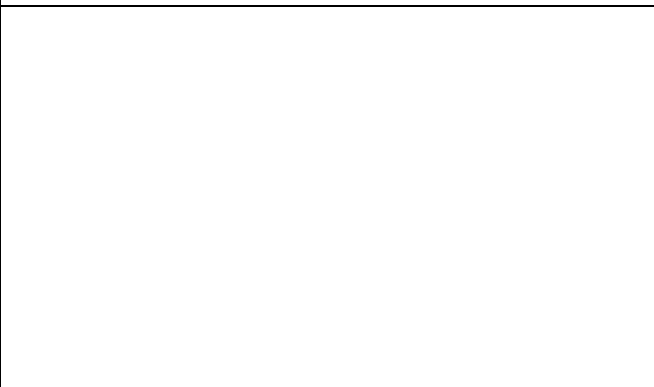
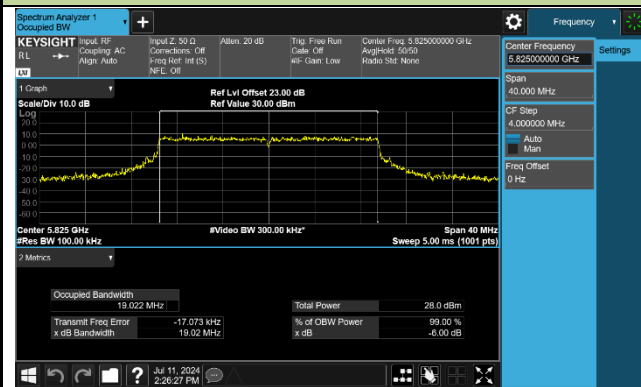
Channel 149 (5745MHz)



Channel 157 (5785MHz)

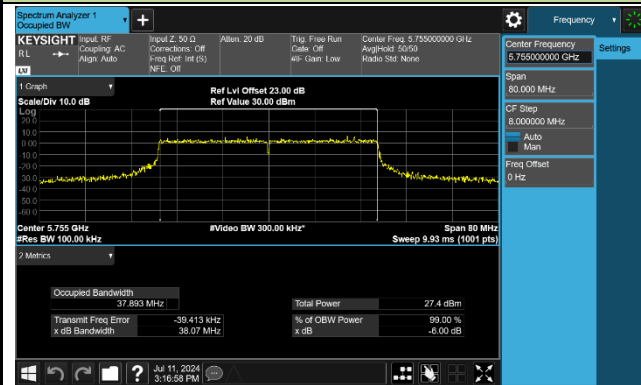


Channel 165 (5825MHz)

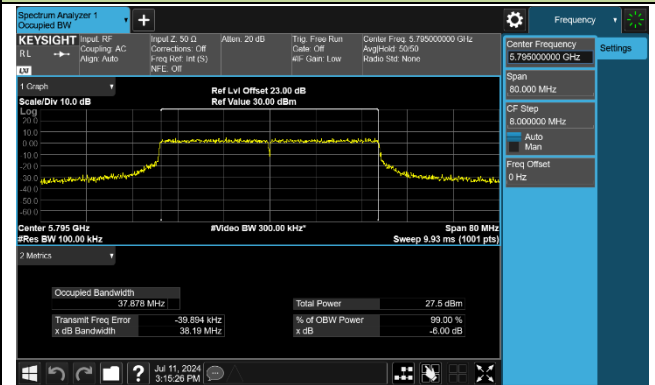


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

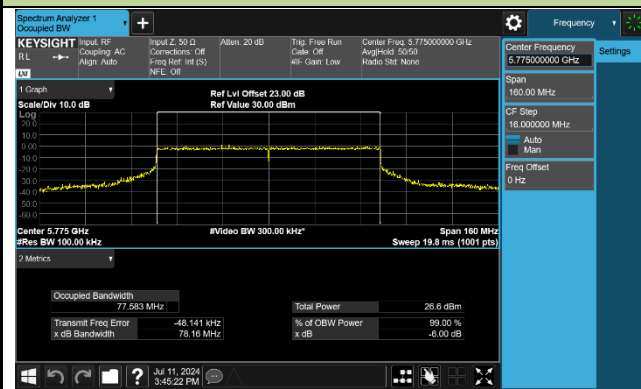


Channel 159 (5795MHz)



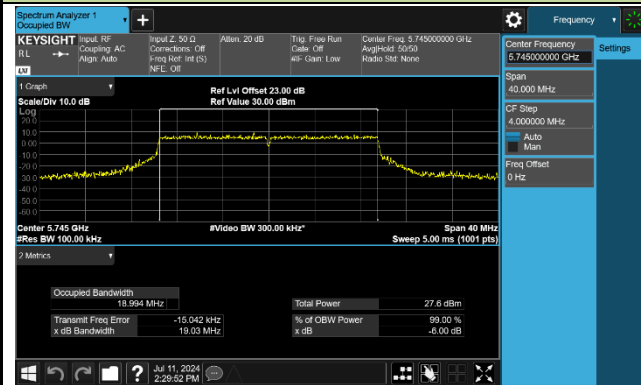
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)

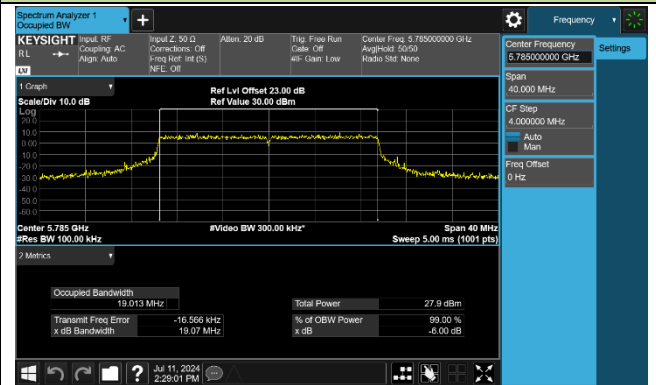


802.11be-EHT20 6dB Bandwidth

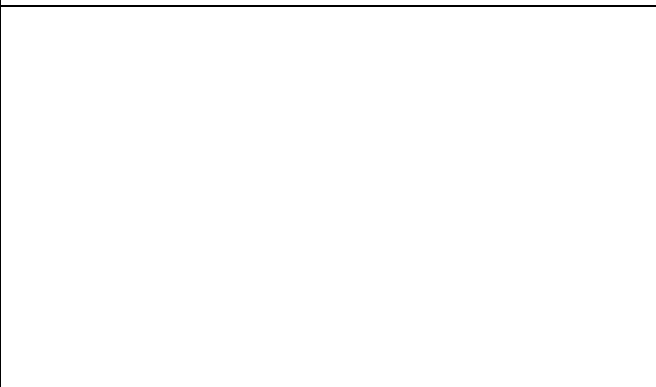
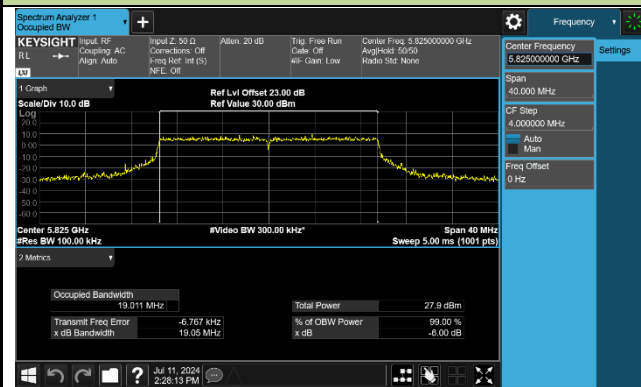
Channel 149 (5745MHz)



Channel 157 (5785MHz)

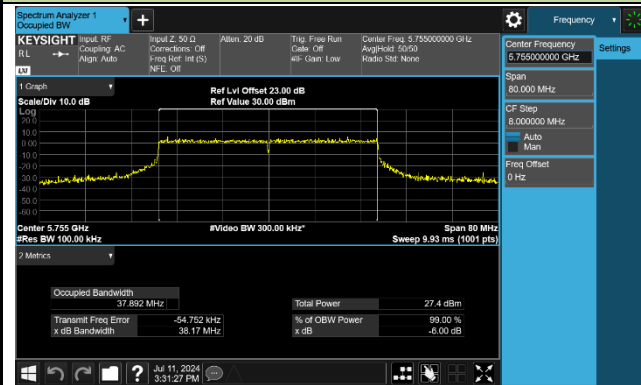


Channel 165 (5825MHz)

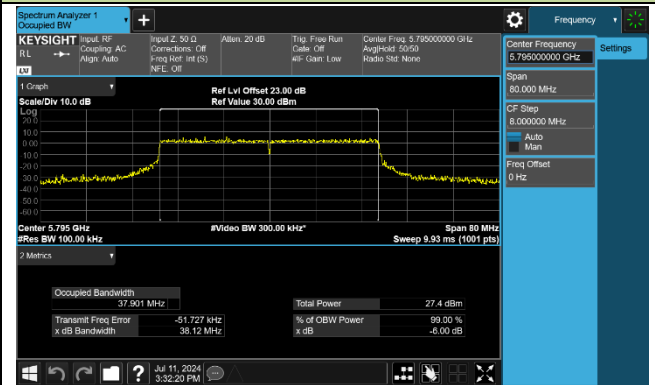


802.11be-EHT 40 6dB Bandwidth

Channel 151 (5755MHz)

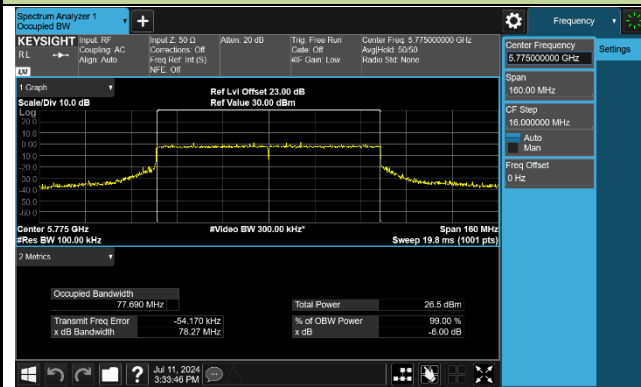


Channel 159 (5795MHz)



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 conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna 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 $11 \text{ dBm} + 10 \log B$, 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 maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

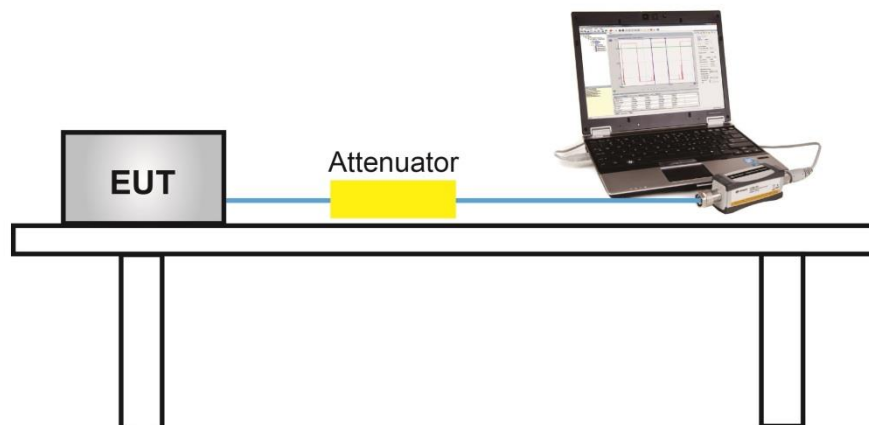
7.4.2. Test Procedure Used

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	BE5000 Ceiling Mount Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/7/5~2024/7/11
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	22.64	23.02	25.84	≤ 30.00	Pass
11a	6Mbps	40	5200	23.08	23.23	26.17	≤ 30.00	Pass
11a	6Mbps	48	5240	22.42	23.37	25.93	≤ 30.00	Pass
11a	6Mbps	52	5260	20.54	21.11	23.84	≤ 23.98	Pass
11a	6Mbps	60	5300	20.34	21.00	23.69	≤ 23.98	Pass
11a	6Mbps	64	5320	20.25	21.02	23.66	≤ 23.98	Pass
11a	6Mbps	100	5500	20.64	20.93	23.80	≤ 23.98	Pass
11a	6Mbps	116	5580	20.55	20.65	23.61	≤ 23.98	Pass
11a	6Mbps	140	5700	20.26	20.73	23.51	≤ 23.98	Pass
11a	6Mbps	144	5720	19.43	19.87	22.67	≤ 23.00	Pass
11a	6Mbps	149	5745	23.79	24.36	27.09	≤ 30.00	Pass
11a	6Mbps	157	5785	23.90	24.33	27.13	≤ 30.00	Pass
11a	6Mbps	165	5825	23.80	24.52	27.19	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	22.22	22.66	25.46	≤ 30.00	Pass
11ac-VHT20	MCS0	40	5200	22.54	22.96	25.77	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	22.10	22.78	25.46	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	20.44	21.10	23.79	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	20.29	21.03	23.69	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	20.15	21.04	23.63	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	20.57	20.79	23.69	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	20.55	20.63	23.60	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	20.21	20.79	23.52	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	19.52	19.85	22.70	≤ 23.10	Pass
11ac-VHT20	MCS0	149	5745	23.85	24.39	27.14	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	23.87	24.32	27.11	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	23.88	24.37	27.14	≤ 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	18.81	18.92	21.88	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	22.17	22.72	25.46	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	20.53	21.15	23.86	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	20.21	20.76	23.50	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	20.79	20.71	23.76	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	20.53	20.52	23.54	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	20.55	20.61	23.59	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	20.57	21.20	23.91	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	24.07	24.35	27.22	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	24.13	24.37	27.26	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	17.88	18.37	21.14	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	19.14	19.63	22.40	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	20.70	20.63	23.68	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	20.61	20.54	23.59	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.58	21.03	23.82	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	23.82	24.19	27.02	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	18.43	19.01	21.74	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	20.69	20.30	23.51	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	22.31	22.76	25.55	≤ 30.00	Pass
11ax-HE20	MCS0	40	5200	22.73	22.85	25.80	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	22.13	22.90	25.54	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	20.33	21.16	23.78	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	20.72	21.06	23.90	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	20.61	21.07	23.86	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	20.79	21.06	23.94	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	20.82	20.86	23.85	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	20.50	21.01	23.77	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	19.55	20.01	22.80	≤ 23.10	Pass
11ax-HE20	MCS0	149	5745	23.95	24.48	27.23	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	23.97	24.49	27.25	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	23.98	24.53	27.27	≤ 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	18.83	18.98	21.92	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	22.17	22.94	25.58	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	20.56	21.25	23.93	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	20.35	20.87	23.63	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	20.74	20.76	23.76	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	20.51	20.49	23.51	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	20.62	20.68	23.66	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	20.10	20.61	23.37	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	23.99	24.44	27.23	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	24.01	24.41	27.22	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	18.01	18.46	21.25	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	18.67	19.17	21.94	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	20.72	20.64	23.69	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.52	20.46	23.50	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	20.47	20.99	23.75	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	23.86	24.27	27.08	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	18.47	19.06	21.79	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	20.53	20.36	23.46	≤ 23.98	Pass
11be-EHT20	MCS0	36	5180	22.87	23.11	26.00	≤ 30.00	Pass
11be-EHT20	MCS0	40	5200	22.46	22.80	25.64	≤ 30.00	Pass
11be-EHT20	MCS0	48	5240	22.75	23.37	26.08	≤ 30.00	Pass
11be-EHT20	MCS0	52	5260	20.11	20.76	23.46	≤ 23.98	Pass
11be-EHT20	MCS0	60	5300	20.63	21.12	23.89	≤ 23.98	Pass
11be-EHT20	MCS0	64	5320	20.57	21.20	23.91	≤ 23.98	Pass
11be-EHT20	MCS0	100	5500	20.76	21.02	23.90	≤ 23.98	Pass
11be-EHT20	MCS0	116	5580	20.71	20.81	23.77	≤ 23.98	Pass
11be-EHT20	MCS0	140	5700	20.50	20.89	23.71	≤ 23.98	Pass
11be-EHT20	MCS0	144	5720	19.68	20.02	22.86	≤ 23.04	Pass
11be-EHT20	MCS0	149	5745	24.01	24.55	27.30	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	24.03	24.51	27.29	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	24.02	24.54	27.30	≤ 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	18.75	18.86	21.82	≤ 30.00	Pass
11be-EHT40	MCS0	46	5230	22.06	22.61	25.35	≤ 30.00	Pass
11be-EHT40	MCS0	54	5270	20.47	21.15	23.83	≤ 23.98	Pass
11be-EHT40	MCS0	62	5310	19.92	20.22	23.08	≤ 23.98	Pass
11be-EHT40	MCS0	102	5510	20.59	20.69	23.65	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.86	20.89	23.89	≤ 23.98	Pass
11be-EHT40	MCS0	134	5670	20.44	20.74	23.60	≤ 23.98	Pass
11be-EHT40	MCS0	142	5710	20.62	21.21	23.94	≤ 23.98	Pass
11be-EHT40	MCS0	151	5755	24.02	24.34	27.19	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	24.09	24.31	27.21	≤ 30.00	Pass
11be-EHT80	MCS0	42	5210	17.01	17.54	20.29	≤ 30.00	Pass
11be-EHT80	MCS0	58	5290	18.76	19.23	22.01	≤ 23.98	Pass
11be-EHT80	MCS0	106	5530	20.77	20.62	23.71	≤ 23.98	Pass
11be-EHT80	MCS0	122	5610	20.61	20.44	23.54	≤ 23.98	Pass
11be-EHT80	MCS0	138	5690	20.67	20.95	23.82	≤ 23.98	Pass
11be-EHT80	MCS0	155	5775	23.89	24.36	27.14	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	18.49	19.04	21.78	≤ 23.98	Pass
11be-EHT160	MCS0	114	5570	20.67	20.37	23.53	≤ 23.98	Pass
11be-EHT240	MCS0	130	5650	16.11	16.56	19.35	≤ 23.98	Pass

Note 1:

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

Note 2:

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

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

For Channel 144 (5720MHz), Average Power Limit (dBm) = $11 + 10 \cdot \log(5\text{MHz} + \text{BW}_{26\text{dBc}}/2)$

Product	BE5000 Ceiling Mount Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/7/5~2024/7/11
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	22.22	22.66	25.46	≤ 29.99	Pass
11ac-VHT20	MCS0	40	5200	22.54	22.96	25.77	≤ 29.99	Pass
11ac-VHT20	MCS0	48	5240	22.10	22.78	25.46	≤ 29.99	Pass
11ac-VHT20	MCS0	52	5260	20.44	21.10	23.79	≤ 23.97	Pass
11ac-VHT20	MCS0	60	5300	20.29	21.03	23.69	≤ 23.97	Pass
11ac-VHT20	MCS0	64	5320	20.15	21.04	23.63	≤ 23.97	Pass
11ac-VHT20	MCS0	100	5500	20.57	20.79	23.69	≤ 23.97	Pass
11ac-VHT20	MCS0	116	5580	20.55	20.63	23.60	≤ 23.97	Pass
11ac-VHT20	MCS0	140	5700	20.21	20.79	23.52	≤ 23.97	Pass
11ac-VHT20	MCS0	144	5720	19.52	19.85	22.70	≤ 23.09	Pass
11ac-VHT20	MCS0	149	5745	23.85	24.39	27.14	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	23.87	24.32	27.11	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	23.88	24.37	27.14	≤ 29.99	Pass
11ac-VHT40	MCS0	38	5190	18.81	18.92	21.88	≤ 29.99	Pass
11ac-VHT40	MCS0	46	5230	22.17	22.72	25.46	≤ 29.99	Pass
11ac-VHT40	MCS0	54	5270	20.53	21.15	23.86	≤ 23.97	Pass
11ac-VHT40	MCS0	62	5310	20.21	20.76	23.50	≤ 23.97	Pass
11ac-VHT40	MCS0	102	5510	20.79	20.71	23.76	≤ 23.97	Pass
11ac-VHT40	MCS0	110	5550	20.53	20.52	23.54	≤ 23.97	Pass
11ac-VHT40	MCS0	134	5670	20.55	20.61	23.59	≤ 23.97	Pass
11ac-VHT40	MCS0	142	5710	20.57	21.20	23.91	≤ 23.97	Pass
11ac-VHT40	MCS0	151	5755	24.07	24.35	27.22	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	24.13	24.37	27.26	≤ 29.99	Pass
11ac-VHT80	MCS0	42	5210	17.88	18.37	21.14	≤ 29.99	Pass
11ac-VHT80	MCS0	58	5290	19.14	19.63	22.40	≤ 23.97	Pass
11ac-VHT80	MCS0	106	5530	20.70	20.63	23.68	≤ 23.97	Pass
11ac-VHT80	MCS0	122	5610	20.61	20.54	23.59	≤ 23.97	Pass
11ac-VHT80	MCS0	138	5690	20.58	21.03	23.82	≤ 23.97	Pass
11ac-VHT80	MCS0	155	5775	23.82	24.19	27.02	≤ 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	18.43	19.01	21.74	≤ 23.97	Pass
11ac-VHT160	MCS0	114	5570	20.69	20.30	23.51	≤ 23.97	Pass
11ax-HE20	MCS0	36	5180	22.31	22.76	25.55	≤ 29.99	Pass
11ax-HE20	MCS0	40	5200	22.73	22.85	25.80	≤ 29.99	Pass
11ax-HE20	MCS0	48	5240	22.13	22.90	25.54	≤ 29.99	Pass
11ax-HE20	MCS0	52	5260	20.33	21.16	23.78	≤ 23.97	Pass
11ax-HE20	MCS0	60	5300	20.72	21.06	23.90	≤ 23.97	Pass
11ax-HE20	MCS0	64	5320	20.61	21.07	23.86	≤ 23.97	Pass
11ax-HE20	MCS0	100	5500	20.79	21.06	23.94	≤ 23.97	Pass
11ax-HE20	MCS0	116	5580	20.82	20.86	23.85	≤ 23.97	Pass
11ax-HE20	MCS0	140	5700	20.50	21.01	23.77	≤ 23.97	Pass
11ax-HE20	MCS0	144	5720	19.55	20.01	22.80	≤ 23.08	Pass
11ax-HE20	MCS0	149	5745	23.95	24.48	27.23	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	23.97	24.49	27.25	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	23.98	24.53	27.27	≤ 29.99	Pass
11ax-HE40	MCS0	38	5190	18.83	18.98	21.92	≤ 29.99	Pass
11ax-HE40	MCS0	46	5230	22.17	22.94	25.58	≤ 29.99	Pass
11ax-HE40	MCS0	54	5270	20.56	21.25	23.93	≤ 23.97	Pass
11ax-HE40	MCS0	62	5310	20.35	20.87	23.63	≤ 23.97	Pass
11ax-HE40	MCS0	102	5510	20.74	20.76	23.76	≤ 23.97	Pass
11ax-HE40	MCS0	110	5550	20.51	20.49	23.51	≤ 23.97	Pass
11ax-HE40	MCS0	134	5670	20.62	20.68	23.66	≤ 23.97	Pass
11ax-HE40	MCS0	142	5710	20.10	20.61	23.37	≤ 23.97	Pass
11ax-HE40	MCS0	151	5755	23.99	24.44	27.23	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	24.01	24.41	27.22	≤ 29.99	Pass
11ax-HE80	MCS0	42	5210	18.01	18.46	21.25	≤ 29.99	Pass
11ax-HE80	MCS0	58	5290	18.67	19.17	21.94	≤ 23.97	Pass
11ax-HE80	MCS0	106	5530	20.72	20.64	23.69	≤ 23.97	Pass
11ax-HE80	MCS0	122	5610	20.52	20.46	23.50	≤ 23.97	Pass
11ax-HE80	MCS0	138	5690	20.47	20.99	23.75	≤ 23.97	Pass
11ax-HE80	MCS0	155	5775	23.86	24.27	27.08	≤ 29.99	Pass
11ax-HE160	MCS0	50	5250	18.47	19.06	21.79	≤ 23.97	Pass
11ax-HE160	MCS0	114	5570	20.53	20.36	23.46	≤ 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	22.87	23.11	26.00	≤ 29.99	Pass
11be-EHT20	MCS0	40	5200	22.46	22.80	25.64	≤ 29.99	Pass
11be-EHT20	MCS0	48	5240	22.75	23.37	26.08	≤ 29.99	Pass
11be-EHT20	MCS0	52	5260	20.11	20.76	23.46	≤ 23.97	Pass
11be-EHT20	MCS0	60	5300	20.63	21.12	23.89	≤ 23.97	Pass
11be-EHT20	MCS0	64	5320	20.57	21.20	23.91	≤ 23.97	Pass
11be-EHT20	MCS0	100	5500	20.76	21.02	23.90	≤ 23.97	Pass
11be-EHT20	MCS0	116	5580	20.71	20.81	23.77	≤ 23.97	Pass
11be-EHT20	MCS0	140	5700	20.50	20.89	23.71	≤ 23.97	Pass
11be-EHT20	MCS0	144	5720	19.68	20.02	22.86	≤ 23.03	Pass
11be-EHT20	MCS0	149	5745	24.01	24.55	27.30	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	24.03	24.51	27.29	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	24.02	24.54	27.30	≤ 29.99	Pass
11be-EHT40	MCS0	38	5190	18.75	18.86	21.82	≤ 29.99	Pass
11be-EHT40	MCS0	46	5230	22.06	22.61	25.35	≤ 29.99	Pass
11be-EHT40	MCS0	54	5270	20.47	21.15	23.83	≤ 23.97	Pass
11be-EHT40	MCS0	62	5310	19.92	20.22	23.08	≤ 23.97	Pass
11be-EHT40	MCS0	102	5510	20.59	20.69	23.65	≤ 23.97	Pass
11be-EHT40	MCS0	110	5550	20.86	20.89	23.89	≤ 23.97	Pass
11be-EHT40	MCS0	134	5670	20.44	20.74	23.60	≤ 23.97	Pass
11be-EHT40	MCS0	142	5710	20.62	21.21	23.94	≤ 23.97	Pass
11be-EHT40	MCS0	151	5755	24.02	24.34	27.19	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	24.09	24.31	27.21	≤ 29.99	Pass
11be-EHT80	MCS0	42	5210	17.01	17.54	20.29	≤ 29.99	Pass
11be-EHT80	MCS0	58	5290	18.76	19.23	22.01	≤ 23.97	Pass
11be-EHT80	MCS0	106	5530	20.77	20.62	23.71	≤ 23.97	Pass
11be-EHT80	MCS0	122	5610	20.61	20.44	23.54	≤ 23.97	Pass
11be-EHT80	MCS0	138	5690	20.67	20.95	23.82	≤ 23.97	Pass
11be-EHT80	MCS0	155	5775	23.89	24.36	27.14	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	18.49	19.04	21.78	≤ 23.97	Pass
11be-EHT160	MCS0	114	5570	20.67	20.37	23.53	≤ 23.97	Pass
11be-EHT240	MCS0	130	5650	16.11	16.56	19.35	≤ 23.97	Pass

Note 1:

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

Note 2:

For 5125 - 5250MHz Band: Average Power Limit (dBm) = $30 - (6.01 - 6) = 29.99\text{dBm}$

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

For 5725 - 5850MHz Band: Average Power Limit (dBm) = $30 - (6.01 - 6) = 29.99\text{dBm}$.

For Channel 144 (5720MHz), Average Power Limit (dBm) = $11 + 10 \cdot \log(5\text{MHz} + BW_{26\text{dBc}}/2) - (6.01 - 6)$

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.

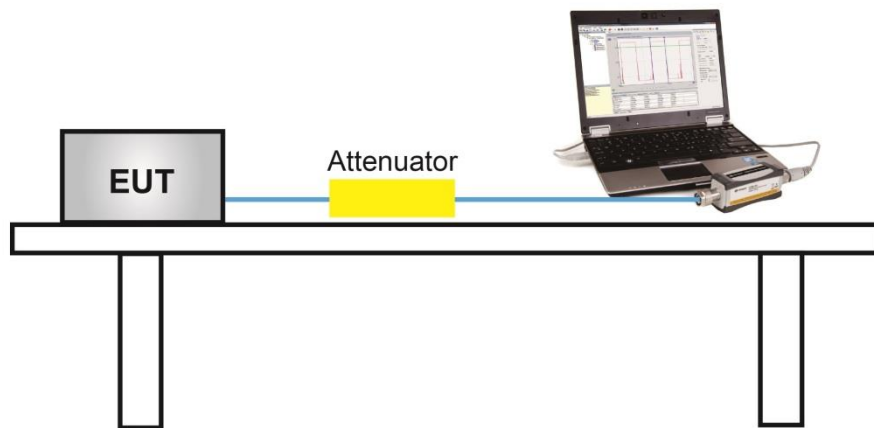
7.5.2. Test Procedure Used

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 the antenna exceeds 6dBi.

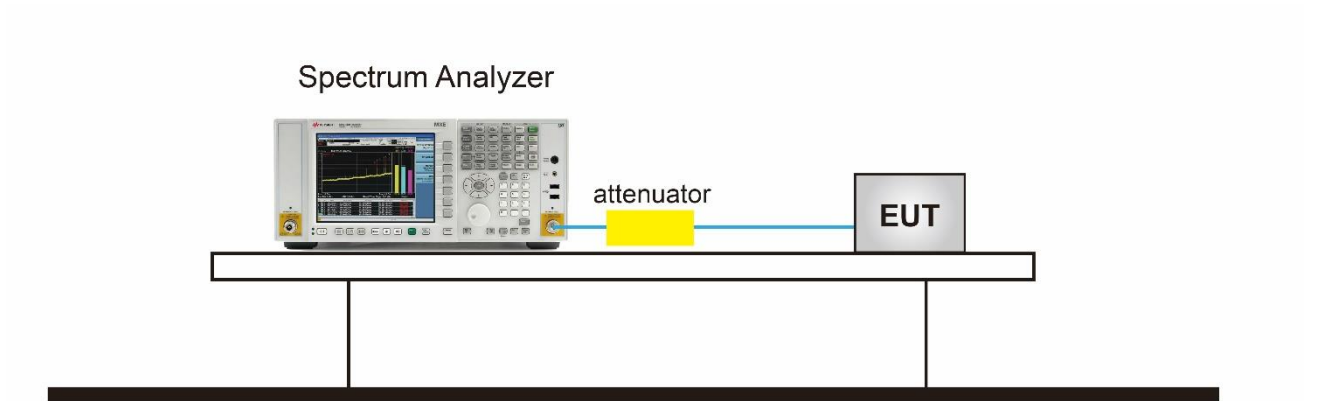
7.6.2. Test Procedure Used

KDB 789033 D02v02r01-Section F

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 $\geq 2 \times (\text{span} / \text{RBW})$
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 $10 \cdot \log(1/x)$, 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 $10 \cdot \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

7.6.4.Test Setup



7.6.5. Test Result

Product	BE5000 Ceiling Mount Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/7/5~2024/7/11
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	10.244	9.984	98.54%	13.190	≤ 16.99	Pass
11a	6Mbps	40	5200	10.775	11.305	98.54%	14.122	≤ 16.99	Pass
11a	6Mbps	48	5240	10.790	11.097	98.54%	14.020	≤ 16.99	Pass
11a	6Mbps	52	5260	7.185	8.217	98.54%	10.806	≤ 10.99	Pass
11a	6Mbps	60	5300	7.671	7.969	98.54%	10.897	≤ 10.99	Pass
11a	6Mbps	64	5320	7.571	8.074	98.54%	10.904	≤ 10.99	Pass
11a	6Mbps	100	5500	7.607	7.468	98.54%	10.612	≤ 10.99	Pass
11a	6Mbps	116	5580	7.348	7.556	98.54%	10.527	≤ 10.99	Pass
11a	6Mbps	140	5700	7.271	7.757	98.54%	10.595	≤ 10.99	Pass
11a	6Mbps	144	5720	6.791	7.243	98.54%	10.097	≤ 10.99	Pass
11ac-VHT20	MCS0	36	5180	9.317	10.043	99.45%	12.729	≤ 16.99	Pass
11ac-VHT20	MCS0	40	5200	10.004	10.379	99.45%	13.230	≤ 16.99	Pass
11ac-VHT20	MCS0	48	5240	10.144	10.697	99.45%	13.464	≤ 16.99	Pass
11ac-VHT20	MCS0	52	5260	7.546	8.028	99.45%	10.828	≤ 10.99	Pass
11ac-VHT20	MCS0	60	5300	7.629	7.976	99.45%	10.840	≤ 10.99	Pass
11ac-VHT20	MCS0	64	5320	7.488	8.138	99.45%	10.859	≤ 10.99	Pass
11ac-VHT20	MCS0	100	5500	7.223	7.385	99.45%	10.339	≤ 10.99	Pass
11ac-VHT20	MCS0	116	5580	6.894	7.146	99.45%	10.056	≤ 10.99	Pass
11ac-VHT20	MCS0	140	5700	6.867	7.269	99.45%	10.107	≤ 10.99	Pass
11ac-VHT20	MCS0	144	5720	6.599	7.194	99.45%	9.941	≤ 10.99	Pass
11ac-VHT40	MCS0	38	5190	2.933	3.092	99.27%	6.055	≤ 16.99	Pass
11ac-VHT40	MCS0	46	5230	5.507	6.540	99.27%	9.096	≤ 16.99	Pass
11ac-VHT40	MCS0	54	5270	4.434	5.003	99.27%	7.770	≤ 10.99	Pass
11ac-VHT40	MCS0	62	5310	4.513	4.671	99.27%	7.635	≤ 10.99	Pass
11ac-VHT40	MCS0	102	5510	4.124	4.191	99.27%	7.200	≤ 10.99	Pass
11ac-VHT40	MCS0	110	5550	3.540	3.862	99.27%	6.746	≤ 10.99	Pass
11ac-VHT40	MCS0	134	5670	4.228	4.168	99.27%	7.240	≤ 10.99	Pass
11ac-VHT40	MCS0	142	5710	4.307	4.677	99.27%	7.538	≤ 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	-1.119	-0.091	99.08%	2.476	≤ 16.99	Pass
11ac-VHT80	MCS0	58	5290	0.055	1.385	99.08%	3.821	≤ 10.99	Pass
11ac-VHT80	MCS0	106	5530	1.384	1.166	99.08%	4.327	≤ 10.99	Pass
11ac-VHT80	MCS0	122	5610	1.479	0.794	99.08%	4.200	≤ 10.99	Pass
11ac-VHT80	MCS0	138	5690	1.349	1.492	99.08%	4.472	≤ 10.99	Pass
11ac-VHT160	MCS0	50	5250	-3.474	-2.458	98.73%	0.129	≤ 10.99	Pass
11ac-VHT160	MCS0	114	5570	-1.701	-1.936	98.73%	1.249	≤ 10.99	Pass
11ax-HE20	MCS0	36	5180	9.166	9.749	99.27%	12.509	≤ 16.99	Pass
11ax-HE20	MCS0	40	5200	9.804	10.092	99.27%	12.993	≤ 16.99	Pass
11ax-HE20	MCS0	48	5240	9.639	10.118	99.27%	12.927	≤ 16.99	Pass
11ax-HE20	MCS0	52	5260	7.159	8.069	99.27%	10.680	≤ 10.99	Pass
11ax-HE20	MCS0	60	5300	7.455	8.219	99.27%	10.896	≤ 10.99	Pass
11ax-HE20	MCS0	64	5320	7.402	8.266	99.27%	10.898	≤ 10.99	Pass
11ax-HE20	MCS0	100	5500	7.329	7.860	99.27%	10.645	≤ 10.99	Pass
11ax-HE20	MCS0	116	5580	6.941	7.535	99.27%	10.290	≤ 10.99	Pass
11ax-HE20	MCS0	140	5700	6.821	7.928	99.27%	10.452	≤ 10.99	Pass
11ax-HE20	MCS0	144	5720	6.385	6.546	99.27%	9.508	≤ 10.99	Pass
11ax-HE40	MCS0	38	5190	2.724	3.204	98.72%	6.037	≤ 16.99	Pass
11ax-HE40	MCS0	46	5230	5.515	5.817	98.72%	8.735	≤ 16.99	Pass
11ax-HE40	MCS0	54	5270	4.209	3.872	98.72%	7.110	≤ 10.99	Pass
11ax-HE40	MCS0	62	5310	3.984	3.835	98.72%	6.976	≤ 10.99	Pass
11ax-HE40	MCS0	102	5510	4.071	4.007	98.72%	7.105	≤ 10.99	Pass
11ax-HE40	MCS0	110	5550	3.732	3.942	98.72%	6.905	≤ 10.99	Pass
11ax-HE40	MCS0	134	5670	3.827	4.087	98.72%	7.025	≤ 10.99	Pass
11ax-HE40	MCS0	142	5710	3.485	4.133	98.72%	6.887	≤ 10.99	Pass
11ax-HE80	MCS0	42	5210	-0.853	-0.256	98.72%	2.522	≤ 16.99	Pass
11ax-HE80	MCS0	58	5290	-0.076	0.544	98.72%	3.311	≤ 10.99	Pass
11ax-HE80	MCS0	106	5530	1.493	1.305	98.72%	4.466	≤ 10.99	Pass
11ax-HE80	MCS0	122	5610	1.365	1.218	98.72%	4.358	≤ 10.99	Pass
11ax-HE80	MCS0	122	5690	1.300	1.428	98.72%	4.431	≤ 10.99	Pass
11ax-HE160	MCS0	50	5250	-3.427	-2.434	98.54%	0.172	≤ 10.99	Pass
11ax-HE160	MCS0	114	5570	-1.685	-1.701	98.54%	1.381	≤ 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	9.528	9.960	99.27%	12.791	≤ 16.99	Pass
11be-EHT20	MCS0	40	5200	9.817	9.964	99.27%	12.933	≤ 16.99	Pass
11be-EHT20	MCS0	48	5240	9.308	10.185	99.27%	12.811	≤ 16.99	Pass
11be-EHT20	MCS0	52	5260	6.516	6.788	99.27%	9.696	≤ 10.99	Pass
11be-EHT20	MCS0	60	5300	7.315	7.798	99.27%	10.605	≤ 10.99	Pass
11be-EHT20	MCS0	64	5320	7.301	7.857	99.27%	10.630	≤ 10.99	Pass
11be-EHT20	MCS0	100	5500	7.276	7.246	99.27%	10.303	≤ 10.99	Pass
11be-EHT20	MCS0	116	5580	6.704	6.786	99.27%	9.787	≤ 10.99	Pass
11be-EHT20	MCS0	140	5700	6.912	7.369	99.27%	10.189	≤ 10.99	Pass
11be-EHT20	MCS0	144	5720	6.298	7.102	99.27%	9.761	≤ 10.99	Pass
11be-EHT40	MCS0	38	5190	2.662	2.970	98.72%	5.885	≤ 16.99	Pass
11be-EHT40	MCS0	46	5230	5.101	6.106	98.72%	8.699	≤ 16.99	Pass
11be-EHT40	MCS0	54	5270	4.070	5.047	98.72%	7.652	≤ 10.99	Pass
11be-EHT40	MCS0	62	5310	4.242	4.831	98.72%	7.613	≤ 10.99	Pass
11be-EHT40	MCS0	102	5510	4.132	4.015	98.72%	7.140	≤ 10.99	Pass
11be-EHT40	MCS0	110	5550	4.355	3.821	98.72%	7.162	≤ 10.99	Pass
11be-EHT40	MCS0	134	5670	4.321	4.043	98.72%	7.250	≤ 10.99	Pass
11be-EHT40	MCS0	142	5710	4.202	5.059	98.72%	7.718	≤ 10.99	Pass
11be-EHT80	MCS0	42	5210	-1.951	-1.446	98.37%	1.391	≤ 16.99	Pass
11be-EHT80	MCS0	58	5290	0.030	0.828	98.37%	3.529	≤ 10.99	Pass
11be-EHT80	MCS0	106	5530	1.260	1.359	98.37%	4.391	≤ 10.99	Pass
11be-EHT80	MCS0	122	5610	0.959	1.303	98.37%	4.216	≤ 10.99	Pass
11be-EHT80	MCS0	138	5690	0.950	1.409	98.37%	4.267	≤ 10.99	Pass
11be-EHT160	MCS0	50	5250	-3.334	-2.243	99.26%	0.288	≤ 10.99	Pass
11be-EHT160	MCS0	114	5570	-2.057	-1.257	99.26%	1.404	≤ 10.99	Pass
11be-EHT240	MCS0	130	5650	-7.942	-6.764	99.09%	-4.263	≤ 10.99	Pass

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

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

Note 2:

For 5150 - 5250MHzBand: 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	BE5000 Ceiling Mount Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/7/5~2024/7/11
Test Item	Power Spectral Density (U-NII-3) CDD Mode		

Test Mode	Data Rate/MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/510KHz)	Ant 1 PSD (dBm/510KHz)	Duty Cycle (%)	Total PSD(dBm/510kHz)	Limit (dBm/500k Hz)	Result
11a	6Mbps	149	5745	8.130	8.358	98.54%	11.320	≤ 29.99	Pass
11a	6Mbps	157	5785	7.996	8.349	98.54%	11.250	≤ 29.99	Pass
11a	6Mbps	165	5825	8.399	8.762	98.54%	11.658	≤ 29.99	Pass
11ac-VHT20	MCS0	149	5745	7.339	8.177	99.45%	10.812	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	7.612	8.304	99.45%	11.006	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	7.680	8.519	99.45%	11.154	≤ 29.99	Pass
11ac-VHT40	MCS0	151	5755	4.683	5.418	99.27%	8.108	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	5.009	5.380	99.27%	8.241	≤ 29.99	Pass
11ac-VHT80	MCS0	155	5775	1.333	2.087	99.08%	4.777	≤ 29.99	Pass
11ax-HE20	MCS0	149	5745	7.160	8.210	99.27%	10.759	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	7.650	8.785	99.27%	11.297	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	7.717	8.481	99.27%	11.158	≤ 29.99	Pass
11ax-HE40	MCS0	151	5755	4.857	5.163	98.72%	8.079	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	5.029	5.512	98.72%	8.343	≤ 29.99	Pass
11ax-HE80	MCS0	155	5775	1.702	1.960	98.72%	4.899	≤ 29.99	Pass
11be-EHT20	MCS0	149	5745	7.497	8.333	99.27%	10.977	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	7.502	8.449	99.27%	11.043	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	7.605	8.642	99.27%	11.196	≤ 29.99	Pass
11be-EHT40	MCS0	151	5755	4.405	5.867	98.72%	8.263	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	4.686	5.742	98.72%	8.312	≤ 29.99	Pass
11be-EHT80	MCS0	155	5775	1.334	2.440	98.37%	5.004	≤ 29.99	Pass

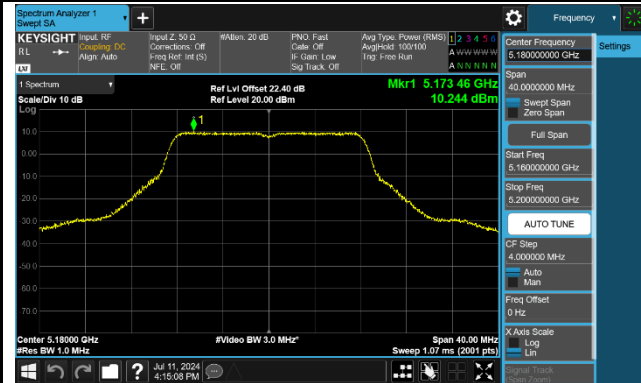
Note 1: When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/510kHz).

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

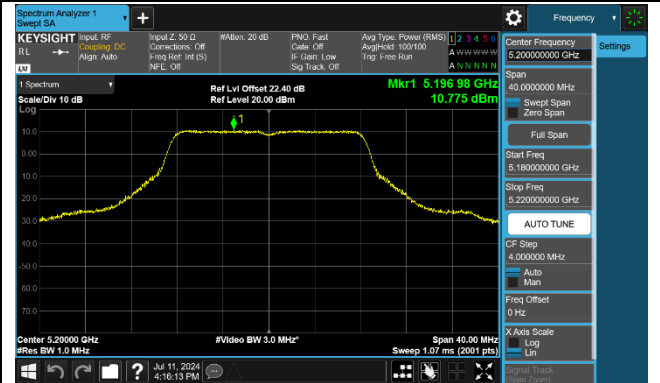
Note 2: PSD Limit (dBm/500kHz) = 30 - (6.01 - 6) = 29.99 (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

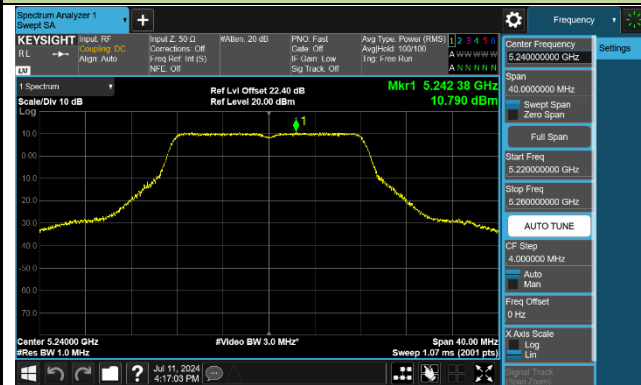
Channel 36 (5180MHz)



Channel 40 (5200MHz)



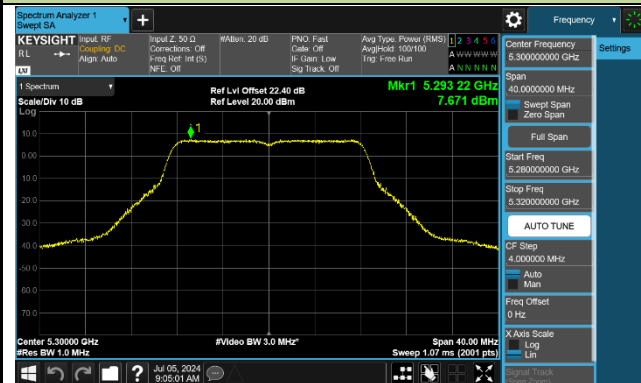
Channel 48 (5240MHz)



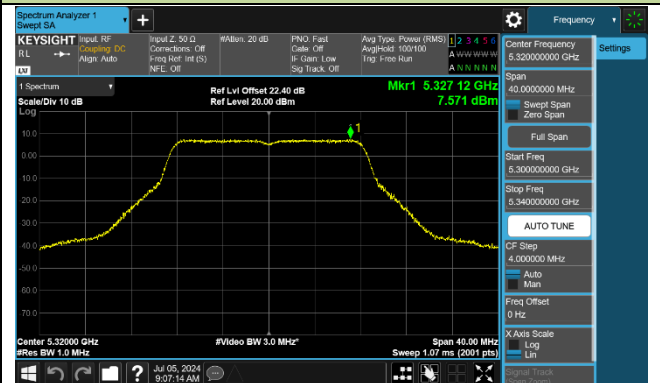
Channel 52 (5260MHz)



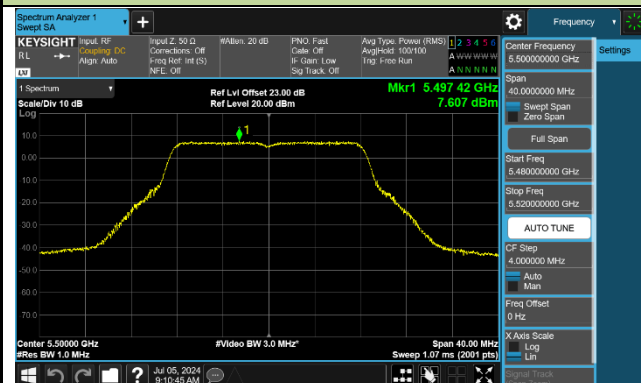
Channel 60 (5300MHz)



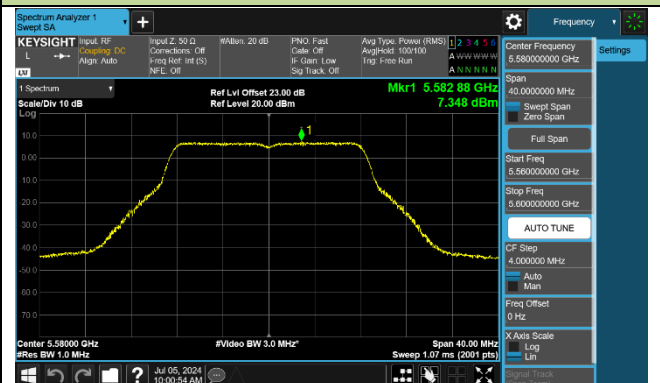
Channel 64 (5320MHz)

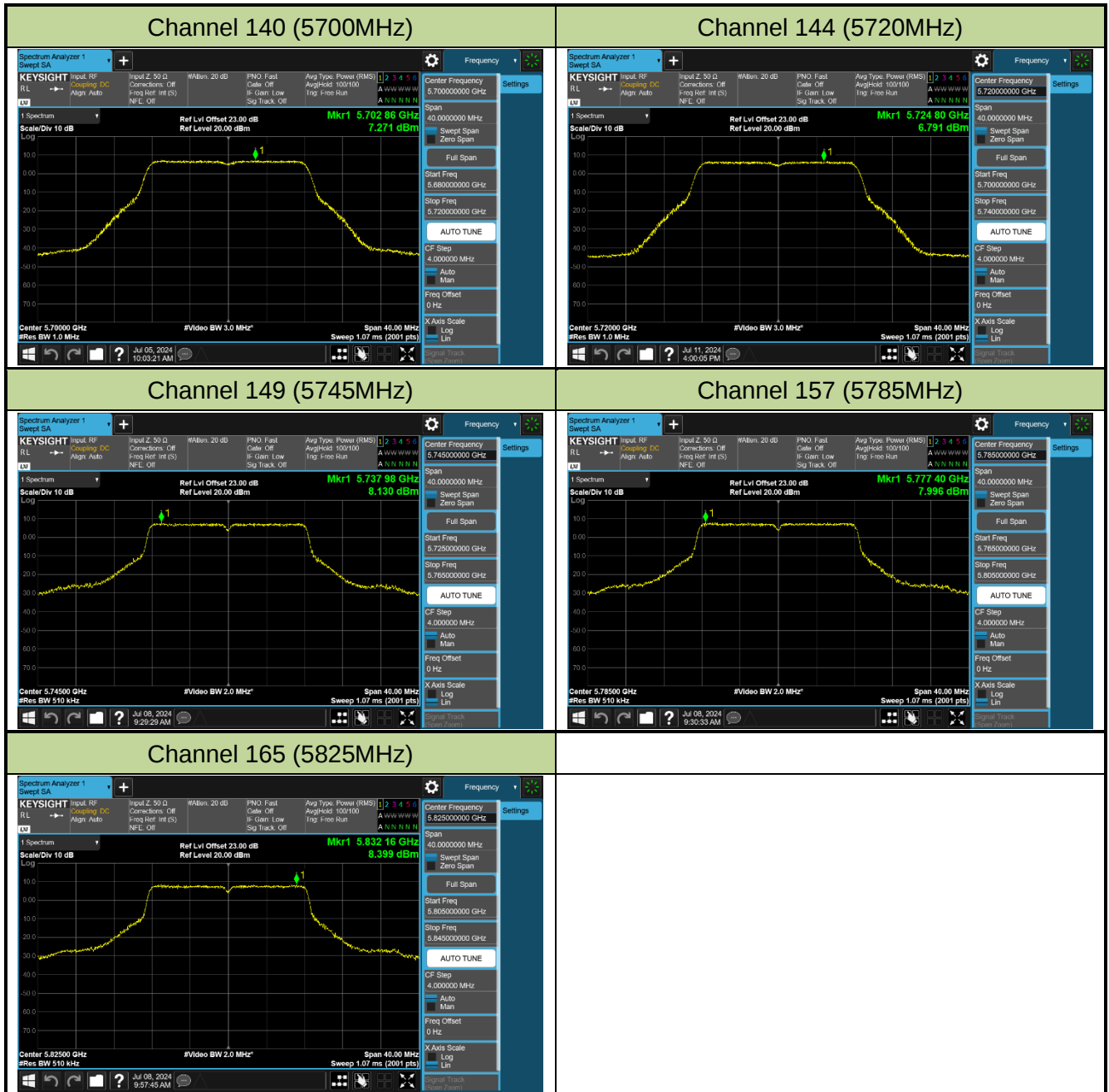


Channel 100 (5500MHz)



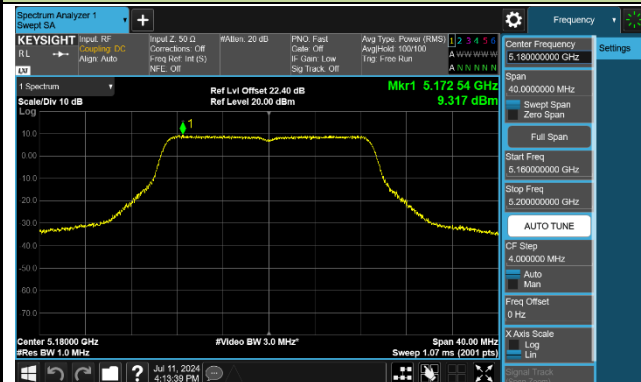
Channel 116 (5580MHz)





802.11ac-VHT20 Power Spectral Density - Ant 0

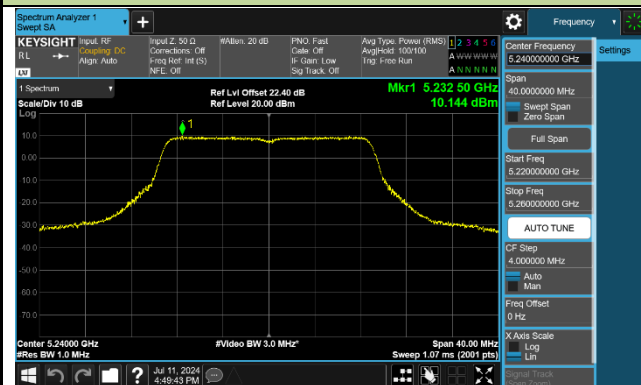
Channel 36 (5180MHz)



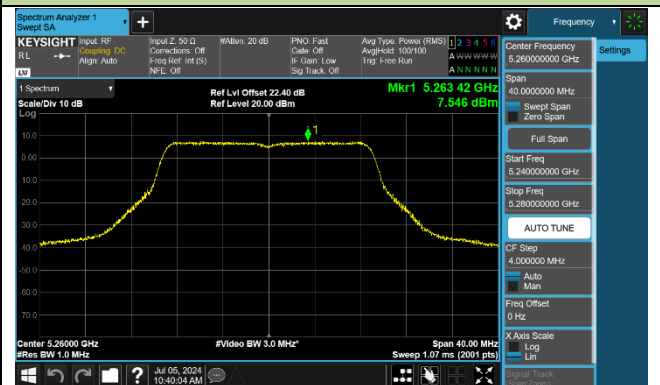
Channel 40 (5200MHz)



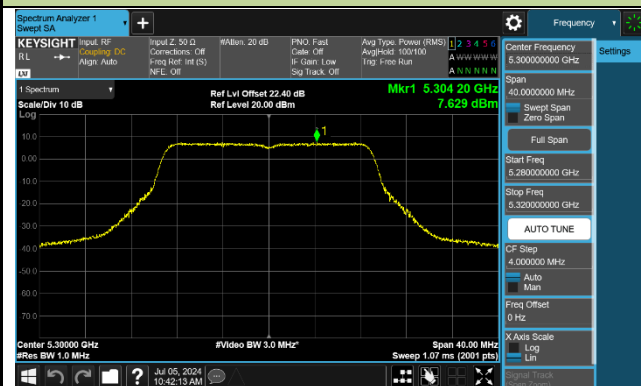
Channel 48 (5240MHz)



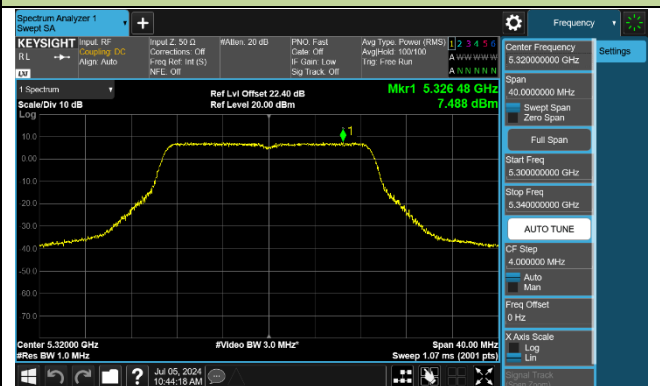
Channel 52 (5260MHz)



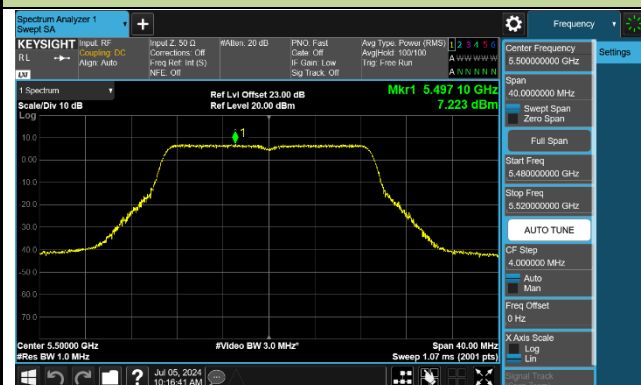
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

