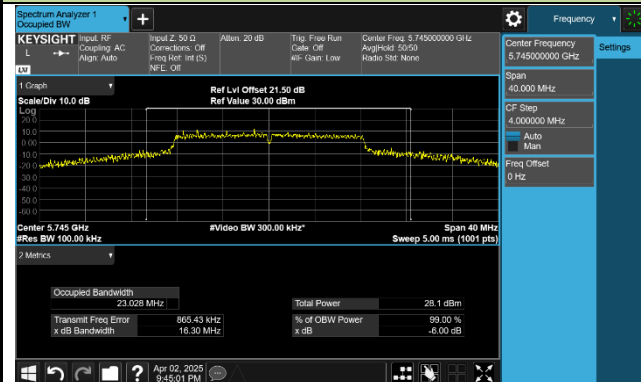
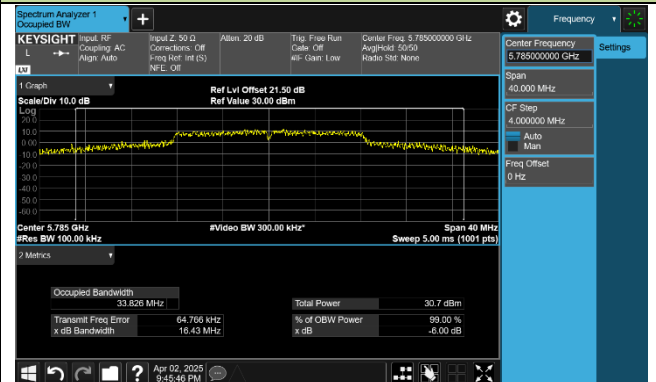


802.11a 6dB Bandwidth

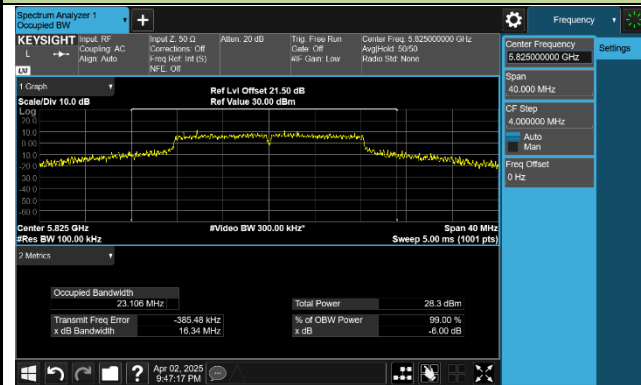
Channel 149 (5745MHz)



Channel 157 (5785MHz)

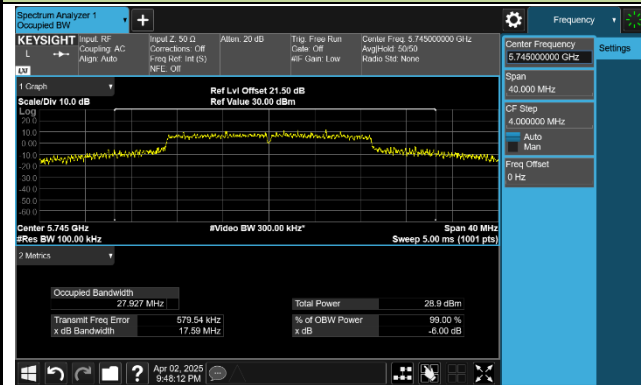


Channel 165 (5825MHz)

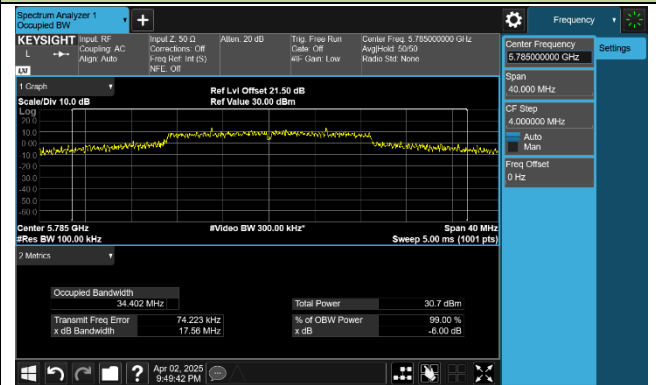


802.11ac-VHT20 6dB Bandwidth

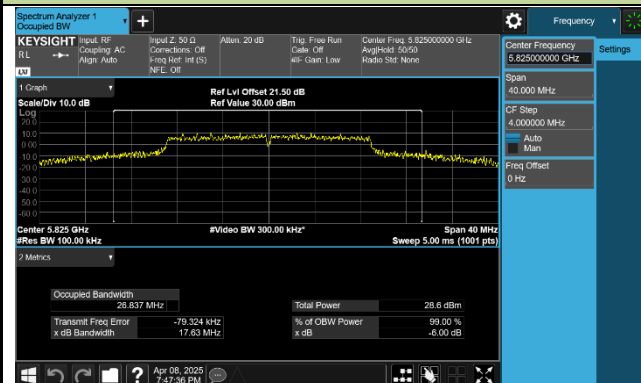
Channel 149 (5745MHz)



Channel 157 (5785MHz)

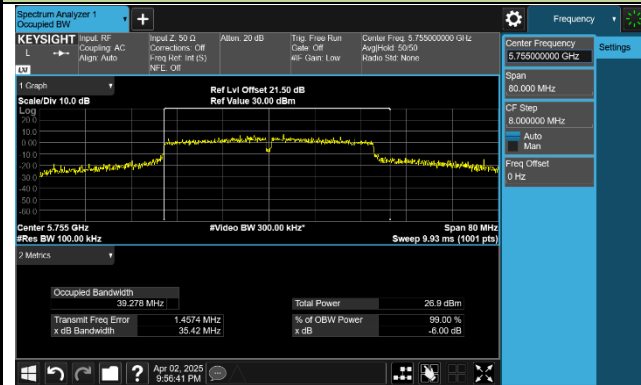


Channel 165 (5825MHz)

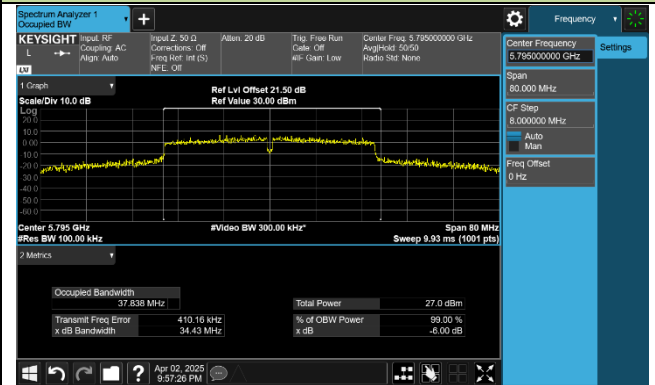


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

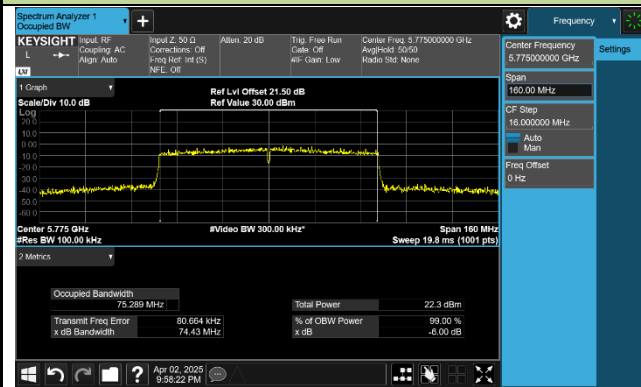


Channel 159 (5795MHz)



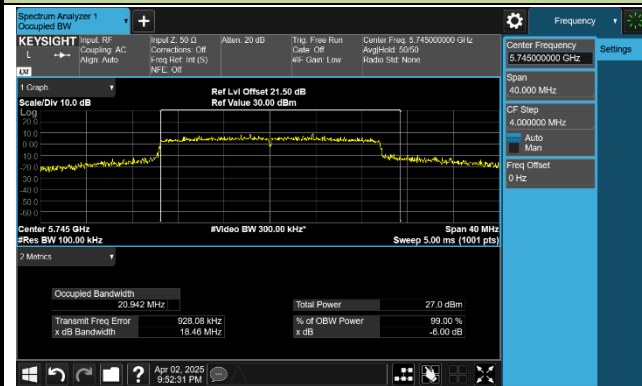
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

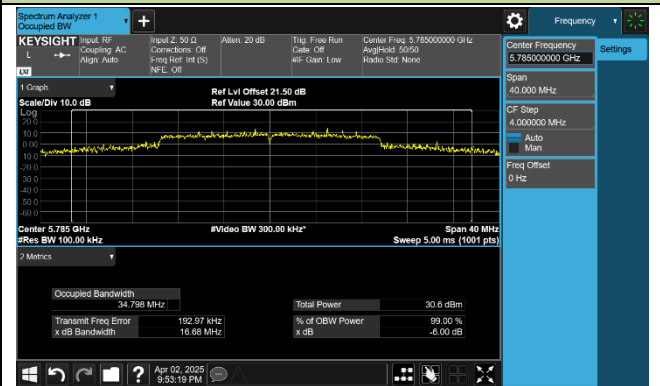


802.11ax-HE20 6dB Bandwidth

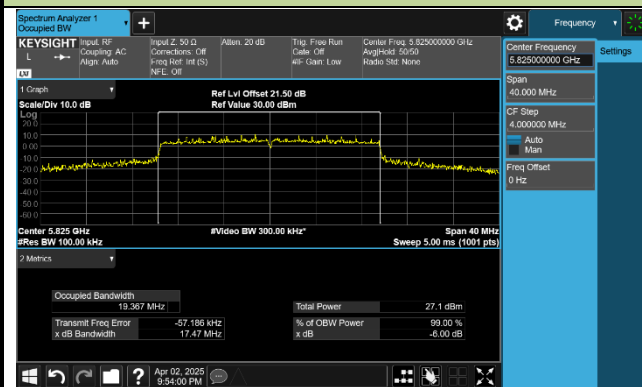
Channel 149 (5745MHz)



Channel 157 (5785MHz)

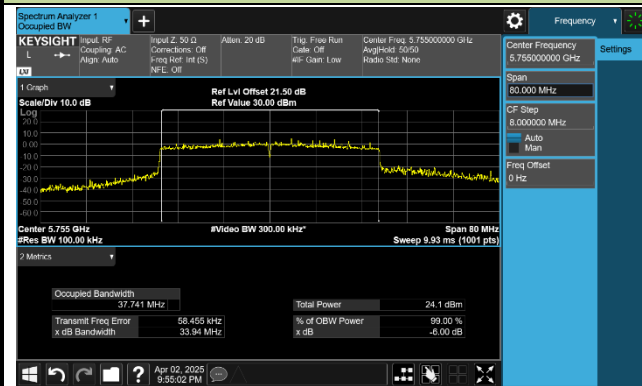


Channel 165 (5825MHz)

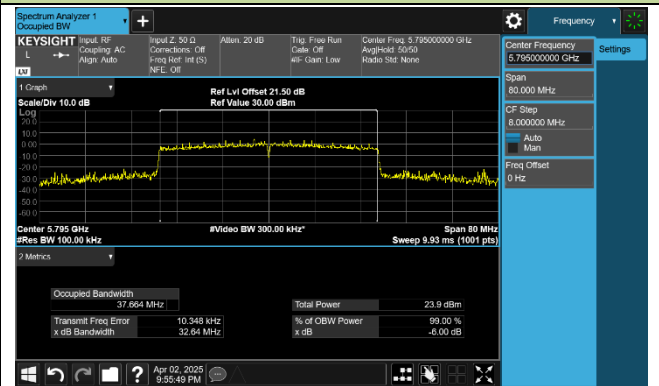


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

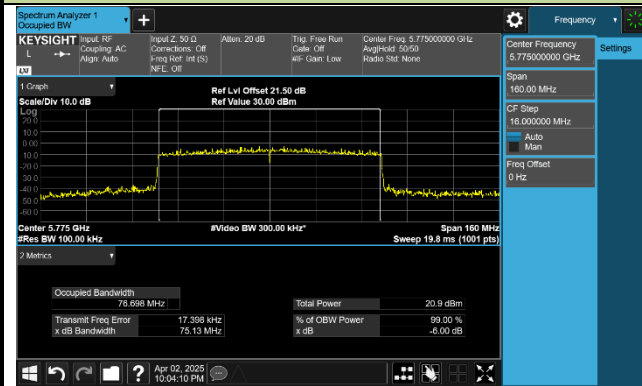


Channel 159 (5795MHz)



802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)



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.

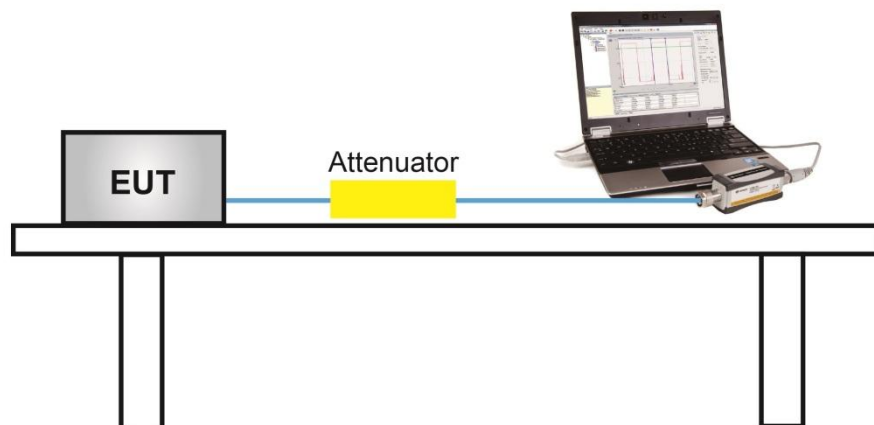
7.4.2. Test Procedure Used

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	AX3000 Wi-Fi 6 Smart Access Point	Temperature	25°C
Test Engineer	Owen	Relative Humidity	54%
Test Site	SR6	Test Date	2025/3/19~2025/4/14

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
CDD Mode								
11a	6Mbps	36	5180	21.26	21.44	24.36	≤ 30.00	Pass
11a	6Mbps	40	5200	21.93	22.00	24.98	≤ 30.00	Pass
11a	6Mbps	48	5240	22.01	22.09	25.06	≤ 30.00	Pass
11a	6Mbps	52	5260	16.44	16.65	19.56	≤ 23.92	Pass
11a	6Mbps	60	5300	16.26	16.40	19.34	≤ 23.92	Pass
11a	6Mbps	64	5320	16.05	16.48	19.28	≤ 23.92	Pass
11a	6Mbps	100	5500	16.01	16.19	19.11	≤ 23.95	Pass
11a	6Mbps	116	5580	16.20	16.56	19.39	≤ 23.95	Pass
11a	6Mbps	140	5700	16.03	16.08	19.07	≤ 23.95	Pass
11a	6Mbps	144	5720	16.31	16.42	19.38	≤ 22.81	Pass
11a	6Mbps	149	5745	24.00	24.62	27.33	≤ 30.00	Pass
11a	6Mbps	157	5785	25.90	26.15	29.04	≤ 30.00	Pass
11a	6Mbps	165	5825	23.96	24.33	27.16	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	21.53	21.59	24.57	≤ 30.00	Pass
11ac-VHT20	MCS0	40	5200	22.45	22.53	25.50	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	22.49	22.63	25.57	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	15.94	16.16	19.06	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	16.86	16.82	19.85	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	16.82	16.81	19.83	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	16.58	16.70	19.65	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	15.78	15.90	18.85	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	16.59	16.74	19.68	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	16.84	16.87	19.87	≤ 22.96	Pass
11ac-VHT20	MCS0	149	5745	24.53	25.81	28.23	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	25.66	26.15	28.92	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	24.90	24.16	27.56	≤ 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	19.45	19.63	22.55	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	22.32	22.61	25.48	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	18.24	18.55	21.41	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	18.52	18.63	21.59	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	18.31	18.34	21.34	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	18.50	18.96	21.75	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	18.74	18.92	21.84	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	18.46	18.70	21.59	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	23.27	23.67	26.48	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	23.21	23.48	26.36	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	16.18	16.22	19.21	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	15.33	15.38	18.37	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	16.56	16.35	19.47	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	20.45	20.75	23.61	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.68	21.08	23.89	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	19.22	19.40	22.32	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	13.32	13.84	16.60	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	12.54	12.89	15.73	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	20.47	20.52	23.51	≤ 30.00	Pass
11ax-HE20	MCS0	40	5200	22.44	22.43	25.45	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	22.41	22.63	25.53	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	15.65	15.98	18.83	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	16.61	16.88	19.76	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	16.53	16.92	19.74	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	16.23	16.65	19.46	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	16.33	16.82	19.59	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	16.28	16.63	19.47	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	16.47	16.85	19.67	≤ 23.02	Pass
11ax-HE20	MCS0	149	5745	23.25	23.50	26.39	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	25.11	25.76	28.46	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	22.91	22.95	25.94	≤ 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	18.15	18.23	21.20	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	22.66	22.77	25.73	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	18.31	18.60	21.47	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	17.15	17.21	20.19	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	17.90	18.07	21.00	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	18.36	18.67	21.53	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	17.86	17.96	20.92	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	18.40	18.84	21.64	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	20.93	21.08	24.02	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	20.56	20.69	23.64	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	16.76	16.74	19.76	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	15.33	15.25	18.30	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	16.17	16.32	19.26	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.06	20.90	23.51	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	20.91	20.84	23.89	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	17.77	17.99	20.89	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	15.73	16.00	18.88	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	14.24	14.11	17.19	≤ 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.

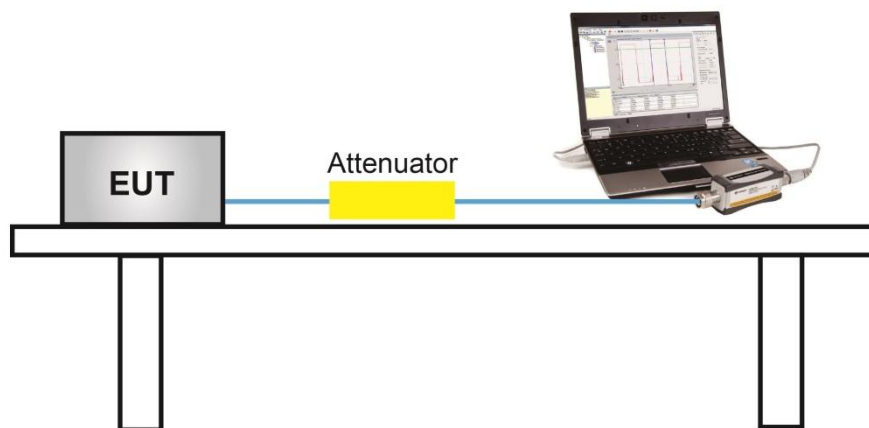
7.5.2. Test Procedure Used

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.

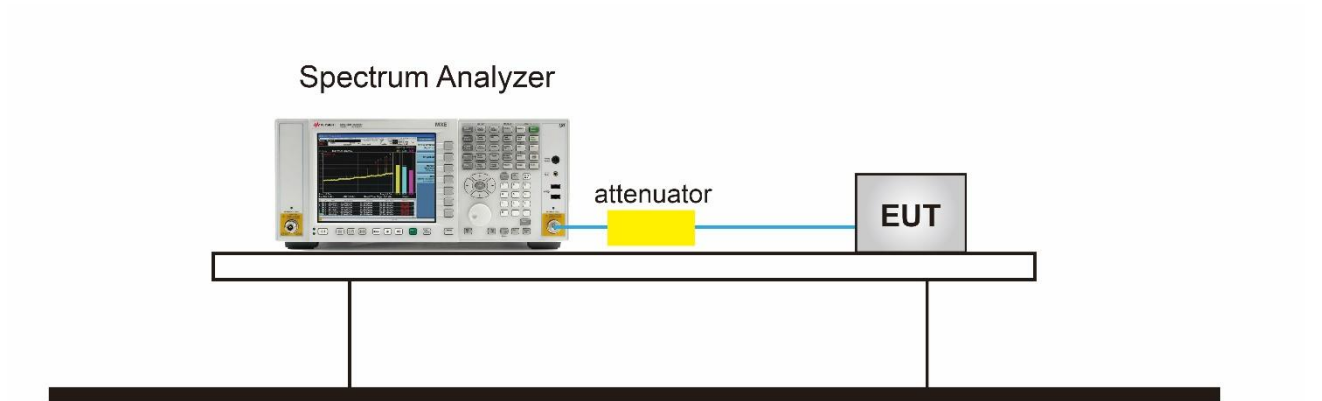
7.6.2. Test Procedure Used

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	AX3000 Wi-Fi 6 Smart Access Point	Temperature	25°C
Test Engineer	Owen	Relative Humidity	54%
Test Site	SR6	Test Date	2025/3/19~2025/4/14
Test 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	10.397	10.820	96.43%	13.782	≤ 15.02	Pass
11a	6Mbps	40	5200	11.450	11.253	96.43%	14.521	≤ 15.02	Pass
11a	6Mbps	48	5240	11.428	11.382	96.43%	14.573	≤ 15.02	Pass
11a	6Mbps	52	5260	5.249	5.525	96.43%	8.557	≤ 9.02	Pass
11a	6Mbps	60	5300	5.386	5.779	96.43%	8.755	≤ 9.02	Pass
11a	6Mbps	64	5320	5.226	5.824	96.43%	8.703	≤ 9.02	Pass
11a	6Mbps	100	5500	5.411	5.581	96.43%	8.665	≤ 9.02	Pass
11a	6Mbps	116	5580	5.693	5.892	96.43%	8.962	≤ 9.02	Pass
11a	6Mbps	140	5700	5.207	5.632	96.43%	8.593	≤ 9.02	Pass
11a	6Mbps	144	5720	5.293	5.819	96.43%	8.732	≤ 9.02	Pass
11ac-VHT20	MCS0	36	5180	10.081	10.182	89.61%	13.619	≤ 15.02	Pass
11ac-VHT20	MCS0	40	5200	10.957	10.708	89.61%	14.321	≤ 15.02	Pass
11ac-VHT20	MCS0	48	5240	11.191	10.309	89.61%	14.259	≤ 15.02	Pass
11ac-VHT20	MCS0	52	5260	5.187	5.023	89.61%	8.593	≤ 9.02	Pass
11ac-VHT20	MCS0	60	5300	5.151	5.370	89.61%	8.749	≤ 9.02	Pass
11ac-VHT20	MCS0	64	5320	5.187	5.262	89.61%	8.711	≤ 9.02	Pass
11ac-VHT20	MCS0	100	5500	4.839	5.265	89.61%	8.544	≤ 9.02	Pass
11ac-VHT20	MCS0	116	5580	4.773	5.410	89.61%	8.590	≤ 9.02	Pass
11ac-VHT20	MCS0	140	5700	5.065	5.331	89.61%	8.687	≤ 9.02	Pass
11ac-VHT20	MCS0	144	5720	5.130	5.388	89.61%	8.748	≤ 9.02	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	5.518	6.093	88.93%	9.335	≤ 15.02	Pass
11ac-VHT40	MCS0	46	5230	9.060	8.552	88.93%	12.333	≤ 15.02	Pass
11ac-VHT40	MCS0	54	5270	4.840	5.255	88.93%	8.572	≤ 9.02	Pass
11ac-VHT40	MCS0	62	5310	5.450	4.982	88.93%	8.742	≤ 9.02	Pass
11ac-VHT40	MCS0	102	5510	4.790	4.752	88.93%	8.291	≤ 9.02	Pass
11ac-VHT40	MCS0	110	5550	4.952	5.306	88.93%	8.652	≤ 9.02	Pass
11ac-VHT40	MCS0	134	5670	5.111	5.385	88.93%	8.770	≤ 9.02	Pass
11ac-VHT40	MCS0	142	5710	5.108	5.483	88.93%	8.819	≤ 9.02	Pass
11ac-VHT80	MCS0	42	5210	-0.850	-0.670	72.66%	3.638	≤ 15.02	Pass
11ac-VHT80	MCS0	58	5290	-1.466	-1.110	72.66%	3.113	≤ 9.02	Pass
11ac-VHT80	MCS0	106	5530	-0.234	-0.053	72.66%	4.255	≤ 9.02	Pass
11ac-VHT80	MCS0	122	5610	3.907	4.563	72.66%	8.645	≤ 9.02	Pass
11ac-VHT80	MCS0	138	5690	4.686	4.499	72.66%	8.991	≤ 9.02	Pass
11ac-VHT160	MCS0	50	5250	-5.579	-5.123	77.50%	-1.228	≤ 9.02	Pass
11ac-VHT160	MCS0	114	5570	-6.432	-5.847	77.50%	-2.012	≤ 9.02	Pass
11ax-HE20	MCS0	36	5180	9.084	9.300	89.00%	12.710	≤ 15.02	Pass
11ax-HE20	MCS0	40	5200	10.551	9.966	89.00%	13.785	≤ 15.02	Pass
11ax-HE20	MCS0	48	5240	10.317	10.317	89.00%	13.833	≤ 15.02	Pass
11ax-HE20	MCS0	52	5260	5.187	5.475	89.00%	8.850	≤ 9.02	Pass
11ax-HE20	MCS0	60	5300	4.907	5.389	89.00%	8.671	≤ 9.02	Pass
11ax-HE20	MCS0	64	5320	5.045	5.465	89.00%	8.776	≤ 9.02	Pass
11ax-HE20	MCS0	100	5500	4.915	5.689	89.00%	8.836	≤ 9.02	Pass
11ax-HE20	MCS0	116	5580	5.248	5.361	89.00%	8.821	≤ 9.02	Pass
11ax-HE20	MCS0	140	5700	5.271	5.317	89.00%	8.810	≤ 9.02	Pass
11ax-HE20	MCS0	144	5720	5.091	5.616	89.00%	8.878	≤ 9.02	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	4.497	4.208	88.57%	7.892	≤ 15.02	Pass
11ax-HE40	MCS0	46	5230	8.521	8.279	88.57%	11.939	≤ 15.02	Pass
11ax-HE40	MCS0	54	5270	4.875	5.294	88.57%	8.627	≤ 9.02	Pass
11ax-HE40	MCS0	62	5310	3.760	3.711	88.57%	7.273	≤ 9.02	Pass
11ax-HE40	MCS0	102	5510	4.282	4.450	88.57%	7.904	≤ 9.02	Pass
11ax-HE40	MCS0	110	5550	5.040	5.577	88.57%	8.854	≤ 9.02	Pass
11ax-HE40	MCS0	134	5670	4.118	4.184	88.57%	7.689	≤ 9.02	Pass
11ax-HE40	MCS0	142	5710	5.135	5.553	88.57%	8.886	≤ 9.02	Pass
11ax-HE80	MCS0	42	5210	0.534	0.131	88.25%	3.890	≤ 15.02	Pass
11ax-HE80	MCS0	58	5290	-0.892	-0.765	88.25%	2.725	≤ 9.02	Pass
11ax-HE80	MCS0	106	5530	-0.606	-0.075	88.25%	3.221	≤ 9.02	Pass
11ax-HE80	MCS0	122	5610	4.280	4.354	88.25%	7.870	≤ 9.02	Pass
11ax-HE80	MCS0	122	5690	3.774	3.675	88.25%	7.278	≤ 9.02	Pass
11ax-HE160	MCS0	50	5250	-3.593	-3.175	90.24%	0.077	≤ 9.02	Pass
11ax-HE160	MCS0	114	5570	-5.028	-4.656	90.24%	-1.382	≤ 9.02	Pass

Note 1: 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 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (7.98 - 6) = 15.02dBm/MHz.

For 5250 - 5350MHz and 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (7.98 - 6) = 9.02dBm/MHz.

Product	AX3000 Wi-Fi 6 Smart Access Point	Temperature	25°C
Test Engineer	Owen	Relative Humidity	54%
Test Site	SR6	Test Date	2025/3/19~2025/4/14
Test Mode	Power Spectral Density (U-NII-3) CDD Mode		

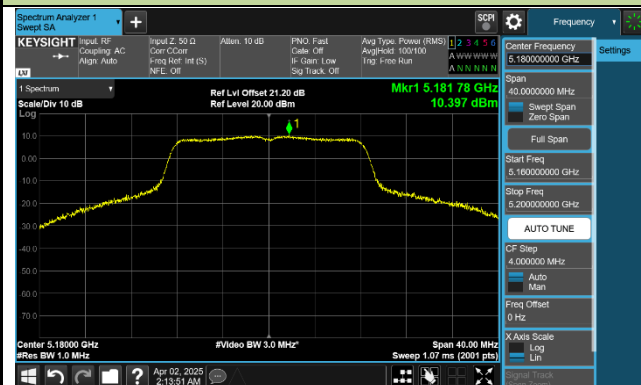
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/510KHz)	Ant 1 PSD (dBm/510KHz)	Duty Cycle (%)	Total PSD (dBm/ 510kHz)	Limit (dBm/ 500kHz)	Result
11a	6Mbps	149	5745	11.041	10.592	96.43%	13.990	≤ 28.02	Pass
11a	6Mbps	157	5785	11.524	11.842	96.43%	14.854	≤ 28.02	Pass
11a	6Mbps	165	5825	10.497	10.290	96.43%	13.563	≤ 28.02	Pass
11ac-VHT20	MCS0	149	5745	11.793	10.413	89.61%	14.644	≤ 28.02	Pass
11ac-VHT20	MCS0	157	5785	10.865	11.231	89.61%	14.539	≤ 28.02	Pass
11ac-VHT20	MCS0	165	5825	10.017	9.495	89.61%	13.251	≤ 28.02	Pass
11ac-VHT40	MCS0	151	5755	7.143	7.009	88.93%	10.596	≤ 28.02	Pass
11ac-VHT40	MCS0	159	5795	6.974	6.815	88.93%	10.415	≤ 28.02	Pass
11ac-VHT80	MCS0	155	5775	-0.026	0.354	72.66%	4.566	≤ 28.02	Pass
11ax-HE20	MCS0	149	5745	9.073	9.085	89.00%	12.595	≤ 28.02	Pass
11ax-HE20	MCS0	157	5785	10.752	11.049	89.00%	14.419	≤ 28.02	Pass
11ax-HE20	MCS0	165	5825	8.596	8.658	89.00%	12.144	≤ 28.02	Pass
11ax-HE40	MCS0	151	5755	4.591	4.429	88.57%	8.048	≤ 28.02	Pass
11ax-HE40	MCS0	159	5795	4.215	3.998	88.57%	7.645	≤ 28.02	Pass
11ax-HE80	MCS0	155	5775	-1.392	-0.813	88.25%	2.460	≤ 28.02	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) + $10 \cdot \log (1/\text{Duty Cycle})$.

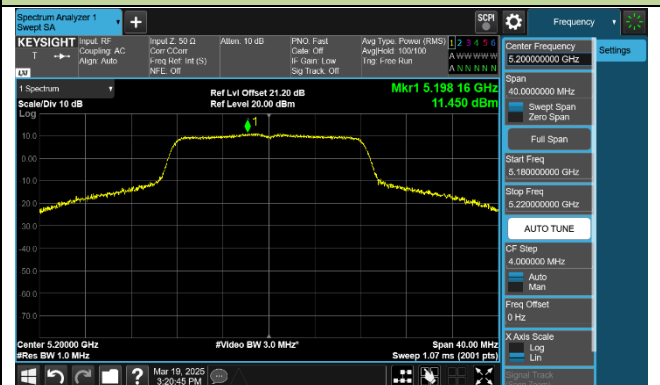
Note 2: PSD Limit (dBm/500kHz) = 30 - (7.98 - 6) = 28.02 (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

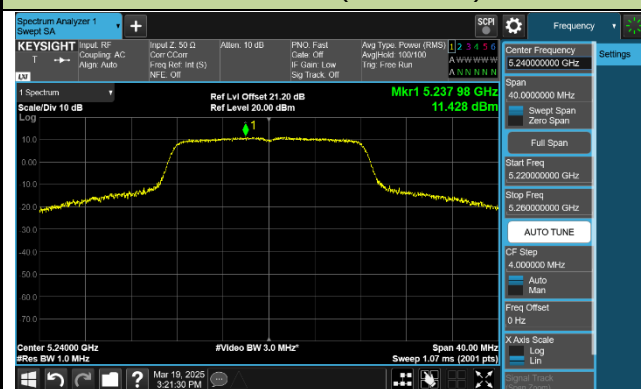
Channel 36 (5180MHz)



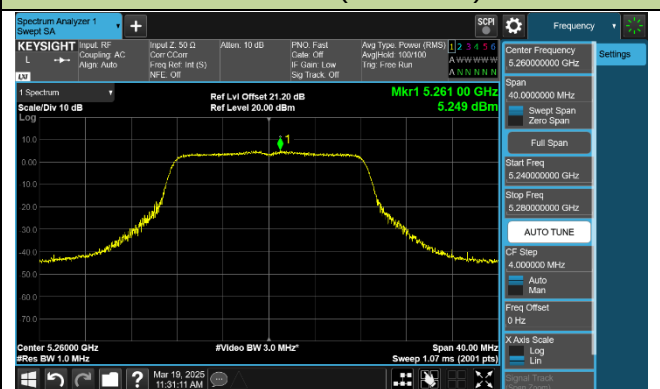
Channel 40 (5200MHz)



Channel 48 (5240MHz)



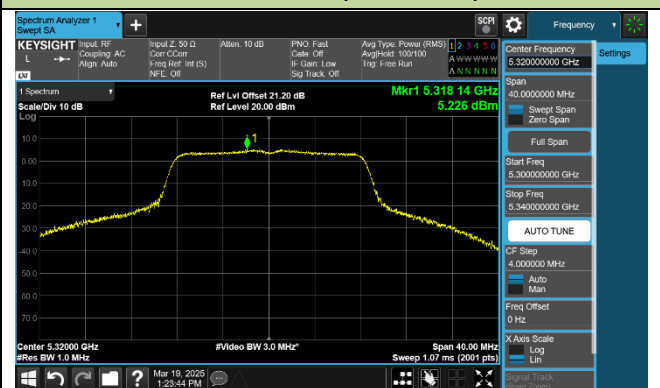
Channel 52 (5260MHz)



Channel 60 (5300MHz)



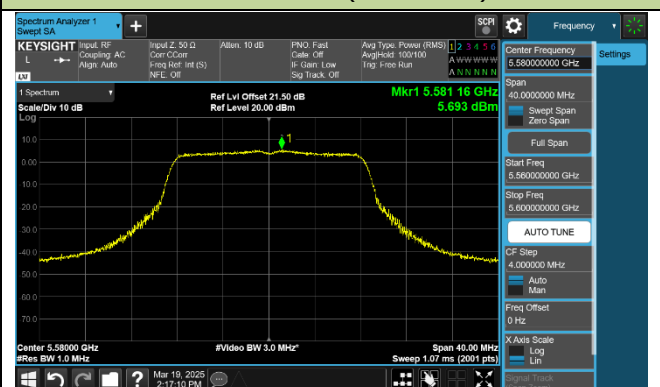
Channel 64 (5320MHz)

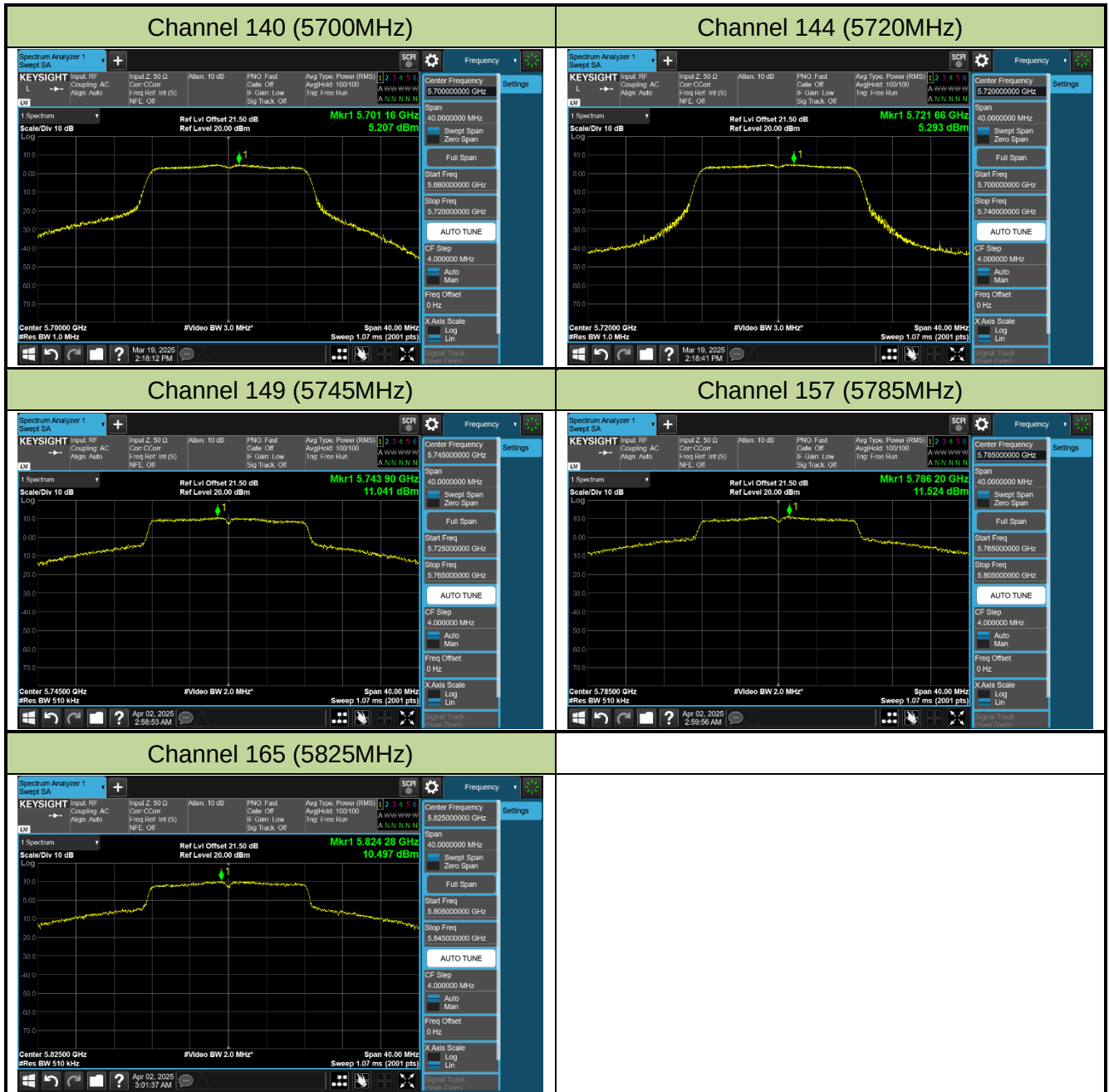


Channel 100 (5500MHz)



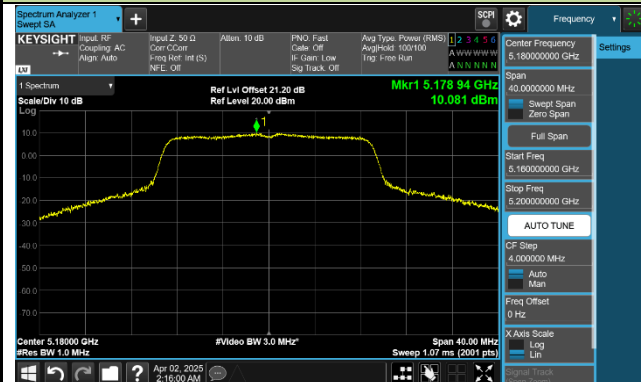
Channel 116 (5580MHz)





802.11ac-VHT20 Power Spectral Density - Ant 0

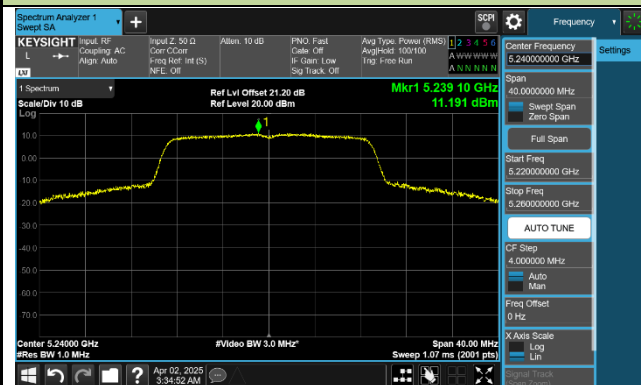
Channel 36 (5180MHz)



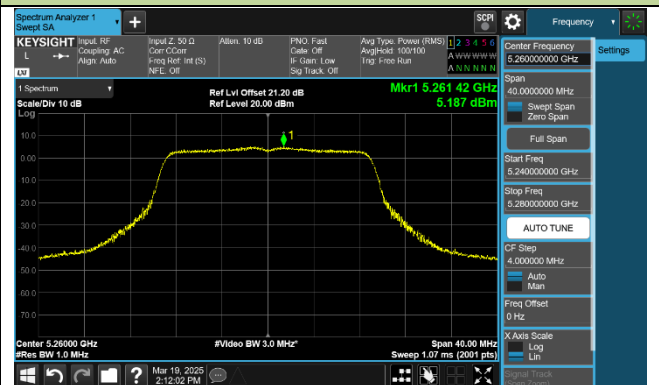
Channel 40 (5200MHz)



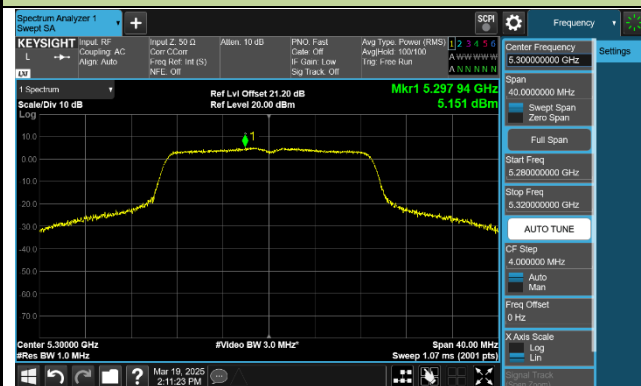
Channel 48 (5240MHz)



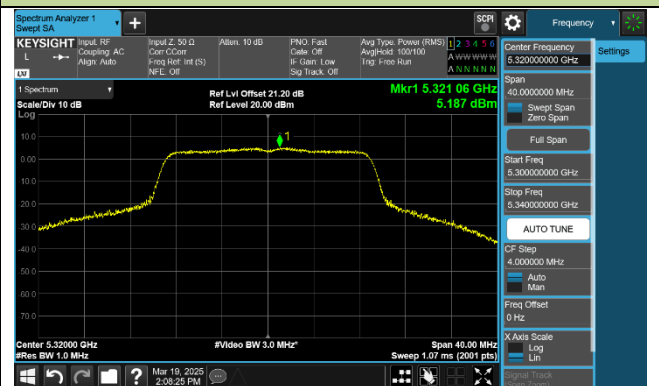
Channel 52 (5260MHz)



Channel 60 (5300MHz)



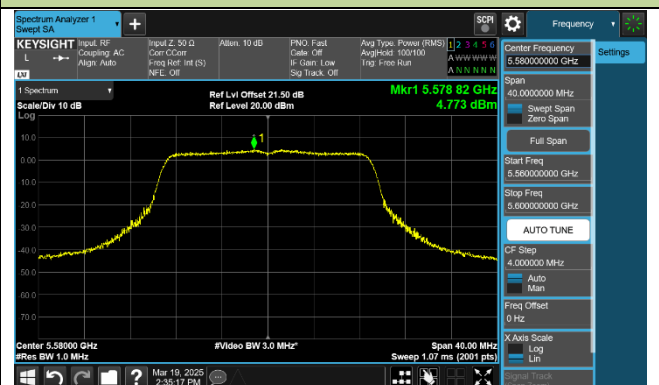
Channel 64 (5320MHz)

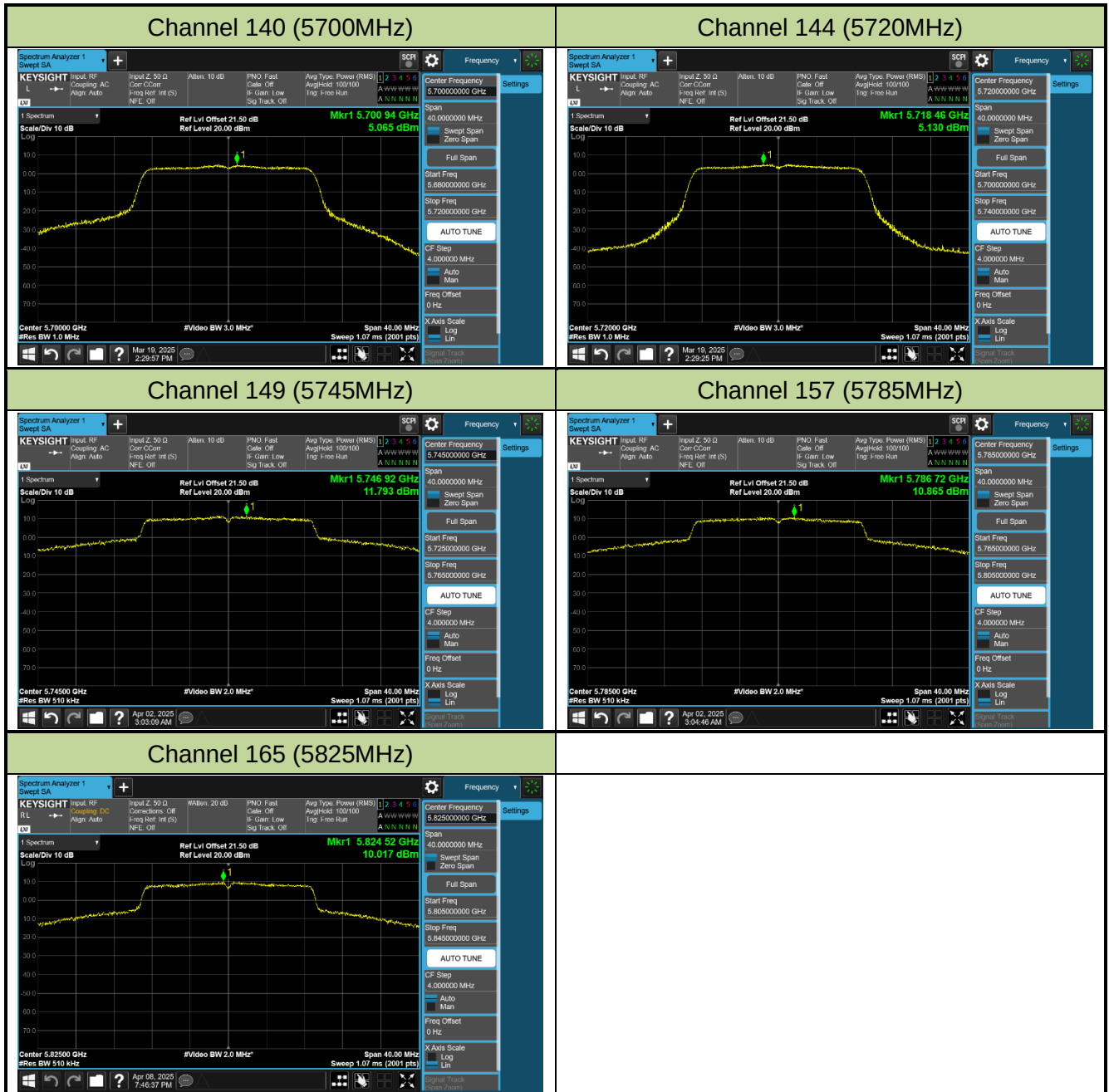


Channel 100 (5500MHz)



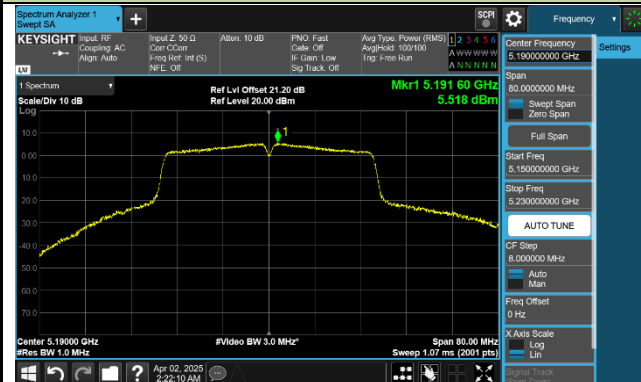
Channel 116 (5580MHz)





802.11ac-VHT40 Power Spectral Density - Ant 0

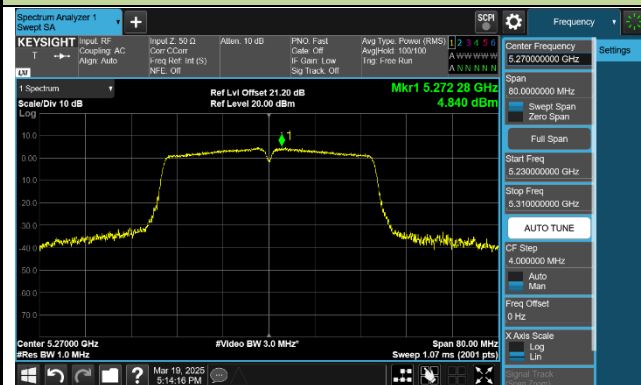
Channel 38 (5190MHz)



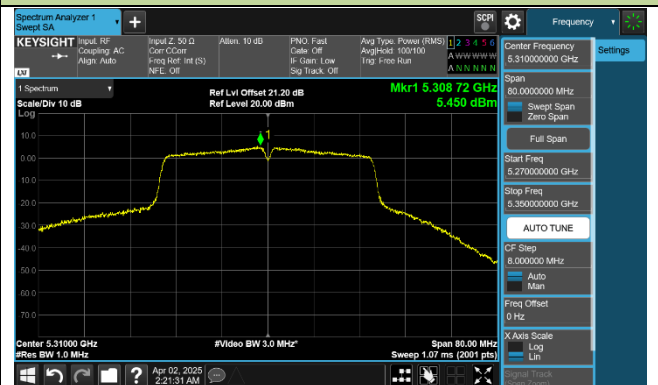
Channel 46 (5230MHz)



Channel 54 (5270MHz)



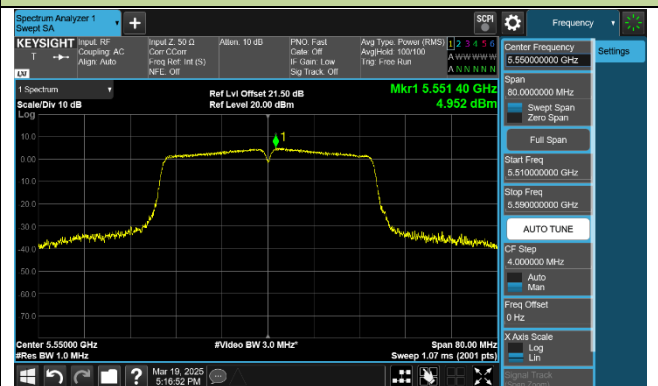
Channel 62 (5310MHz)



Channel 102 (5510MHz)



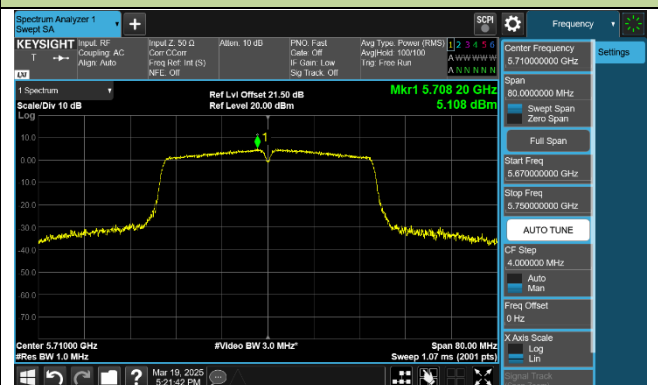
Channel 110 (5550MHz)

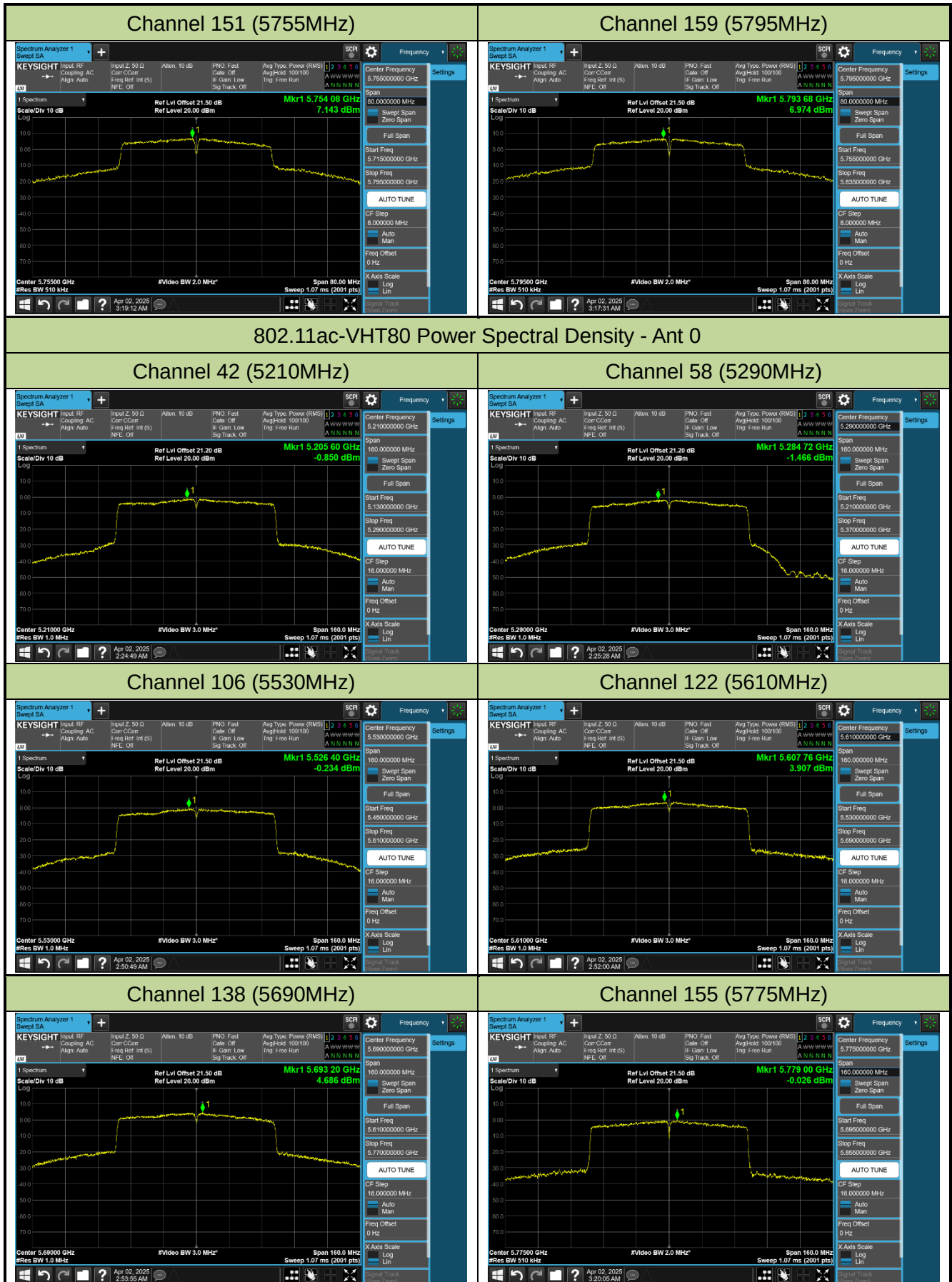


Channel 134 (5670MHz)



Channel 142 (5710MHz)





802.11ac-VHT160 Power Spectral Density - Ant 0

Channel 50 (5250MHz)

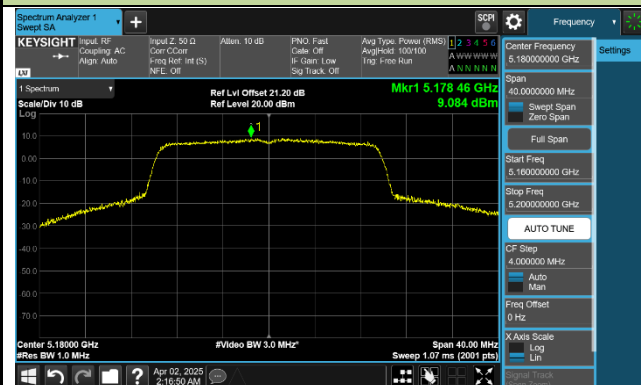


Channel 114 (5570MHz)

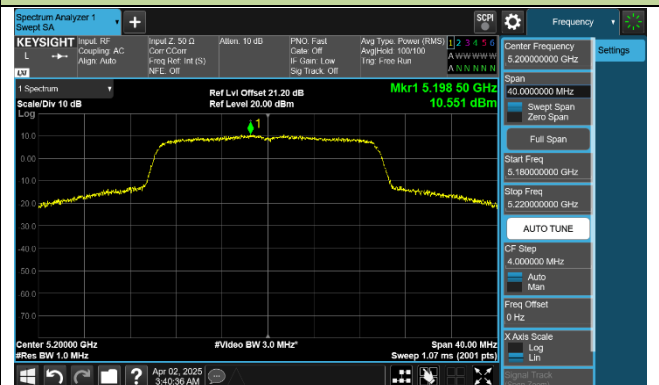


802.11ax-HE20 Power Spectral Density - Ant 0

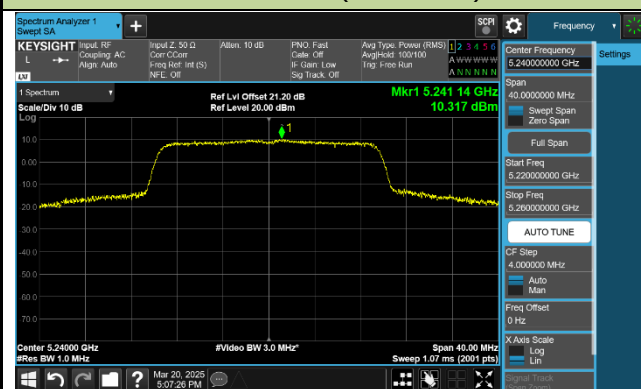
Channel 36 (5180MHz)



Channel 40 (5200MHz)



Channel 48 (5240MHz)



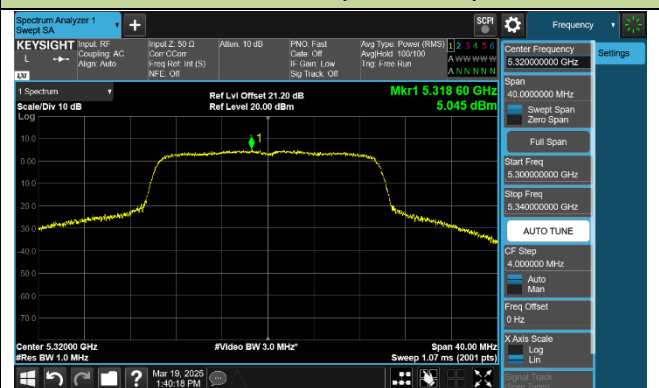
Channel 52 (5260MHz)



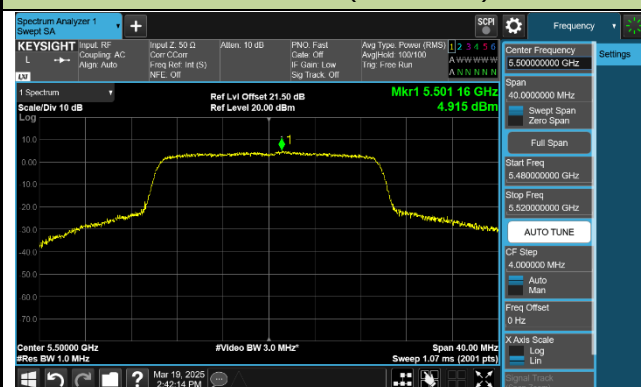
Channel 60 (5300MHz)



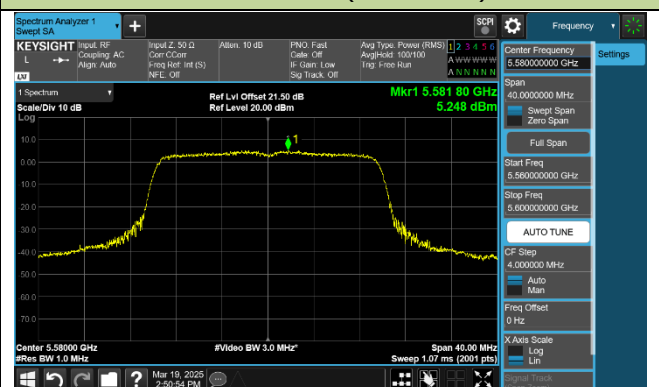
Channel 64 (5320MHz)

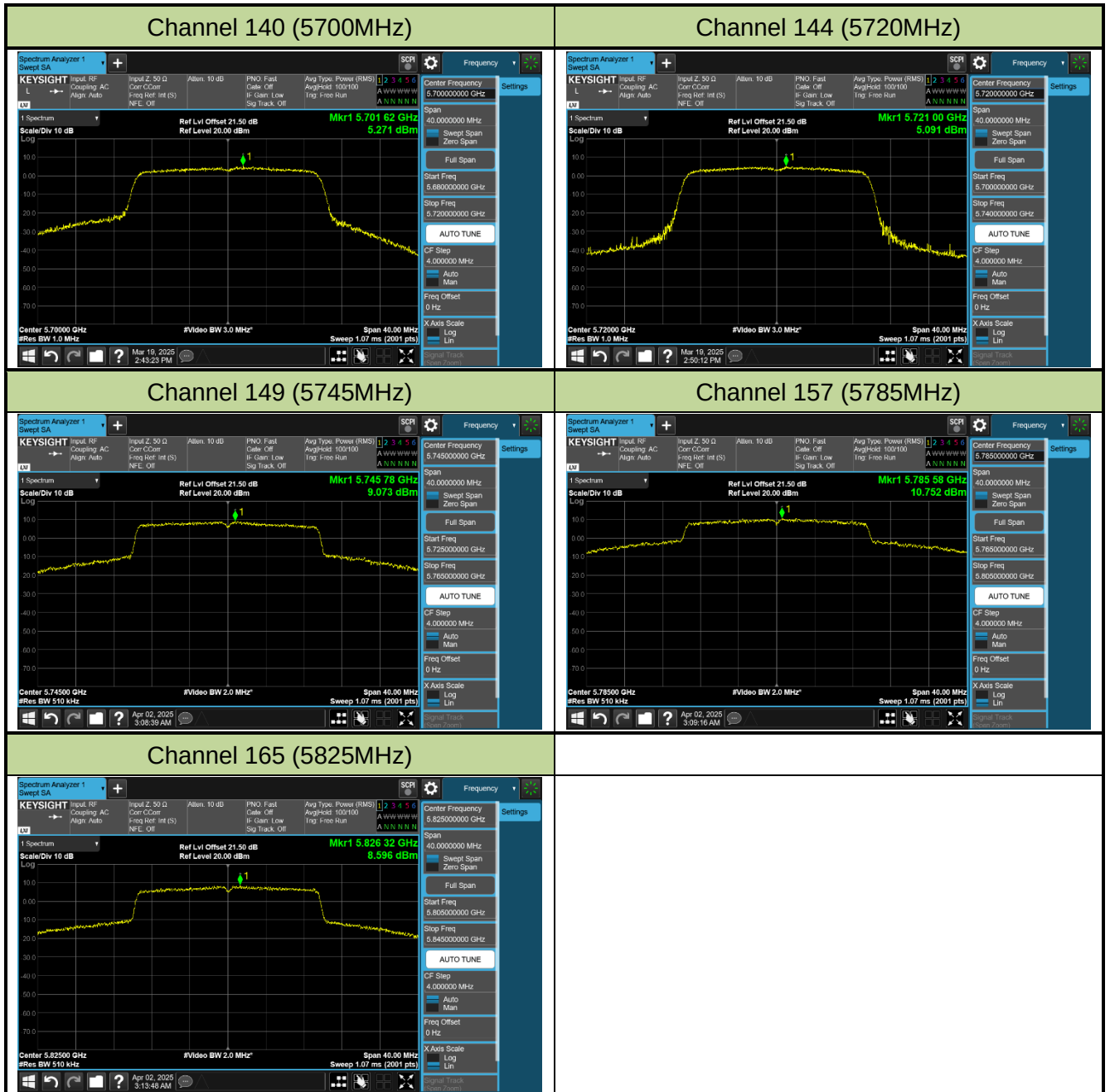


Channel 100 (5500MHz)



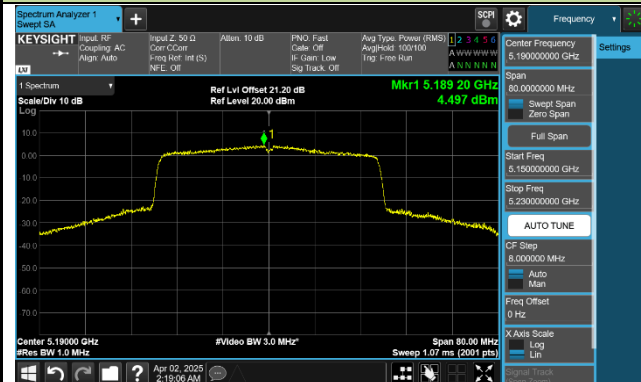
Channel 116 (5580MHz)





802.11ax-HE40 Power Spectral Density - Ant 0

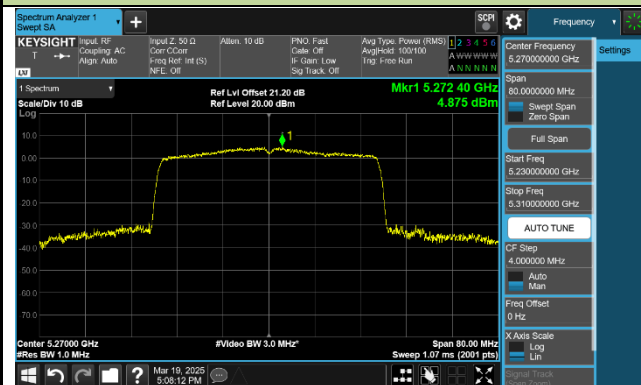
Channel 38 (5190MHz)



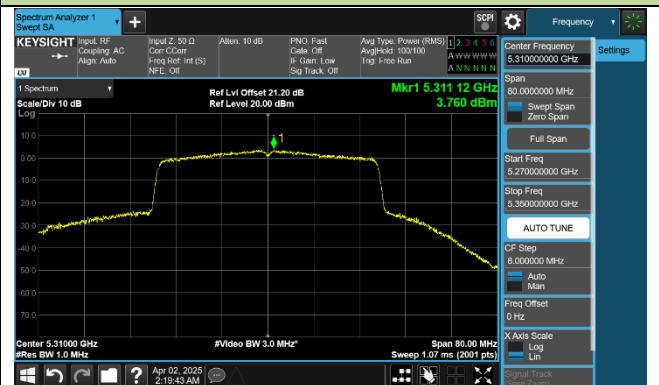
Channel 46 (5230MHz)



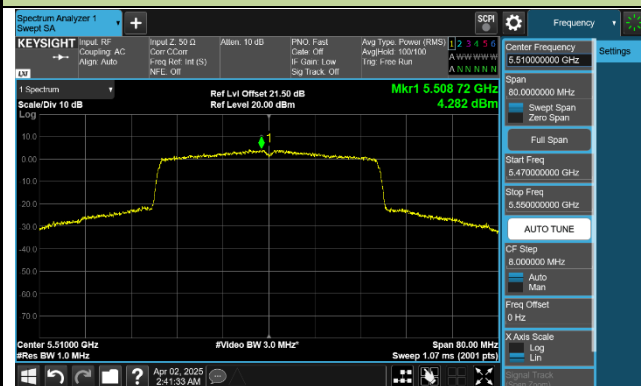
Channel 54 (5270MHz)



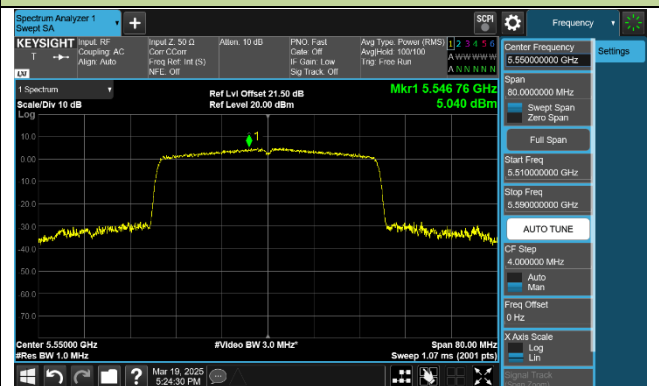
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 142 (5710MHz)

