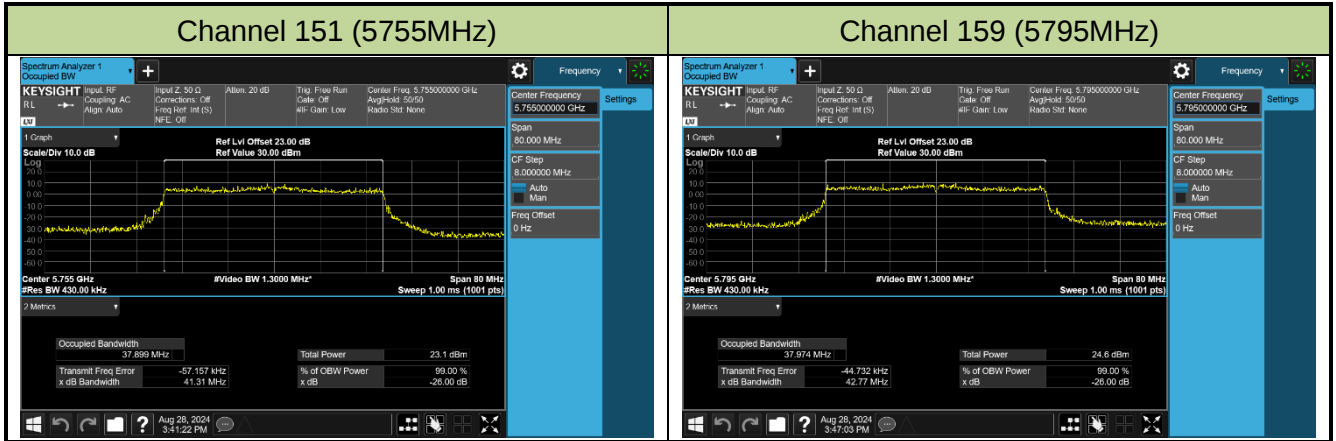


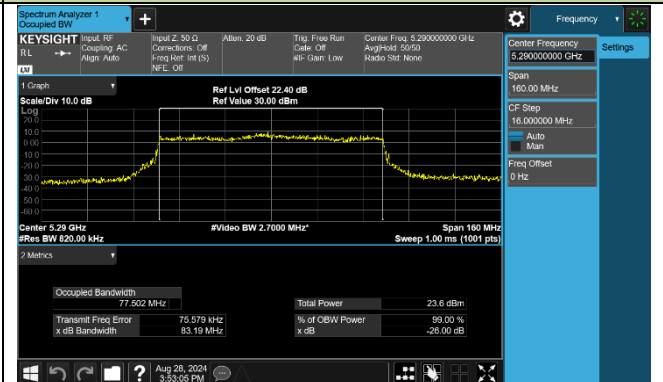


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

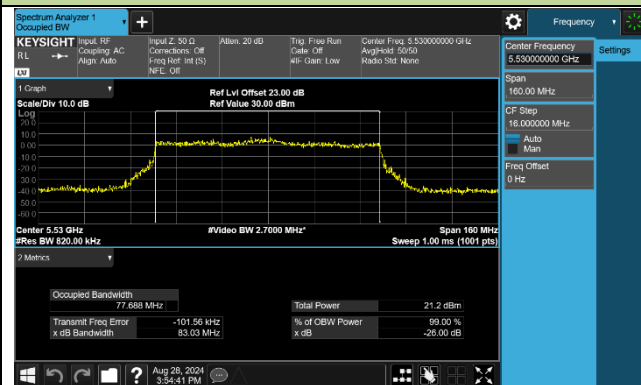
Channel 42 (5210MHz)



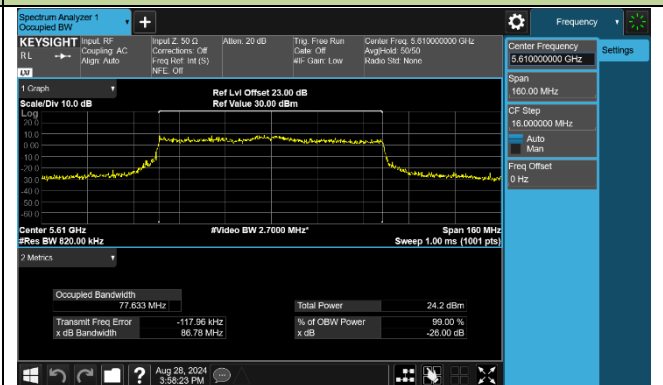
Channel 58 (5290MHz)



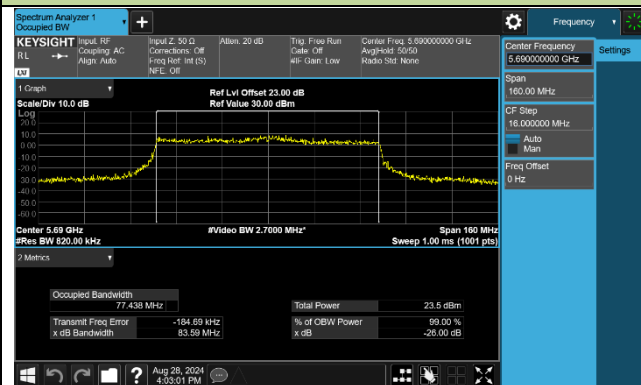
Channel 106 (5530MHz)



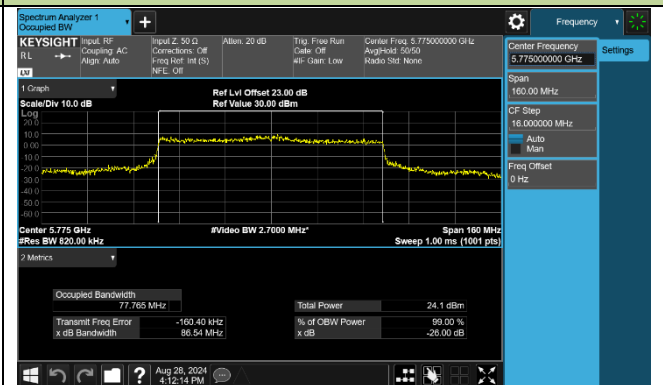
Channel 122 (5610MHz)



Channel 138 (5690MHz)

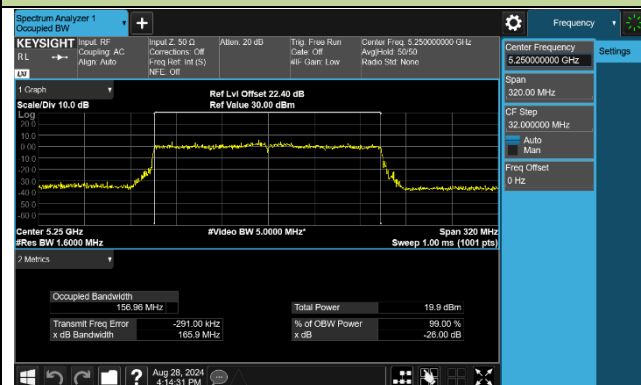


Channel 155 (5775MHz)

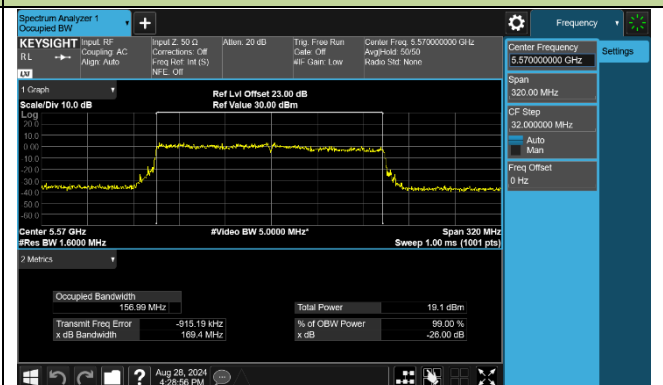


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

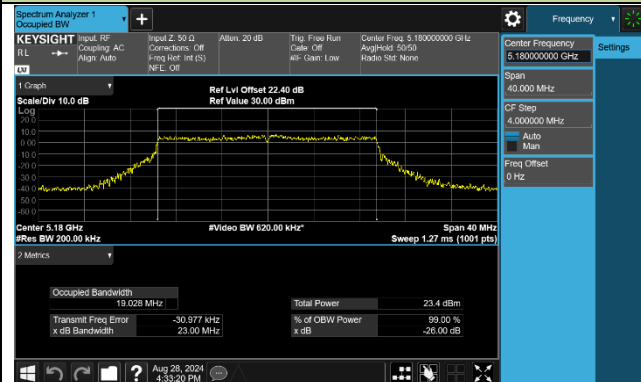


Channel 114 (5570MHz)

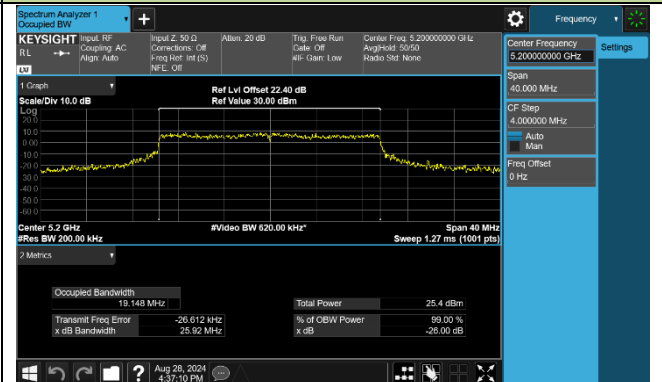


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

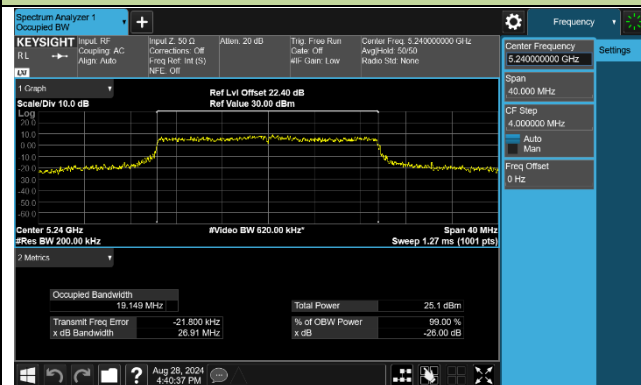
Channel 36 (5180MHz)



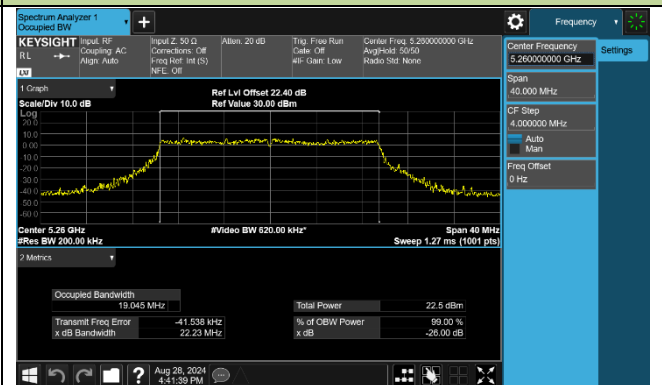
Channel 40 (5200MHz)



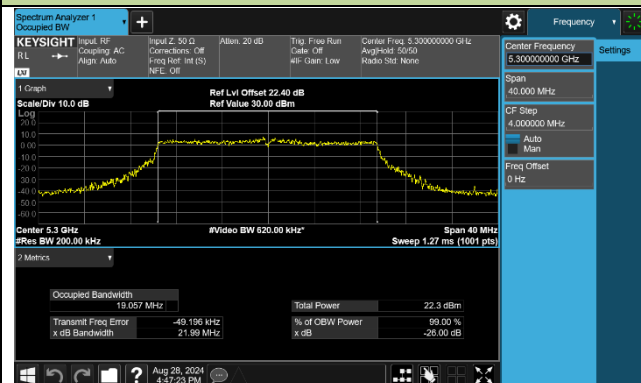
Channel 48 (5240MHz)



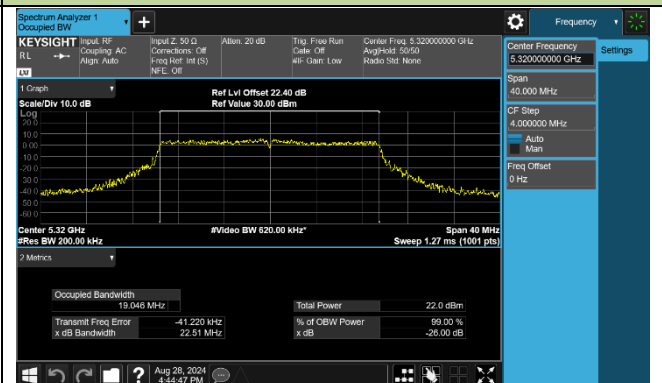
Channel 52 (5260MHz)



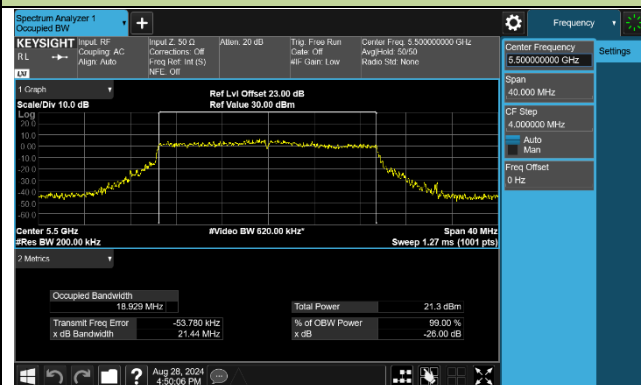
Channel 60 (5300MHz)



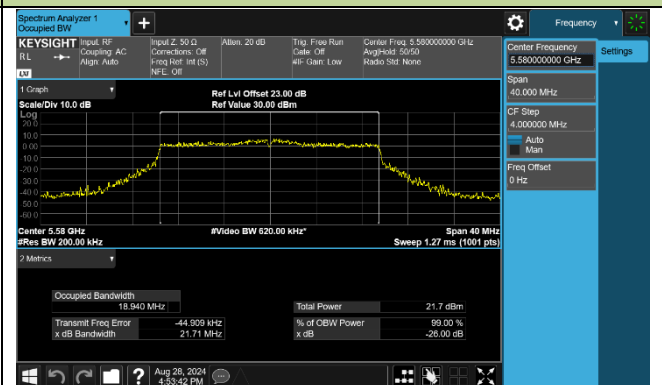
Channel 64 (5320MHz)

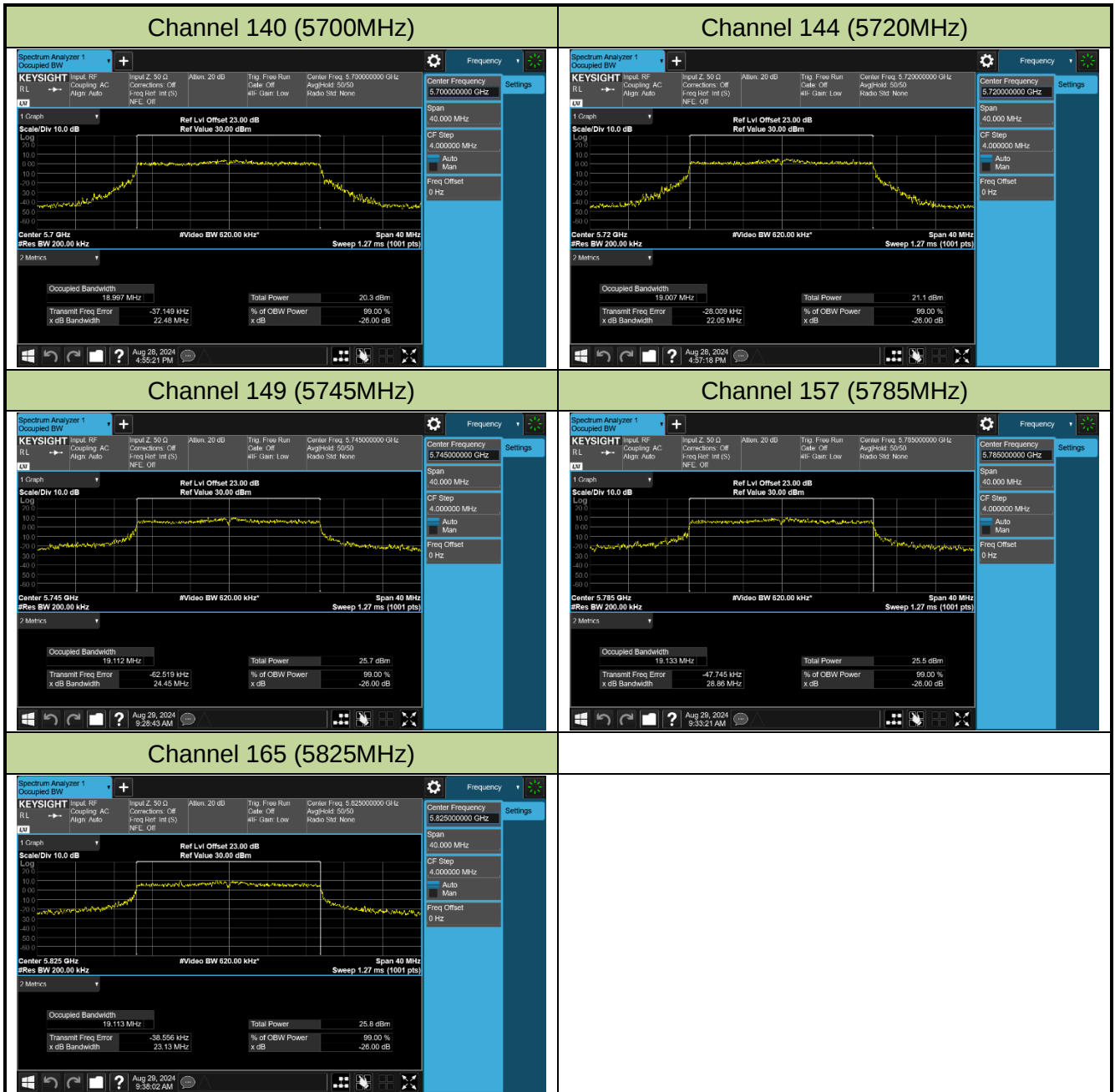


Channel 100 (5500MHz)



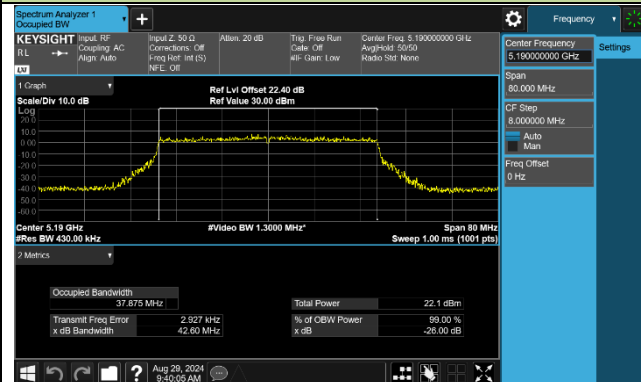
Channel 116 (5580MHz)



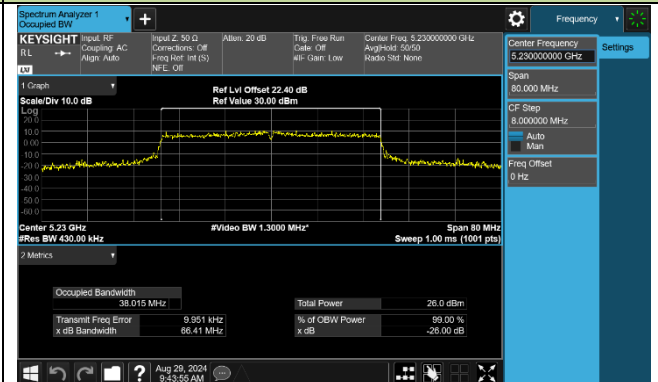


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

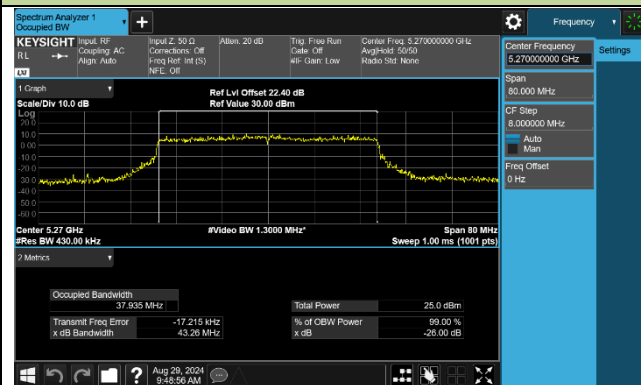
Channel 38 (5190MHz)



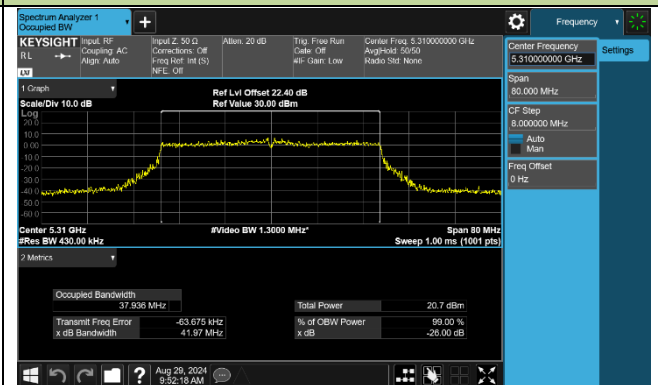
Channel 46 (5230MHz)



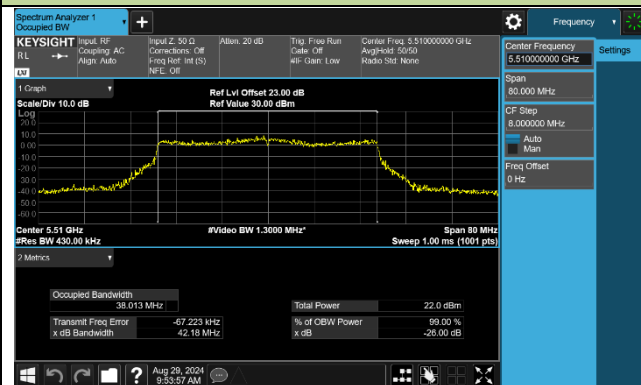
Channel 54 (5270MHz)



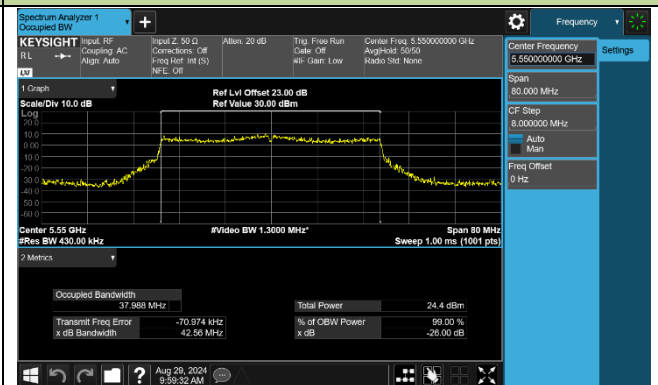
Channel 62 (5310MHz)



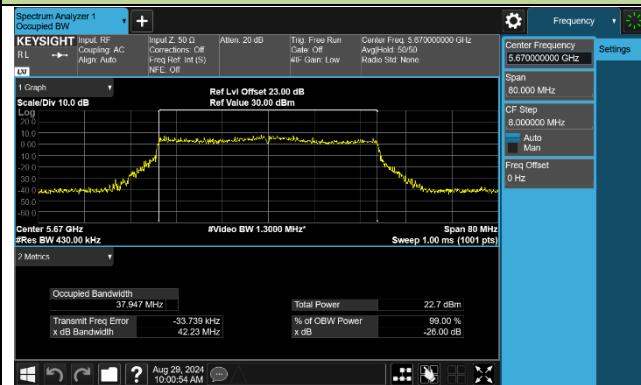
Channel 102 (5510MHz)



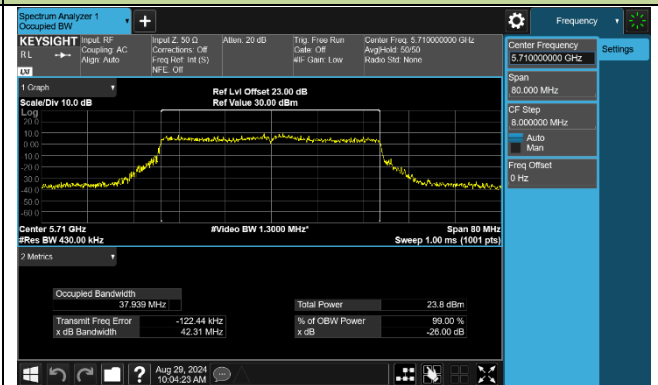
Channel 110 (5550MHz)

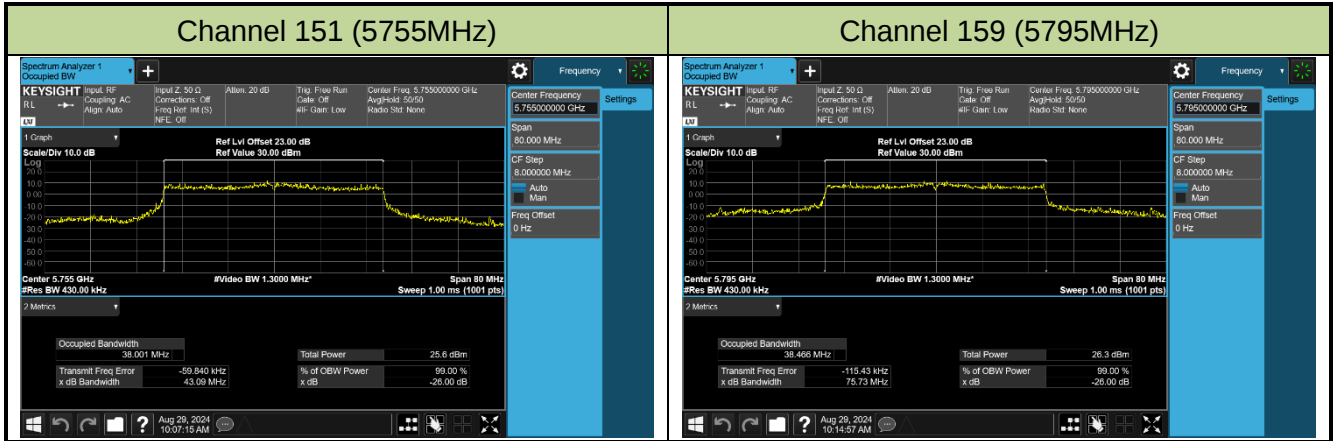


Channel 134 (5670MHz)



Channel 142 (5710MHz)



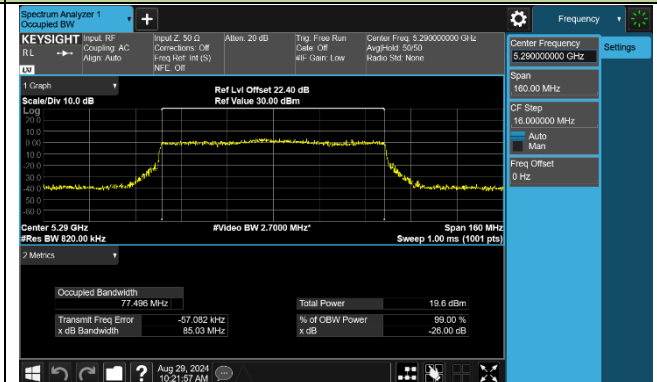


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

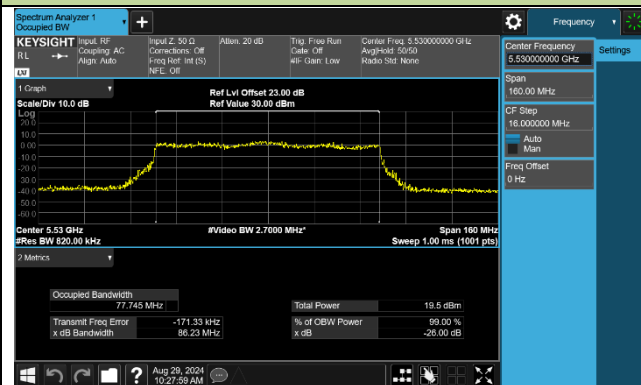
Channel 42 (5210MHz)



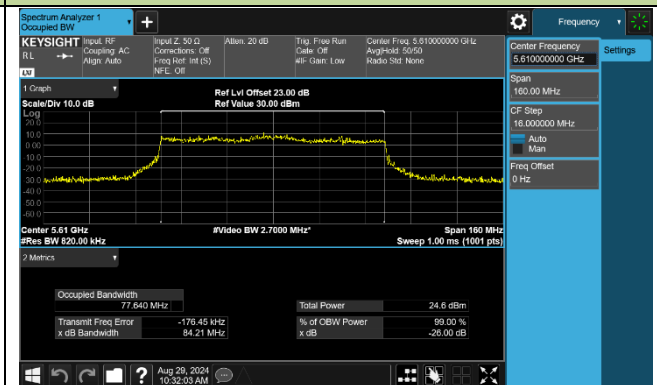
Channel 58 (5290MHz)



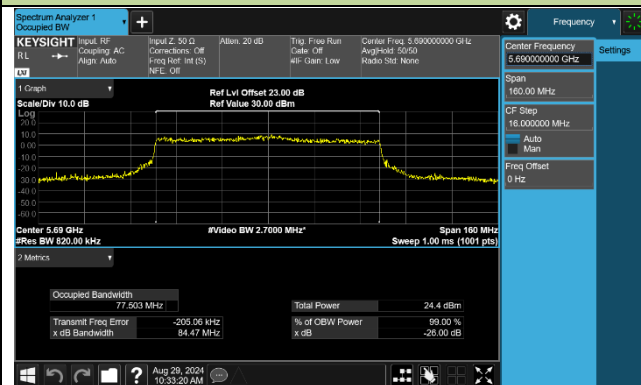
Channel 106 (5530MHz)



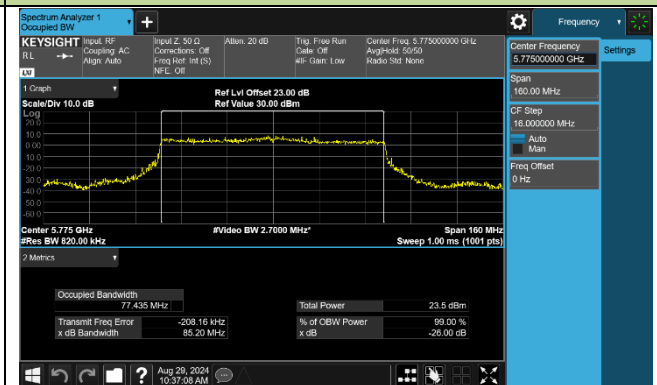
Channel 122 (5610MHz)



Channel 138 (5690MHz)

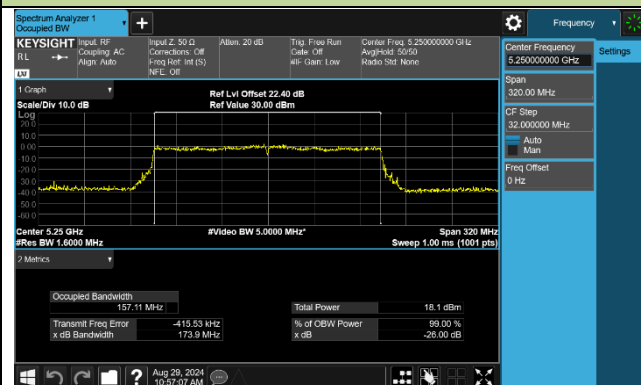


Channel 155 (5775MHz)

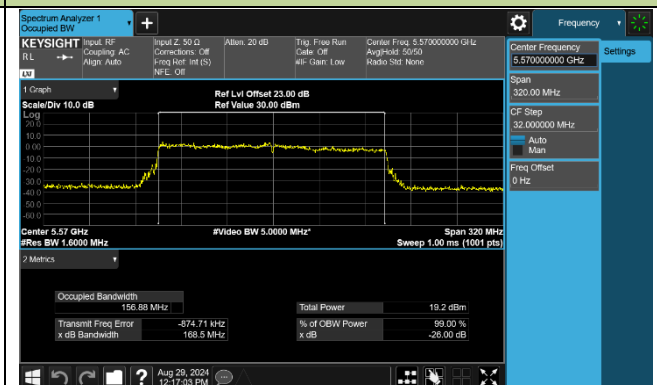


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

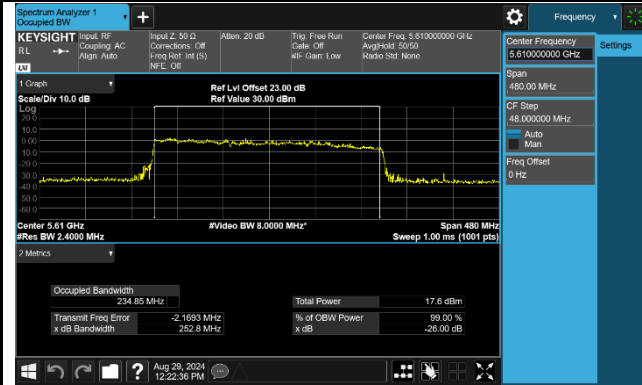


Channel 114 (5570MHz)



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.

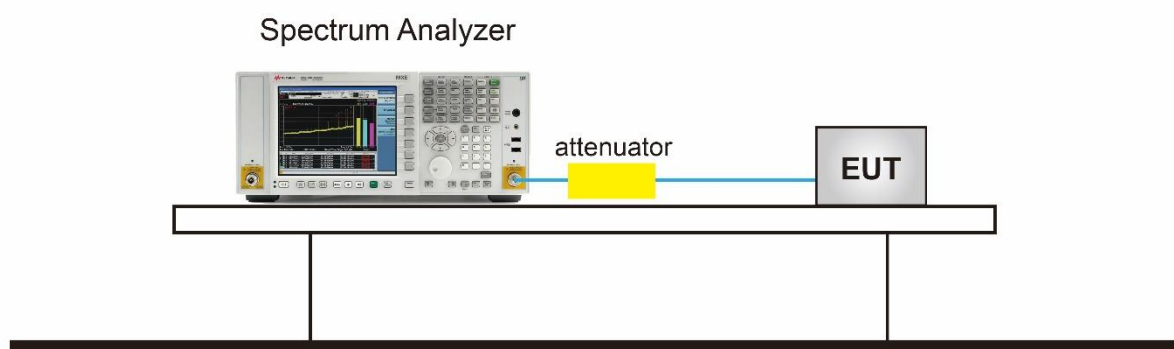
7.3.2. Test Procedure used

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



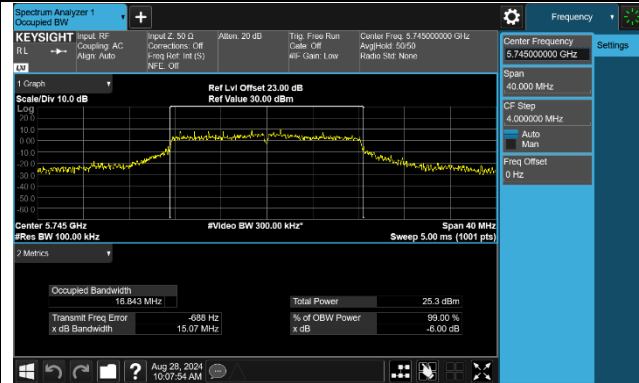
7.3.5.TestResult

Product	BE5000 Wall Plate Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/8/28~2024/8/29

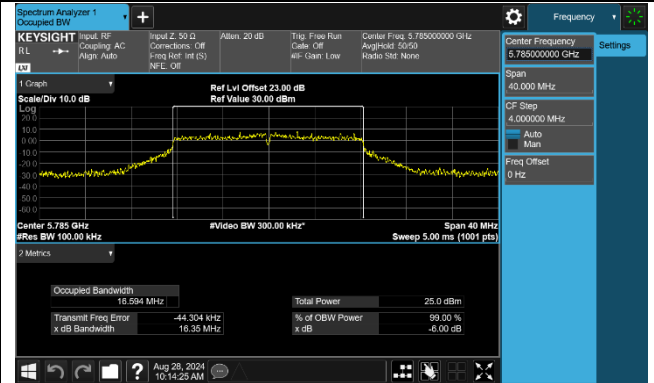
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0						
802.11a	6Mbps	149	5745	15.070	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.350	≥ 0.5	Pass
802.11a	6Mbps	165	5825	15.520	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.610	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.650	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.570	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	35.760	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	36.450	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.420	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	18.840	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	19.050	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	19.070	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	37.950	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	38.000	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	78.090	≥ 0.5	Pass
802.11be-EHT20	MCS0	149	5745	18.940	≥ 0.5	Pass
802.11be-EHT20	MCS0	157	5785	18.860	≥ 0.5	Pass
802.11be-EHT20	MCS0	165	5825	18.970	≥ 0.5	Pass
802.11be-EHT40	MCS0	151	5755	37.890	≥ 0.5	Pass
802.11be-EHT40	MCS0	159	5795	37.710	≥ 0.5	Pass
802.11be-EHT80	MCS0	155	5775	76.630	≥ 0.5	Pass

802.11a 6dB Bandwidth

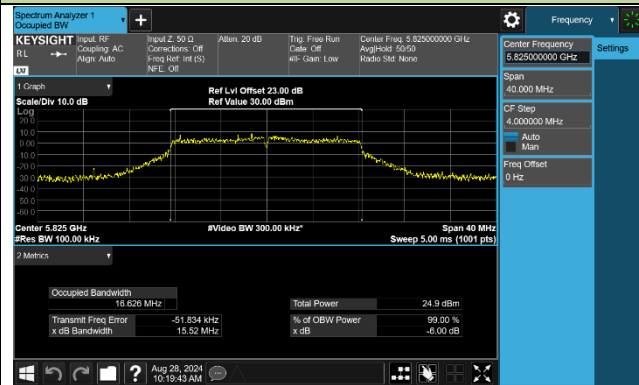
Channel 149 (5745MHz)



Channel 157 (5785MHz)

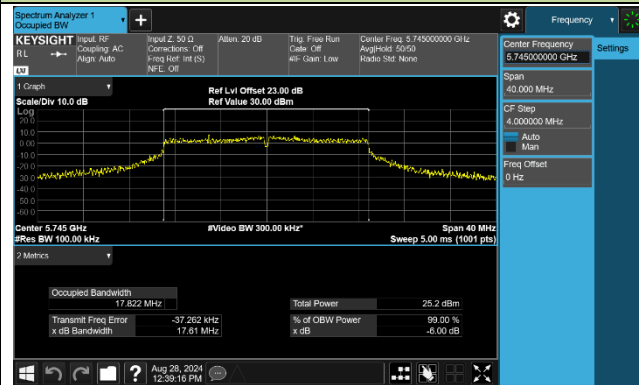


Channel 165 (5825MHz)

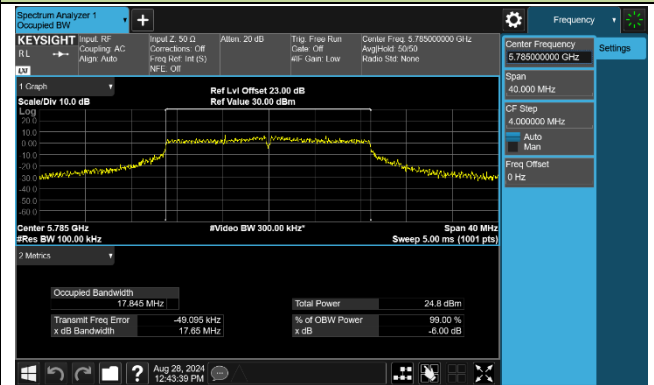


802.11ac-VHT20 6dB Bandwidth

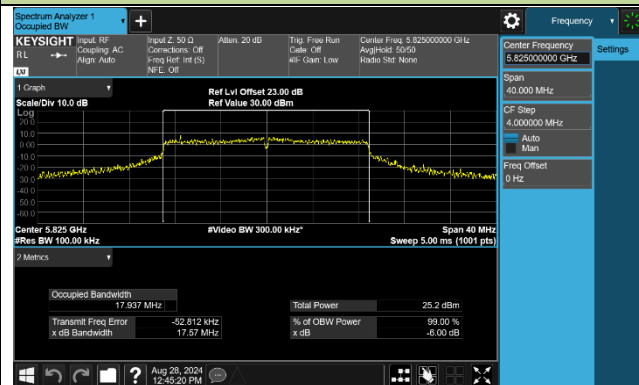
Channel 149 (5745MHz)



Channel 157 (5785MHz)

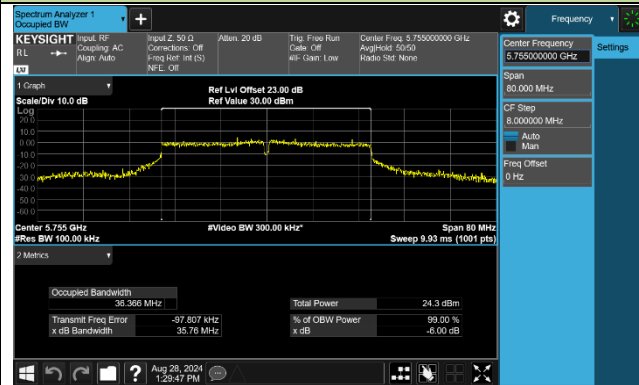


Channel 165 (5825MHz)

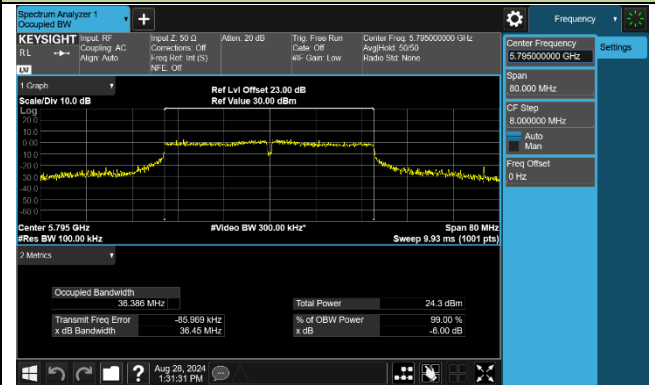


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

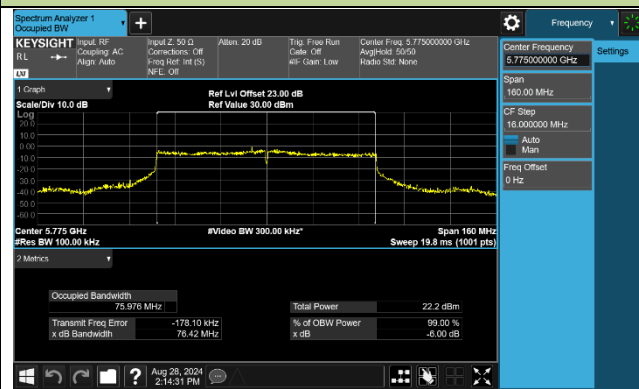


Channel 159 (5795MHz)



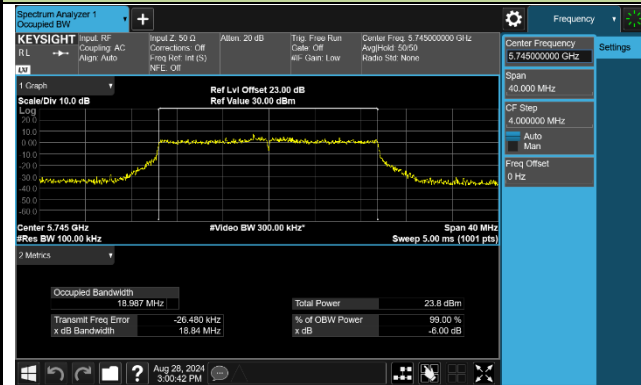
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

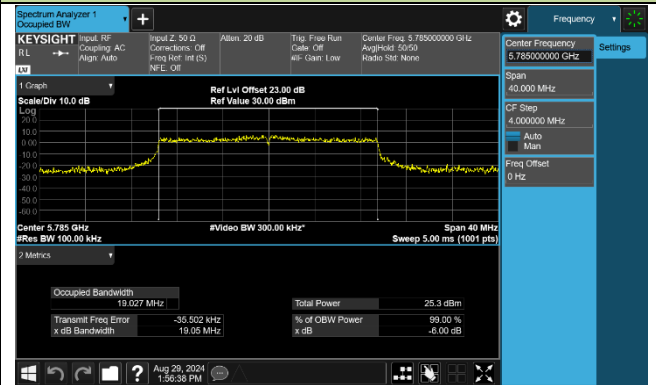


802.11ax-HE20 6dB Bandwidth

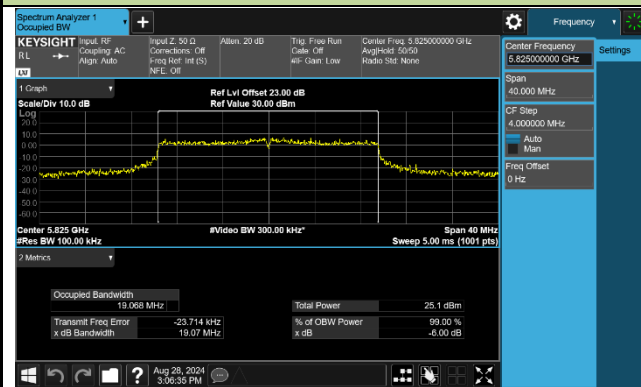
Channel 149 (5745MHz)



Channel 157 (5785MHz)

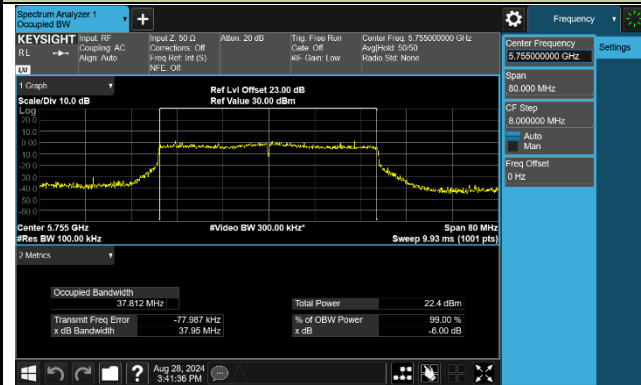


Channel 165 (5825MHz)

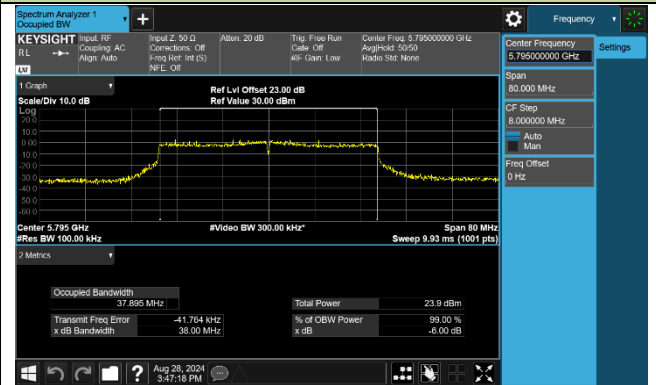


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

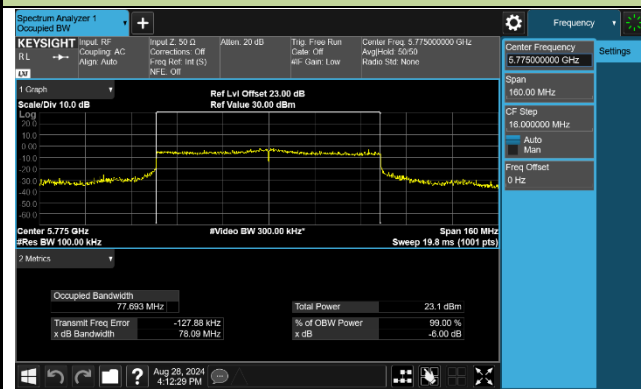


Channel 159 (5795MHz)



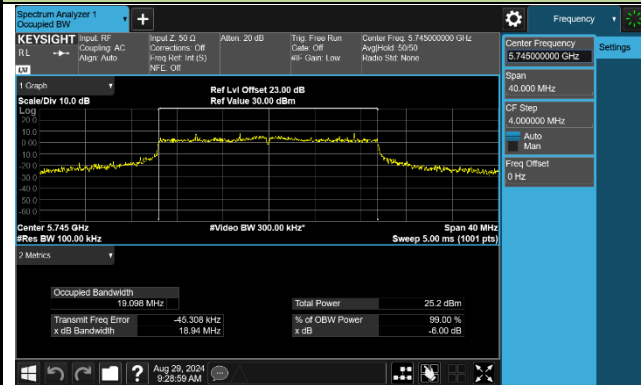
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)

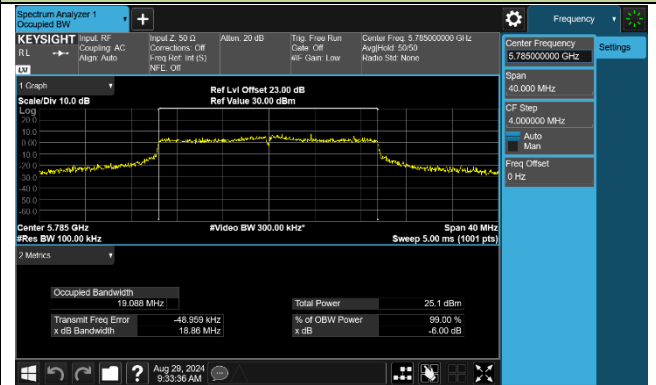


802.11be-EHT20 6dB Bandwidth

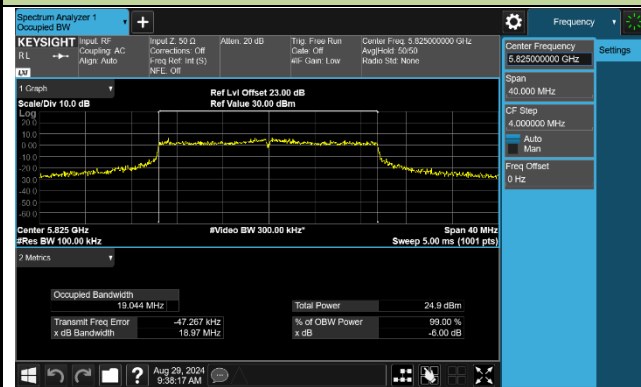
Channel 149 (5745MHz)



Channel 157 (5785MHz)

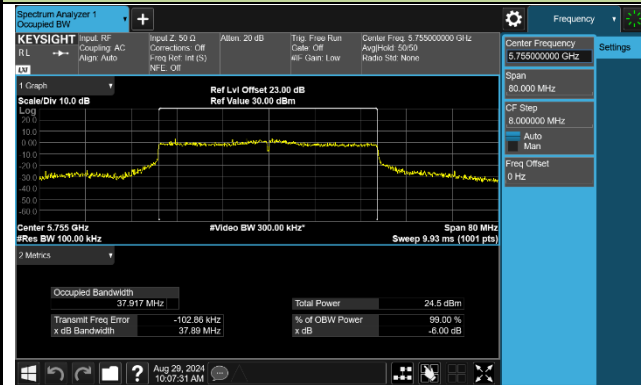


Channel 165 (5825MHz)

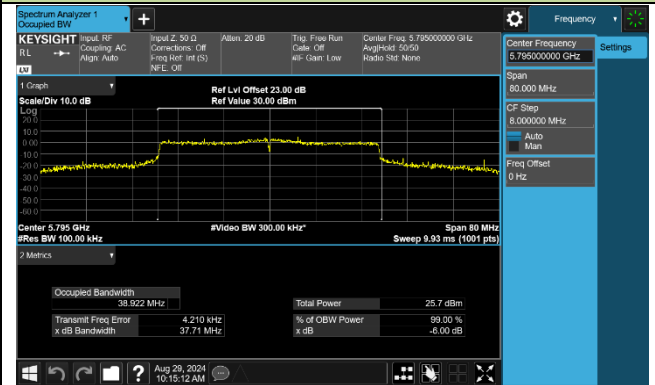


802.11be-EHT 40 6dB Bandwidth

Channel 151 (5755MHz)

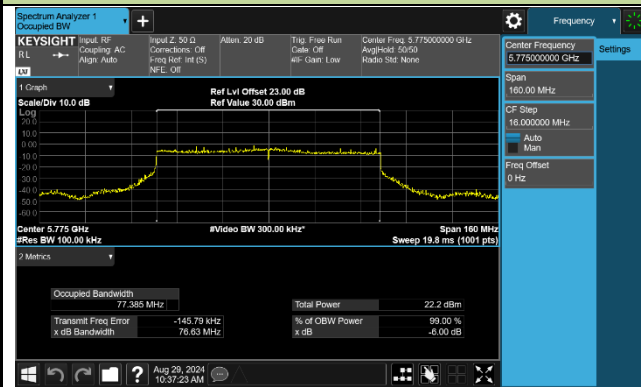


Channel 159 (5795MHz)



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.

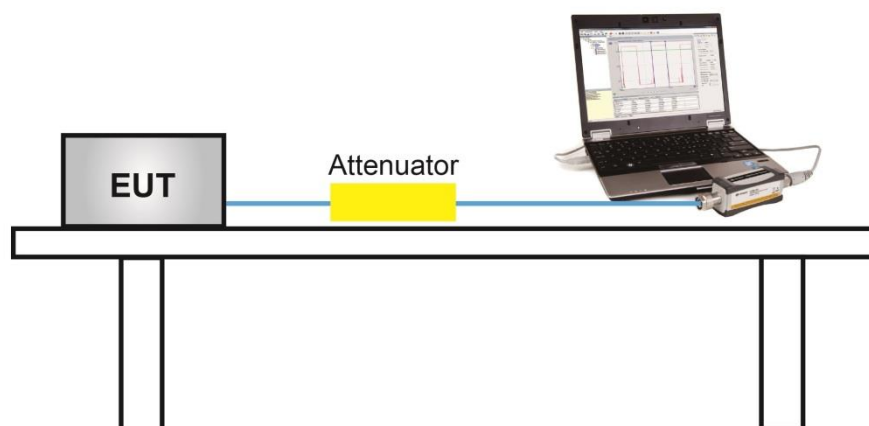
7.4.2. Test Procedure Used

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 Wall Plate Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/8/14~2024/10/17
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	18.85	18.55	21.71	≤ 30.00	Pass
11a	6Mbps	40	5200	20.86	20.50	23.69	≤ 30.00	Pass
11a	6Mbps	48	5240	20.76	20.58	23.68	≤ 30.00	Pass
11a	6Mbps	52	5260	17.02	16.58	19.82	≤ 23.98	Pass
11a	6Mbps	60	5300	17.00	16.58	19.81	≤ 23.98	Pass
11a	6Mbps	64	5320	16.75	16.34	19.56	≤ 23.98	Pass
11a	6Mbps	100	5500	16.88	16.46	19.69	≤ 23.98	Pass
11a	6Mbps	116	5580	16.39	15.91	19.17	≤ 23.98	Pass
11a	6Mbps	140	5700	15.93	16.30	19.13	≤ 23.98	Pass
11a	6Mbps	144	5720	16.23	16.49	19.37	≤ 23.05	Pass
11a	6Mbps	149	5745	21.43	21.71	24.58	≤ 30.00	Pass
11a	6Mbps	157	5785	21.17	21.73	24.47	≤ 30.00	Pass
11a	6Mbps	165	5825	21.00	21.47	24.25	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	19.05	18.77	21.92	≤ 30.00	Pass
11ac-VHT20	MCS0	40	5200	21.23	21.11	24.18	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	21.80	21.45	24.64	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	17.57	17.43	20.51	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	17.98	17.85	20.93	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	17.93	17.60	20.78	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	17.76	17.37	20.58	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	17.13	16.48	19.83	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	16.58	17.05	19.83	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	16.73	17.31	20.04	≤ 23.02	Pass
11ac-VHT20	MCS0	149	5745	21.34	22.02	24.70	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	21.36	21.82	24.61	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	21.00	21.59	24.32	≤ 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	18.56	17.81	21.21	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	21.94	21.35	24.67	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	20.71	20.28	23.51	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	15.74	15.45	18.61	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	16.76	16.43	19.61	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	20.42	20.06	23.25	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	19.28	19.82	22.57	≤23.98	Pass
11ac-VHT40	MCS0	142	5710	19.60	19.93	22.78	≤23.98	Pass
11ac-VHT40	MCS0	151	5755	21.15	22.01	24.61	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	21.17	21.84	24.53	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	19.70	19.34	22.53	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	19.92	19.48	22.72	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	18.14	17.77	20.97	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	20.78	20.37	23.59	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.73	20.84	23.80	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	20.03	20.56	23.31	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	13.36	13.01	16.20	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	14.18	13.83	17.02	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	20.53	20.42	23.49	≤ 30.00	Pass
11ax-HE20	MCS0	40	5200	20.94	20.62	23.79	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	21.66	21.05	24.38	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	18.39	18.00	21.21	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	18.22	17.91	21.08	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	18.11	17.81	20.97	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	18.62	18.05	21.35	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	18.11	17.41	20.78	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	16.73	17.31	20.04	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	17.58	18.15	20.88	≤ 23.06	Pass
11ax-HE20	MCS0	149	5745	20.47	20.99	23.75	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	21.46	21.90	24.70	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	21.45	21.77	24.62	≤ 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	19.33	18.88	22.12	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	21.92	21.25	24.61	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	20.45	20.35	23.41	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	20.37	20.17	23.28	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	18.74	18.45	21.61	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	20.38	20.08	23.24	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	18.39	18.69	21.55	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	19.56	19.89	22.74	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	19.42	20.10	22.78	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	20.85	21.36	24.12	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	19.15	18.37	21.79	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	20.33	19.84	23.10	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	18.46	17.76	21.13	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.95	20.57	23.77	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	20.28	20.58	23.44	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	20.92	21.28	24.11	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	17.01	16.62	19.83	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	16.35	15.74	19.07	≤ 23.98	Pass
11be-EHT20	MCS0	36	5180	18.95	18.37	21.68	≤ 30.00	Pass
11be-EHT20	MCS0	40	5200	21.75	21.20	24.49	≤ 30.00	Pass
11be-EHT20	MCS0	48	5240	21.73	21.37	24.56	≤ 30.00	Pass
11be-EHT20	MCS0	52	5260	18.51	18.09	21.32	≤ 23.98	Pass
11be-EHT20	MCS0	60	5300	18.39	18.02	21.22	≤ 23.98	Pass
11be-EHT20	MCS0	64	5320	18.30	17.79	21.06	≤ 23.98	Pass
11be-EHT20	MCS0	100	5500	17.49	17.03	20.28	≤ 23.98	Pass
11be-EHT20	MCS0	116	5580	18.02	17.67	20.86	≤ 23.98	Pass
11be-EHT20	MCS0	140	5700	16.83	17.43	20.15	≤ 23.98	Pass
11be-EHT20	MCS0	144	5720	17.64	18.35	21.02	≤ 23.05	Pass
11be-EHT20	MCS0	149	5745	21.55	22.13	24.86	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	21.51	22.19	24.87	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	21.37	21.97	24.69	≤ 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	18.32	17.86	21.11	≤ 30.00	Pass
11be-EHT40	MCS0	46	5230	21.92	21.29	24.63	≤ 30.00	Pass
11be-EHT40	MCS0	54	5270	20.76	20.33	23.56	≤ 23.98	Pass
11be-EHT40	MCS0	62	5310	16.27	15.85	19.08	≤ 23.98	Pass
11be-EHT40	MCS0	102	5510	18.08	17.36	20.75	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.55	19.97	23.28	≤ 23.98	Pass
11be-EHT40	MCS0	134	5670	18.40	18.70	21.56	≤ 23.98	Pass
11be-EHT40	MCS0	142	5710	19.57	20.06	22.83	≤ 23.98	Pass
11be-EHT40	MCS0	151	5755	21.08	22.15	24.66	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	21.19	21.81	24.52	≤ 30.00	Pass
11be-EHT80	MCS0	42	5210	19.79	19.42	22.62	≤ 30.00	Pass
11be-EHT80	MCS0	58	5290	19.43	19.04	22.25	≤ 23.98	Pass
11be-EHT80	MCS0	106	5530	18.63	18.09	21.38	≤ 23.98	Pass
11be-EHT80	MCS0	122	5610	20.68	20.52	23.61	≤ 23.98	Pass
11be-EHT80	MCS0	138	5690	20.67	20.80	23.75	≤ 23.98	Pass
11be-EHT80	MCS0	155	5775	19.43	19.96	22.71	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	15.64	15.08	18.38	≤ 23.98	Pass
11be-EHT160	MCS0	114	5570	15.76	15.28	18.54	≤ 23.98	Pass
11be-EHT240	MCS0	130	5650	14.39	14.31	17.36	≤ 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 Band: 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 Wall Plate Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/8/14~2024/10/17
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	19.05	18.77	21.92	≤ 29.99	Pass
11ac-VHT20	MCS0	40	5200	21.23	21.11	24.18	≤ 29.99	Pass
11ac-VHT20	MCS0	48	5240	21.80	21.45	24.64	≤ 29.99	Pass
11ac-VHT20	MCS0	52	5260	17.57	17.43	20.51	≤ 23.97	Pass
11ac-VHT20	MCS0	60	5300	17.98	17.85	20.93	≤ 23.97	Pass
11ac-VHT20	MCS0	64	5320	17.93	17.60	20.78	≤ 23.97	Pass
11ac-VHT20	MCS0	100	5500	17.76	17.37	20.58	≤ 23.97	Pass
11ac-VHT20	MCS0	116	5580	17.13	16.48	19.83	≤ 23.97	Pass
11ac-VHT20	MCS0	140	5700	16.58	17.05	19.83	≤ 23.97	Pass
11ac-VHT20	MCS0	144	5720	16.73	17.31	20.04	≤ 23.01	Pass
11ac-VHT20	MCS0	149	5745	21.34	22.02	24.70	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	21.36	21.82	24.61	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	21.00	21.59	24.32	≤ 29.99	Pass
11ac-VHT40	MCS0	38	5190	18.56	17.81	21.21	≤ 29.99	Pass
11ac-VHT40	MCS0	46	5230	21.94	21.35	24.67	≤ 29.99	Pass
11ac-VHT40	MCS0	54	5270	20.71	20.28	23.51	≤ 23.97	Pass
11ac-VHT40	MCS0	62	5310	15.74	15.45	18.61	≤ 23.97	Pass
11ac-VHT40	MCS0	102	5510	16.76	16.43	19.61	≤ 23.97	Pass
11ac-VHT40	MCS0	110	5550	20.42	20.06	23.25	≤ 23.97	Pass
11ac-VHT40	MCS0	134	5670	19.28	19.82	22.57	≤ 23.97	Pass
11ac-VHT40	MCS0	142	5710	19.60	19.93	22.78	≤ 23.97	Pass
11ac-VHT40	MCS0	151	5755	21.15	22.01	24.61	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	21.17	21.84	24.53	≤ 29.99	Pass
11ac-VHT80	MCS0	42	5210	19.70	19.34	22.53	≤ 29.99	Pass
11ac-VHT80	MCS0	58	5290	19.92	19.48	22.72	≤ 23.97	Pass
11ac-VHT80	MCS0	106	5530	18.14	17.77	20.97	≤ 23.97	Pass
11ac-VHT80	MCS0	122	5610	20.78	20.37	23.59	≤ 23.97	Pass
11ac-VHT80	MCS0	138	5690	20.73	20.84	23.80	≤ 23.97	Pass
11ac-VHT80	MCS0	155	5775	20.03	20.56	23.31	≤ 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	13.36	13.01	16.20	≤ 23.97	Pass
11ac-VHT160	MCS0	114	5570	14.18	13.83	17.02	≤ 23.97	Pass
11ax-HE20	MCS0	36	5180	20.53	20.42	23.49	≤ 29.99	Pass
11ax-HE20	MCS0	40	5200	20.94	20.62	23.79	≤ 29.99	Pass
11ax-HE20	MCS0	48	5240	21.66	21.05	24.38	≤ 29.99	Pass
11ax-HE20	MCS0	52	5260	18.39	18.00	21.21	≤ 23.97	Pass
11ax-HE20	MCS0	60	5300	18.22	17.91	21.08	≤ 23.97	Pass
11ax-HE20	MCS0	64	5320	18.11	17.81	20.97	≤ 23.97	Pass
11ax-HE20	MCS0	100	5500	18.62	18.05	21.35	≤ 23.97	Pass
11ax-HE20	MCS0	116	5580	18.11	17.41	20.78	≤ 23.97	Pass
11ax-HE20	MCS0	140	5700	16.73	17.31	20.04	≤ 23.97	Pass
11ax-HE20	MCS0	144	5720	17.58	18.15	20.88	≤ 23.05	Pass
11ax-HE20	MCS0	149	5745	20.47	20.99	23.75	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	21.46	21.90	24.70	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	21.45	21.77	24.62	≤ 29.99	Pass
11ax-HE40	MCS0	38	5190	19.33	18.88	22.12	≤ 29.99	Pass
11ax-HE40	MCS0	46	5230	21.92	21.25	24.61	≤ 29.99	Pass
11ax-HE40	MCS0	54	5270	20.45	20.35	23.41	≤ 23.97	Pass
11ax-HE40	MCS0	62	5310	20.37	20.17	23.28	≤ 23.97	Pass
11ax-HE40	MCS0	102	5510	18.74	18.45	21.61	≤ 23.97	Pass
11ax-HE40	MCS0	110	5550	20.38	20.08	23.24	≤ 23.97	Pass
11ax-HE40	MCS0	134	5670	18.39	18.69	21.55	≤ 23.97	Pass
11ax-HE40	MCS0	142	5710	19.56	19.89	22.74	≤ 23.97	Pass
11ax-HE40	MCS0	151	5755	19.42	20.10	22.78	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	20.85	21.36	24.12	≤ 29.99	Pass
11ax-HE80	MCS0	42	5210	19.15	18.37	21.79	≤ 29.99	Pass
11ax-HE80	MCS0	58	5290	20.33	19.84	23.10	≤ 23.97	Pass
11ax-HE80	MCS0	106	5530	18.46	17.76	21.13	≤ 23.97	Pass
11ax-HE80	MCS0	122	5610	20.95	20.57	23.77	≤ 23.97	Pass
11ax-HE80	MCS0	138	5690	20.28	20.58	23.44	≤ 23.97	Pass
11ax-HE80	MCS0	155	5775	20.92	21.28	24.11	≤ 29.99	Pass
11ax-HE160	MCS0	50	5250	17.01	16.62	19.83	≤ 23.97	Pass
11ax-HE160	MCS0	114	5570	16.35	15.74	19.07	≤ 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	18.95	18.37	21.68	≤ 29.99	Pass
11be-EHT20	MCS0	40	5200	21.75	21.20	24.49	≤ 29.99	Pass
11be-EHT20	MCS0	48	5240	21.73	21.37	24.56	≤ 29.99	Pass
11be-EHT20	MCS0	52	5260	18.51	18.09	21.32	≤ 23.97	Pass
11be-EHT20	MCS0	60	5300	18.39	18.02	21.22	≤ 23.97	Pass
11be-EHT20	MCS0	64	5320	18.30	17.79	21.06	≤ 23.97	Pass
11be-EHT20	MCS0	100	5500	17.49	17.03	20.28	≤ 23.97	Pass
11be-EHT20	MCS0	116	5580	18.02	17.67	20.86	≤ 23.97	Pass
11be-EHT20	MCS0	140	5700	16.83	17.43	20.15	≤ 23.97	Pass
11be-EHT20	MCS0	144	5720	17.64	18.35	21.02	≤ 23.04	Pass
11be-EHT20	MCS0	149	5745	21.55	22.13	24.86	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	21.51	22.19	24.87	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	21.37	21.97	24.69	≤ 29.99	Pass
11be-EHT40	MCS0	38	5190	18.32	17.86	21.11	≤ 29.99	Pass
11be-EHT40	MCS0	46	5230	21.92	21.29	24.63	≤ 29.99	Pass
11be-EHT40	MCS0	54	5270	20.76	20.33	23.56	≤ 23.97	Pass
11be-EHT40	MCS0	62	5310	16.27	15.85	19.08	≤ 23.97	Pass
11be-EHT40	MCS0	102	5510	18.08	17.36	20.75	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.55	19.97	23.28	≤ 23.97	Pass
11be-EHT40	MCS0	134	5670	18.40	18.70	21.56	≤ 23.97	Pass
11be-EHT40	MCS0	142	5710	19.57	20.06	22.83	≤ 23.97	Pass
11be-EHT40	MCS0	151	5755	21.08	22.15	24.66	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	21.19	21.81	24.52	≤ 29.99	Pass
11be-EHT80	MCS0	42	5210	19.79	19.42	22.62	≤ 29.99	Pass
11be-EHT80	MCS0	58	5290	19.43	19.04	22.25	≤ 23.97	Pass
11be-EHT80	MCS0	106	5530	18.63	18.09	21.38	≤ 23.97	Pass
11be-EHT80	MCS0	122	5610	20.68	20.52	23.61	≤ 23.97	Pass
11be-EHT80	MCS0	138	5690	20.67	20.80	23.75	≤ 23.97	Pass
11be-EHT80	MCS0	155	5775	19.43	19.96	22.71	≤ 29.99	Pass
11be-EHT160	MCS0	50	5250	15.64	15.08	18.38	≤ 23.97	Pass
11be-EHT160	MCS0	114	5570	15.76	15.28	18.54	≤ 23.97	Pass
11be-EHT240	MCS0	130	5650	14.39	14.31	17.36	≤ 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.

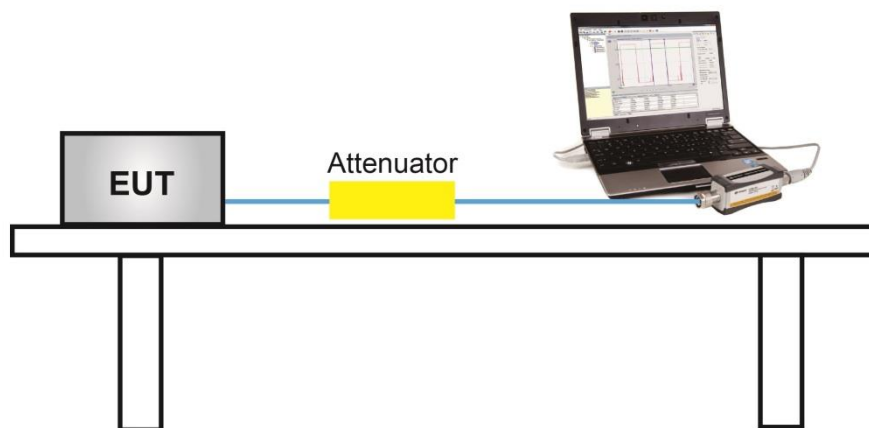
7.5.2. Test Procedure Used

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.

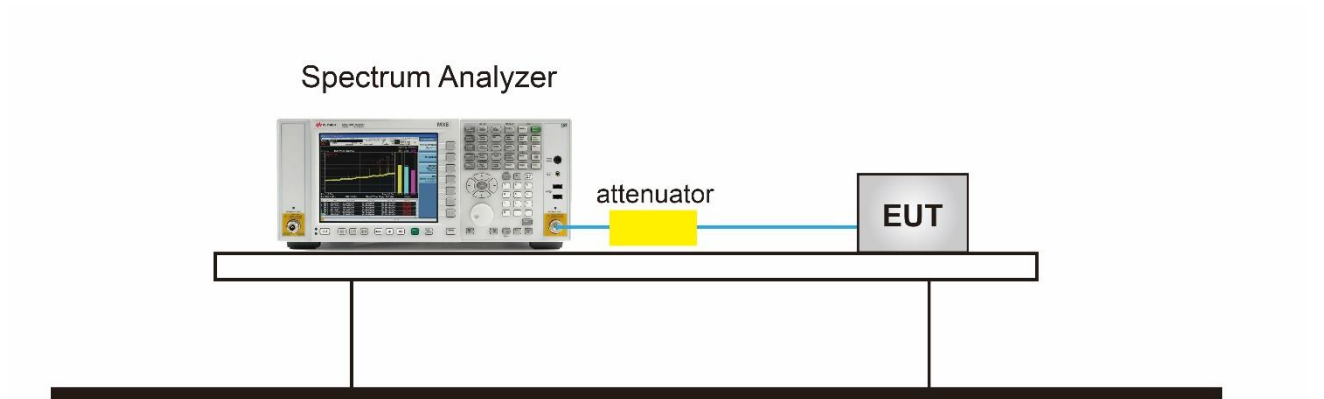
7.6.2. Test Procedure Used

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 Wall Plate Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/8/14~2024/8/29
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	9.130	9.534	98.44%	12.415	≤ 16.99	Pass
11a	6Mbps	40	5200	9.817	9.987	98.44%	12.981	≤ 16.99	Pass
11a	6Mbps	48	5240	10.149	10.161	98.44%	13.234	≤ 16.99	Pass
11a	6Mbps	52	5260	7.557	7.583	98.44%	10.649	≤ 10.99	Pass
11a	6Mbps	60	5300	7.853	7.120	98.44%	10.581	≤ 10.99	Pass
11a	6Mbps	64	5320	7.301	7.494	98.44%	10.477	≤ 10.99	Pass
11a	6Mbps	100	5500	8.020	7.125	98.44%	10.674	≤ 10.99	Pass
11a	6Mbps	116	5580	7.801	7.476	98.44%	10.720	≤ 10.99	Pass
11a	6Mbps	140	5700	7.464	7.911	98.44%	10.772	≤ 10.99	Pass
11a	6Mbps	144	5720	6.794	7.877	98.44%	10.448	≤ 10.99	Pass
11ac-VHT20	MCS0	36	5180	7.976	8.507	99.08%	11.300	≤ 16.99	Pass
11ac-VHT20	MCS0	40	5200	9.504	10.061	99.08%	12.842	≤ 16.99	Pass
11ac-VHT20	MCS0	48	5240	10.715	10.701	99.08%	13.758	≤ 16.99	Pass
11ac-VHT20	MCS0	52	5260	7.738	7.399	99.08%	10.622	≤ 10.99	Pass
11ac-VHT20	MCS0	60	5300	7.692	7.827	99.08%	10.810	≤ 10.99	Pass
11ac-VHT20	MCS0	64	5320	7.760	7.716	99.08%	10.788	≤ 10.99	Pass
11ac-VHT20	MCS0	100	5500	8.298	6.911	99.08%	10.710	≤ 10.99	Pass
11ac-VHT20	MCS0	116	5580	7.926	7.100	99.08%	10.583	≤ 10.99	Pass
11ac-VHT20	MCS0	140	5700	7.428	7.583	99.08%	10.557	≤ 10.99	Pass
11ac-VHT20	MCS0	144	5720	7.442	8.027	99.08%	10.795	≤ 10.99	Pass
11ac-VHT40	MCS0	38	5190	3.940	4.494	99.08%	7.276	≤ 16.99	Pass
11ac-VHT40	MCS0	46	5230	7.042	7.477	99.08%	10.315	≤ 16.99	Pass
11ac-VHT40	MCS0	54	5270	7.437	7.712	99.08%	10.627	≤ 10.99	Pass
11ac-VHT40	MCS0	62	5310	2.130	2.356	99.08%	5.295	≤ 10.99	Pass
11ac-VHT40	MCS0	102	5510	3.302	1.939	99.08%	5.724	≤ 10.99	Pass
11ac-VHT40	MCS0	110	5550	8.272	7.114	99.08%	10.782	≤ 10.99	Pass
11ac-VHT40	MCS0	134	5670	4.792	5.107	99.08%	8.003	≤ 10.99	Pass
11ac-VHT40	MCS0	142	5710	7.259	7.559	99.08%	10.462	≤ 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	2.013	2.431	99.35%	5.266	≤ 16.99	Pass
11ac-VHT80	MCS0	58	5290	3.497	2.901	99.35%	6.248	≤ 10.99	Pass
11ac-VHT80	MCS0	106	5530	1.782	0.936	99.35%	4.418	≤ 10.99	Pass
11ac-VHT80	MCS0	122	5610	3.885	3.538	99.35%	6.754	≤ 10.99	Pass
11ac-VHT80	MCS0	138	5690	3.562	3.753	99.35%	6.697	≤ 10.99	Pass
11ac-VHT160	MCS0	50	5250	-6.745	-7.092	99.45%	-3.881	≤ 10.99	Pass
11ac-VHT160	MCS0	114	5570	-6.064	-5.962	99.45%	-2.978	≤ 10.99	Pass
11ax-HE20	MCS0	36	5180	8.535	9.545	98.72%	12.136	≤ 16.99	Pass
11ax-HE20	MCS0	40	5200	9.038	9.530	98.72%	12.357	≤ 16.99	Pass
11ax-HE20	MCS0	48	5240	9.380	10.185	98.72%	12.867	≤ 16.99	Pass
11ax-HE20	MCS0	52	5260	7.513	7.534	98.72%	10.590	≤ 10.99	Pass
11ax-HE20	MCS0	60	5300	7.722	7.302	98.72%	10.583	≤ 10.99	Pass
11ax-HE20	MCS0	64	5320	7.724	7.430	98.72%	10.646	≤ 10.99	Pass
11ax-HE20	MCS0	100	5500	8.349	7.165	98.72%	10.863	≤ 10.99	Pass
11ax-HE20	MCS0	116	5580	8.308	7.264	98.72%	10.884	≤ 10.99	Pass
11ax-HE20	MCS0	140	5700	7.272	7.792	98.72%	10.606	≤ 10.99	Pass
11ax-HE20	MCS0	144	5720	7.316	8.157	98.72%	10.823	≤ 10.99	Pass
11ax-HE40	MCS0	38	5190	5.023	4.644	99.26%	7.880	≤ 16.99	Pass
11ax-HE40	MCS0	46	5230	7.493	7.565	99.26%	10.572	≤ 16.99	Pass
11ax-HE40	MCS0	54	5270	7.334	7.757	99.26%	10.593	≤ 10.99	Pass
11ax-HE40	MCS0	62	5310	6.280	6.355	99.26%	9.360	≤ 10.99	Pass
11ax-HE40	MCS0	102	5510	5.151	4.258	99.26%	7.770	≤ 10.99	Pass
11ax-HE40	MCS0	110	5550	8.191	7.444	99.26%	10.876	≤ 10.99	Pass
11ax-HE40	MCS0	134	5670	4.160	4.952	99.26%	7.617	≤ 10.99	Pass
11ax-HE40	MCS0	142	5710	7.170	7.401	99.26%	10.330	≤ 10.99	Pass
11ax-HE80	MCS0	42	5210	0.294	0.377	99.08%	3.386	≤ 16.99	Pass
11ax-HE80	MCS0	58	5290	1.839	2.165	99.08%	5.055	≤ 10.99	Pass
11ax-HE80	MCS0	106	5530	0.371	-0.483	99.08%	3.015	≤ 10.99	Pass
11ax-HE80	MCS0	122	5610	3.959	0.053	99.08%	5.482	≤ 10.99	Pass
11ax-HE80	MCS0	122	5690	2.010	3.910	99.08%	6.114	≤ 10.99	Pass
11ax-HE160	MCS0	50	5250	-3.982	-5.000	99.63%	-1.435	≤ 10.99	Pass
11ax-HE160	MCS0	114	5570	-4.771	-5.043	99.63%	-1.878	≤ 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	7.439	8.344	99.45%	10.949	≤ 16.99	Pass
11be-EHT20	MCS0	40	5200	9.428	10.068	99.45%	12.794	≤ 16.99	Pass
11be-EHT20	MCS0	48	5240	8.140	8.382	99.45%	11.297	≤ 16.99	Pass
11be-EHT20	MCS0	52	5260	7.756	7.973	99.45%	10.900	≤ 10.99	Pass
11be-EHT20	MCS0	60	5300	7.672	7.651	99.45%	10.696	≤ 10.99	Pass
11be-EHT20	MCS0	64	5320	7.638	8.049	99.45%	10.883	≤ 10.99	Pass
11be-EHT20	MCS0	100	5500	5.345	3.603	99.45%	7.595	≤ 10.99	Pass
11be-EHT20	MCS0	116	5580	8.175	7.529	99.45%	10.898	≤ 10.99	Pass
11be-EHT20	MCS0	140	5700	7.026	7.766	99.45%	10.446	≤ 10.99	Pass
11be-EHT20	MCS0	144	5720	7.429	8.241	99.45%	10.888	≤ 10.99	Pass
11be-EHT40	MCS0	38	5190	3.771	4.035	99.08%	6.955	≤ 16.99	Pass
11be-EHT40	MCS0	46	5230	7.334	7.221	99.08%	10.328	≤ 16.99	Pass
11be-EHT40	MCS0	54	5270	7.198	7.396	99.08%	10.349	≤ 10.99	Pass
11be-EHT40	MCS0	62	5310	2.695	2.340	99.08%	5.572	≤ 10.99	Pass
11be-EHT40	MCS0	102	5510	4.446	3.470	99.08%	7.036	≤ 10.99	Pass
11be-EHT40	MCS0	110	5550	8.004	7.217	99.08%	10.679	≤ 10.99	Pass
11be-EHT40	MCS0	134	5670	4.898	5.021	99.08%	8.010	≤ 10.99	Pass
11be-EHT40	MCS0	142	5710	7.078	8.134	99.08%	10.688	≤ 10.99	Pass
11be-EHT80	MCS0	42	5210	2.136	2.940	98.53%	5.631	≤ 16.99	Pass
11be-EHT80	MCS0	58	5290	2.647	2.942	98.53%	5.872	≤ 10.99	Pass
11be-EHT80	MCS0	106	5530	2.677	1.912	98.53%	5.386	≤ 10.99	Pass
11be-EHT80	MCS0	122	5610	4.502	4.348	98.53%	7.500	≤ 10.99	Pass
11be-EHT80	MCS0	138	5690	3.959	4.753	98.53%	7.449	≤ 10.99	Pass
11be-EHT160	MCS0	50	5250	-4.254	-3.891	99.27%	-1.027	≤ 10.99	Pass
11be-EHT160	MCS0	114	5570	-4.182	-3.970	99.27%	-1.033	≤ 10.99	Pass
11be-EHT240	MCS0	130	5650	-6.044	-5.604	98.90%	-2.760	≤ 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 Wall Plate Wi-Fi 7 Access Point	Test Engineer	Owen
Test Site	SR6	Test Date	2024/8/14/~2024/8/29
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/500kHz)	Result
11a	6Mbps	149	5745	7.904	8.716	98.44%	11.408	≤ 29.99	Pass
11a	6Mbps	157	5785	7.801	8.876	98.44%	11.450	≤ 29.99	Pass
11a	6Mbps	165	5825	7.852	8.599	98.44%	11.320	≤ 29.99	Pass
11ac-VHT20	MCS0	149	5745	7.447	8.003	99.08%	10.784	≤ 29.99	Pass
11ac-VHT20	MCS0	157	5785	8.658	8.390	99.08%	11.577	≤ 29.99	Pass
11ac-VHT20	MCS0	165	5825	7.510	8.744	99.08%	11.221	≤ 29.99	Pass
11ac-VHT40	MCS0	151	5755	4.175	5.253	99.08%	7.798	≤ 29.99	Pass
11ac-VHT40	MCS0	159	5795	4.140	5.118	99.08%	7.707	≤ 29.99	Pass
11ac-VHT80	MCS0	155	5775	-0.486	0.389	99.35%	3.012	≤ 29.99	Pass
11ax-HE20	MCS0	149	5745	5.780	6.055	98.72%	8.986	≤ 29.99	Pass
11ax-HE20	MCS0	157	5785	6.770	7.761	98.72%	10.360	≤ 29.99	Pass
11ax-HE20	MCS0	165	5825	7.550	7.342	98.72%	10.513	≤ 29.99	Pass
11ax-HE40	MCS0	151	5755	2.349	3.263	99.26%	5.873	≤ 29.99	Pass
11ax-HE40	MCS0	159	5795	3.764	4.779	99.26%	7.344	≤ 29.99	Pass
11ax-HE80	MCS0	155	5775	-0.174	0.741	99.08%	3.358	≤ 29.99	Pass
11be-EHT20	MCS0	149	5745	7.643	8.134	99.45%	10.930	≤ 29.99	Pass
11be-EHT20	MCS0	157	5785	7.614	8.612	99.45%	11.176	≤ 29.99	Pass
11be-EHT20	MCS0	165	5825	7.481	8.763	99.45%	11.203	≤ 29.99	Pass
11be-EHT40	MCS0	151	5755	4.502	5.540	99.08%	8.102	≤ 29.99	Pass
11be-EHT40	MCS0	159	5795	5.546	6.534	99.08%	9.118	≤ 29.99	Pass
11be-EHT80	MCS0	155	5775	0.384	1.268	98.53%	3.923	≤ 29.99	Pass

Note 1: When EUT duty cycle ≥ 98%,

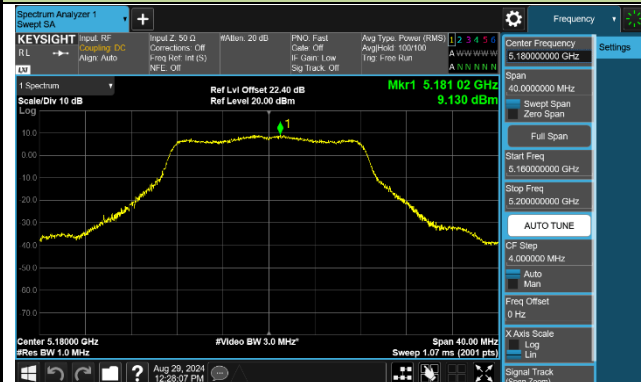
the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/510kHz).

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) + $10 \cdot \log (1/\text{Duty Cycle})$.

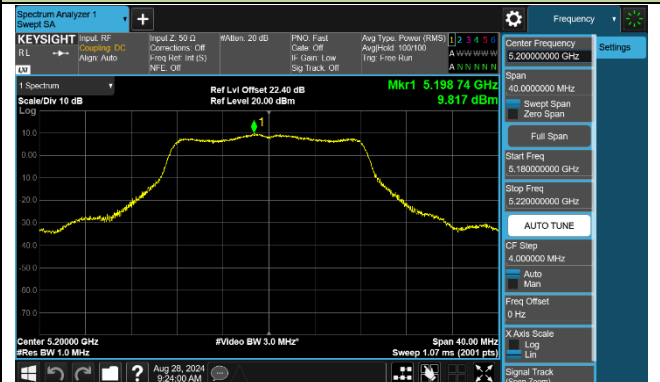
Note 2: PSD Limit (dBm/500kHz) = 30 - (6.01 - 6) = 29.99 (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

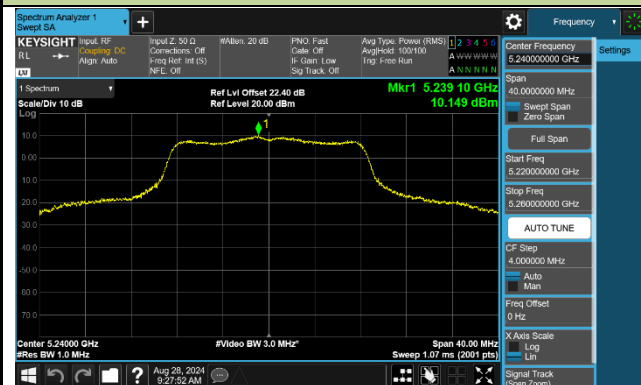
Channel 36 (5180MHz)



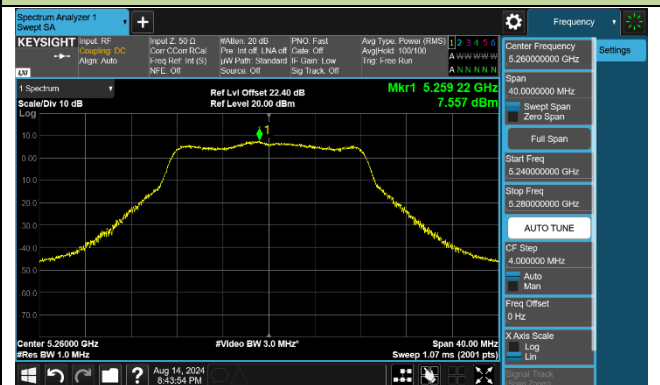
Channel 40 (5200MHz)



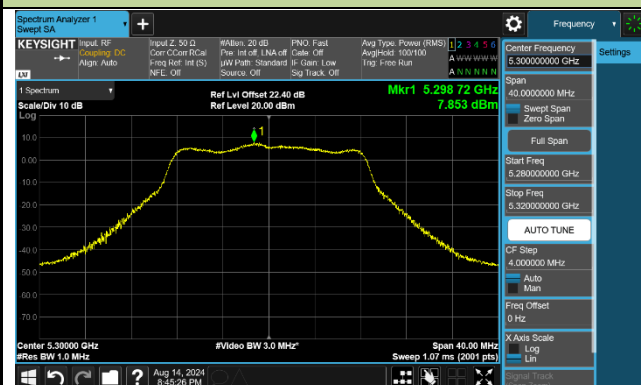
Channel 48 (5240MHz)



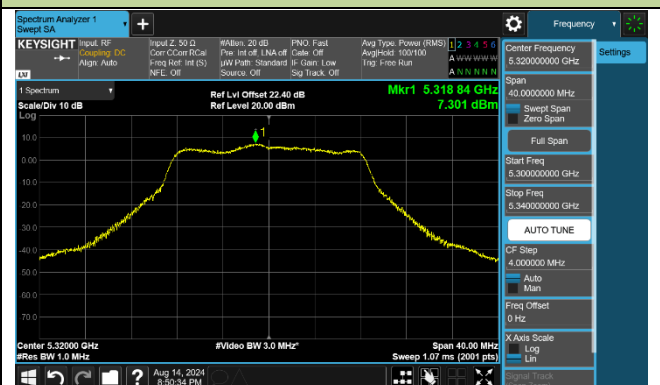
Channel 52 (5260MHz)



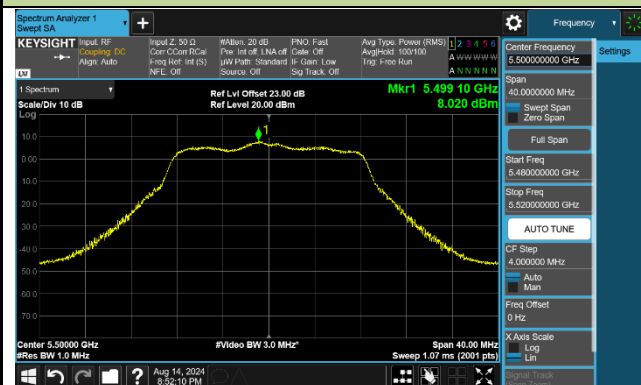
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

