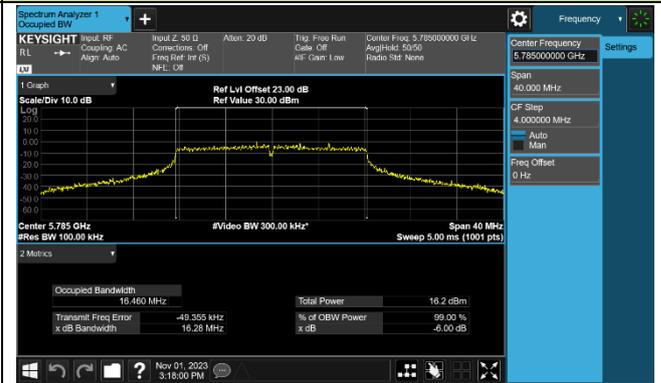


802.11a 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 6dB Bandwidth

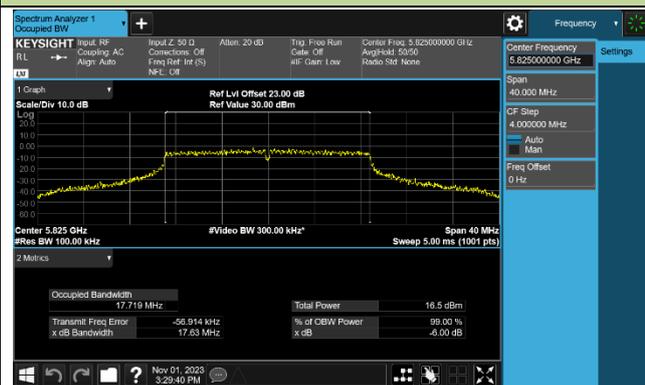
Channel 149 (5745MHz)



Channel 157 (5785MHz)

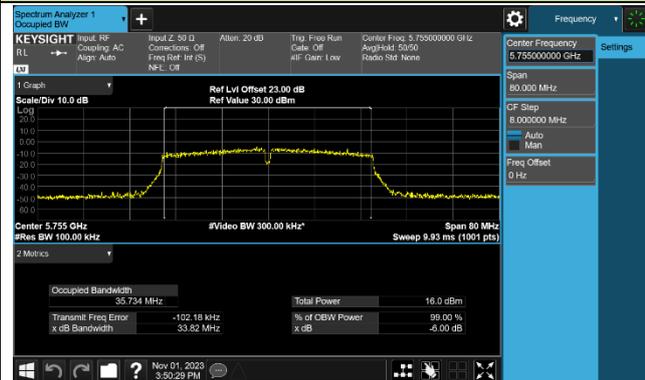


Channel 165 (5825MHz)

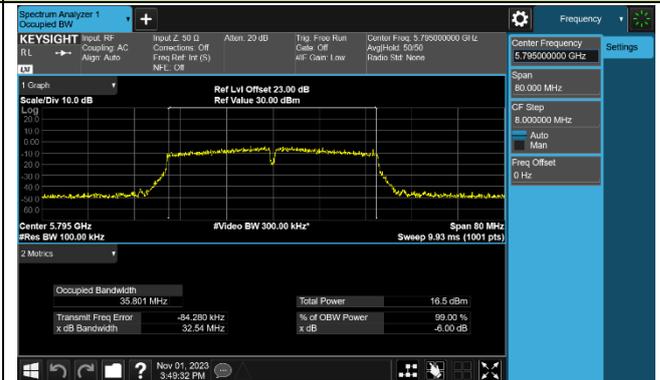


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

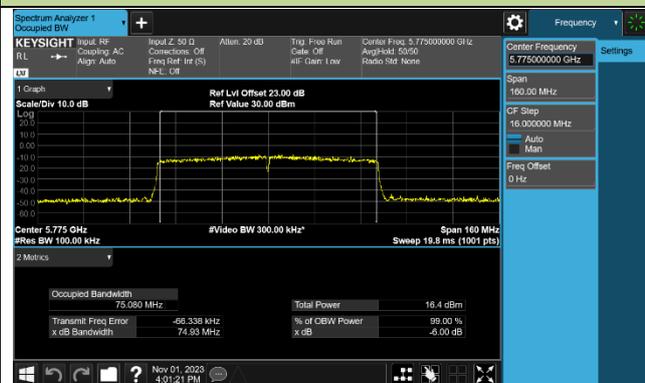


Channel 159 (5795MHz)



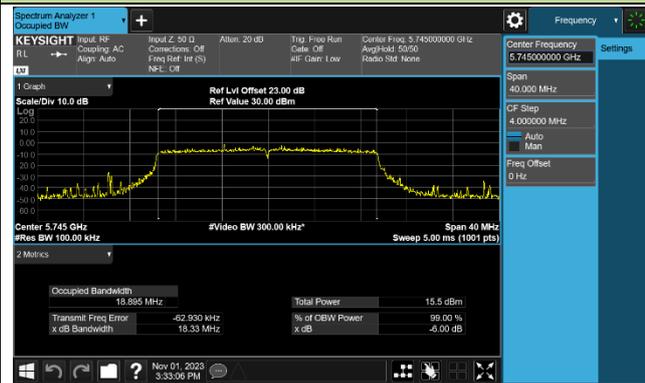
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

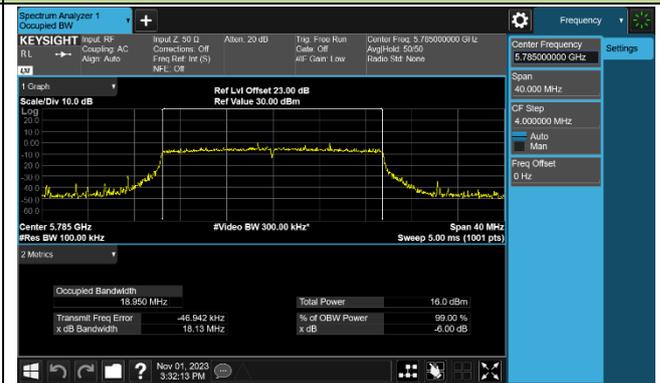


802.11ax-HE20 6dB Bandwidth

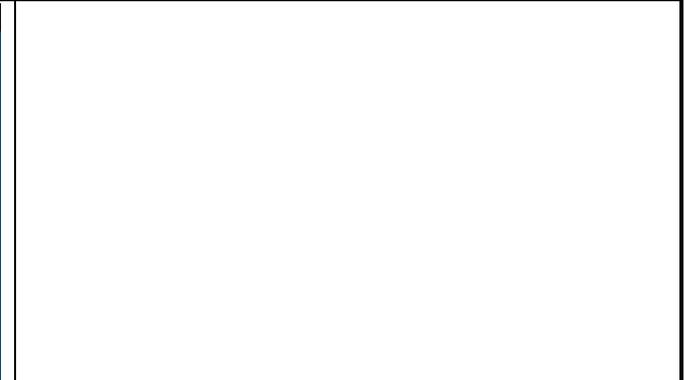
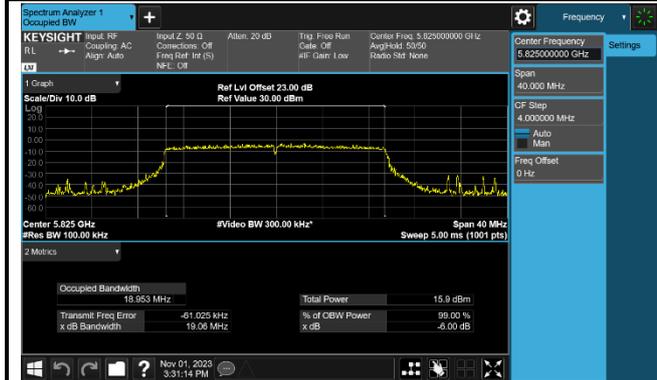
Channel 149 (5745MHz)



Channel 157 (5785MHz)

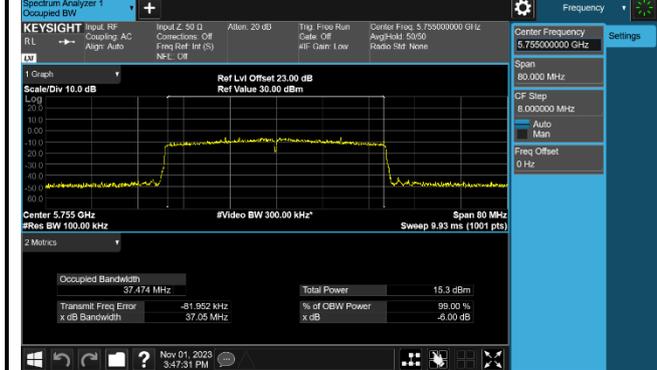


**Channel 165 (5825MHz)**



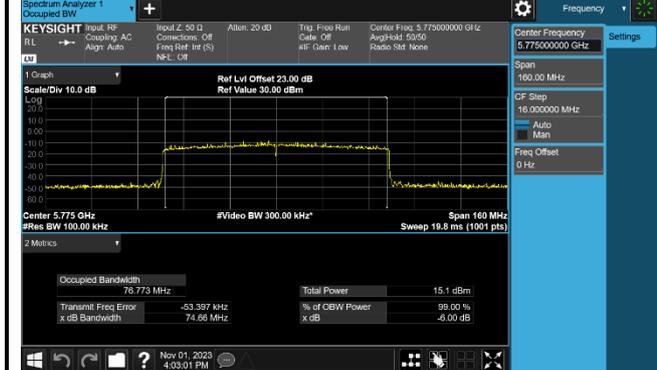
**802.11ax-HE40 6dB Bandwidth**

**Channel 151 (5755MHz)**



**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.

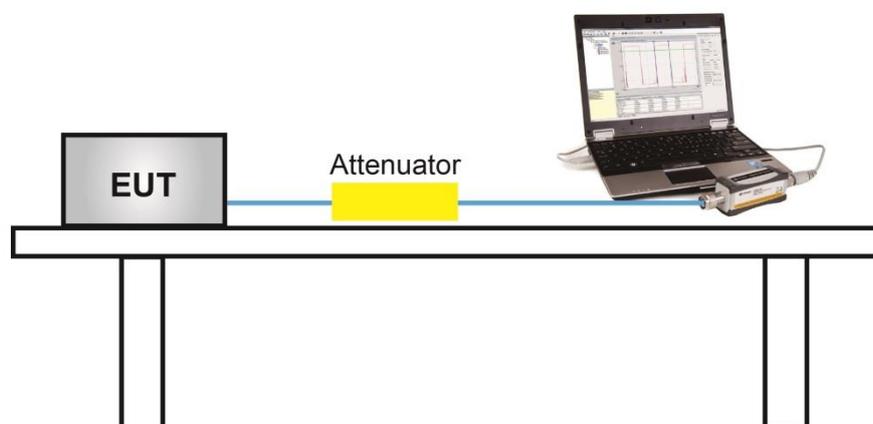
### 7.4.2. Test Procedure Used

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	AXE3000 Wi-Fi 6E High Gain Wireless USB Adapter	Test Engineer	Xuan
Test Site	SR6	Test Date	2023/7/26
Test Mode	CDD Mode		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Power Limit (dBm)	Result
11a	6Mbps	36	5180	12.72	12.22	15.49	≤ 23.98	Pass
11a	6Mbps	44	5220	12.66	12.05	15.38	≤ 23.98	Pass
11a	6Mbps	48	5240	12.68	12.39	15.55	≤ 23.98	Pass
11a	6Mbps	52	5260	12.08	12.67	15.40	≤ 23.98	Pass
11a	6Mbps	60	5300	11.96	12.32	15.15	≤ 23.98	Pass
11a	6Mbps	64	5320	11.97	12.25	15.12	≤ 23.98	Pass
11a	6Mbps	100	5500	12.82	13.17	16.01	≤ 23.98	Pass
11a	6Mbps	116	5580	13.01	13.05	16.04	≤ 23.98	Pass
11a	6Mbps	140	5700	12.82	13.00	15.92	≤ 23.98	Pass
11a	6Mbps	144	5720	12.84	13.01	15.94	≤ 23.20	Pass
11a	6Mbps	149	5745	13.57	13.65	16.62	≤ 30.00	Pass
11a	6Mbps	157	5785	13.37	13.51	16.45	≤ 30.00	Pass
11a	6Mbps	165	5825	13.09	13.36	16.24	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	12.64	12.15	15.41	≤ 23.98	Pass
11ac-VHT20	MCS0	40	5220	12.52	11.99	15.27	≤ 23.98	Pass
11ac-VHT20	MCS0	48	5240	12.48	11.96	15.24	≤ 23.98	Pass
11ac-VHT20	MCS0	52	5260	12.06	12.43	15.26	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	11.86	12.41	15.15	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	11.95	12.36	15.17	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	12.65	13.10	15.89	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	12.94	13.01	15.99	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	12.76	12.85	15.82	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	12.77	12.89	15.84	≤ 23.10	Pass
11ac-VHT20	MCS0	149	5745	13.51	13.62	16.58	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	13.39	13.43	16.42	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	13.04	13.28	16.17	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Power Limit (dBm)	Result
11ac-VHT40	MCS0	38	5190	12.27	11.95	15.12	≤ 23.98	Pass
11ac-VHT40	MCS0	46	5230	12.77	12.27	15.54	≤ 23.98	Pass
11ac-VHT40	MCS0	54	5270	12.22	12.83	15.55	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	12.12	12.58	15.37	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	12.93	13.20	16.08	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	12.92	12.99	15.97	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	12.94	13.05	16.01	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	12.94	13.04	16.00	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	13.10	13.19	16.16	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	13.54	13.65	16.61	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	12.87	12.03	15.48	≤ 23.98	Pass
11ac-VHT80	MCS0	58	5290	12.43	12.76	15.61	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	13.00	13.45	16.24	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	12.87	12.89	15.89	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	13.03	13.17	16.11	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	13.54	13.81	16.69	≤ 30.00	Pass
11ax-HE20	MCS0	36	5180	12.66	12.46	15.57	≤ 23.98	Pass
11ax-HE20	MCS0	40	5220	12.69	12.25	15.49	≤ 23.98	Pass
11ax-HE20	MCS0	48	5240	12.38	12.02	15.21	≤ 23.98	Pass
11ax-HE20	MCS0	52	5260	12.21	12.85	15.55	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	11.92	12.52	15.24	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	12.13	12.68	15.42	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	12.91	13.31	16.12	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	13.00	13.18	16.10	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	12.97	13.07	16.03	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	12.94	13.11	16.04	≤ 22.95	Pass
11ax-HE20	MCS0	149	5745	13.11	13.27	16.20	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	13.48	13.75	16.63	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	13.15	13.57	16.38	≤ 30.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Power Limit (dBm)	Result
11ax-HE40	MCS0	38	5190	12.63	12.18	15.42	≤ 23.98	Pass
11ax-HE40	MCS0	46	5230	12.47	11.97	15.24	≤ 23.98	Pass
11ax-HE40	MCS0	54	5270	11.89	12.31	15.12	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	11.96	12.20	15.09	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	12.67	12.98	15.84	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	13.02	13.19	16.11	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	13.09	13.16	16.14	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	13.05	13.19	16.13	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	13.23	13.46	16.36	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	13.32	13.26	16.30	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	12.40	12.22	15.32	≤ 23.98	Pass
11ax-HE80	MCS0	58	5290	11.83	13.09	15.52	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	13.17	13.04	16.12	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	12.52	12.80	15.67	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	13.02	13.12	16.08	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	13.19	13.75	16.49	≤ 30.00	Pass

Note 1:

The Total Average Power (dBm) =  $10 \cdot \log \{10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$ .

Note 2:

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

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

For 802.11a Ch144 (5720MHz), Average Power Limit (dBm) =  $11 + 10 \cdot \log(5\text{MHz} + \text{BW}_{26\text{dBc}}/2) = 23.20$  dBm.

For 802.11ac Ch144 (5720MHz), Average Power Limit (dBm) =  $11 + 10 \cdot \log(5\text{MHz} + \text{BW}_{26\text{dBc}}/2) = 23.10$  dBm.

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

## 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.

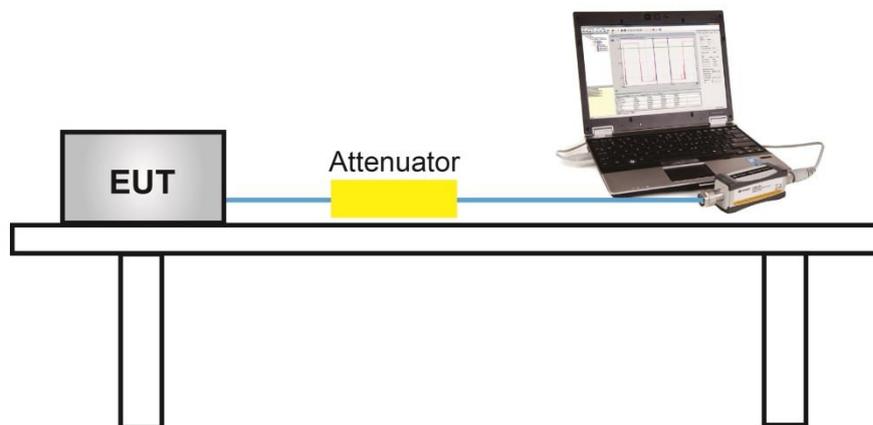
### 7.5.2. Test Procedure Used

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

A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

## 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.

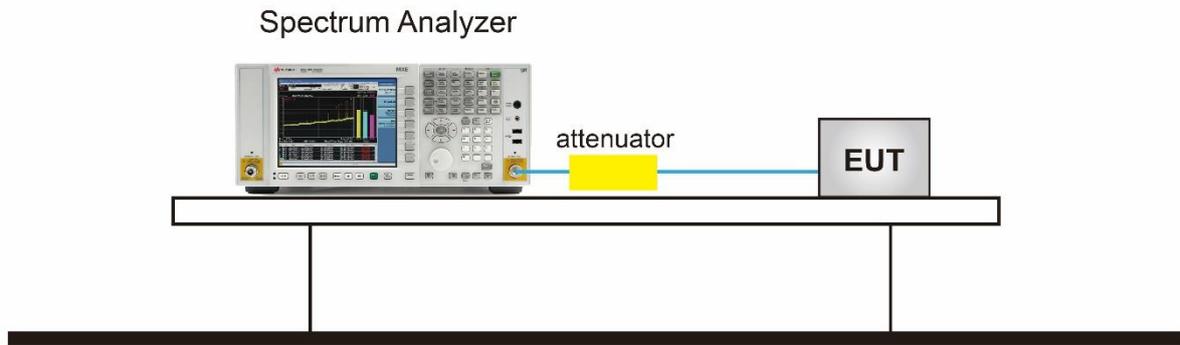
### 7.6.2. Test Procedure Used

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	AXE3000 Wi-Fi 6E High Gain Wireless USB Adapter	Test Engineer	Xuan
Test Site	SR6	Test Date	2023/11/1
Mode	Power Spectral Density (U-NII- 1/-2a / -2c) CDD Mode		

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11a	6Mbps	36	5180	-1.413	-0.414	91.41%	2.516	≤ 11.00	Pass
11a	6Mbps	44	5220	-0.622	-1.284	91.41%	2.460	≤ 11.00	Pass
11a	6Mbps	48	5240	0.204	-0.556	91.41%	3.241	≤ 11.00	Pass
11a	6Mbps	52	5260	-1.575	-0.218	91.41%	2.557	≤ 11.00	Pass
11a	6Mbps	60	5300	-1.295	-0.398	91.41%	2.577	≤ 11.00	Pass
11a	6Mbps	64	5320	-1.026	-0.387	91.41%	2.706	≤ 11.00	Pass
11a	6Mbps	100	5500	0.162	0.492	91.41%	3.730	≤ 11.00	Pass
11a	6Mbps	116	5580	0.369	0.085	91.41%	3.630	≤ 11.00	Pass
11a	6Mbps	140	5700	-0.402	1.193	91.41%	3.869	≤ 11.00	Pass
11a	6Mbps	144	5720	-0.260	-0.262	91.41%	3.139	≤ 11.00	Pass
11ac-VHT20	MCS0	36	5180	-1.037	-1.253	94.10%	2.131	≤ 11.00	Pass
11ac-VHT20	MCS0	40	5220	-1.437	-1.344	94.10%	1.884	≤ 11.00	Pass
11ac-VHT20	MCS0	48	5240	-0.921	-1.468	94.10%	2.089	≤ 11.00	Pass
11ac-VHT20	MCS0	52	5260	-1.639	-0.782	94.10%	2.085	≤ 11.00	Pass
11ac-VHT20	MCS0	60	5300	-1.582	-0.834	94.10%	2.082	≤ 11.00	Pass
11ac-VHT20	MCS0	64	5320	-1.254	-0.734	94.10%	2.288	≤ 11.00	Pass
11ac-VHT20	MCS0	100	5500	-0.055	-0.019	94.10%	3.237	≤ 11.00	Pass
11ac-VHT20	MCS0	116	5580	-0.158	-0.397	94.10%	2.999	≤ 11.00	Pass
11ac-VHT20	MCS0	140	5700	-0.819	-0.126	94.10%	2.816	≤ 11.00	Pass
11ac-VHT20	MCS0	144	5720	-0.413	-0.505	94.10%	2.816	≤ 11.00	Pass
11ac-VHT40	MCS0	38	5190	-3.087	-3.767	90.33%	0.038	≤ 11.00	Pass
11ac-VHT40	MCS0	46	5230	-2.836	-3.363	90.33%	0.360	≤ 11.00	Pass
11ac-VHT40	MCS0	54	5270	-3.943	-2.835	90.33%	0.098	≤ 11.00	Pass
11ac-VHT40	MCS0	62	5310	-3.809	-2.964	90.33%	0.086	≤ 11.00	Pass
11ac-VHT40	MCS0	102	5510	-2.483	-2.158	90.33%	1.135	≤ 11.00	Pass
11ac-VHT40	MCS0	110	5550	-2.282	-2.132	90.33%	1.246	≤ 11.00	Pass
11ac-VHT40	MCS0	134	5670	-2.135	-1.961	90.33%	1.405	≤ 11.00	Pass
11ac-VHT40	MCS0	142	5710	-2.473	-2.173	90.33%	1.132	≤ 11.00	Pass

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
11ac-VHT80	MCS0	42	5210	-8.837	-7.080	81.30%	-3.961	≤ 11.00	Pass
11ac-VHT80	MCS0	58	5290	-6.968	-6.116	81.30%	-2.612	≤ 11.00	Pass
11ac-VHT80	MCS0	106	5530	-5.663	-5.177	81.30%	-1.504	≤ 11.00	Pass
11ac-VHT80	MCS0	122	5610	-5.682	-6.091	81.30%	-1.972	≤ 11.00	Pass
11ac-VHT80	MCS0	138	5690	-5.902	-5.598	81.30%	-1.838	≤ 11.00	Pass
11ax-HE20	MCS0	36	5180	-0.994	-1.294	91.75%	2.243	≤ 11.00	Pass
11ax-HE20	MCS0	44	5220	-1.391	-1.845	91.75%	1.772	≤ 11.00	Pass
11ax-HE20	MCS0	48	5240	-1.377	-2.103	91.75%	1.659	≤ 11.00	Pass
11ax-HE20	MCS0	52	5260	-1.787	-0.900	91.75%	2.063	≤ 11.00	Pass
11ax-HE20	MCS0	60	5300	-1.193	-1.254	91.75%	2.161	≤ 11.00	Pass
11ax-HE20	MCS0	64	5320	-1.565	-0.765	91.75%	2.238	≤ 11.00	Pass
11ax-HE20	MCS0	100	5500	-0.210	-0.158	91.75%	3.200	≤ 11.00	Pass
11ax-HE20	MCS0	116	5580	-0.556	-0.228	91.75%	2.995	≤ 11.00	Pass
11ax-HE20	MCS0	140	5700	-0.755	-0.467	91.75%	2.776	≤ 11.00	Pass
11ax-HE20	MCS0	144	5720	-0.885	-0.388	91.75%	2.755	≤ 11.00	Pass
11ax-HE40	MCS0	38	5190	-5.659	-4.022	88.33%	-1.215	≤ 11.00	Pass
11ax-HE40	MCS0	46	5230	-5.644	-4.237	88.33%	-1.335	≤ 11.00	Pass
11ax-HE40	MCS0	54	5270	-4.351	-3.747	88.33%	-0.489	≤ 11.00	Pass
11ax-HE40	MCS0	62	5310	-3.816	-3.258	88.33%	0.021	≤ 11.00	Pass
11ax-HE40	MCS0	102	5510	-2.645	-2.804	88.33%	0.825	≤ 11.00	Pass
11ax-HE40	MCS0	110	5550	-2.354	-2.331	88.33%	1.207	≤ 11.00	Pass
11ax-HE40	MCS0	134	5670	-2.305	-1.970	88.33%	1.415	≤ 11.00	Pass
11ax-HE40	MCS0	142	5710	-2.236	-2.244	88.33%	1.309	≤ 11.00	Pass
11ax-HE80	MCS0	42	5210	-6.681	-6.476	78.08%	-2.492	≤ 11.00	Pass
11ax-HE80	MCS0	58	5290	-7.045	-6.255	78.08%	-2.547	≤ 11.00	Pass
11ax-HE80	MCS0	106	5530	-5.796	-5.291	78.08%	-1.451	≤ 11.00	Pass
11ax-HE80	MCS0	122	5610	-6.220	-5.982	78.08%	-2.014	≤ 11.00	Pass
11ax-HE80	MCS0	138	5690	-6.554	-5.898	78.08%	-2.129	≤ 11.00	Pass

Note 1:When EUT duty cycle ≥ 98%,

the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$  (dBm/MHz).

When EUT duty cycle < 98%,

the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\} + 10 \cdot \log (1/\text{Duty Cycle})$ (dBm/MHz).

Product	AXE3000 Wi-Fi 6E High Gain Wireless USB Adapter	Test Engineer	Xuan
Test Site	SR6	Test Date	2023/11/1
Test Item	Power Spectral Density (U-NII-3) CDD Mode		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Ant 1 PSD (dBm/510 KHz)	Ant 2 PSD (dBm/510 KHz)	Duty Cycle (%)	Total PSD (dBm/ 510kHz)	Limit (dBm/ 500kHz)	Result
11a	6Mbps	149	5745	-2.643	-2.031	91.41%	1.074	≤ 30.00	Pass
11a	6Mbps	157	5785	-2.660	-2.553	91.41%	0.794	≤ 30.00	Pass
11a	6Mbps	165	5825	-2.383	-2.203	91.41%	1.108	≤ 30.00	Pass
11ac-VHT20	MCS0	149	5745	-2.350	-2.405	94.10%	0.897	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	-2.540	-1.891	94.10%	1.071	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	-3.189	-2.206	94.10%	0.605	≤ 30.00	Pass
11ac-VHT40	MCS0	151	5755	-5.555	-5.080	90.33%	-1.859	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	-4.347	-3.085	90.33%	-0.218	≤ 30.00	Pass
11ac-VHT80	MCS0	155	5775	-7.841	-6.979	81.30%	-3.479	≤ 30.00	Pass
11ax-HE20	MCS0	149	5745	-3.383	-2.370	91.75%	0.537	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	-2.961	-2.638	91.75%	0.588	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	-3.175	-2.614	91.75%	0.499	≤ 30.00	Pass
11ax-HE40	MCS0	151	5755	-5.220	-5.027	88.33%	-1.573	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	-5.230	-5.075	88.33%	-1.603	≤ 30.00	Pass
11ax-HE80	MCS0	155	5775	-8.848	-7.222	78.08%	-3.874	≤ 30.00	Pass

Note 1: When EUT duty cycle ≥ 98%,

the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$  (dBm/510kHz).

When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$  (dBm/510kHz) +  $10 \cdot \log (1/\text{Duty Cycle})$ .

## 802.11a Power Spectral Density - Ant 1

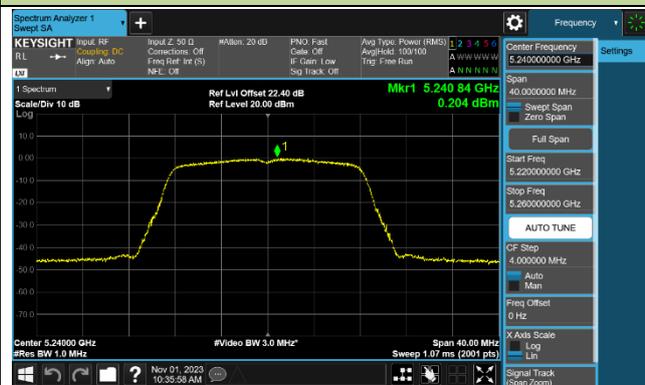
Channel 36 (5180MHz)



Channel 44 (5220MHz)



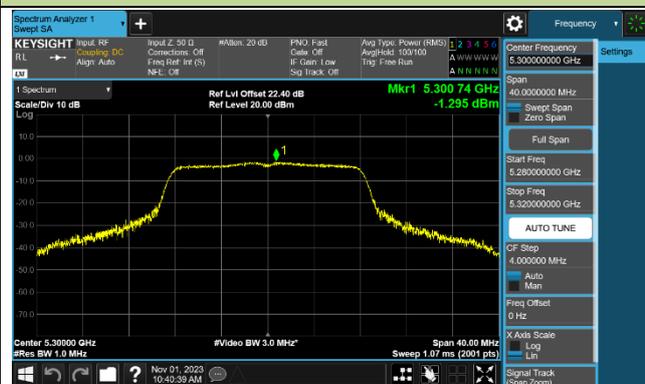
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

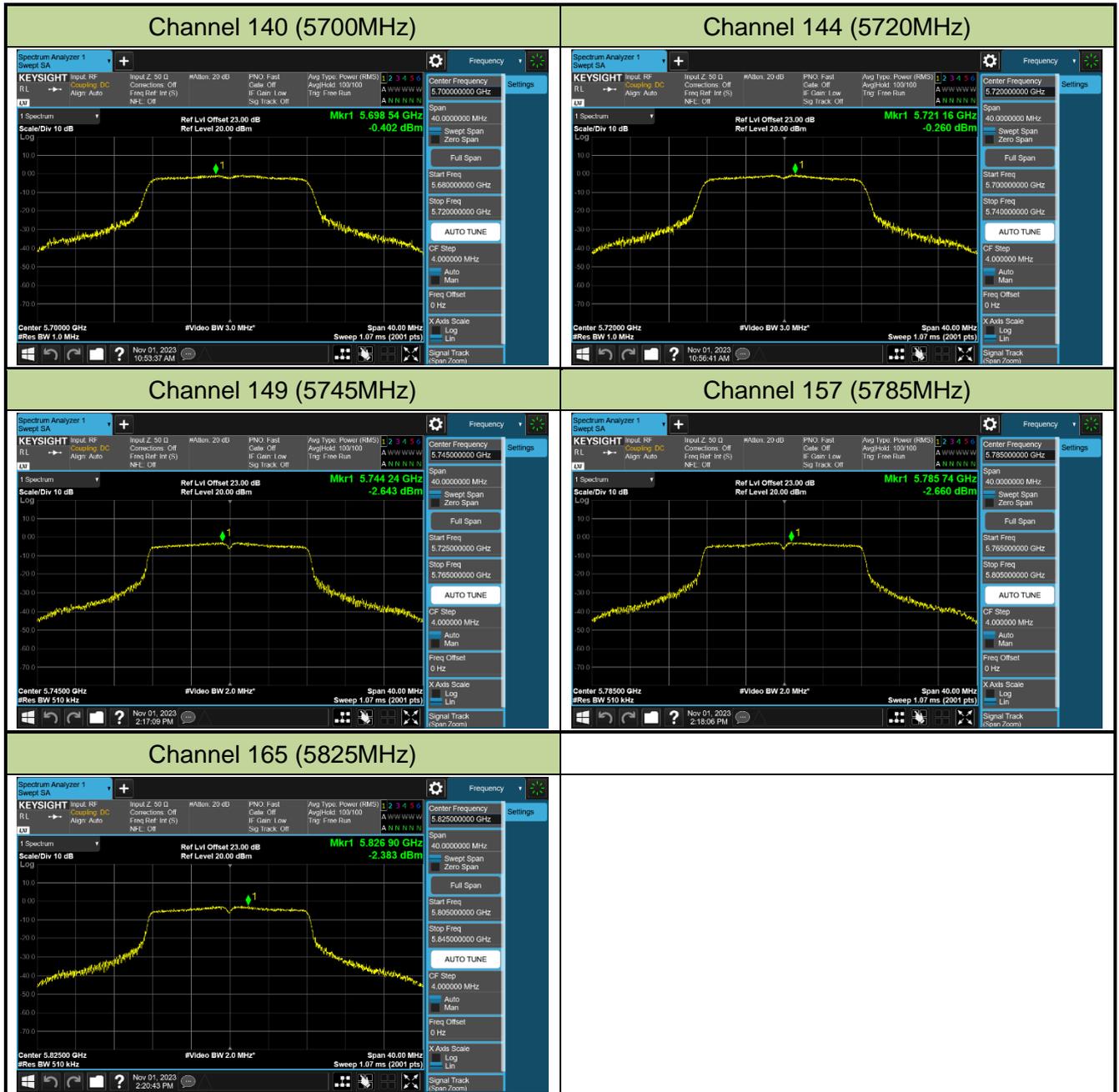


Channel 100 (5500MHz)



Channel 116 (5580MHz)





### 802.11ac-VHT20 Power Spectral Density - Ant 1

Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

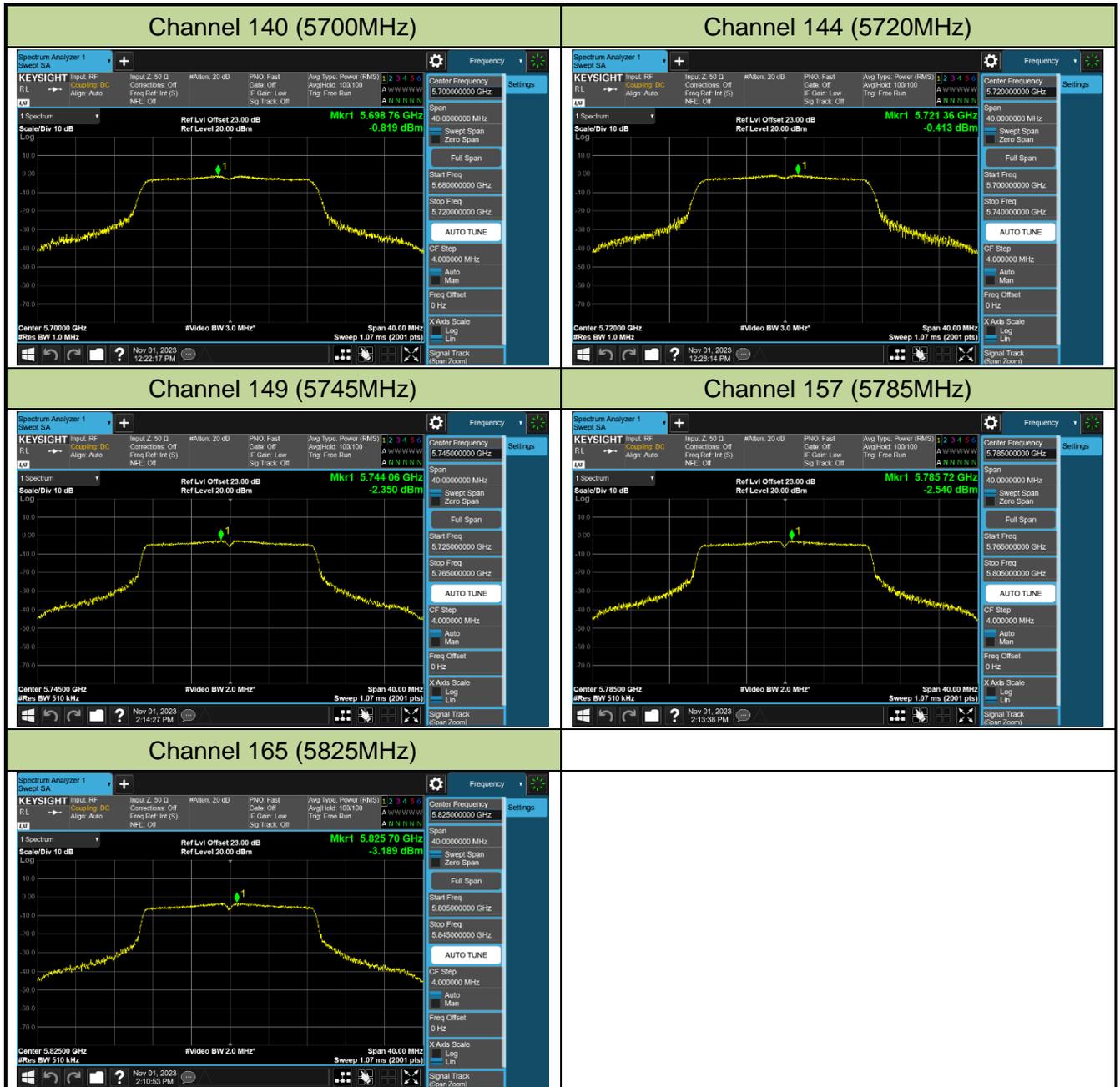


Channel 100 (5500MHz)



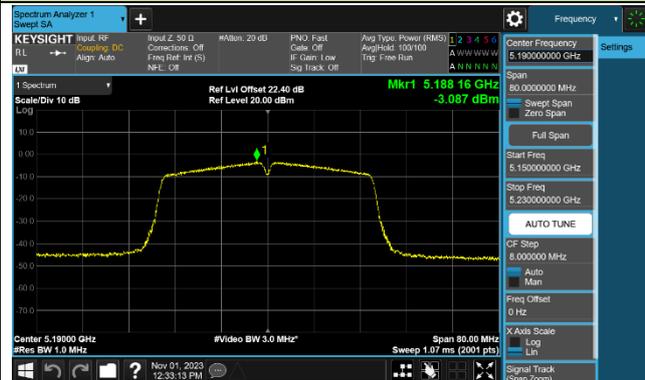
Channel 116 (5580MHz)





## 802.11ac-VHT40 Power Spectral Density - Ant 1

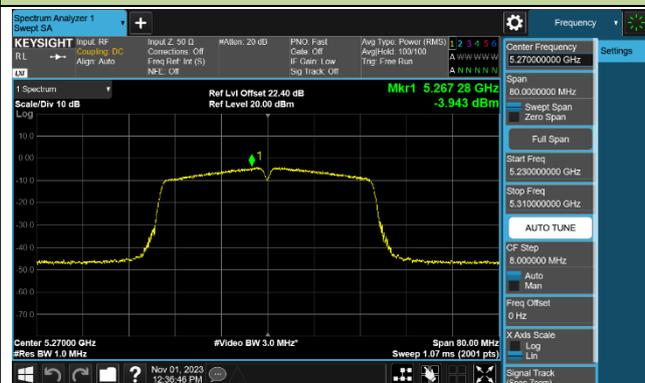
Channel 38 (5190MHz)



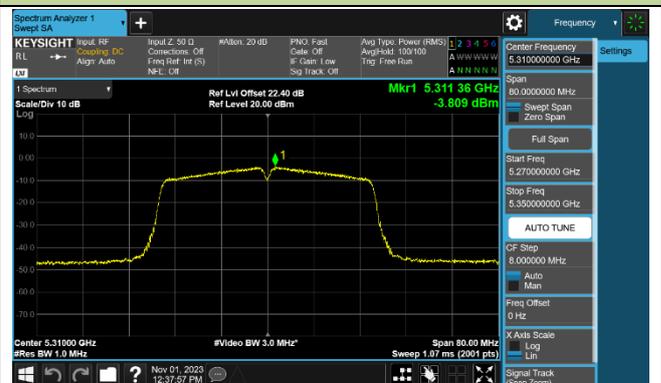
Channel 46 (5230MHz)



Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

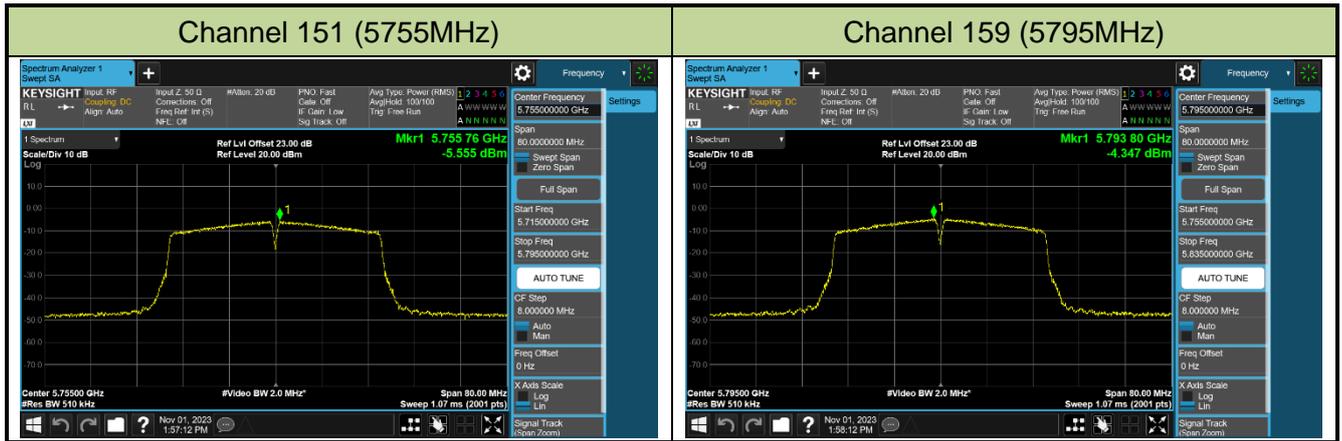


Channel 134 (5670MHz)



Channel 142 (5710MHz)





## 802.11ac-VHT80 Power Spectral Density - Ant 1

Channel 42 (5210MHz)



Channel 58 (5290MHz)



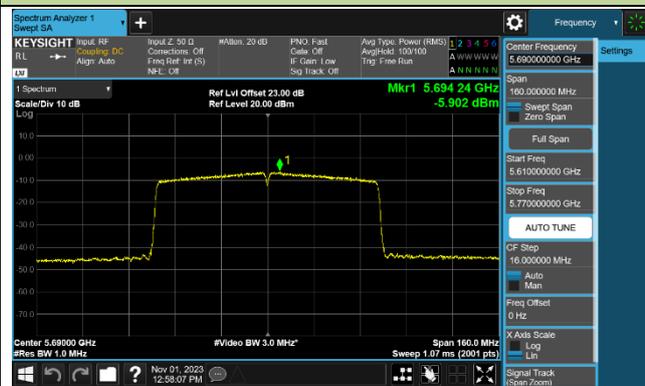
Channel 106 (5530MHz)



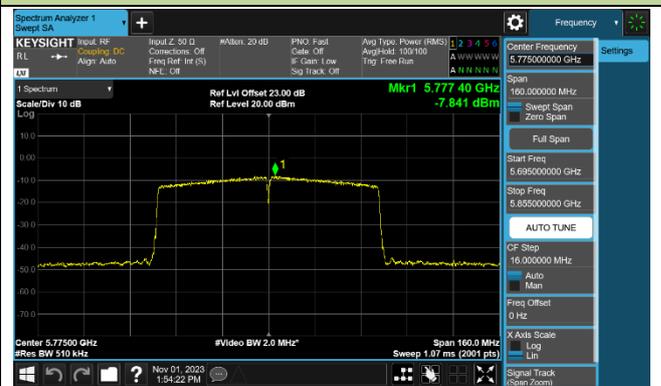
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



## 802.11ax-HE20 Power Spectral Density - Ant 1

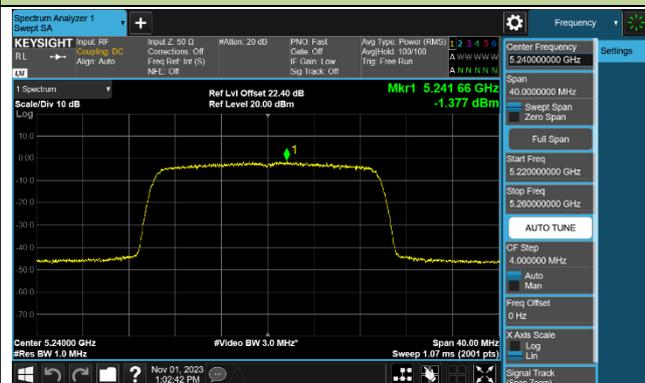
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

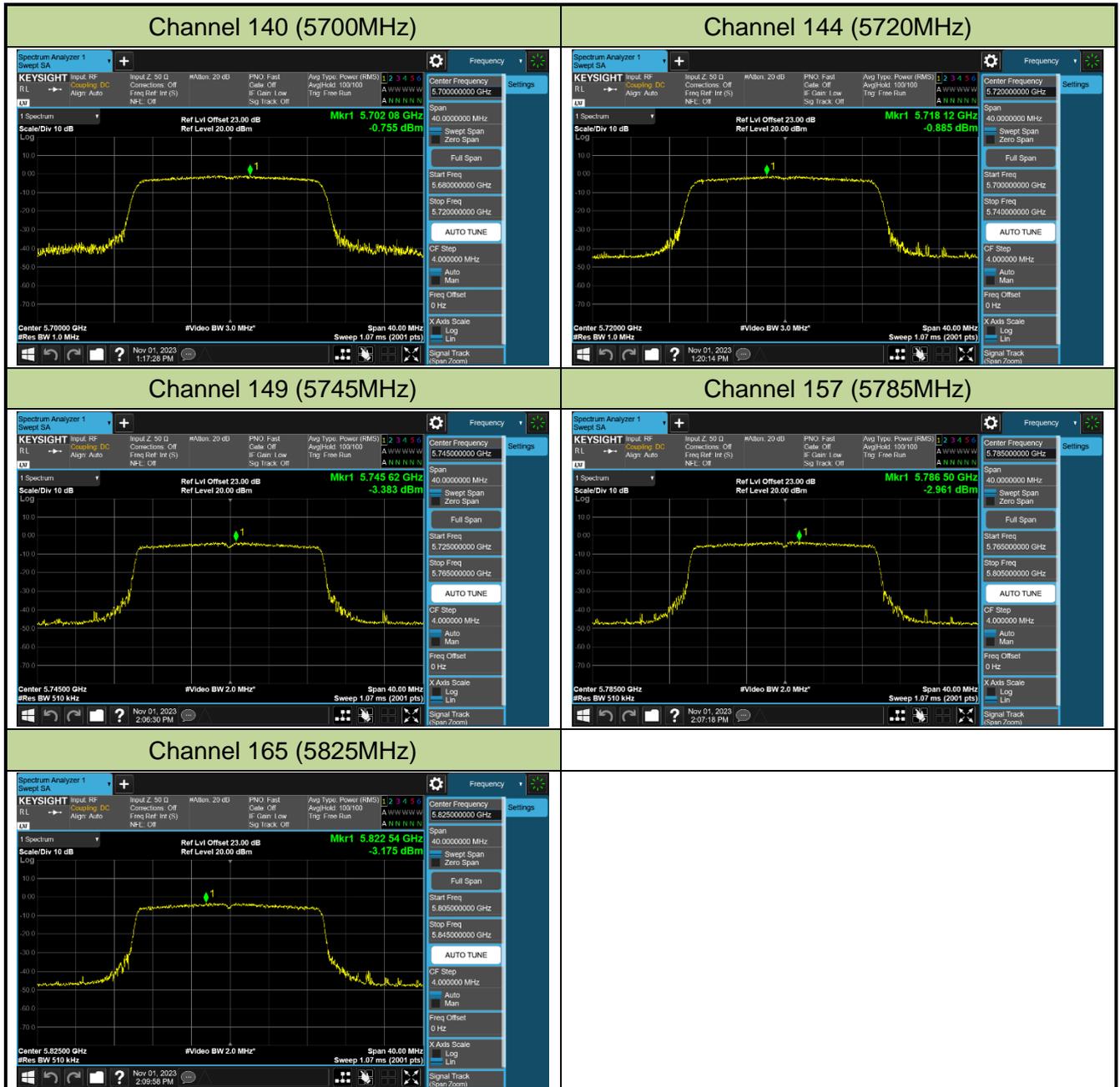


Channel 100 (5500MHz)



Channel 116 (5580MHz)





### 802.11ax-HE40 Power Spectral Density - Ant 1

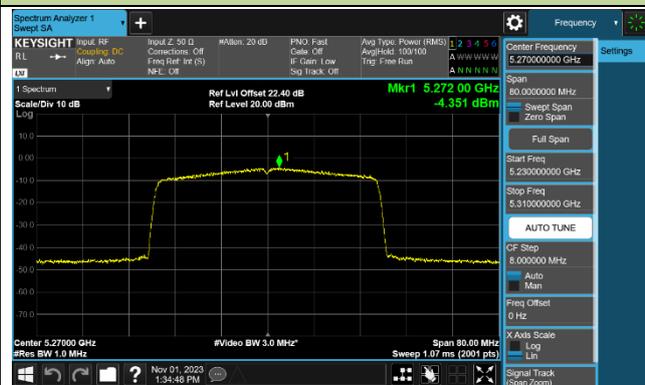
Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



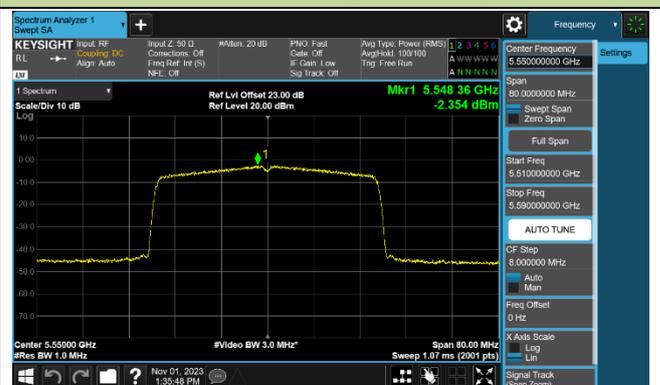
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 142 (5710MHz)



