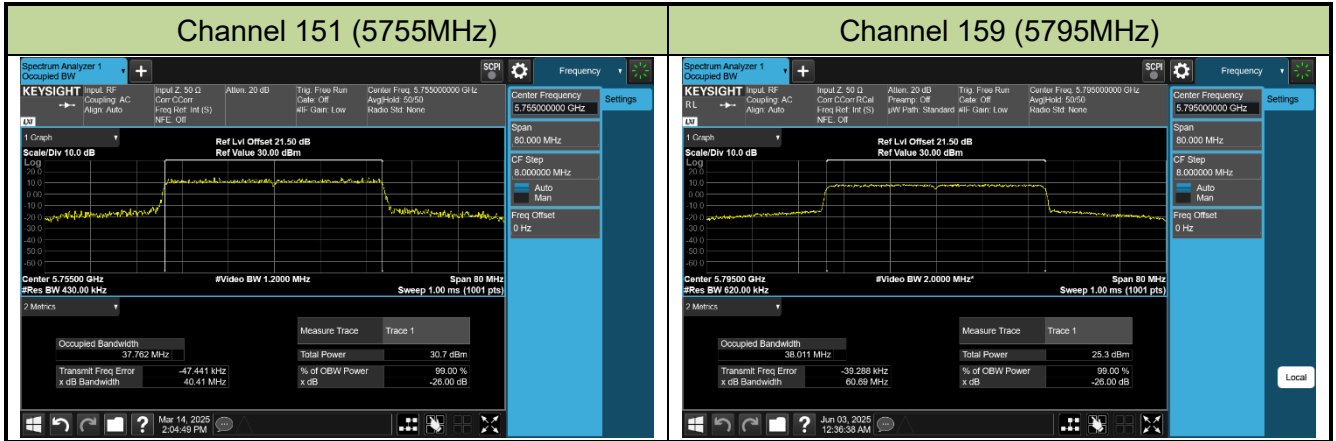
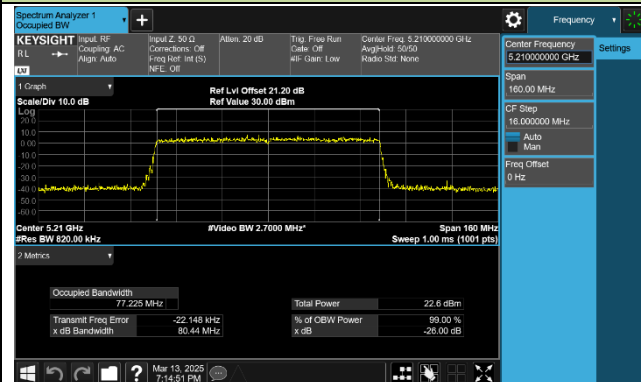


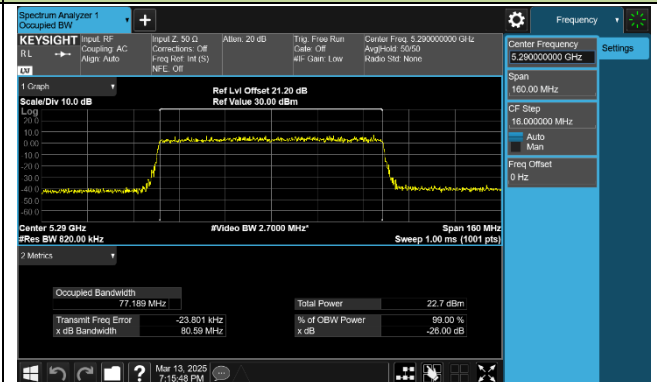


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

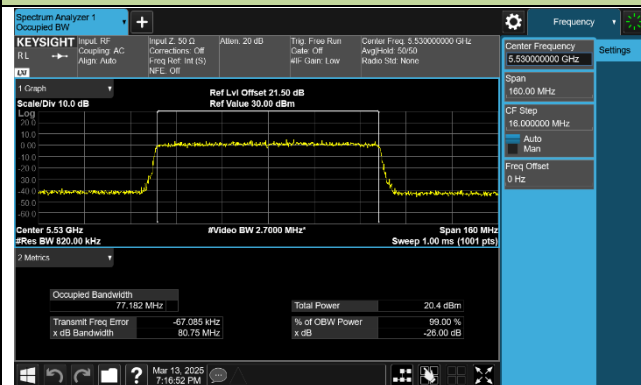
Channel 42 (5210MHz)



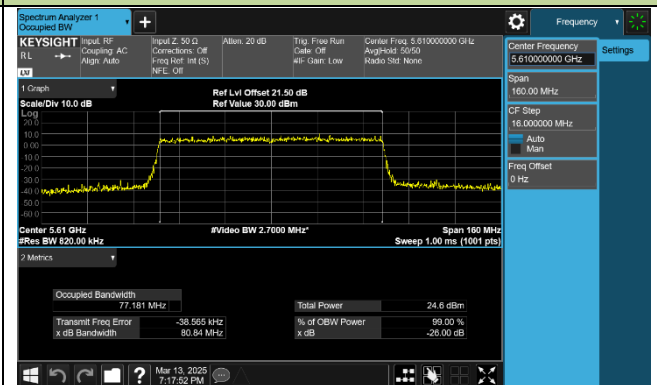
Channel 58 (5290MHz)



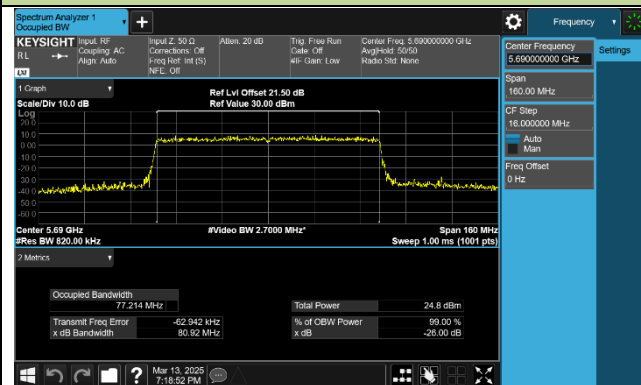
Channel 106 (5530MHz)



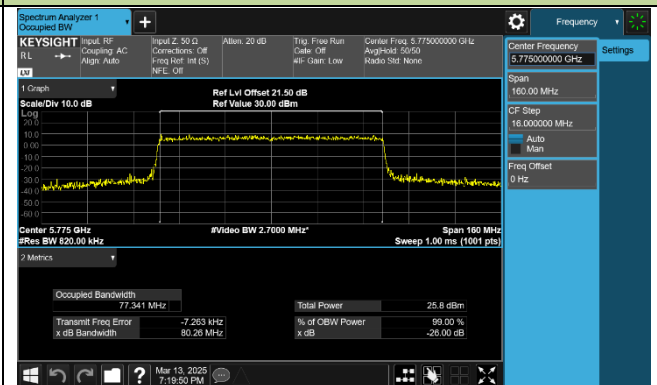
Channel 122 (5610MHz)



Channel 138 (5690MHz)

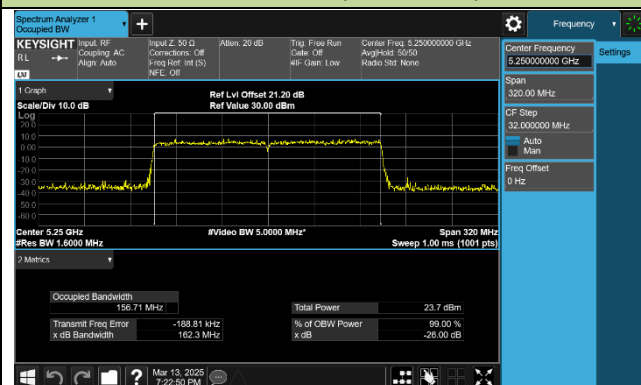


Channel 155 (5775MHz)

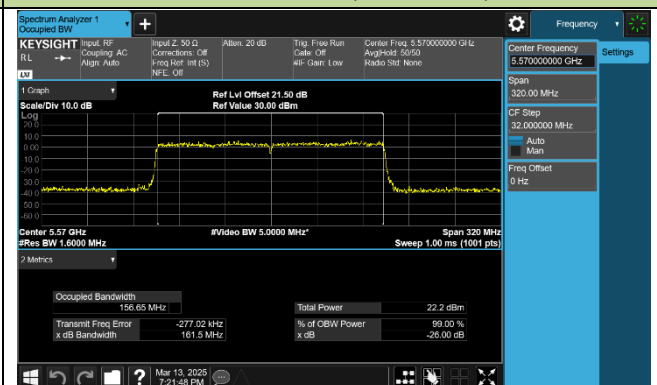


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

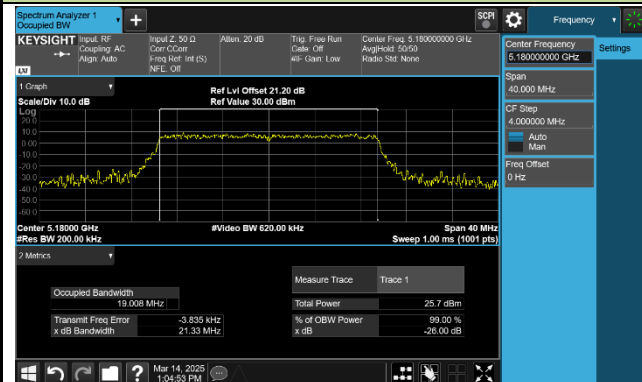


Channel 114 (5570MHz)

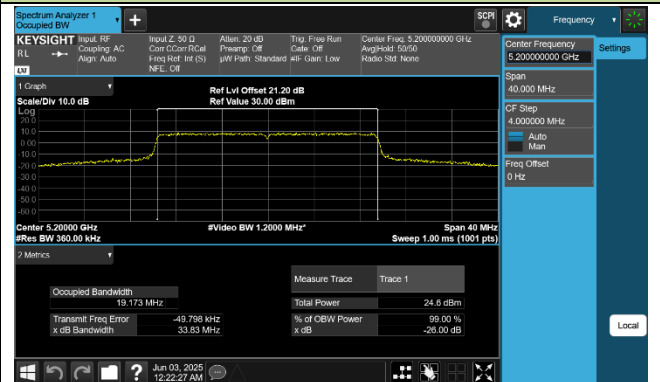


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

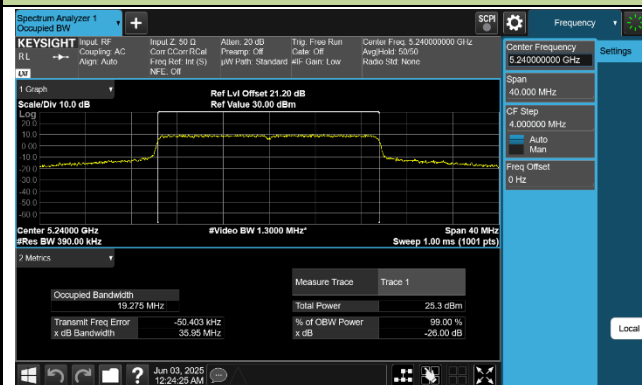
Channel 36 (5180MHz)



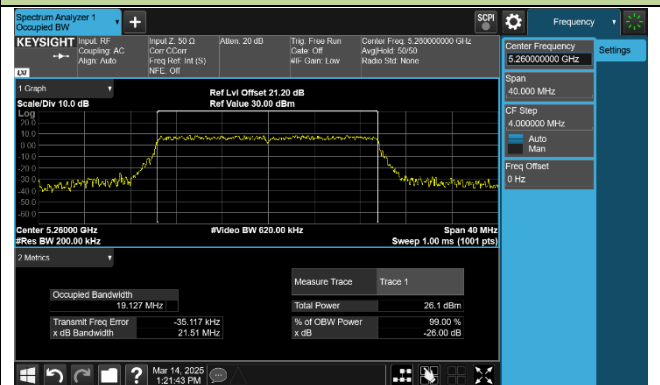
Channel 40 (5200MHz)



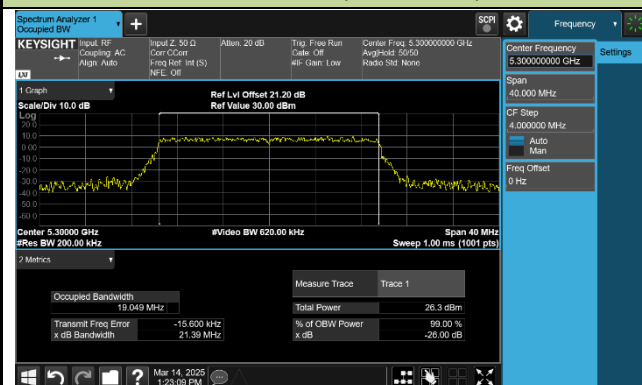
Channel 48 (5240MHz)



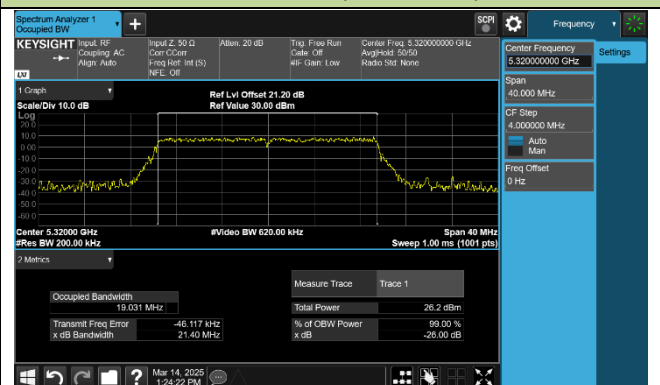
Channel 52 (5260MHz)



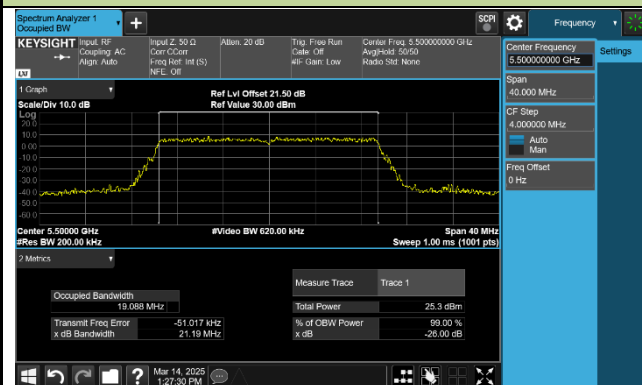
Channel 60 (5300MHz)



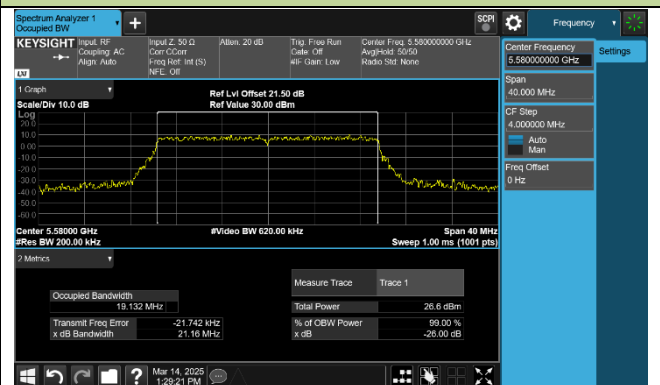
Channel 64 (5320MHz)

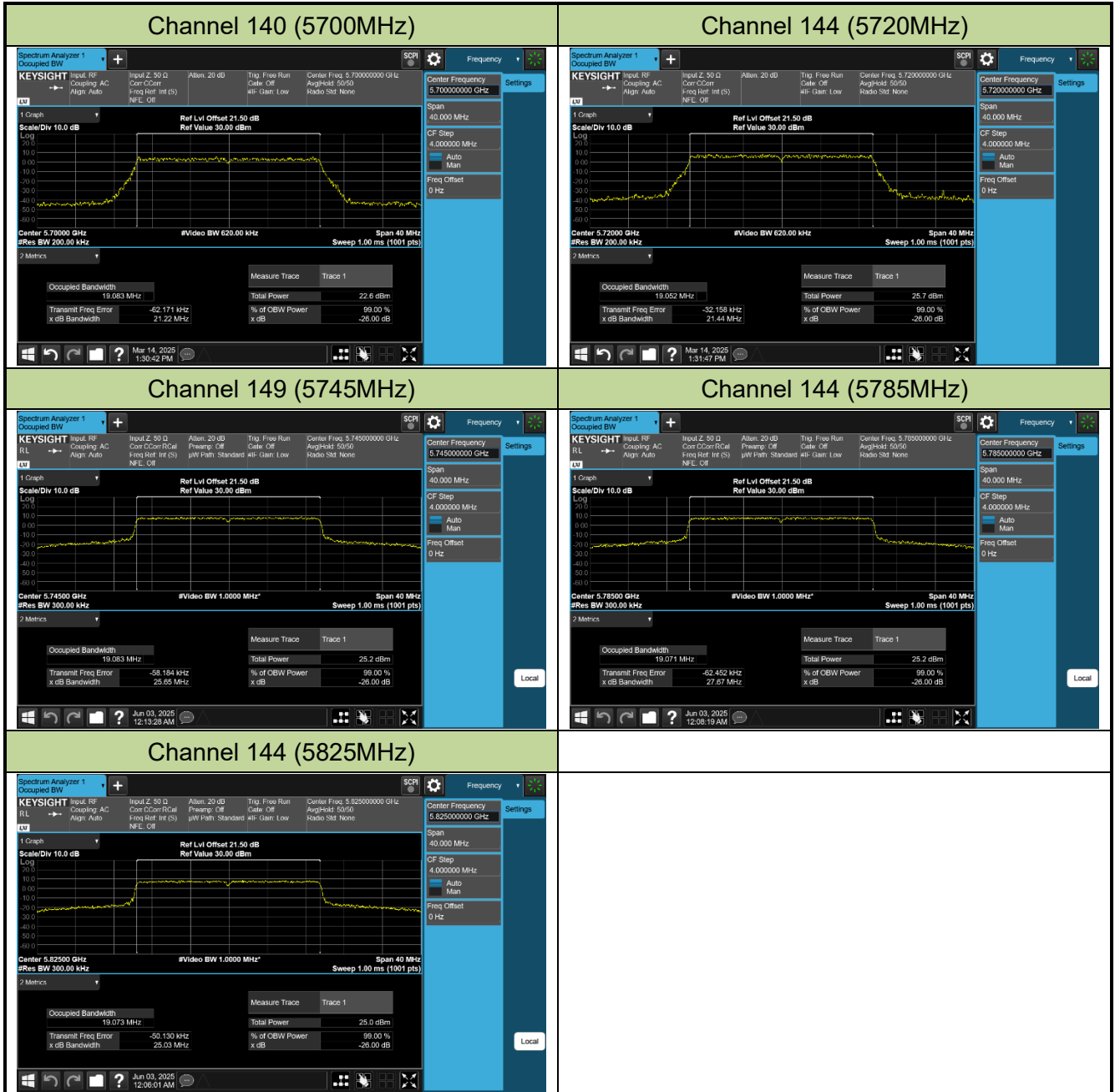


Channel 100 (5500MHz)



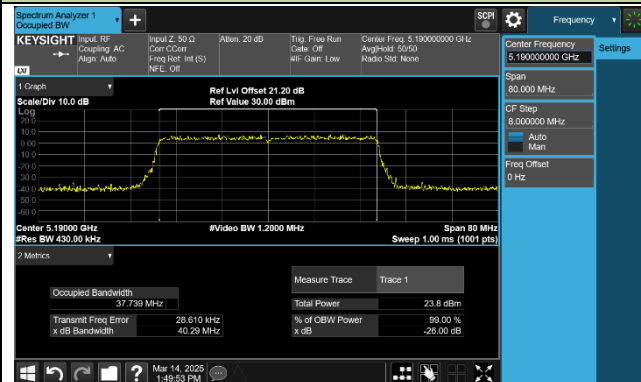
Channel 116 (5580MHz)



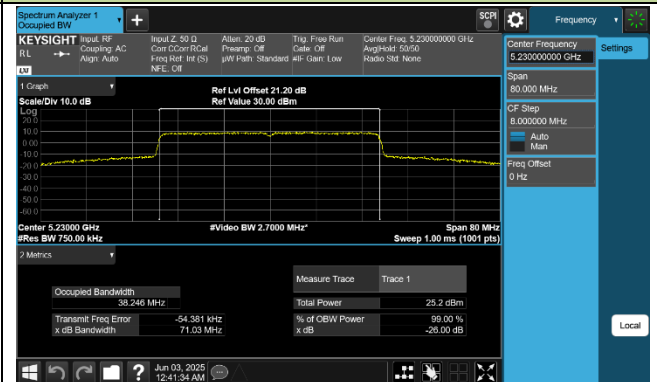


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

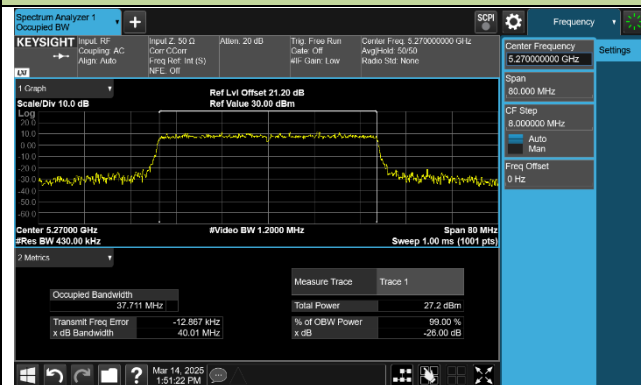
Channel 38 (5190MHz)



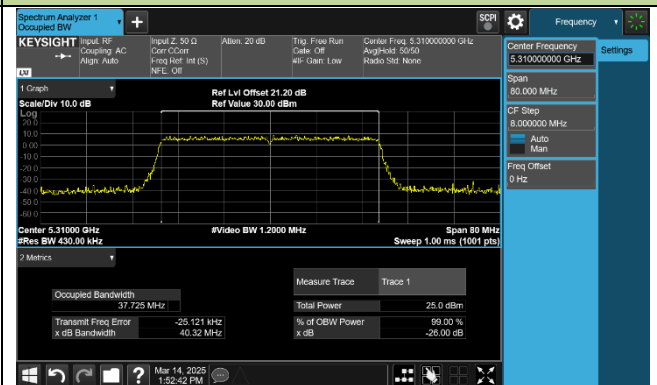
Channel 46 (5230MHz)



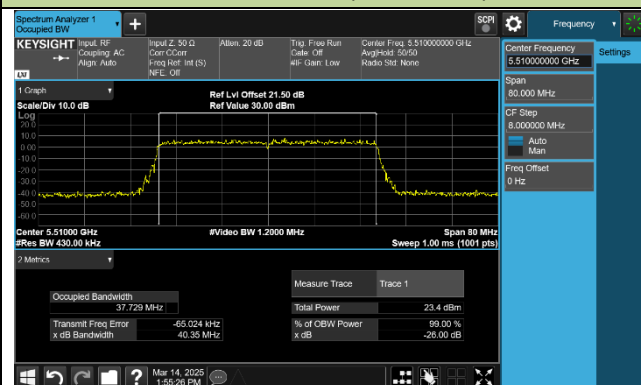
Channel 54 (5270MHz)



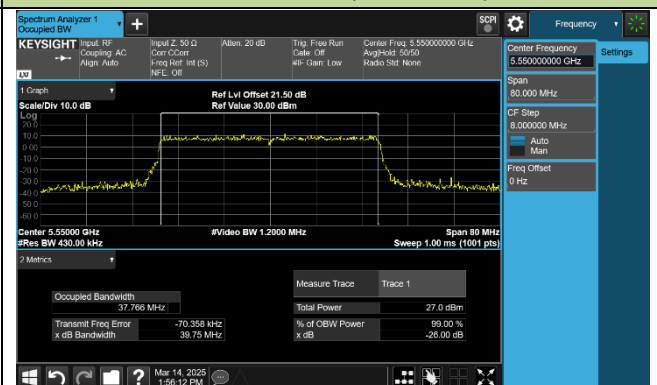
Channel 62 (5310MHz)



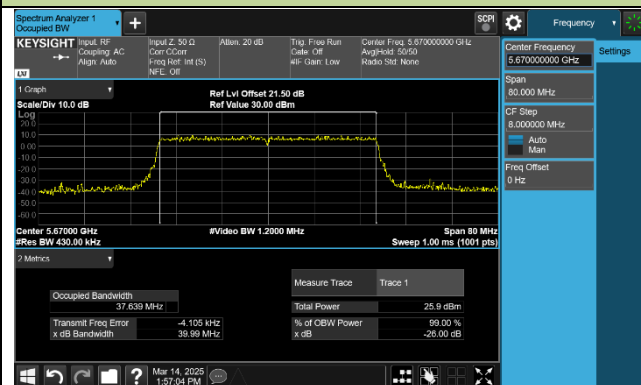
Channel 102 (5510MHz)



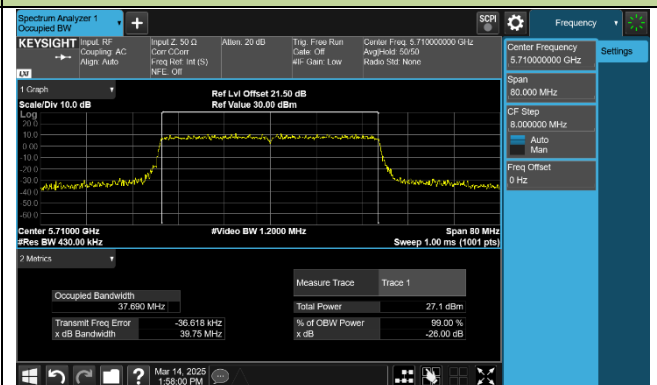
Channel 110 (5550MHz)

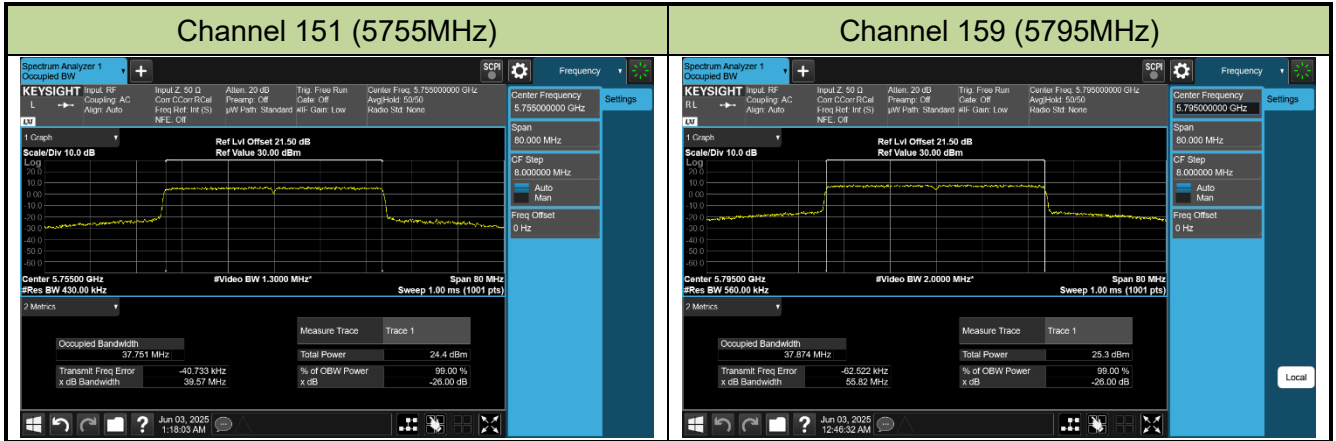


Channel 134 (5670MHz)



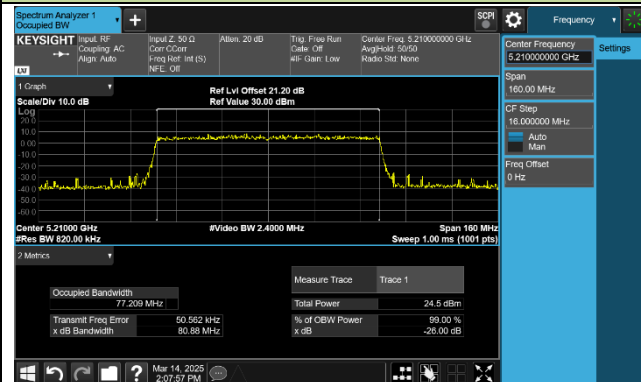
Channel 142 (5710MHz)



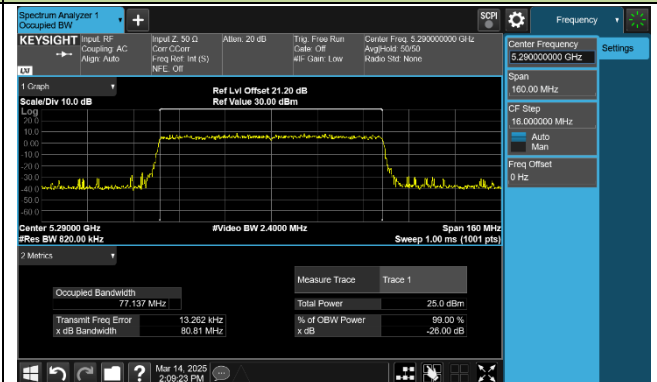


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

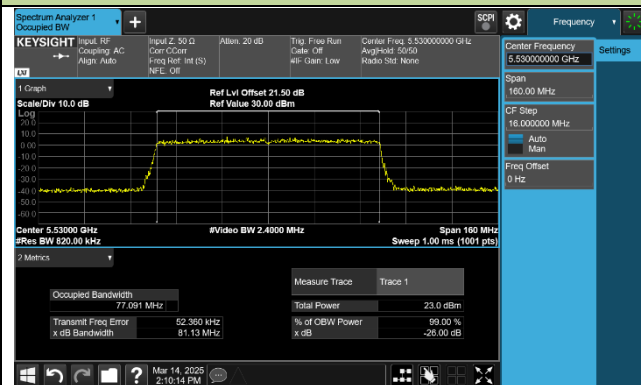
Channel 42 (5210MHz)



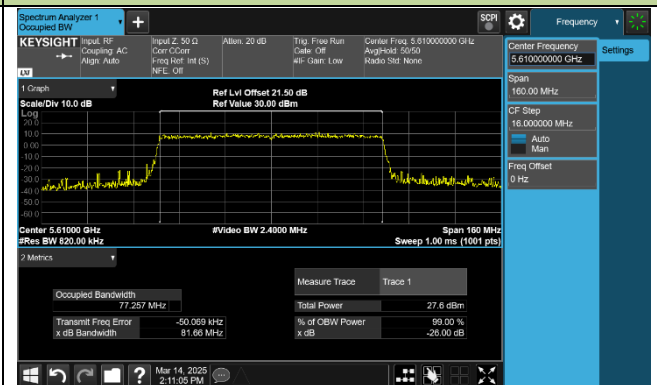
Channel 58 (5290MHz)



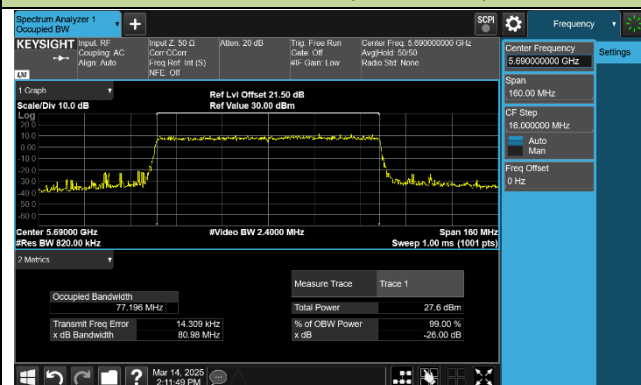
Channel 106 (5530MHz)



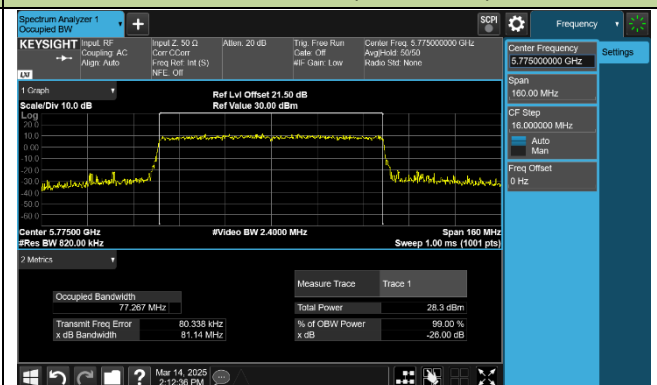
Channel 122 (5610MHz)



Channel 138 (5690MHz)

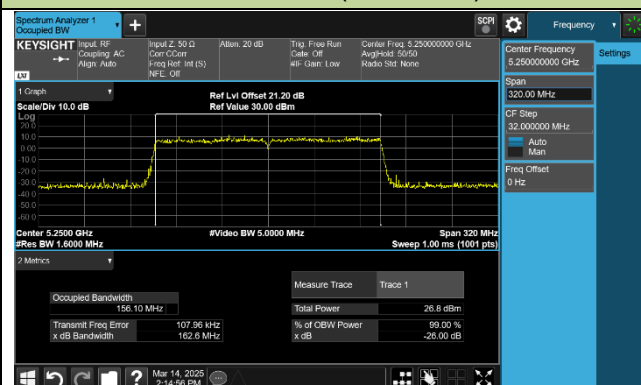


Channel 155 (5775MHz)

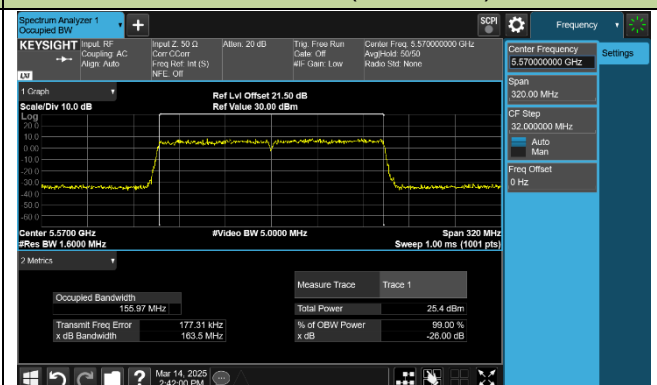


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



7.3. 6dB Bandwidth Measurement

7.3.1. Test Limit

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

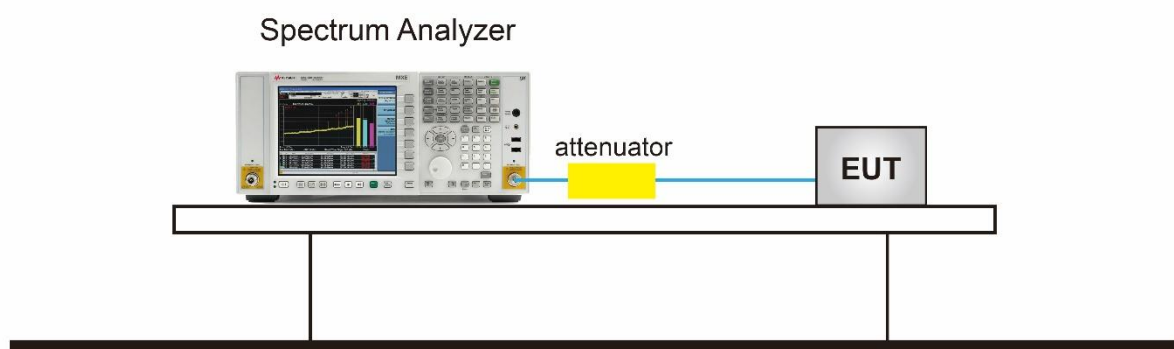
7.3.2. Test Procedure used

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



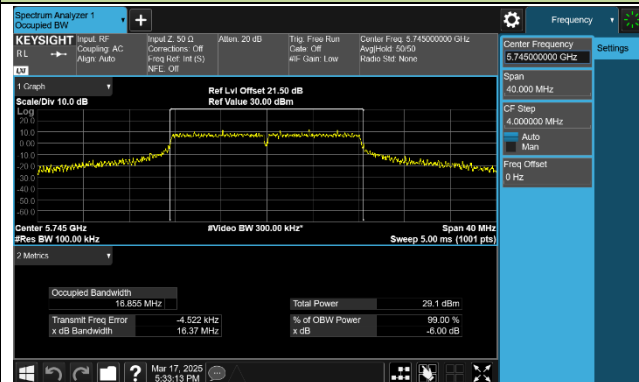
7.3.5.TestResult

Product	BE3600 Wi-Fi 7 Portable Router	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/3/14~2025/3/17

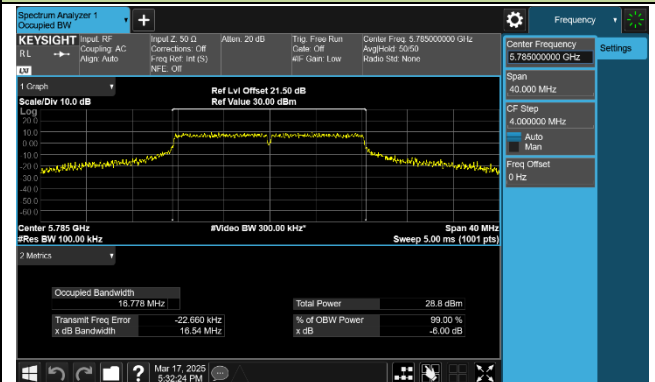
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1						
802.11a	6Mbps	149	5745	16.370	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.540	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.480	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.620	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.620	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.600	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	36.410	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	36.380	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.450	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	18.980	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	18.800	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	18.980	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	37.580	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	37.430	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	77.710	≥ 0.5	Pass
802.11be-EHT20	MCS0	149	5745	18.850	≥ 0.5	Pass
802.11be-EHT20	MCS0	157	5785	19.040	≥ 0.5	Pass
802.11be-EHT20	MCS0	165	5825	18.870	≥ 0.5	Pass
802.11be-EHT40	MCS0	151	5755	37.690	≥ 0.5	Pass
802.11be-EHT40	MCS0	159	5795	37.790	≥ 0.5	Pass
802.11be-EHT80	MCS0	155	5775	77.140	≥ 0.5	Pass

802.11a 6dB Bandwidth

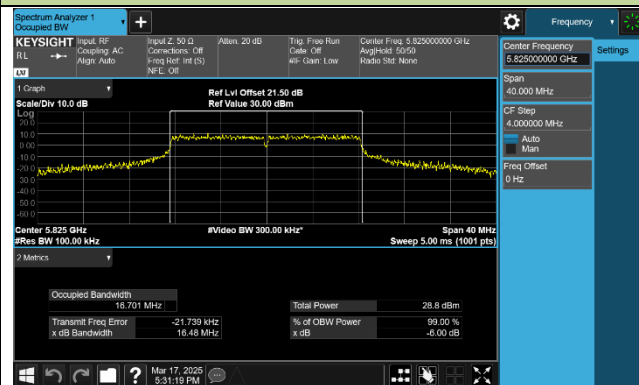
Channel 149 (5745MHz)



Channel 157 (5785MHz)

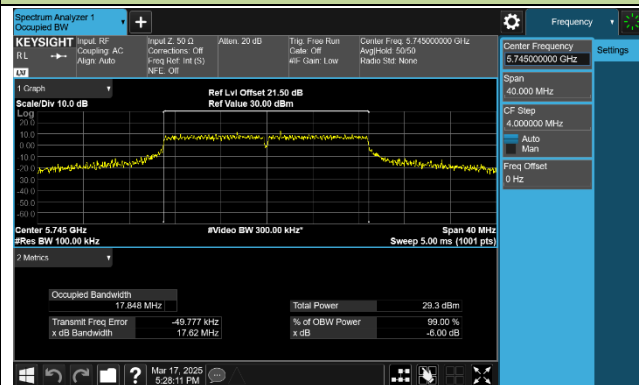


Channel 165 (5825MHz)

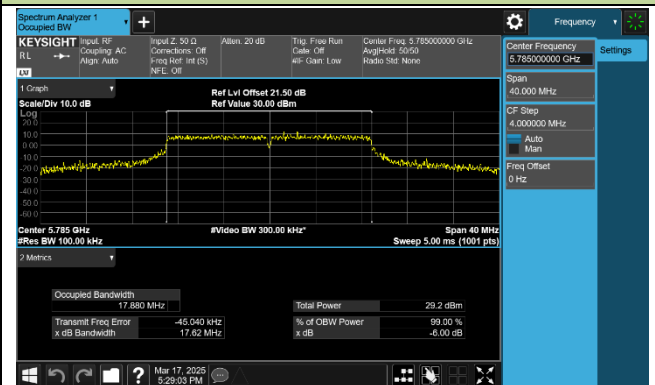


802.11ac-VHT20 6dB Bandwidth

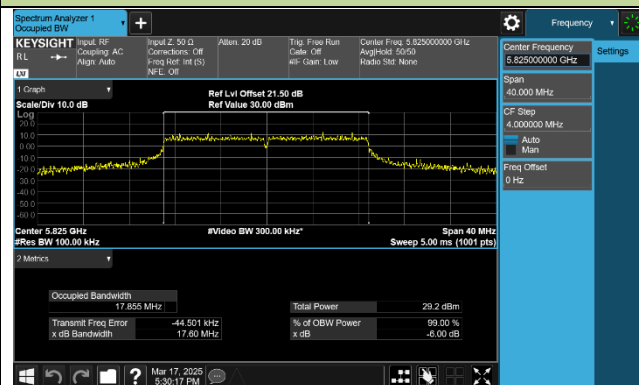
Channel 149 (5745MHz)



Channel 157 (5785MHz)

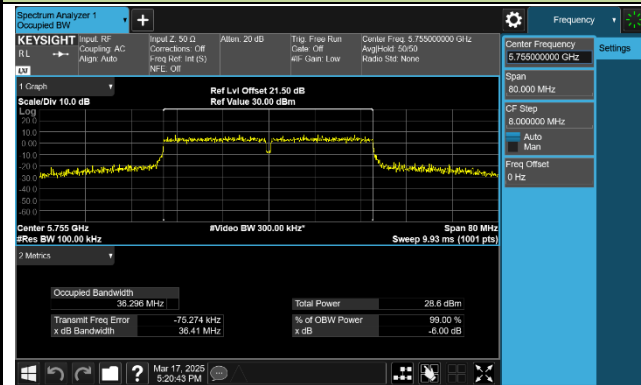


Channel 165 (5825MHz)

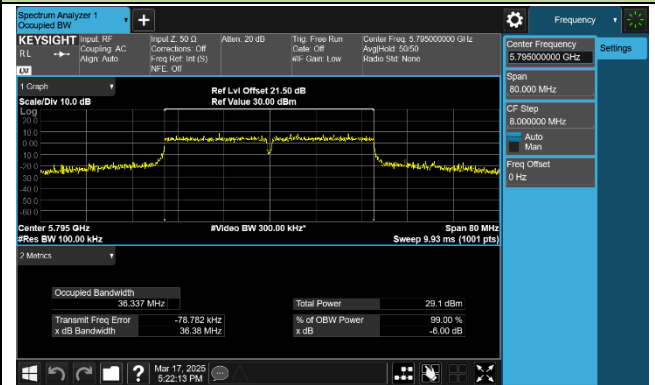


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

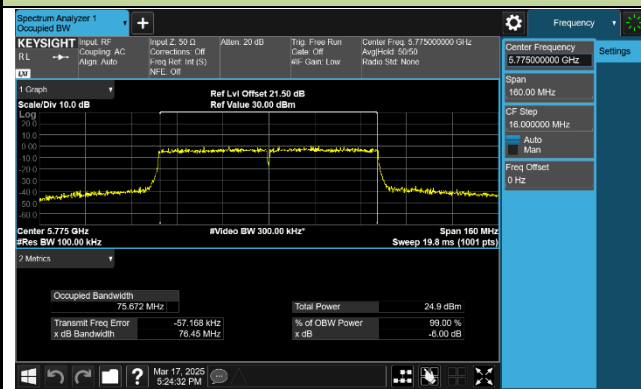


Channel 159 (5795MHz)



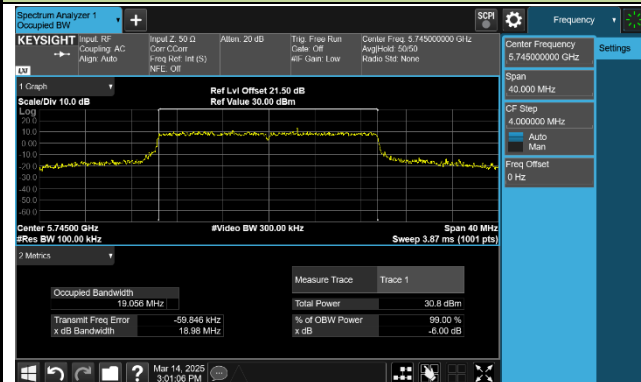
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

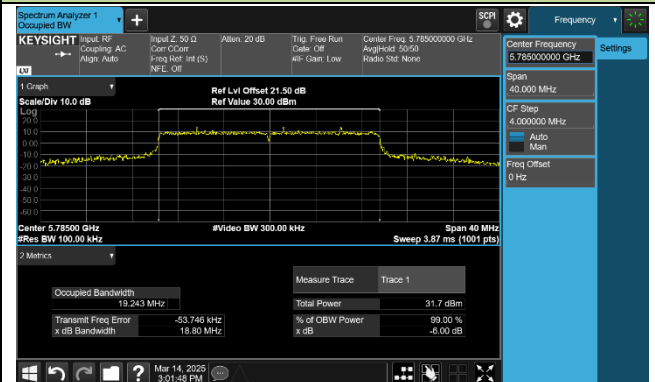


802.11ax-HE20 6dB Bandwidth

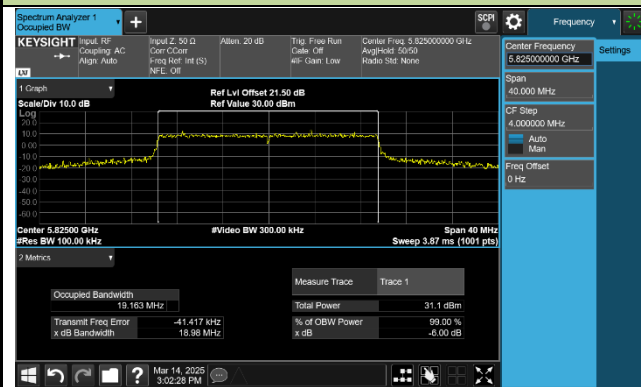
Channel 149 (5745MHz)



Channel 157 (5785MHz)

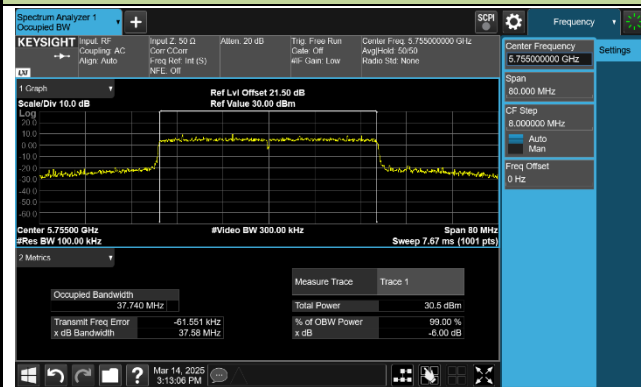


Channel 165 (5825MHz)

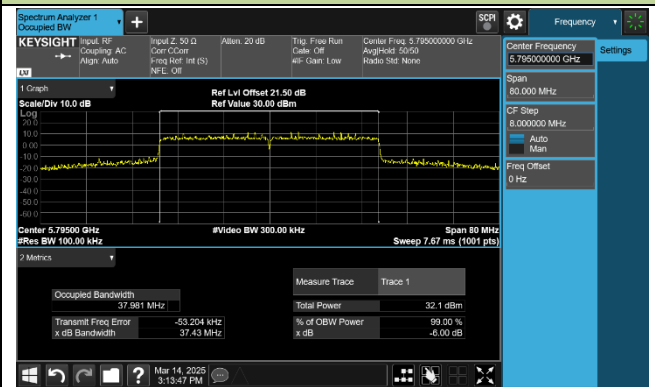


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

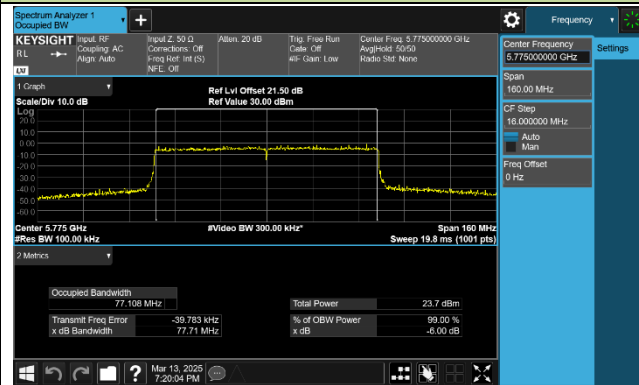


Channel 159 (5795MHz)



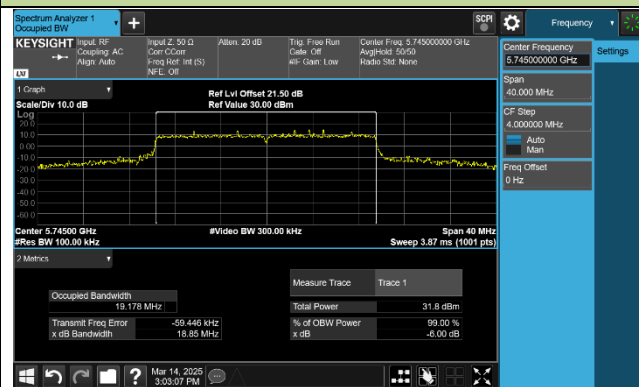
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)

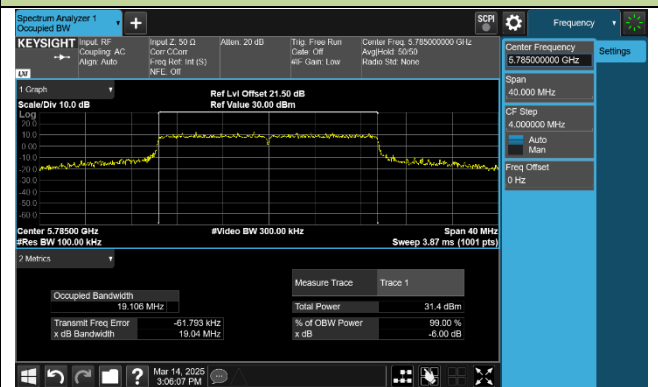


802.11be-EHT20 6dB Bandwidth

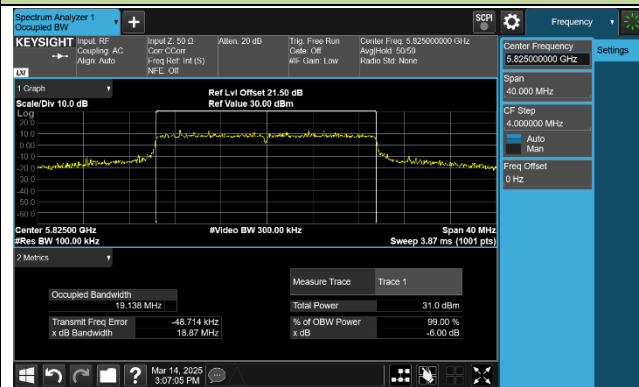
Channel 149 (5745MHz)



Channel 157 (5785MHz)

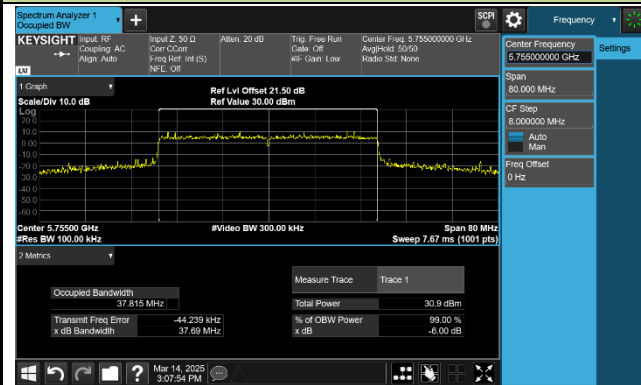


Channel 165 (5825MHz)

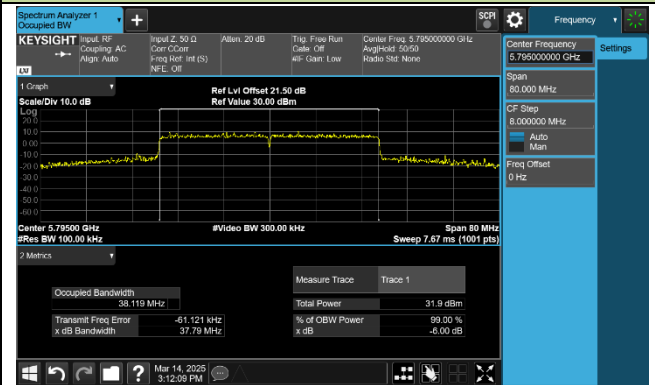


802.11be-EHT 40 6dB Bandwidth

Channel 151 (5755MHz)

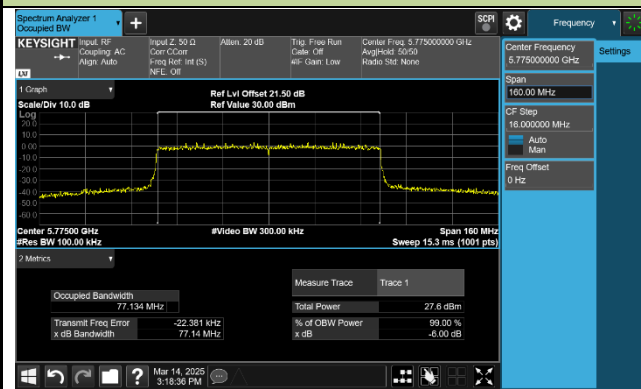


Channel 159 (5795MHz)



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.

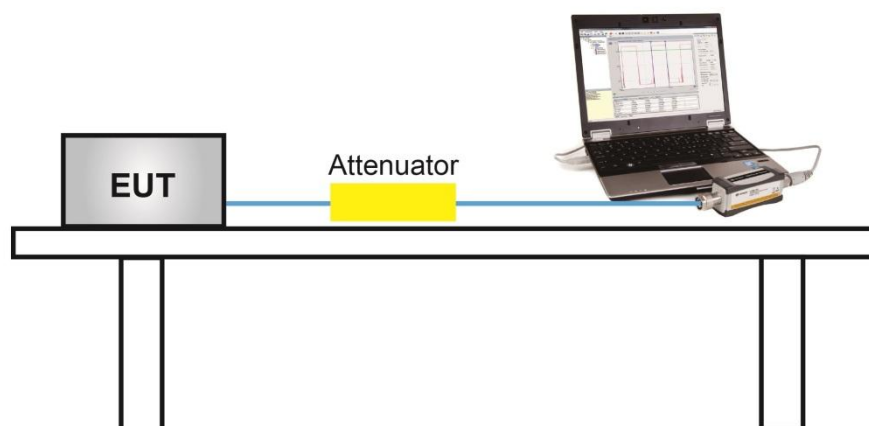
7.4.2. Test Procedure Used

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	BE3600 Wi-Fi 7 Portable Router	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/3/5/~2025/3/14
Test Mode	CDD Mode		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power(dBm)	Average Power Limit (dBm)	Result
11a	6Mbps	36	5180	19.78	20.64	23.24	≤ 30.00	Pass
11a	6Mbps	40	5200	24.51	25.58	28.09	≤ 30.00	Pass
11a	6Mbps	48	5240	24.55	25.75	28.20	≤ 30.00	Pass
11a	6Mbps	52	5260	19.98	20.19	23.10	≤ 23.98	Pass
11a	6Mbps	60	5300	19.62	20.04	22.85	≤ 23.98	Pass
11a	6Mbps	64	5320	19.39	19.88	22.65	≤ 23.98	Pass
11a	6Mbps	100	5500	19.35	19.66	22.52	≤ 23.98	Pass
11a	6Mbps	116	5580	20.06	20.22	23.15	≤ 23.98	Pass
11a	6Mbps	140	5700	17.92	18.37	21.16	≤ 23.98	Pass
11a	6Mbps	144	5720	19.73	19.75	22.75	≤ 22.93	Pass
11a	6Mbps	149	5745	24.88	25.14	28.02	≤ 30.00	Pass
11a	6Mbps	157	5785	25.13	25.38	28.27	≤ 30.00	Pass
11a	6Mbps	165	5825	25.34	25.27	28.32	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	19.55	20.54	23.08	≤ 30.00	Pass
11ac-VHT20	MCS0	40	5200	25.11	25.29	28.21	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	25.01	25.27	28.15	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	20.11	20.68	23.41	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	19.96	20.39	23.19	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	19.83	20.38	23.12	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	19.96	20.39	23.19	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	20.22	20.68	23.47	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	17.47	17.85	20.67	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	20.05	20.04	23.06	≤ 23.10	Pass
11ac-VHT20	MCS0	149	5745	24.96	25.29	28.14	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	25.05	25.50	28.29	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	25.16	25.54	28.36	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power(dBm)	Average Power Limit (dBm)	Result
11ac-VHT40	MCS0	38	5190	17.97	18.47	21.24	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	25.12	25.19	28.17	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	20.39	20.97	23.70	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	18.45	19.21	21.86	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	17.36	17.73	20.56	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	20.79	21.02	23.92	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	20.42	20.82	23.63	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	20.78	20.96	23.88	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	24.19	25.57	27.94	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	24.80	25.51	28.18	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	18.79	19.48	22.16	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	18.66	19.19	21.94	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	17.38	18.16	20.80	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	20.77	20.60	23.70	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.72	20.56	23.65	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	22.37	22.42	25.41	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	18.34	18.92	21.65	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	17.27	17.59	20.44	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	19.81	20.47	23.16	≤ 30.00	Pass
11ax-HE20	MCS0	40	5200	24.91	25.04	27.99	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	24.86	25.18	28.03	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	20.47	20.55	23.52	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	20.36	20.67	23.53	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	20.46	20.68	23.58	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	20.33	20.32	23.34	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	20.65	20.86	23.77	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	16.83	16.95	19.90	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	19.80	19.88	22.85	≤ 22.94	Pass
11ax-HE20	MCS0	149	5745	25.25	25.42	28.35	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	25.37	25.42	28.41	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	25.35	25.27	28.32	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power(dBm)	Average Power Limit (dBm)	Result
11ax-HE40	MCS0	38	5190	18.48	18.81	21.66	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	25.23	25.11	28.18	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	20.47	21.07	23.79	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	18.82	19.58	22.23	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	17.82	18.05	20.95	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	20.53	21.13	23.85	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	20.18	20.33	23.27	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	20.54	20.98	23.78	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	23.72	24.69	27.24	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	24.86	25.44	28.17	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	18.11	18.72	21.44	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	18.11	18.34	21.24	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	16.05	16.65	19.37	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.95	20.67	23.82	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	21.12	20.66	23.91	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	21.82	21.72	24.78	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	19.44	20.03	22.76	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	18.42	18.66	21.55	≤ 23.98	Pass
11be-EHT20	MCS0	36	5180	19.82	20.64	23.26	≤ 30.00	Pass
11be-EHT20	MCS0	40	5200	24.11	25.11	27.65	≤ 30.00	Pass
11be-EHT20	MCS0	48	5240	25.06	25.10	28.09	≤ 30.00	Pass
11be-EHT20	MCS0	52	5260	20.52	20.59	23.57	≤ 23.98	Pass
11be-EHT20	MCS0	60	5300	20.44	20.69	23.58	≤ 23.98	Pass
11be-EHT20	MCS0	64	5320	20.42	20.65	23.55	≤ 23.98	Pass
11be-EHT20	MCS0	100	5500	19.88	19.90	22.90	≤ 23.98	Pass
11be-EHT20	MCS0	116	5580	20.69	20.78	23.75	≤ 23.98	Pass
11be-EHT20	MCS0	140	5700	16.90	16.91	19.92	≤ 23.98	Pass
11be-EHT20	MCS0	144	5720	19.79	19.84	22.83	≤ 22.96	Pass
11be-EHT20	MCS0	149	5745	25.28	25.53	28.42	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	25.29	25.44	28.38	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	25.35	25.25	28.31	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Average Power Limit (dBm)	Result
11be-EHT40	MCS0	38	5190	17.65	18.08	20.88	≤ 30.00	Pass
11be-EHT40	MCS0	46	5230	25.19	25.17	28.19	≤ 30.00	Pass
11be-EHT40	MCS0	54	5270	20.47	21.10	23.81	≤ 23.98	Pass
11be-EHT40	MCS0	62	5310	18.30	18.86	21.60	≤ 23.98	Pass
11be-EHT40	MCS0	102	5510	17.49	17.43	20.47	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.65	20.85	23.76	≤ 23.98	Pass
11be-EHT40	MCS0	134	5670	19.60	19.90	22.76	≤ 23.98	Pass
11be-EHT40	MCS0	142	5710	20.62	20.94	23.79	≤ 23.98	Pass
11be-EHT40	MCS0	151	5755	24.02	25.13	27.62	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	24.73	25.53	28.16	≤ 30.00	Pass
11be-EHT80	MCS0	42	5210	17.28	17.82	20.57	≤ 30.00	Pass
11be-EHT80	MCS0	58	5290	18.01	18.13	21.08	≤ 23.98	Pass
11be-EHT80	MCS0	106	5530	15.82	16.44	19.15	≤ 23.98	Pass
11be-EHT80	MCS0	122	5610	21.04	20.77	23.92	≤ 23.98	Pass
11be-EHT80	MCS0	138	5690	20.96	20.80	23.89	≤ 23.98	Pass
11be-EHT80	MCS0	155	5775	21.63	21.50	24.58	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	19.09	19.43	22.27	≤ 23.98	Pass
11be-EHT160	MCS0	114	5570	18.11	17.98	21.06	≤ 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) = $11 + 10 \cdot \log(5\text{MHz} + \text{BW}_{26\text{dBc}}/2)$

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.

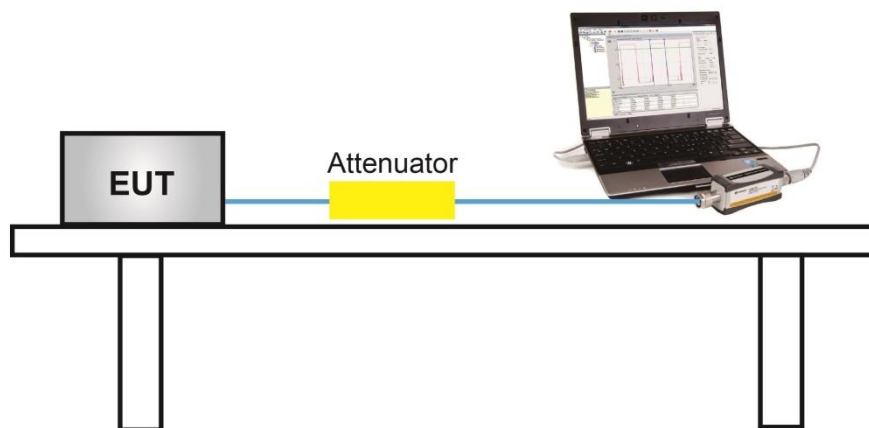
7.5.2. Test Procedure Used

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.

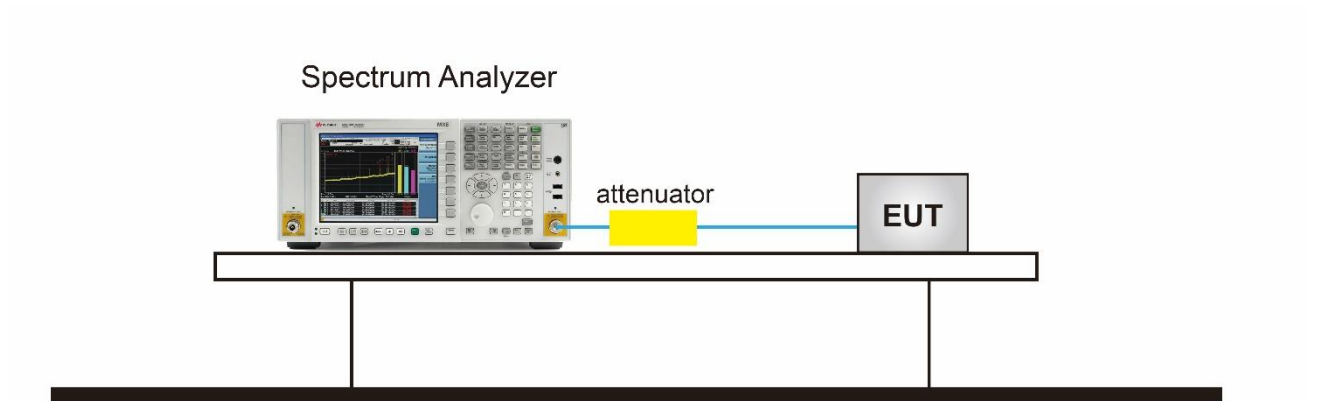
7.6.2. Test Procedure Used

KDB 789033 D02v02r01-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 $\geq 2 \times (\text{span} / \text{RBW})$
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	BE3600 Wi-Fi 7 Portable Router	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/3/5~2025/3/17
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	7.864	8.405	97.64%	11.257	≤ 17.00	Pass
11a	6Mbps	40	5200	12.013	12.940	97.64%	15.615	≤ 17.00	Pass
11a	6Mbps	48	5240	12.201	13.190	97.64%	15.837	≤ 17.00	Pass
11a	6Mbps	52	5260	7.939	7.683	97.64%	10.927	≤ 11.00	Pass
11a	6Mbps	60	5300	8.036	7.590	97.64%	10.933	≤ 11.00	Pass
11a	6Mbps	64	5320	7.852	7.650	97.64%	10.866	≤ 11.00	Pass
11a	6Mbps	100	5500	7.465	7.304	97.64%	10.499	≤ 11.00	Pass
11a	6Mbps	116	5580	7.635	7.669	97.64%	10.766	≤ 11.00	Pass
11a	6Mbps	140	5700	5.983	5.961	97.64%	9.086	≤ 11.00	Pass
11a	6Mbps	144	5720	7.335	7.386	97.64%	10.474	≤ 11.00	Pass
11ac-VHT20	MCS0	36	5180	6.960	7.839	98.14%	10.514	≤ 17.00	Pass
11ac-VHT20	MCS0	40	5200	12.841	13.446	98.14%	16.246	≤ 17.00	Pass
11ac-VHT20	MCS0	48	5240	13.265	14.244	98.14%	16.874	≤ 17.00	Pass
11ac-VHT20	MCS0	52	5260	7.905	7.596	98.14%	10.845	≤ 11.00	Pass
11ac-VHT20	MCS0	60	5300	7.758	7.663	98.14%	10.803	≤ 11.00	Pass
11ac-VHT20	MCS0	64	5320	7.785	7.824	98.14%	10.896	≤ 11.00	Pass
11ac-VHT20	MCS0	100	5500	7.621	7.518	98.14%	10.662	≤ 11.00	Pass
11ac-VHT20	MCS0	116	5580	7.655	7.787	98.14%	10.813	≤ 11.00	Pass
11ac-VHT20	MCS0	140	5700	5.024	5.192	98.14%	8.201	≤ 11.00	Pass
11ac-VHT20	MCS0	144	5720	7.273	7.349	98.14%	10.403	≤ 11.00	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-VHT40	MCS0	38	5190	2.284	2.856	97.32%	5.708	≤ 17.00	Pass
11ac-VHT40	MCS0	46	5230	9.853	10.823	97.32%	13.493	≤ 17.00	Pass
11ac-VHT40	MCS0	54	5270	4.872	5.796	97.32%	8.487	≤ 11.00	Pass
11ac-VHT40	MCS0	62	5310	3.342	4.088	97.32%	6.859	≤ 11.00	Pass
11ac-VHT40	MCS0	102	5510	1.930	2.035	97.32%	5.111	≤ 11.00	Pass
11ac-VHT40	MCS0	110	5550	5.245	5.558	97.32%	8.533	≤ 11.00	Pass
11ac-VHT40	MCS0	134	5670	4.863	5.475	97.32%	8.308	≤ 11.00	Pass
11ac-VHT40	MCS0	142	5710	5.136	5.509	97.32%	8.455	≤ 11.00	Pass
11ac-VHT80	MCS0	42	5210	0.110	0.940	97.04%	3.686	≤ 17.00	Pass
11ac-VHT80	MCS0	58	5290	0.628	1.225	97.04%	4.078	≤ 11.00	Pass
11ac-VHT80	MCS0	106	5530	-1.076	-0.418	97.04%	2.406	≤ 11.00	Pass
11ac-VHT80	MCS0	122	5610	2.596	2.347	97.04%	5.614	≤ 11.00	Pass
11ac-VHT80	MCS0	138	5690	2.444	2.023	97.04%	5.380	≤ 11.00	Pass
11ac-VHT160	MCS0	50	5250	-2.869	-1.886	96.99%	0.793	≤ 11.00	Pass
11ac-VHT160	MCS0	114	5570	-4.101	-3.753	96.99%	-0.780	≤ 11.00	Pass
11ax-HE20	MCS0	36	5180	6.947	8.233	97.37%	10.763	≤ 17.00	Pass
11ax-HE20	MCS0	40	5200	12.750	13.883	97.37%	16.479	≤ 17.00	Pass
11ax-HE20	MCS0	48	5240	12.839	14.108	97.37%	16.646	≤ 17.00	Pass
11ax-HE20	MCS0	52	5260	7.689	7.662	97.37%	10.801	≤ 11.00	Pass
11ax-HE20	MCS0	60	5300	7.832	7.761	97.37%	10.922	≤ 11.00	Pass
11ax-HE20	MCS0	64	5320	7.774	7.770	97.37%	10.898	≤ 11.00	Pass
11ax-HE20	MCS0	100	5500	7.695	7.754	97.37%	10.850	≤ 11.00	Pass
11ax-HE20	MCS0	116	5580	7.695	7.624	97.37%	10.785	≤ 11.00	Pass
11ax-HE20	MCS0	140	5700	4.511	4.444	97.37%	7.603	≤ 11.00	Pass
11ax-HE20	MCS0	144	5720	7.752	7.912	97.37%	10.959	≤ 11.00	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
11ax-HE40	MCS0	38	5190	3.207	3.419	97.58%	6.431	≤ 17.00	Pass
11ax-HE40	MCS0	46	5230	10.184	10.930	97.58%	13.690	≤ 17.00	Pass
11ax-HE40	MCS0	54	5270	5.232	6.532	97.58%	9.047	≤ 11.00	Pass
11ax-HE40	MCS0	62	5310	3.654	4.792	97.58%	7.377	≤ 11.00	Pass
11ax-HE40	MCS0	102	5510	2.321	2.739	97.58%	5.652	≤ 11.00	Pass
11ax-HE40	MCS0	110	5550	5.256	5.855	97.58%	8.682	≤ 11.00	Pass
11ax-HE40	MCS0	134	5670	4.537	5.071	97.58%	7.929	≤ 11.00	Pass
11ax-HE40	MCS0	142	5710	5.231	5.770	97.58%	8.626	≤ 11.00	Pass
11ax-HE80	MCS0	42	5210	-0.421	0.345	97.19%	3.113	≤ 17.00	Pass
11ax-HE80	MCS0	58	5290	0.094	0.411	97.19%	3.389	≤ 11.00	Pass
11ax-HE80	MCS0	106	5530	-2.665	-1.846	97.19%	0.898	≤ 11.00	Pass
11ax-HE80	MCS0	122	5610	2.307	2.201	97.19%	5.388	≤ 11.00	Pass
11ax-HE80	MCS0	122	5690	2.594	2.545	97.19%	5.704	≤ 11.00	Pass
11ax-HE160	MCS0	50	5250	-1.533	-1.010	98.46%	1.814	≤ 11.00	Pass
11ax-HE160	MCS0	114	5570	-3.035	-2.574	98.46%	0.279	≤ 11.00	Pass
11be-EHT20	MCS0	36	5180	6.745	8.032	97.61%	10.551	≤ 17.00	Pass
11be-EHT20	MCS0	40	5200	11.282	12.334	97.61%	14.955	≤ 17.00	Pass
11be-EHT20	MCS0	48	5240	13.051	13.978	97.61%	16.654	≤ 17.00	Pass
11be-EHT20	MCS0	52	5260	7.657	7.810	97.61%	10.849	≤ 11.00	Pass
11be-EHT20	MCS0	60	5300	7.745	7.811	97.61%	10.893	≤ 11.00	Pass
11be-EHT20	MCS0	64	5320	7.770	7.805	97.61%	10.903	≤ 11.00	Pass
11be-EHT20	MCS0	100	5500	7.345	7.397	97.61%	10.486	≤ 11.00	Pass
11be-EHT20	MCS0	116	5580	7.623	7.901	97.61%	10.879	≤ 11.00	Pass
11be-EHT20	MCS0	140	5700	4.307	4.594	97.61%	7.568	≤ 11.00	Pass
11be-EHT20	MCS0	144	5720	7.601	7.612	97.61%	10.722	≤ 11.00	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-EHT40	MCS0	38	5190	2.563	2.499	98.33%	5.615	≤ 17.00	Pass
11be-EHT40	MCS0	46	5230	10.503	10.920	98.33%	13.800	≤ 17.00	Pass
11be-EHT40	MCS0	54	5270	5.468	6.445	98.33%	9.067	≤ 11.00	Pass
11be-EHT40	MCS0	62	5310	3.052	3.949	98.33%	6.607	≤ 11.00	Pass
11be-EHT40	MCS0	102	5510	1.752	2.119	98.33%	5.023	≤ 11.00	Pass
11be-EHT40	MCS0	110	5550	5.448	4.912	98.33%	8.272	≤ 11.00	Pass
11be-EHT40	MCS0	134	5670	4.309	4.426	98.33%	7.451	≤ 11.00	Pass
11be-EHT40	MCS0	142	5710	5.164	5.720	98.33%	8.534	≤ 11.00	Pass
11be-EHT80	MCS0	42	5210	-0.929	-0.083	97.40%	2.640	≤ 17.00	Pass
11be-EHT80	MCS0	58	5290	-0.171	0.519	97.40%	3.313	≤ 11.00	Pass
11be-EHT80	MCS0	106	5530	-2.659	-1.602	97.40%	1.027	≤ 11.00	Pass
11be-EHT80	MCS0	122	5610	3.050	2.939	97.40%	6.120	≤ 11.00	Pass
11be-EHT80	MCS0	138	5690	3.097	3.152	97.40%	6.250	≤ 11.00	Pass
11be-EHT160	MCS0	50	5250	-1.968	-1.411	98.32%	1.403	≤ 11.00	Pass
11be-EHT160	MCS0	114	5570	-2.947	-2.207	98.32%	0.523	≤ 11.00	Pass

Note 1: Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\} + 10 \cdot \log (1/\text{Duty Cycle})(\text{dBm/MHz})$.

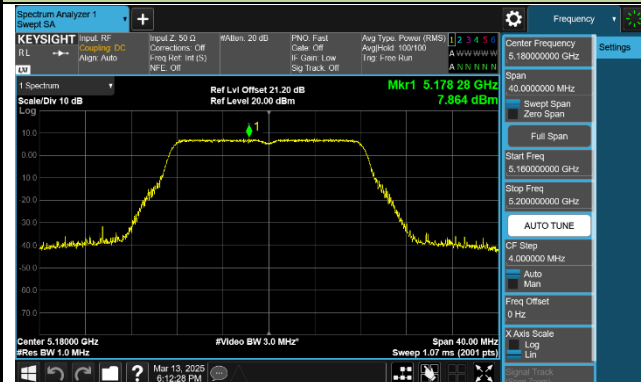
Product	BE3600 Wi-Fi 7 Portable Router	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/3/5~2025/3/14
Test Item	Power Spectral Density (U-NII-3) CDD Mode		

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	9.488	10.669	97.64%	13.232	≤ 30.00	Pass
11a	6Mbps	157	5785	9.992	10.893	97.64%	13.580	≤ 30.00	Pass
11a	6Mbps	165	5825	10.198	11.028	97.64%	13.747	≤ 30.00	Pass
11ac-VHT20	MCS0	149	5745	9.223	10.421	98.14%	12.955	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	9.542	10.666	98.14%	13.232	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	9.988	10.713	98.14%	13.458	≤ 30.00	Pass
11ac-VHT40	MCS0	151	5755	5.896	7.129	97.32%	9.684	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	6.799	7.755	97.32%	10.432	≤ 30.00	Pass
11ac-VHT80	MCS0	155	5775	1.291	1.407	97.04%	4.490	≤ 30.00	Pass
11ax-HE20	MCS0	149	5745	9.929	11.155	97.37%	13.711	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	9.973	11.119	97.37%	13.710	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	9.864	10.686	97.37%	13.420	≤ 30.00	Pass
11ax-HE40	MCS0	151	5755	5.579	6.409	97.58%	9.130	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	6.640	7.859	97.58%	10.409	≤ 30.00	Pass
11ax-HE80	MCS0	155	5775	1.037	0.503	97.19%	3.912	≤ 30.00	Pass
11be-EHT20	MCS0	149	5745	9.779	11.329	97.61%	13.738	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	9.975	11.077	97.61%	13.676	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	9.753	10.461	97.61%	13.237	≤ 30.00	Pass
11be-EHT40	MCS0	151	5755	6.121	7.205	98.33%	9.780	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	6.392	7.887	98.33%	10.287	≤ 30.00	Pass
11be-EHT80	MCS0	155	5775	-2.947	-2.207	98.32%	0.523	≤ 30.00	Pass

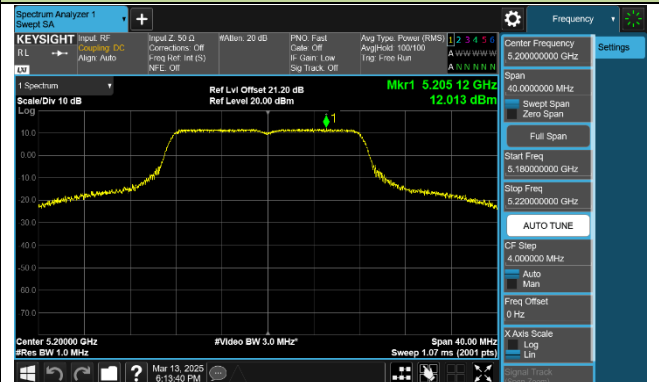
Note 1: The total PSD (dBm/510kHz) = $10 \cdot \log \{ 10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} \}$ (dBm/510kHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

802.11a Power Spectral Density - Ant 0

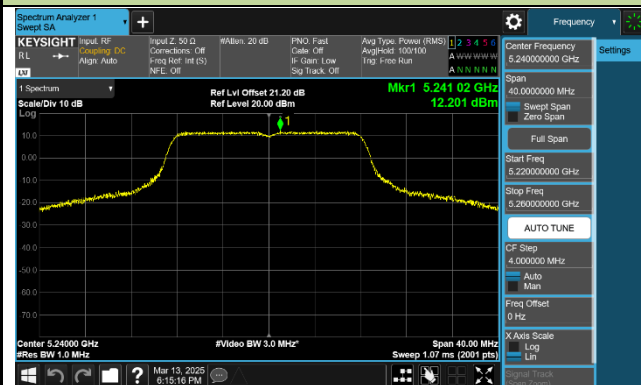
Channel 36 (5180MHz)



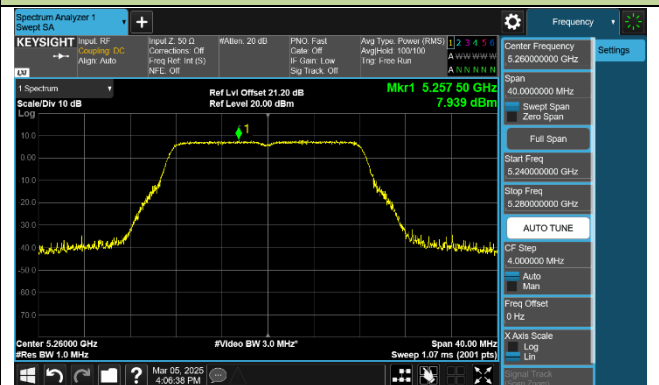
Channel 40 (5200MHz)



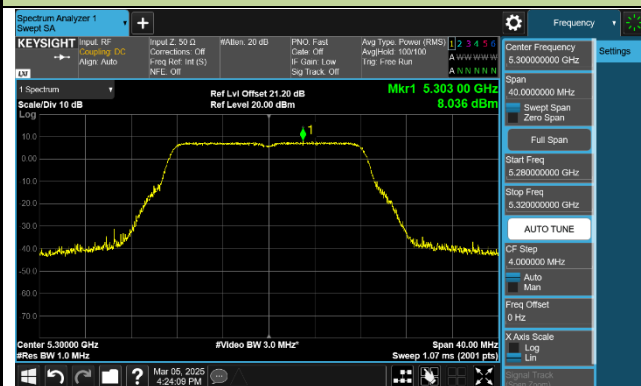
Channel 48 (5240MHz)



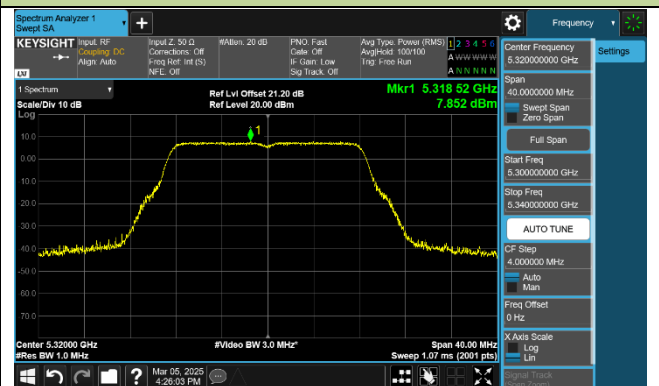
Channel 52 (5260MHz)



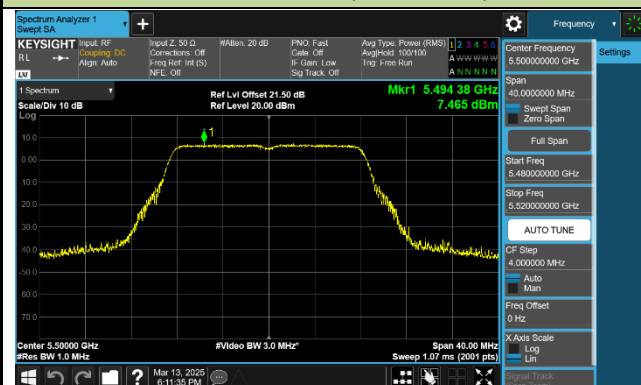
Channel 60 (5300MHz)



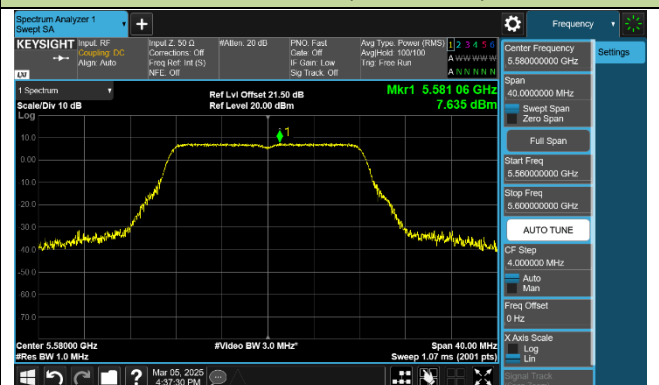
Channel 64 (5320MHz)

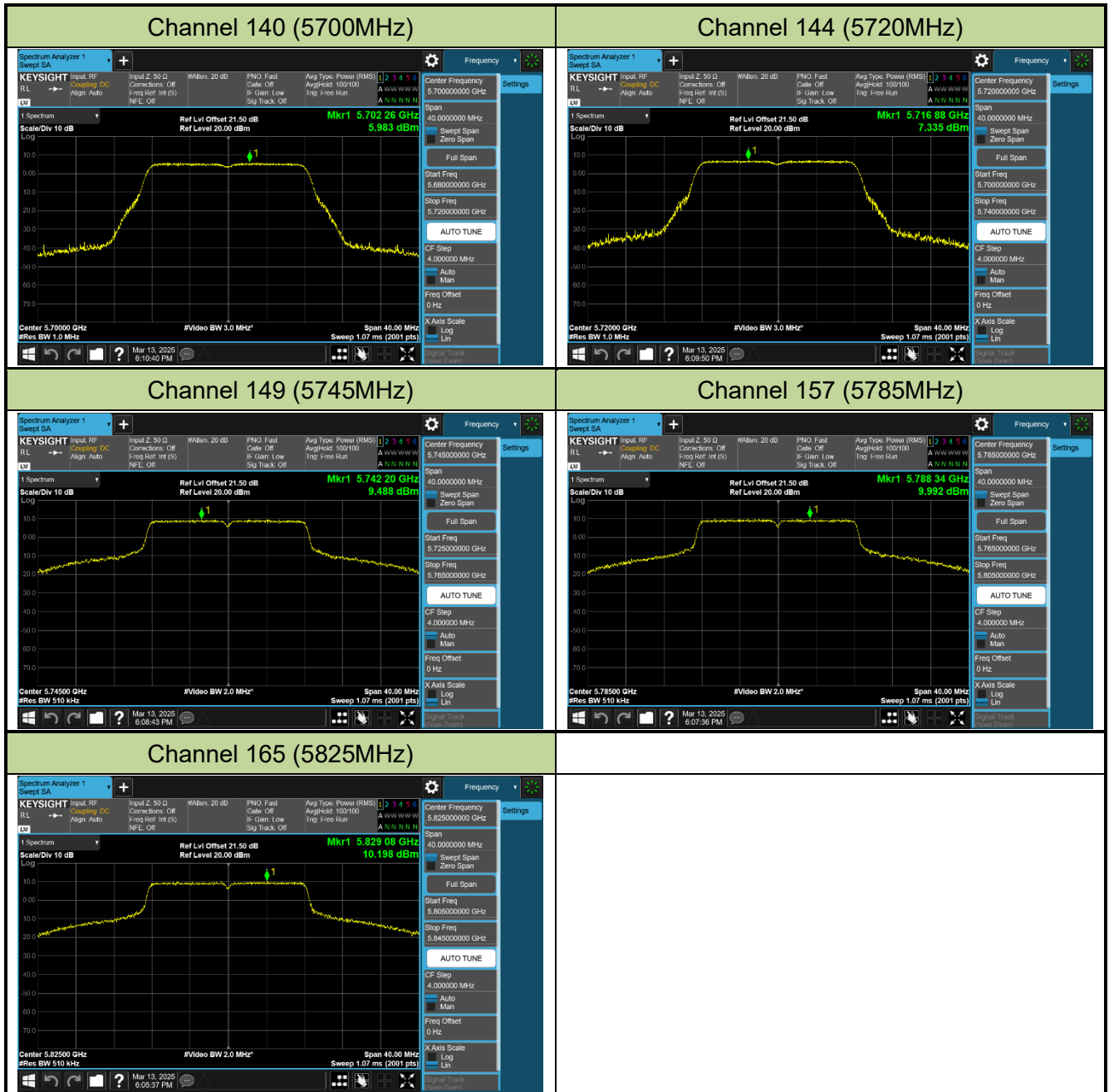


Channel 100 (5500MHz)



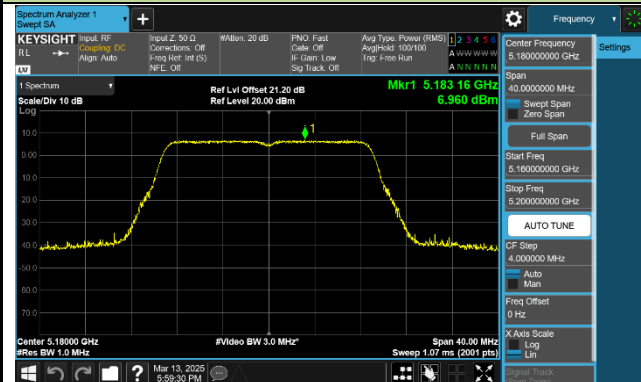
Channel 116 (5580MHz)



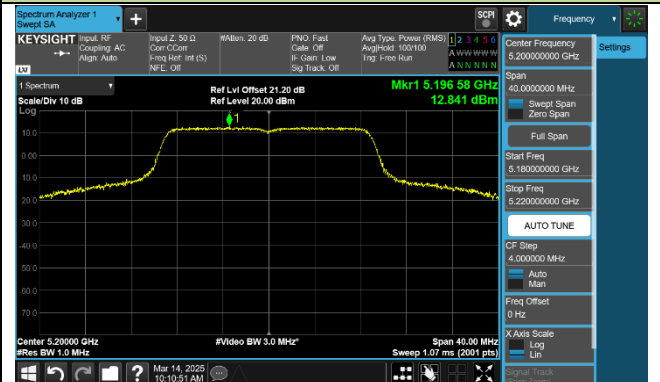


802.11ac-VHT20 Power Spectral Density - Ant 0

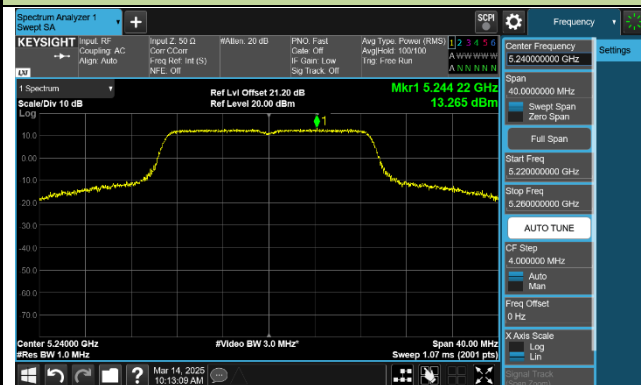
Channel 36 (5180MHz)



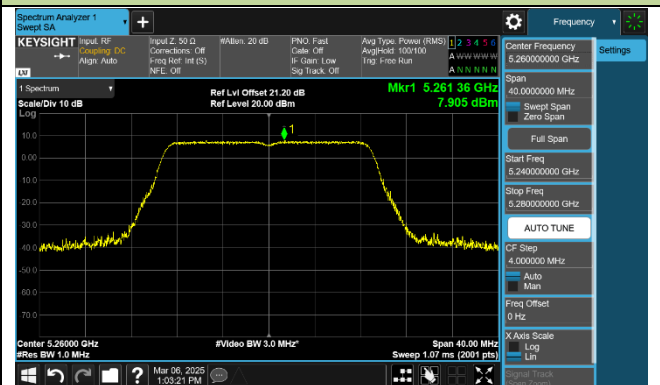
Channel 40 (5200MHz)



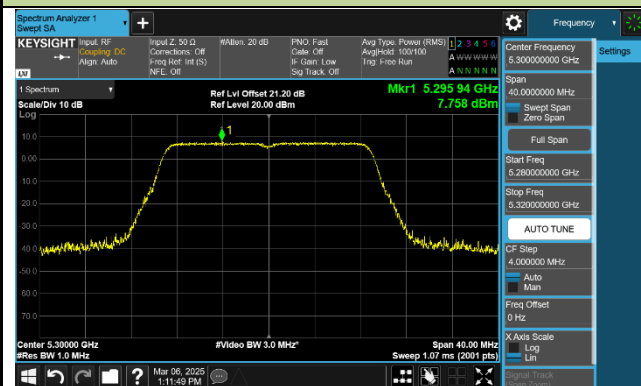
Channel 48 (5240MHz)



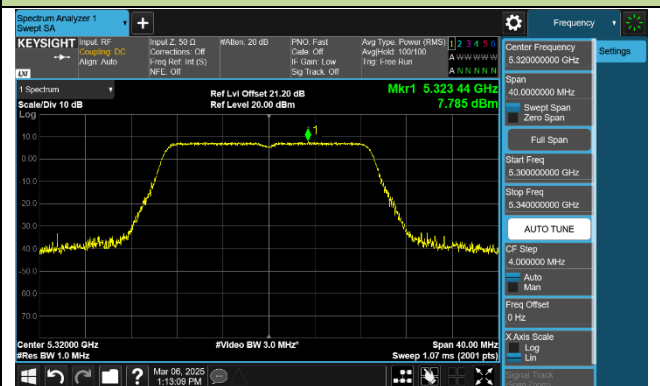
Channel 52 (5260MHz)



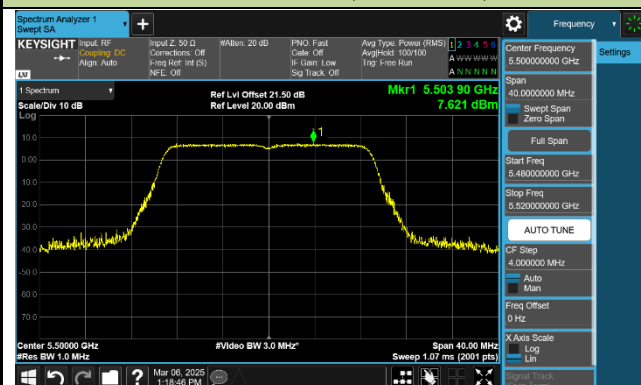
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

