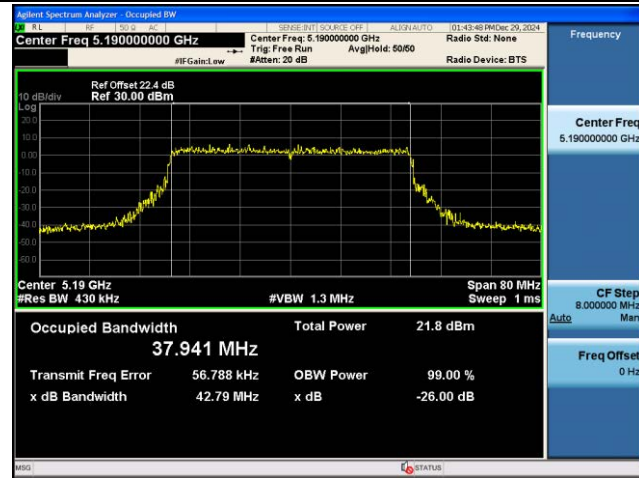
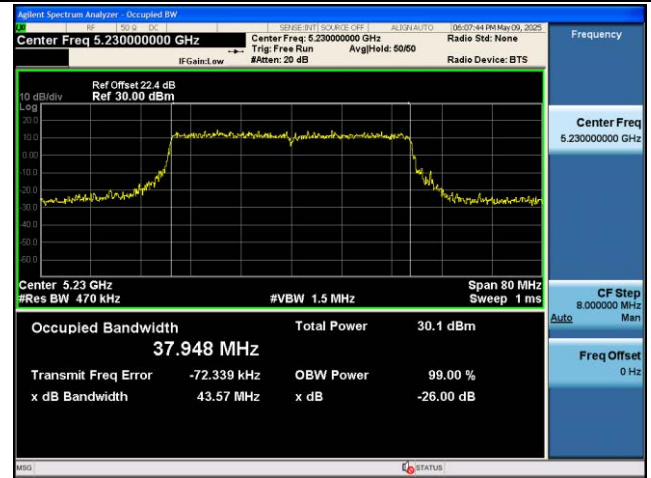


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

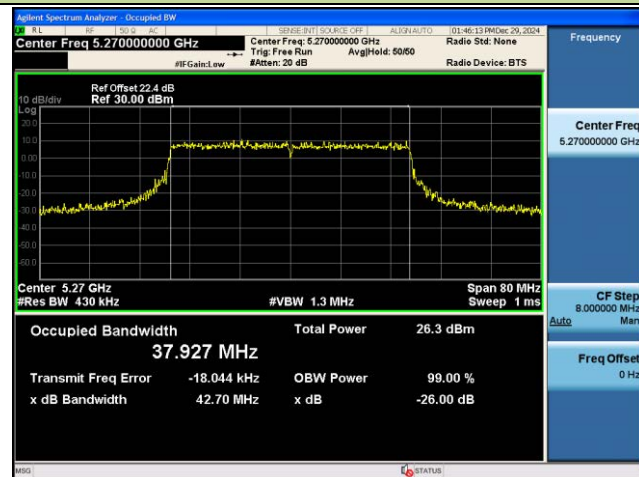
Channel 38 (5190MHz)



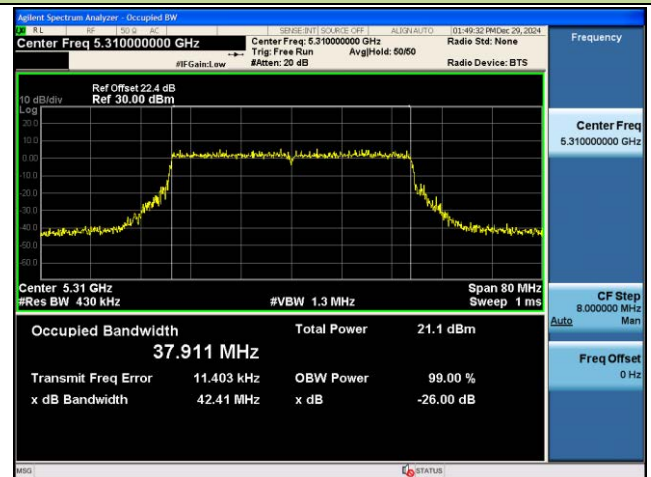
Channel 46 (5230MHz)



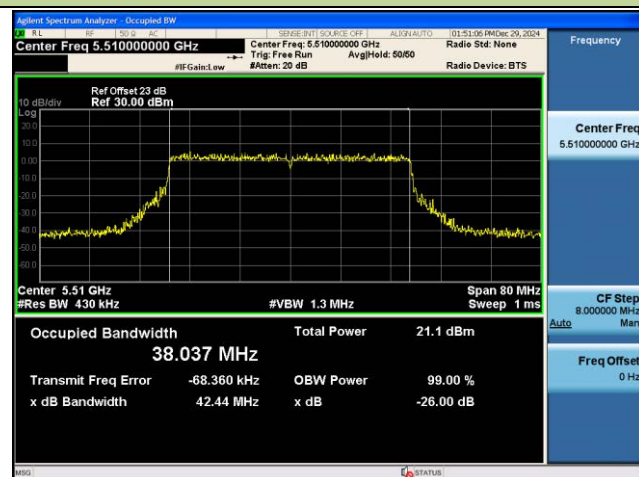
Channel 54 (5270MHz)



Channel 62 (5310MHz)



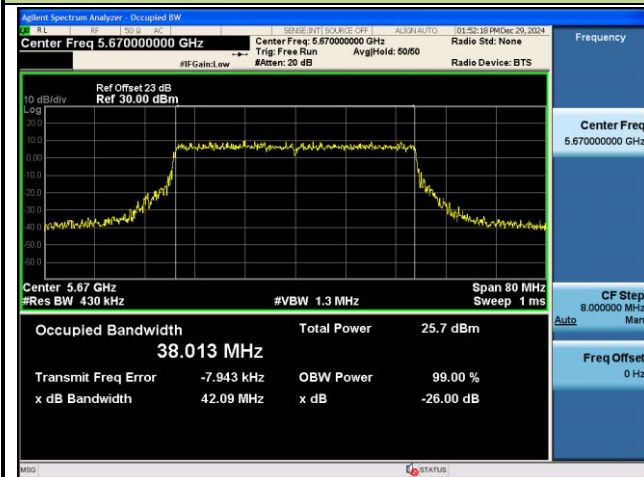
Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)



Channel 142 (5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)

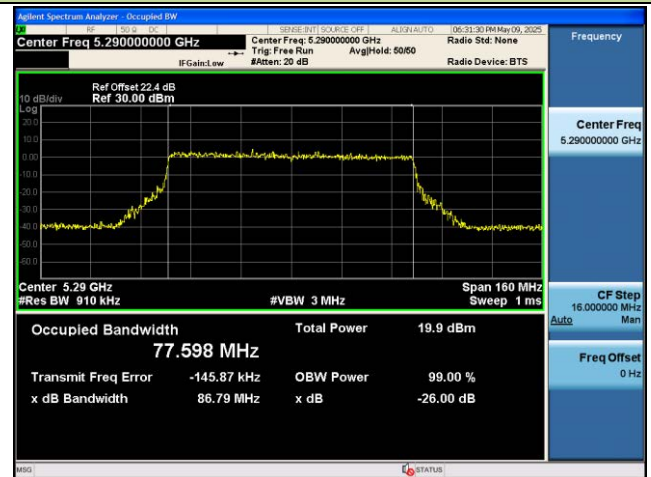


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

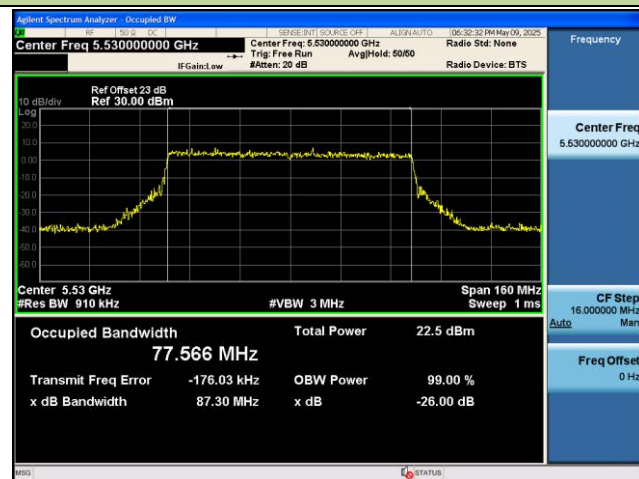
Channel 42 (5210MHz)



Channel 58 (5290MHz)



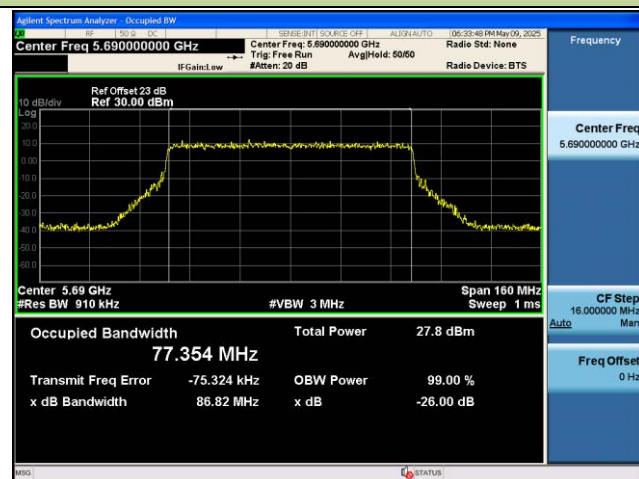
Channel 106 (5530MHz)



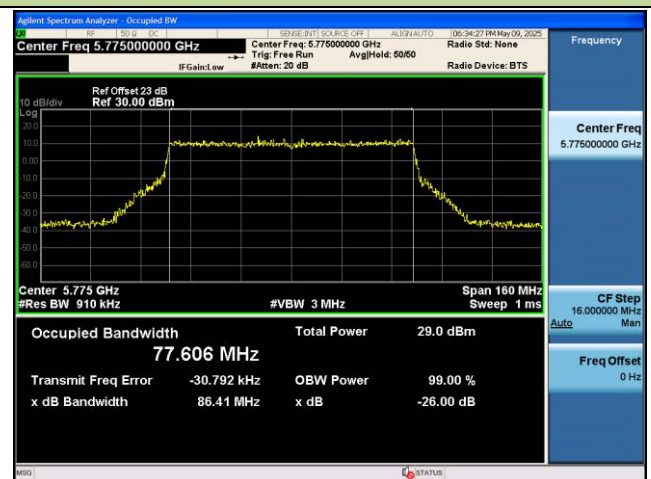
Channel 122 (5610MHz)



Channel 138 (5690MHz)

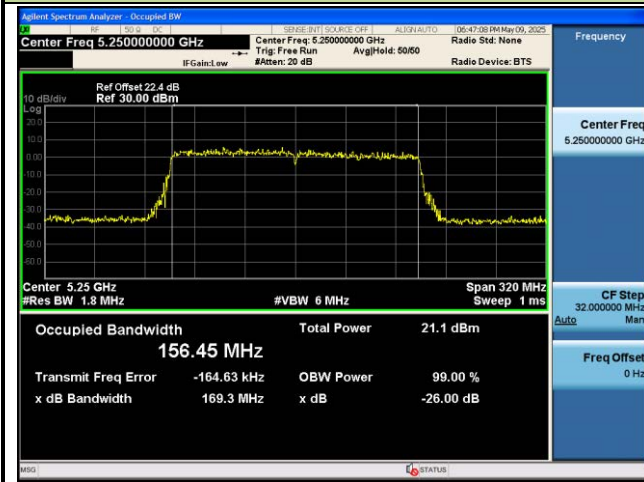


Channel 155 (5775MHz)

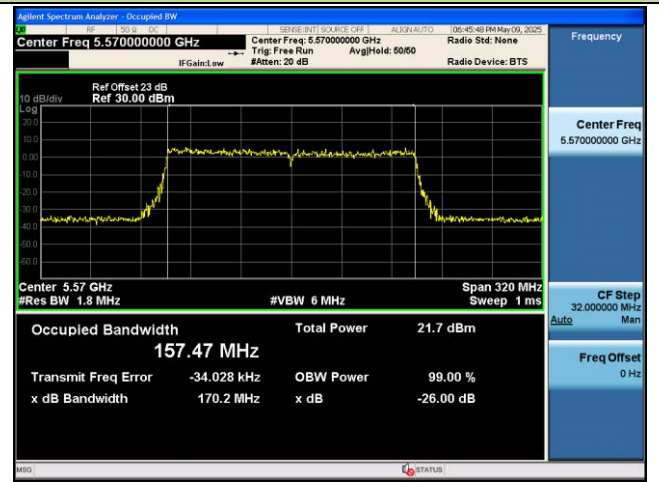


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

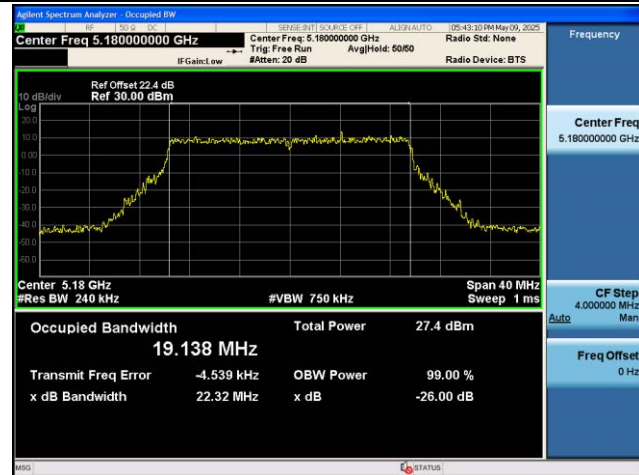


Channel 114 (5570MHz)

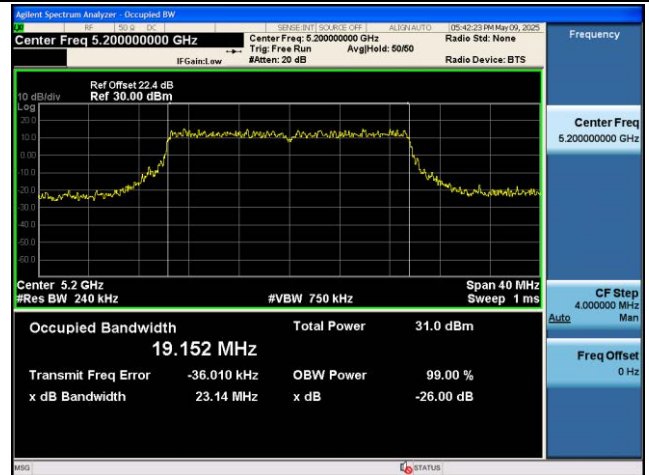


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

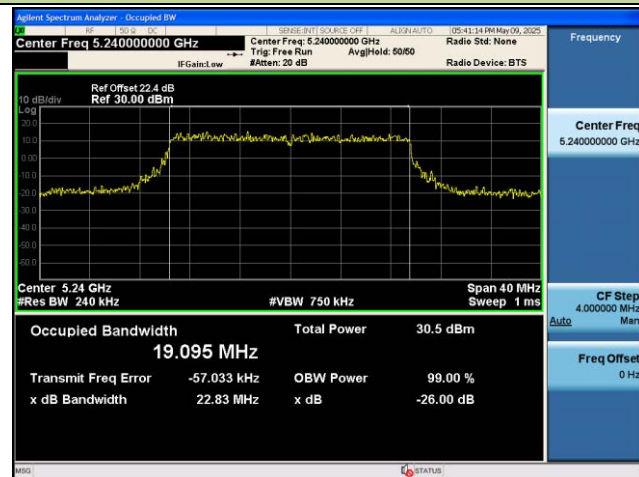
Channel 36 (5180MHz)



Channel 40 (5200MHz)



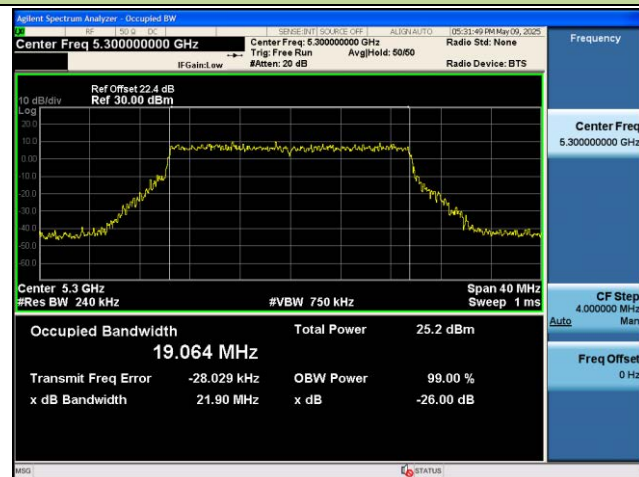
Channel 48 (5240MHz)



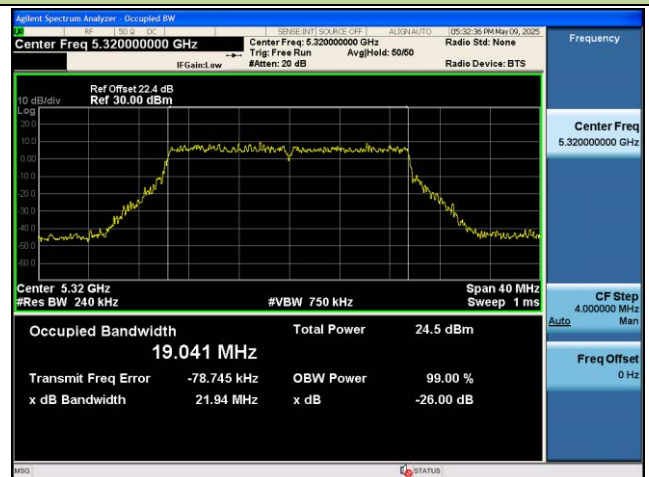
Channel 52 (5260MHz)

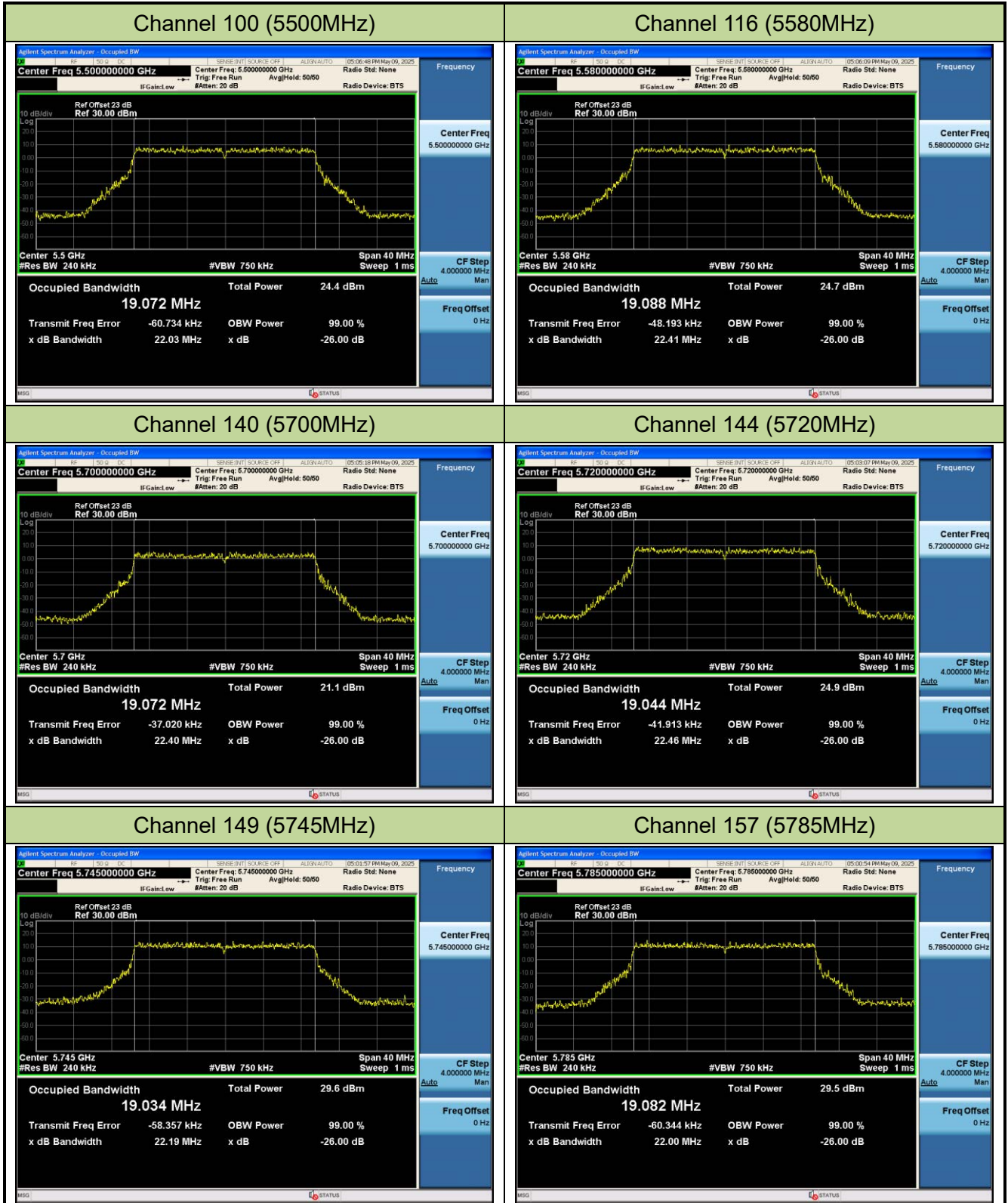


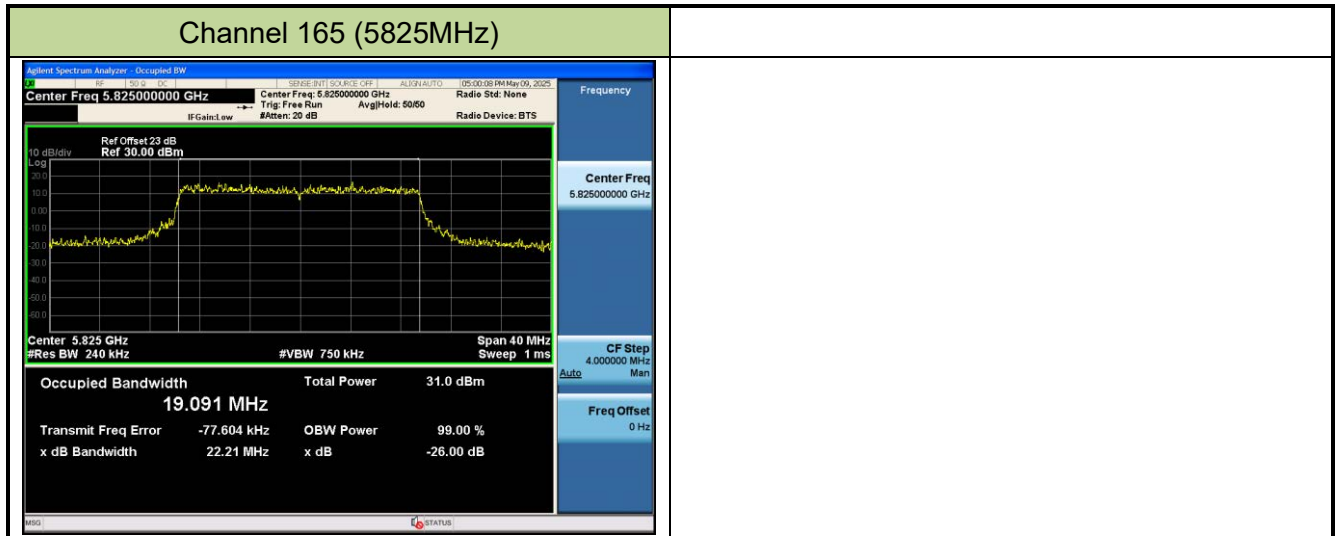
Channel 60 (5300MHz)



Channel 64 (5320MHz)

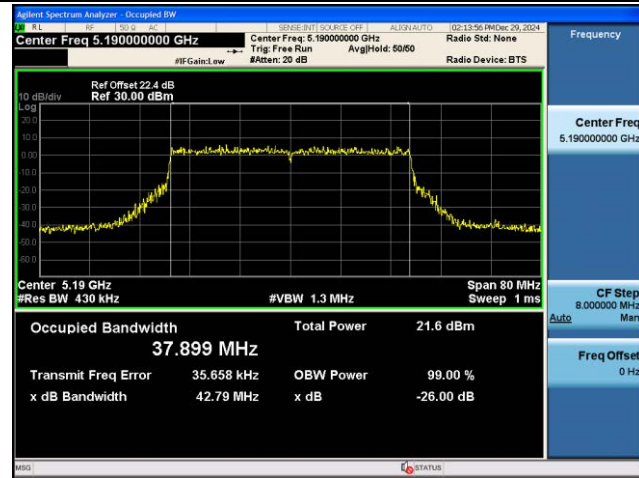






802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

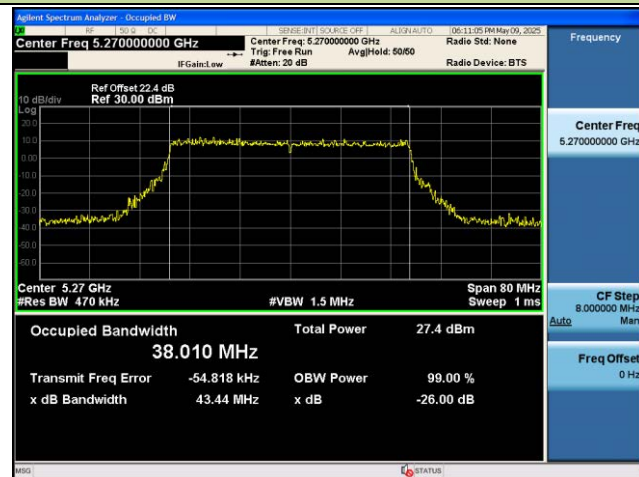
Channel 38 (5190MHz)



Channel 46 (5230MHz)



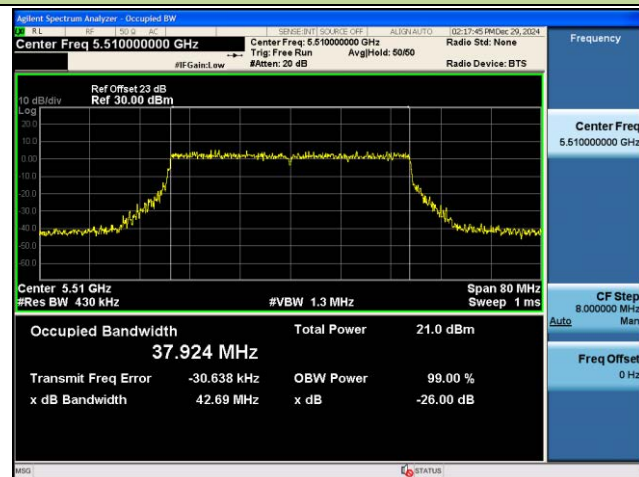
Channel 54 (5270MHz)



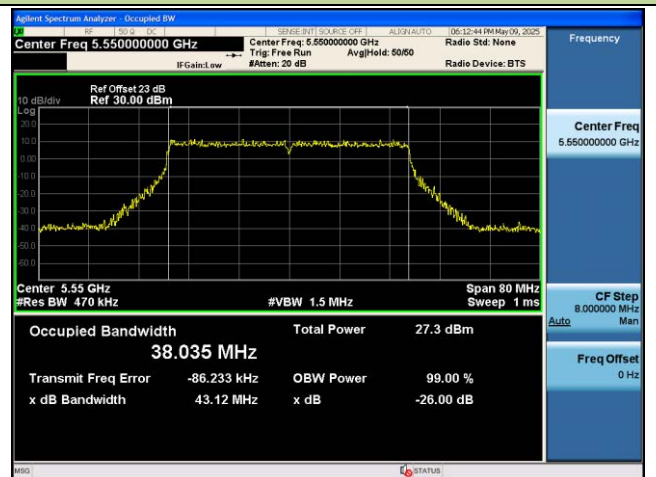
Channel 62 (5310MHz)

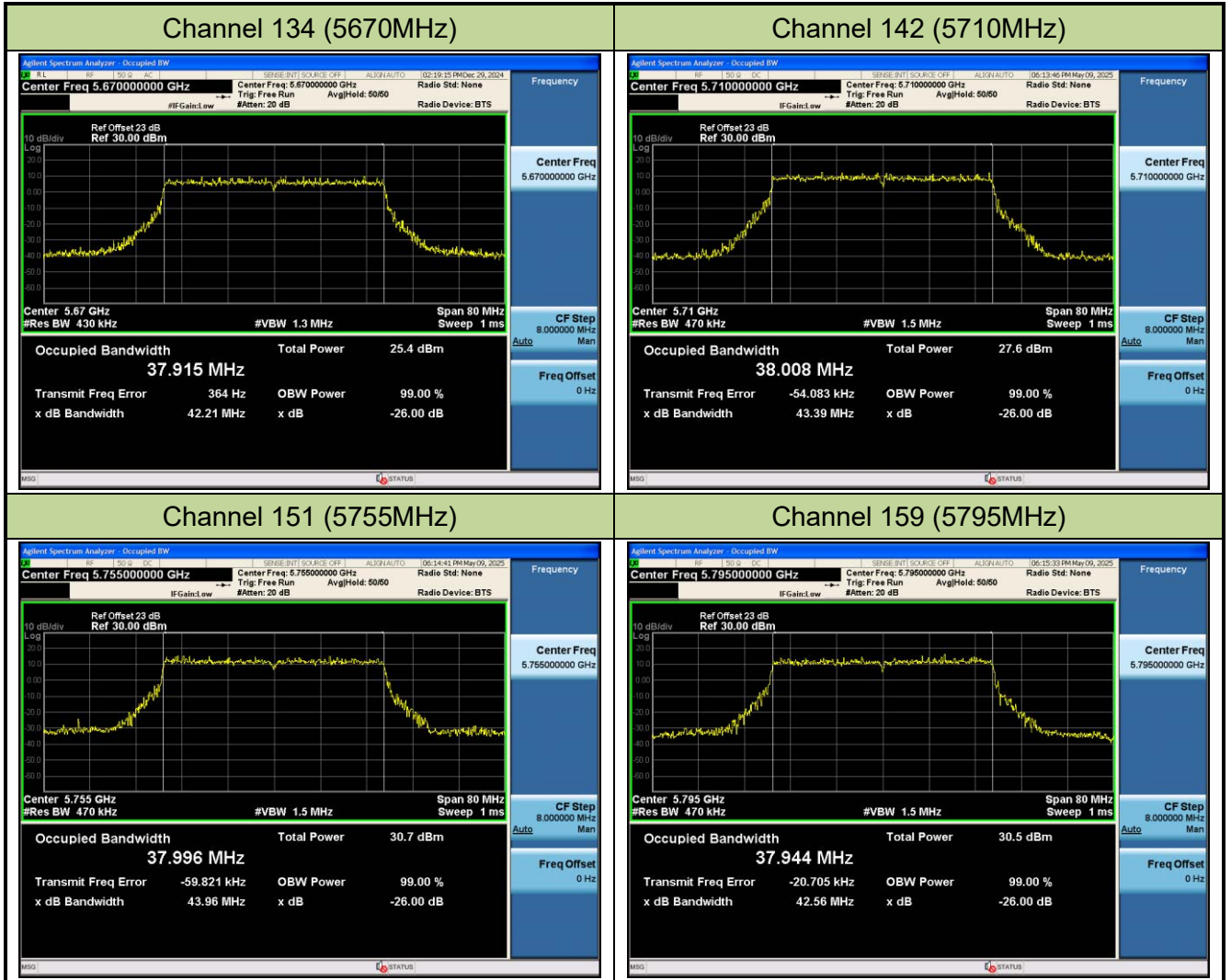


Channel 102 (5510MHz)



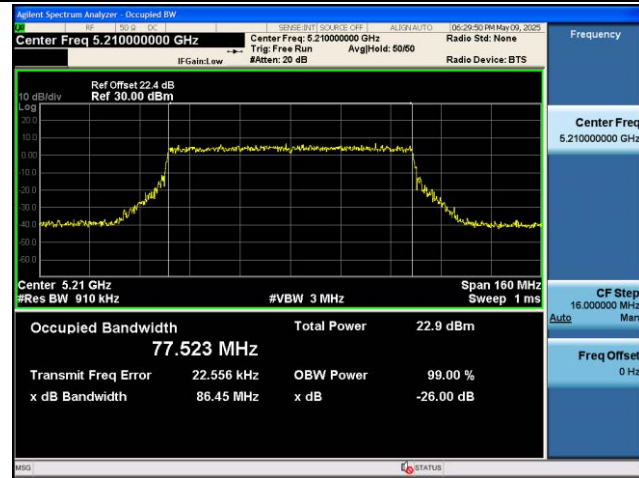
Channel 110 (5550MHz)



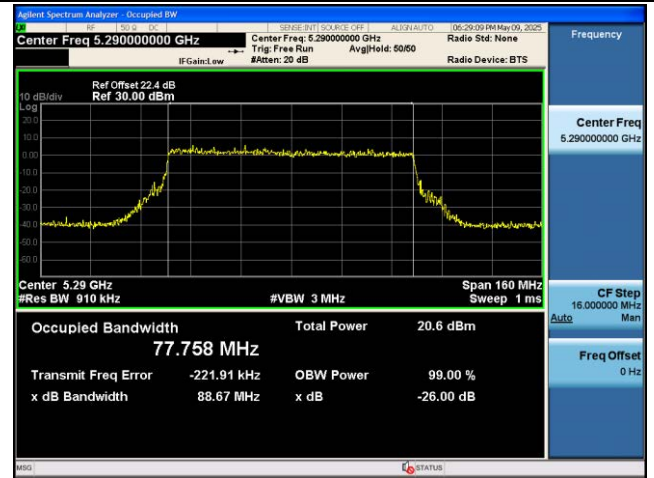


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

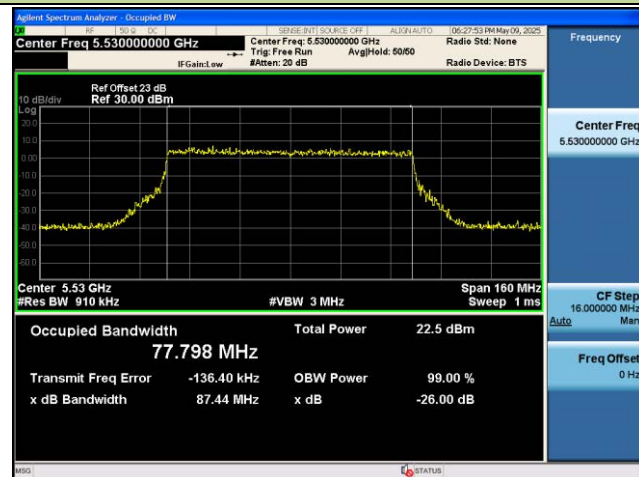
Channel 42 (5210MHz)



Channel 58 (5290MHz)



Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)

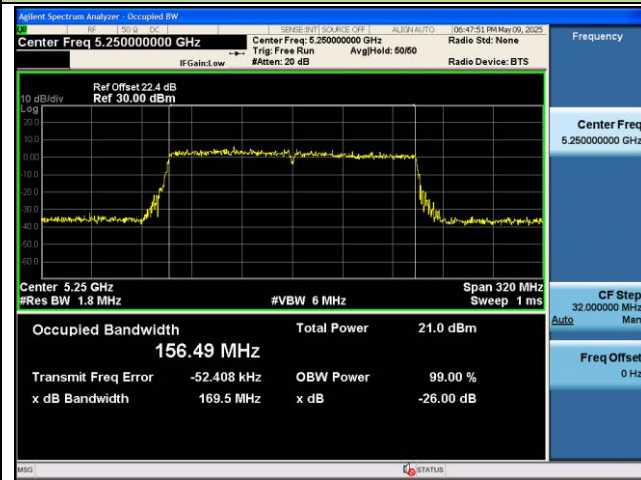


Channel 155 (5775MHz)

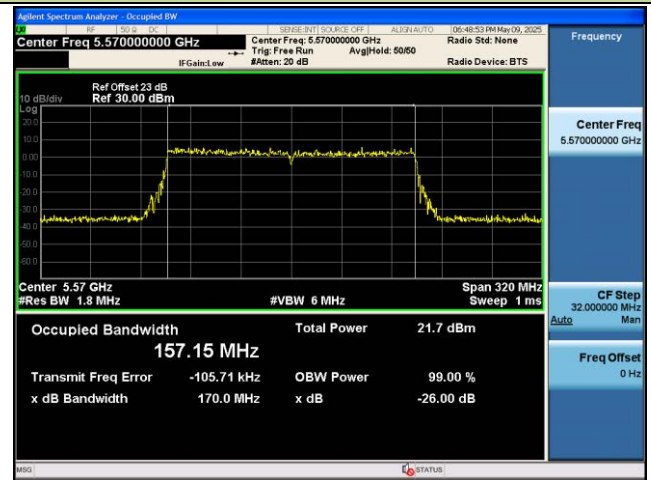


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

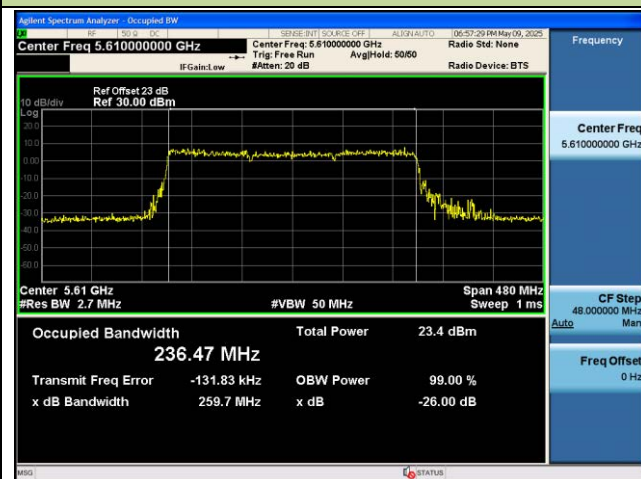


Channel 114 (5570MHz)



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.

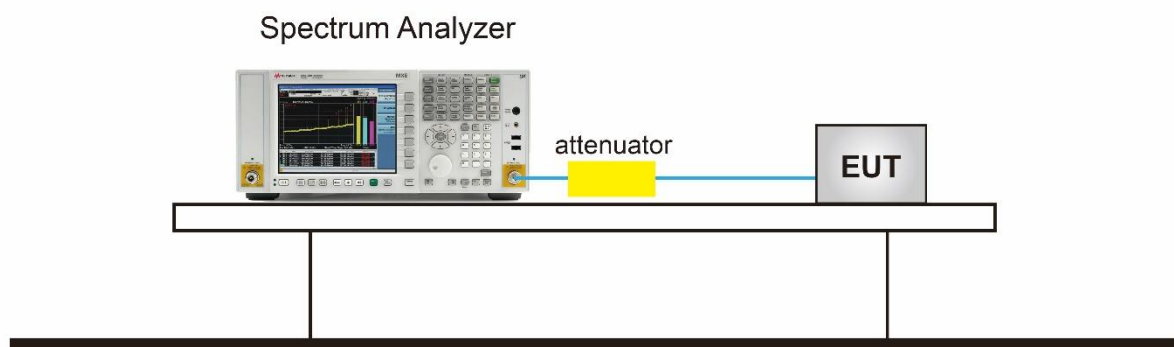
7.3.2. Test Procedure used

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



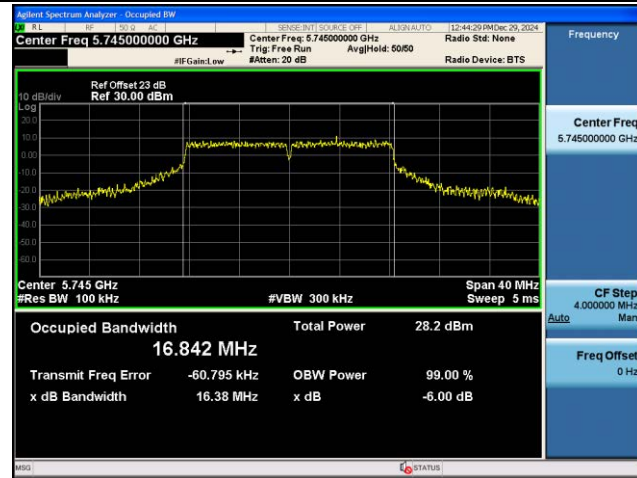
7.3.5.TestResult

Product	BE11000 Tri-Band Wi-Fi 7 Gaming Router	Test Engineer	Peter
Test Site	SR6	Test Date	2024/12/29

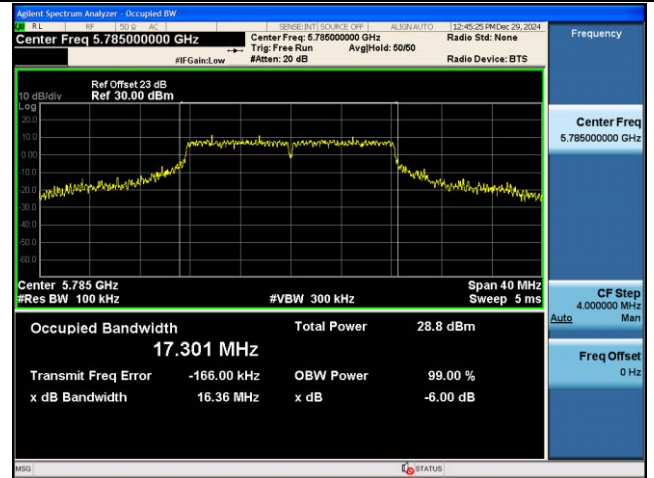
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0						
802.11a	6Mbps	149	5745	16.380	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.360	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.080	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.600	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.590	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.740	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	36.450	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	36.420	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.460	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	18.940	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	18.940	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	19.040	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	37.980	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	37.980	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	77.960	≥ 0.5	Pass
802.11be-EHT20	MCS0	149	5745	18.960	≥ 0.5	Pass
802.11be-EHT20	MCS0	157	5785	19.080	≥ 0.5	Pass
802.11be-EHT20	MCS0	165	5825	19.040	≥ 0.5	Pass
802.11be-EHT40	MCS0	151	5755	37.970	≥ 0.5	Pass
802.11be-EHT40	MCS0	159	5795	37.940	≥ 0.5	Pass
802.11be-EHT80	MCS0	155	5775	77.720	≥ 0.5	Pass

802.11a 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

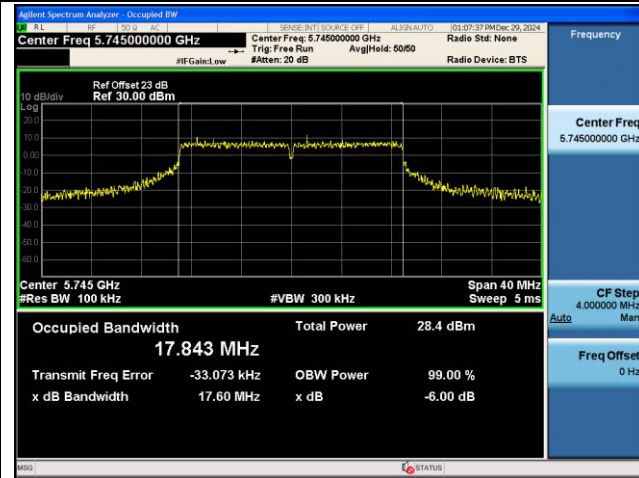


Channel 165 (5825MHz)

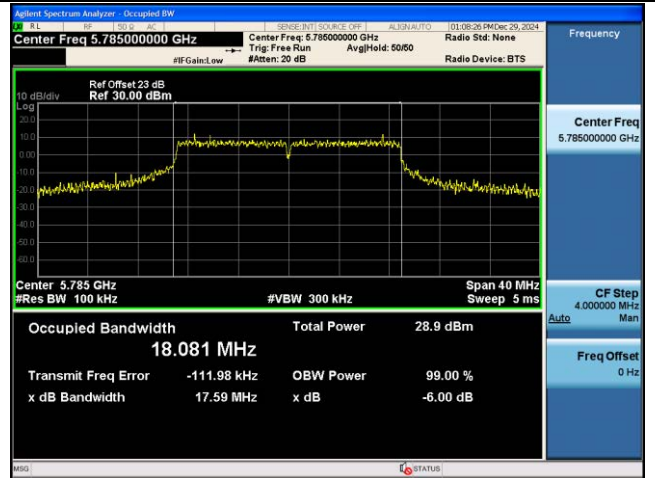


802.11ac-VHT20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

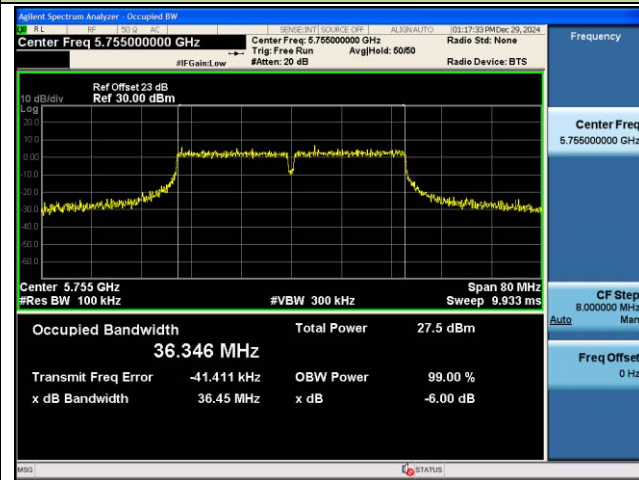


Channel 165 (5825MHz)



802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)



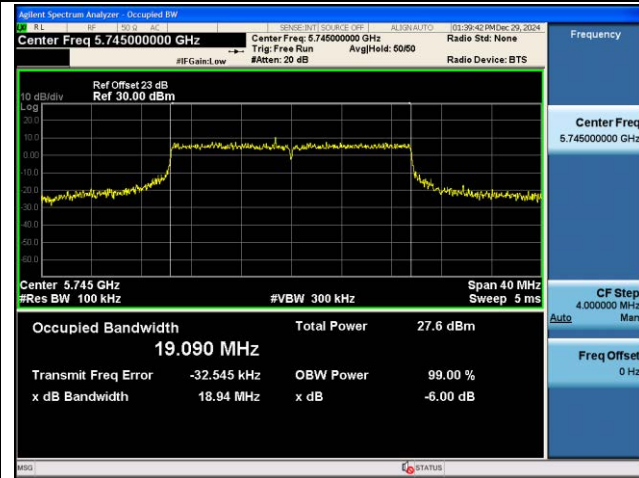
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)



802.11ax-HE20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

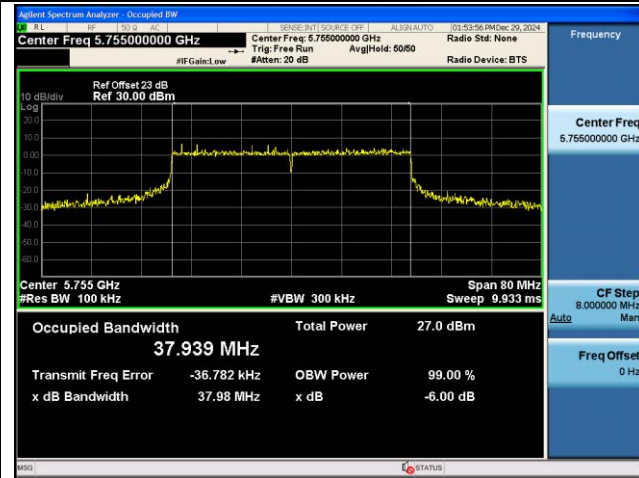


Channel 165 (5825MHz)



802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)



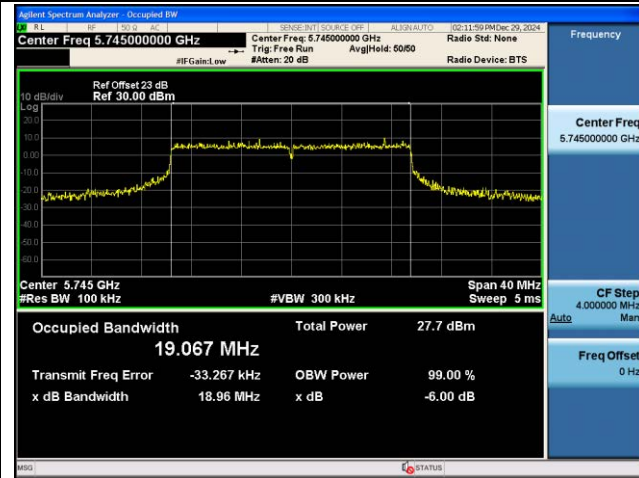
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)



802.11be-EHT20 dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

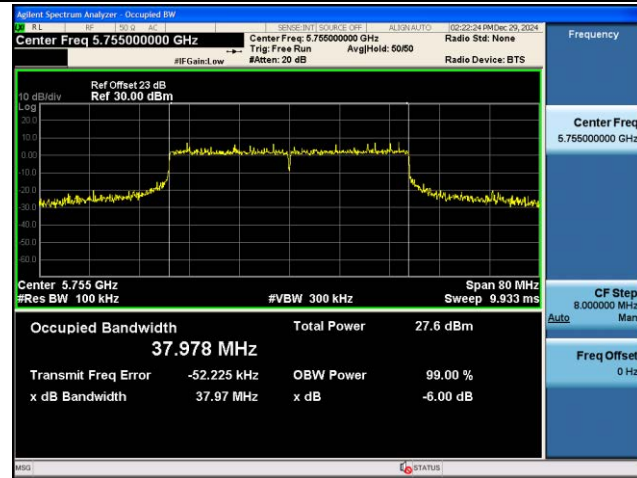


Channel 165 (5825MHz)



802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11be-EHT80 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.

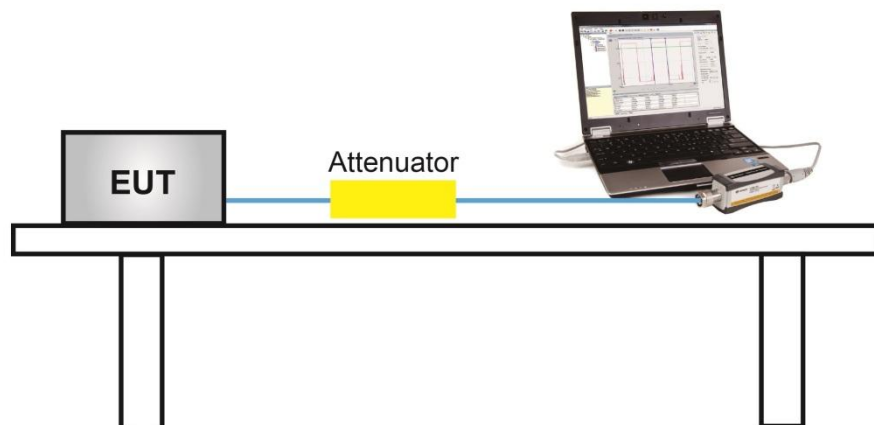
7.4.2. Test Procedure Used

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	BE11000 Tri-Band Wi-Fi 7 Gaming Router	Test Engineer	Peter
Test Site	SR6	Test Date	2025/1/2
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	21.06	20.30	23.71	≤ 30.00	Pass
11a	6Mbps	40	5200	24.50	23.59	27.08	≤ 30.00	Pass
11a	6Mbps	48	5240	24.31	23.47	26.92	≤ 30.00	Pass
11a	6Mbps	52	5260	19.06	18.09	21.61	≤ 23.98	Pass
11a	6Mbps	60	5300	18.83	17.94	21.42	≤ 23.98	Pass
11a	6Mbps	64	5320	18.75	18.05	21.42	≤ 23.98	Pass
11a	6Mbps	100	5500	18.99	17.88	21.48	≤ 23.98	Pass
11a	6Mbps	116	5580	18.67	18.52	21.61	≤ 23.98	Pass
11a	6Mbps	140	5700	18.94	18.62	21.79	≤ 23.98	Pass
11a	6Mbps	144	5720	18.93	18.97	21.96	≤ 23.08	Pass
11a	6Mbps	149	5745	24.31	23.95	27.14	≤ 30.00	Pass
11a	6Mbps	157	5785	24.90	23.92	27.45	≤ 30.00	Pass
11a	6Mbps	165	5825	24.65	23.90	27.30	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	20.40	19.79	23.12	≤ 30.00	Pass
11ac-VHT20	MCS0	40	5200	23.98	23.13	26.59	≤ 30.00	Pass
11ac-VHT20	MCS0	48	5240	23.79	22.83	26.35	≤ 30.00	Pass
11ac-VHT20	MCS0	52	5260	19.61	18.87	22.27	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	19.38	18.86	22.14	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	19.51	18.79	22.18	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	19.60	18.54	22.11	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	18.95	18.87	21.92	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	19.48	19.19	22.35	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	19.00	19.03	22.03	≤ 23.08	Pass
11ac-VHT20	MCS0	149	5745	24.38	24.22	27.31	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	24.90	24.04	27.50	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	24.65	24.32	27.50	≤ 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	16.82	16.21	19.54	≤ 30.00	Pass
11ac-VHT40	MCS0	46	5230	23.39	23.00	26.21	≤ 30.00	Pass
11ac-VHT40	MCS0	54	5270	21.19	20.36	23.81	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	14.83	14.19	17.53	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	20.28	19.47	22.90	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	20.95	20.77	23.87	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	20.93	20.47	23.72	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	20.73	20.71	23.73	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	24.23	24.10	27.18	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	24.81	24.00	27.43	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	16.48	16.40	19.45	≤ 30.00	Pass
11ac-VHT80	MCS0	58	5290	13.18	12.54	15.88	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	16.30	15.75	19.04	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	21.05	20.68	23.88	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	20.95	20.66	23.82	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	21.09	20.16	23.66	≤ 30.00	Pass
11ac-VHT160	MCS0	50	5250	13.71	13.10	16.43	≤ 23.98	Pass
11ac-VHT160	MCS0	114	5570	14.06	13.74	16.91	≤ 23.98	Pass
11ax-HE20	MCS0	36	5180	19.75	19.27	22.53	≤ 30.00	Pass
11ax-HE20	MCS0	40	5200	24.68	24.24	27.48	≤ 30.00	Pass
11ax-HE20	MCS0	48	5240	23.43	22.91	26.19	≤ 30.00	Pass
11ax-HE20	MCS0	52	5260	19.75	18.86	22.34	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	19.55	19.08	22.33	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	19.56	18.91	22.26	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	19.73	18.67	22.24	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	19.33	19.38	22.37	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	16.44	16.23	19.35	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	19.13	19.18	22.17	≤ 22.99	Pass
11ax-HE20	MCS0	149	5745	24.18	24.00	27.10	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	24.72	23.78	27.29	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	24.33	23.83	27.10	≤ 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	16.26	15.64	18.97	≤ 30.00	Pass
11ax-HE40	MCS0	46	5230	23.30	22.94	26.13	≤ 30.00	Pass
11ax-HE40	MCS0	54	5270	21.17	20.30	23.77	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	15.26	14.65	17.98	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	16.14	15.07	18.65	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	20.92	20.63	23.79	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	20.99	20.40	23.72	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	20.70	20.77	23.75	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	24.11	24.17	27.15	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	24.73	23.76	27.28	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	15.91	15.83	18.88	≤ 30.00	Pass
11ax-HE80	MCS0	58	5290	12.61	12.04	15.34	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	15.34	14.83	18.10	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	20.68	20.31	23.51	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	20.87	20.74	23.82	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	21.64	20.52	24.13	≤ 30.00	Pass
11ax-HE160	MCS0	50	5250	13.54	13.06	16.32	≤ 23.98	Pass
11ax-HE160	MCS0	114	5570	13.54	13.17	16.37	≤ 23.98	Pass
11be-EHT20	MCS0	36	5180	20.77	20.45	23.62	≤ 30.00	Pass
11be-EHT20	MCS0	40	5200	23.90	23.27	26.61	≤ 30.00	Pass
11be-EHT20	MCS0	48	5240	23.54	22.96	26.27	≤ 30.00	Pass
11be-EHT20	MCS0	52	5260	19.71	18.96	22.36	≤ 23.98	Pass
11be-EHT20	MCS0	60	5300	19.55	18.99	22.29	≤ 23.98	Pass
11be-EHT20	MCS0	64	5320	18.25	17.46	20.88	≤ 23.98	Pass
11be-EHT20	MCS0	100	5500	19.73	18.74	22.27	≤ 23.98	Pass
11be-EHT20	MCS0	116	5580	19.35	19.39	22.38	≤ 23.98	Pass
11be-EHT20	MCS0	140	5700	14.87	14.70	17.80	≤ 23.98	Pass
11be-EHT20	MCS0	144	5720	19.12	19.18	22.16	≤ 23.08	Pass
11be-EHT20	MCS0	149	5745	24.28	24.36	27.33	≤ 30.00	Pass
11be-EHT20	MCS0	157	5785	24.53	23.50	27.06	≤ 30.00	Pass
11be-EHT20	MCS0	165	5825	24.63	23.76	27.23	≤ 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	16.13	15.49	18.83	≤ 30.00	Pass
11be-EHT40	MCS0	46	5230	23.18	22.94	26.07	≤ 30.00	Pass
11be-EHT40	MCS0	54	5270	21.06	20.00	23.57	≤ 23.98	Pass
11be-EHT40	MCS0	62	5310	15.04	14.49	17.78	≤ 23.98	Pass
11be-EHT40	MCS0	102	5510	15.89	14.86	18.42	≤ 23.98	Pass
11be-EHT40	MCS0	110	5550	20.78	20.20	23.51	≤ 23.98	Pass
11be-EHT40	MCS0	134	5670	20.80	20.23	23.53	≤ 23.98	Pass
11be-EHT40	MCS0	142	5710	20.57	20.48	23.54	≤ 23.98	Pass
11be-EHT40	MCS0	151	5755	24.41	24.43	27.43	≤ 30.00	Pass
11be-EHT40	MCS0	159	5795	24.71	23.72	27.25	≤ 30.00	Pass
11be-EHT80	MCS0	42	5210	16.07	16.02	19.06	≤ 30.00	Pass
11be-EHT80	MCS0	58	5290	13.27	12.65	15.98	≤ 23.98	Pass
11be-EHT80	MCS0	106	5530	15.38	14.86	18.14	≤ 23.98	Pass
11be-EHT80	MCS0	122	5610	20.79	20.33	23.58	≤ 23.98	Pass
11be-EHT80	MCS0	138	5690	20.94	20.56	23.76	≤ 23.98	Pass
11be-EHT80	MCS0	155	5775	22.02	21.14	24.61	≤ 30.00	Pass
11be-EHT160	MCS0	50	5250	13.70	13.22	16.48	≤ 23.98	Pass
11be-EHT160	MCS0	114	5570	13.58	13.30	16.45	≤ 23.98	Pass
11be-EHT240	MCS0	130	5650	14.47	14.17	17.33	≤ 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) = $11 + 10 \cdot \log(5\text{MHz} + BW_{26\text{dBc}}/2)$

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.

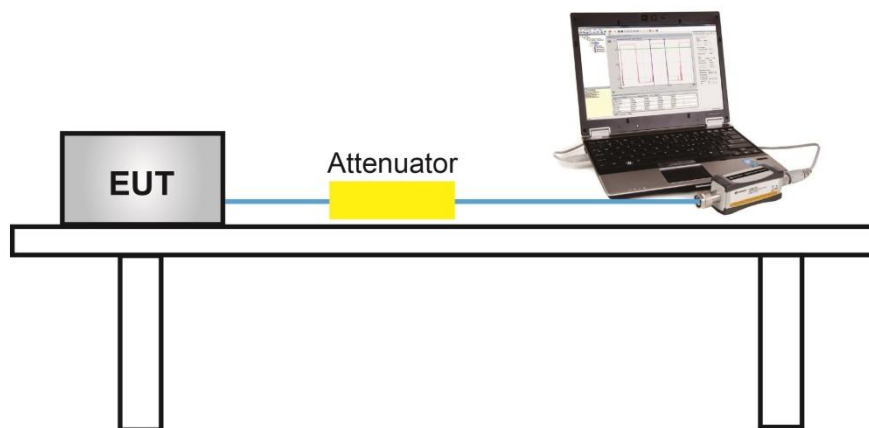
7.5.2. Test Procedure Used

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.

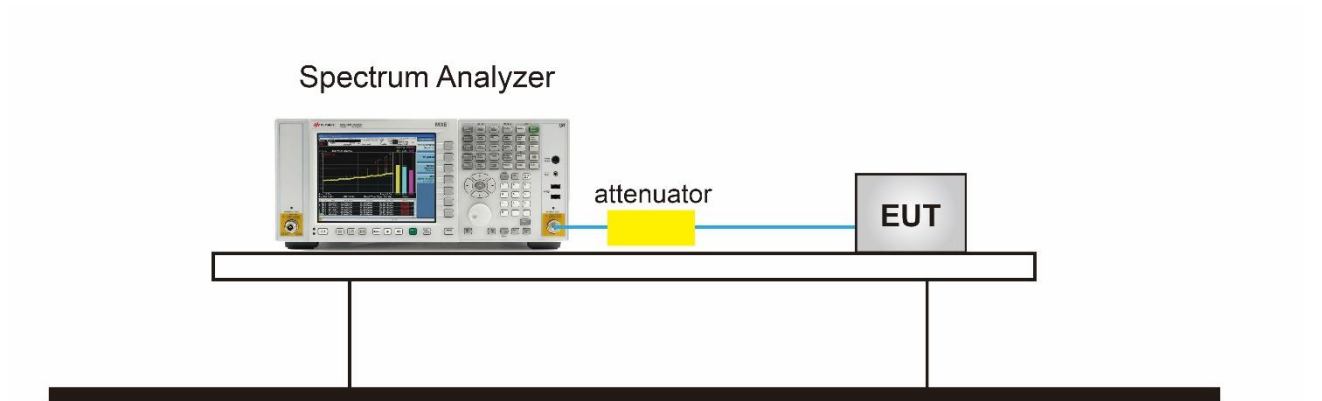
7.6.2. Test Procedure Used

KDB 789033 D02v02r01-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	BE11000 Tri-Band Wi-Fi 7 Gaming Router	Test Engineer	Peter
Test Site	SR6	Test Date	2024/12/9~2024/12/11
Mode	Power Spectral Density (U-NII- 1/-2a / -2c) CDD Mode		

Test Mode	Data Rate /MCS	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/ MHz)	Ant 1 PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	6Mbps	36	5180	13.605	13.144	98.56%	16.454	≤ 17.00	Pass
11a	6Mbps	40	5200	13.416	12.745	98.56%	16.167	≤ 17.00	Pass
11a	6Mbps	48	5240	13.584	12.961	98.56%	16.357	≤ 17.00	Pass
11a	6Mbps	52	5260	7.780	7.007	98.56%	10.484	≤ 11.00	Pass
11a	6Mbps	60	5300	7.544	7.054	98.56%	10.379	≤ 11.00	Pass
11a	6Mbps	64	5320	7.527	7.228	98.56%	10.453	≤ 11.00	Pass
11a	6Mbps	100	5500	8.126	6.844	98.56%	10.605	≤ 10.99	Pass
11a	6Mbps	116	5580	7.505	7.577	98.56%	10.614	≤ 10.99	Pass
11a	6Mbps	140	5700	7.684	7.059	98.56%	10.456	≤ 10.99	Pass
11a	6Mbps	144	5720	7.861	7.749	98.56%	10.879	≤ 10.99	Pass
11ac-VHT20	MCS0	36	5180	13.466	12.530	99.19%	16.069	≤ 17.00	Pass
11ac-VHT20	MCS0	40	5200	13.094	12.375	99.19%	15.795	≤ 17.00	Pass
11ac-VHT20	MCS0	48	5240	13.422	12.552	99.19%	16.054	≤ 17.00	Pass
11ac-VHT20	MCS0	52	5260	8.051	7.209	99.19%	10.696	≤ 11.00	Pass
11ac-VHT20	MCS0	60	5300	7.988	7.368	99.19%	10.735	≤ 11.00	Pass
11ac-VHT20	MCS0	64	5320	8.076	7.417	99.19%	10.805	≤ 11.00	Pass
11ac-VHT20	MCS0	100	5500	8.331	7.355	99.19%	10.916	≤ 10.99	Pass
11ac-VHT20	MCS0	116	5580	7.409	7.231	99.19%	10.367	≤ 10.99	Pass
11ac-VHT20	MCS0	140	5700	7.962	7.870	99.19%	10.962	≤ 10.99	Pass
11ac-VHT20	MCS0	144	5720	7.657	7.741	99.19%	10.745	≤ 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-VHT40	MCS0	38	5190	10.343	9.822	99.65%	13.116	≤ 17.00	Pass
11ac-VHT40	MCS0	46	5230	10.109	9.417	99.65%	12.802	≤ 17.00	Pass
11ac-VHT40	MCS0	54	5270	6.977	5.595	99.65%	9.366	≤ 11.00	Pass
11ac-VHT40	MCS0	62	5310	6.471	5.919	99.65%	9.229	≤ 11.00	Pass
11ac-VHT40	MCS0	102	5510	7.092	5.707	99.65%	9.480	≤ 10.99	Pass
11ac-VHT40	MCS0	110	5550	6.418	5.785	99.65%	9.139	≤ 10.99	Pass
11ac-VHT40	MCS0	134	5670	6.459	5.634	99.65%	9.092	≤ 10.99	Pass
11ac-VHT40	MCS0	142	5710	6.091	5.806	99.65%	8.976	≤ 10.99	Pass
11ac-VHT80	MCS0	42	5210	6.984	6.178	99.05%	9.651	≤ 17.00	Pass
11ac-VHT80	MCS0	58	5290	3.922	2.975	99.05%	6.526	≤ 11.00	Pass
11ac-VHT80	MCS0	106	5530	3.636	2.599	99.05%	6.200	≤ 10.99	Pass
11ac-VHT80	MCS0	122	5610	3.725	2.653	99.05%	6.274	≤ 10.99	Pass
11ac-VHT80	MCS0	138	5690	3.157	2.704	99.05%	5.988	≤ 10.99	Pass
11ac-VHT160	MCS0	50	5250	1.444	0.489	99.21%	4.037	≤ 11.00	Pass
11ac-VHT160	MCS0	114	5570	0.822	0.385	99.21%	3.654	≤ 10.99	Pass
11ax-HE20	MCS0	36	5180	13.257	12.427	99.27%	15.904	≤ 17.00	Pass
11ax-HE20	MCS0	40	5200	13.064	12.250	99.27%	15.718	≤ 17.00	Pass
11ax-HE20	MCS0	48	5240	13.570	12.623	99.27%	16.164	≤ 17.00	Pass
11ax-HE20	MCS0	52	5260	8.328	7.020	99.27%	10.765	≤ 11.00	Pass
11ax-HE20	MCS0	60	5300	7.751	7.170	99.27%	10.512	≤ 11.00	Pass
11ax-HE20	MCS0	64	5320	8.226	7.060	99.27%	10.724	≤ 11.00	Pass
11ax-HE20	MCS0	100	5500	8.233	7.196	99.27%	10.787	≤ 10.99	Pass
11ax-HE20	MCS0	116	5580	7.770	7.531	99.27%	10.694	≤ 10.99	Pass
11ax-HE20	MCS0	140	5700	7.561	7.312	99.27%	10.480	≤ 10.99	Pass
11ax-HE20	MCS0	144	5720	7.491	7.650	99.27%	10.613	≤ 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
11ax-HE40	MCS0	38	5190	10.004	8.978	99.11%	12.570	≤ 17.00	Pass
11ax-HE40	MCS0	46	5230	9.933	9.027	99.11%	12.553	≤ 17.00	Pass
11ax-HE40	MCS0	54	5270	7.144	5.603	99.11%	9.491	≤ 11.00	Pass
11ax-HE40	MCS0	62	5310	6.366	5.948	99.11%	9.211	≤ 11.00	Pass
11ax-HE40	MCS0	102	5510	6.985	5.583	99.11%	9.389	≤ 10.99	Pass
11ax-HE40	MCS0	110	5550	6.231	5.819	99.11%	9.079	≤ 10.99	Pass
11ax-HE40	MCS0	134	5670	6.339	5.838	99.11%	9.145	≤ 10.99	Pass
11ax-HE40	MCS0	142	5710	6.125	6.043	99.11%	9.133	≤ 10.99	Pass
11ax-HE80	MCS0	42	5210	6.746	6.447	99.12%	9.648	≤ 17.00	Pass
11ax-HE80	MCS0	58	5290	3.625	3.122	99.12%	6.429	≤ 11.00	Pass
11ax-HE80	MCS0	106	5530	3.703	2.666	99.12%	6.264	≤ 10.99	Pass
11ax-HE80	MCS0	122	5610	2.950	2.391	99.12%	5.728	≤ 10.99	Pass
11ax-HE80	MCS0	122	5690	3.051	2.676	99.12%	5.916	≤ 10.99	Pass
11ax-HE160	MCS0	50	5250	1.734	0.494	98.72%	4.224	≤ 11.00	Pass
11ax-HE160	MCS0	114	5570	1.105	0.262	98.72%	3.770	≤ 10.99	Pass
11be-EHT20	MCS0	36	5180	13.131	12.347	99.29%	15.798	≤ 17.00	Pass
11be-EHT20	MCS0	40	5200	12.879	11.972	99.29%	15.490	≤ 17.00	Pass
11be-EHT20	MCS0	48	5240	13.849	12.533	99.29%	16.282	≤ 17.00	Pass
11be-EHT20	MCS0	52	5260	8.142	7.024	99.29%	10.660	≤ 11.00	Pass
11be-EHT20	MCS0	60	5300	7.530	7.068	99.29%	10.346	≤ 11.00	Pass
11be-EHT20	MCS0	64	5320	7.906	7.205	99.29%	10.611	≤ 11.00	Pass
11be-EHT20	MCS0	100	5500	8.261	6.890	99.29%	10.671	≤ 10.99	Pass
11be-EHT20	MCS0	116	5580	7.650	7.518	99.29%	10.626	≤ 10.99	Pass
11be-EHT20	MCS0	140	5700	7.699	7.407	99.29%	10.597	≤ 10.99	Pass
11be-EHT20	MCS0	144	5720	7.562	7.596	99.29%	10.620	≤ 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-EHT40	MCS0	38	5190	9.887	9.200	99.47%	12.590	≤ 17.00	Pass
11be-EHT40	MCS0	46	5230	9.994	8.992	99.47%	12.555	≤ 17.00	Pass
11be-EHT40	MCS0	54	5270	6.650	5.414	99.47%	9.109	≤ 11.00	Pass
11be-EHT40	MCS0	62	5310	7.116	5.991	99.47%	9.623	≤ 11.00	Pass
11be-EHT40	MCS0	102	5510	6.760	5.385	99.47%	9.160	≤ 10.99	Pass
11be-EHT40	MCS0	110	5550	6.133	5.710	99.47%	8.960	≤ 10.99	Pass
11be-EHT40	MCS0	134	5670	6.025	5.483	99.47%	8.796	≤ 10.99	Pass
11be-EHT40	MCS0	142	5710	6.041	5.659	99.47%	8.888	≤ 10.99	Pass
11be-EHT80	MCS0	42	5210	7.057	6.378	99.30%	9.772	≤ 17.00	Pass
11be-EHT80	MCS0	58	5290	3.758	3.373	99.30%	6.611	≤ 11.00	Pass
11be-EHT80	MCS0	106	5530	3.736	3.010	99.30%	6.429	≤ 10.99	Pass
11be-EHT80	MCS0	122	5610	3.173	2.305	99.30%	5.801	≤ 10.99	Pass
11be-EHT80	MCS0	138	5690	3.306	3.185	99.30%	6.287	≤ 10.99	Pass
11be-EHT160	MCS0	50	5250	1.535	0.528	98.63%	4.131	≤ 11.00	Pass
11be-EHT160	MCS0	114	5570	0.607	-0.092	98.63%	3.342	≤ 10.99	Pass
11be-EHT240	MCS0	130	5650	-0.105	-0.953	99.36%	2.530	≤ 10.99	Pass

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

Note 2:

For 5150 - 5250MHz Band: PSD Limit (dBm/MHz) = 17.00dBm/MHz.

For 5250 - 5350MHz Band: PSD Limit (dBm/MHz) = 11.00dBm/MHz.

For 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (6.01 - 6) = 10.99dBm/MHz.