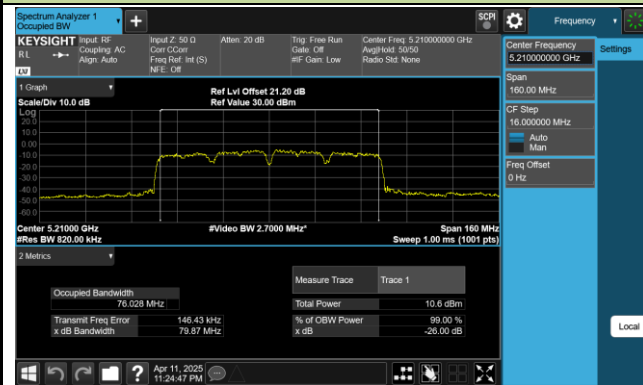
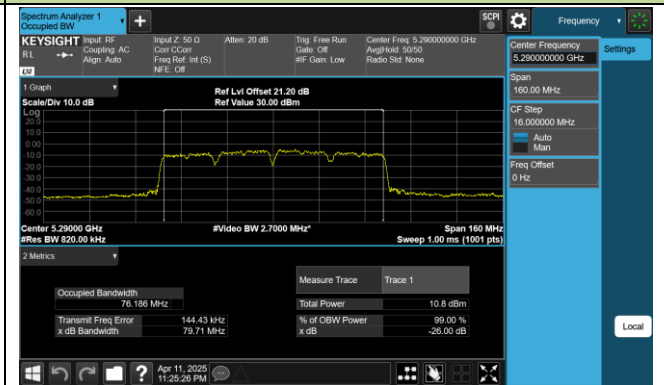


8802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

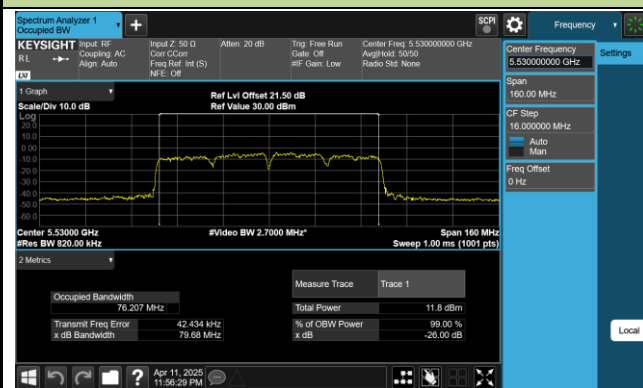
Channel 42 (5210MHz)



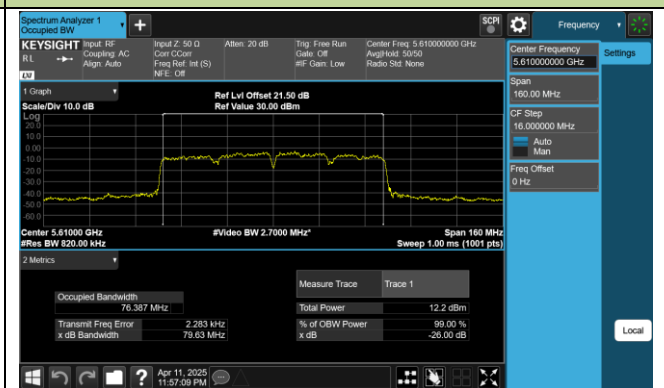
Channel 58 (5290MHz)



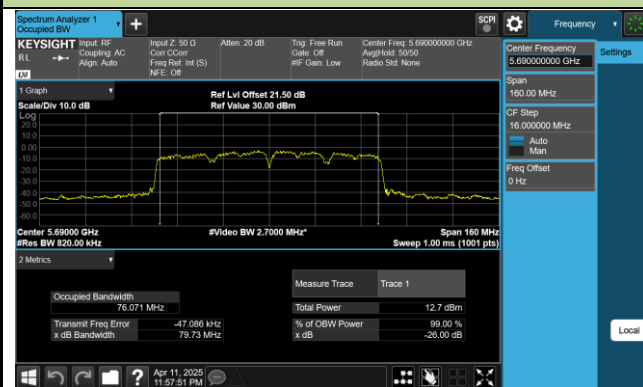
Channel 106 (5530MHz)



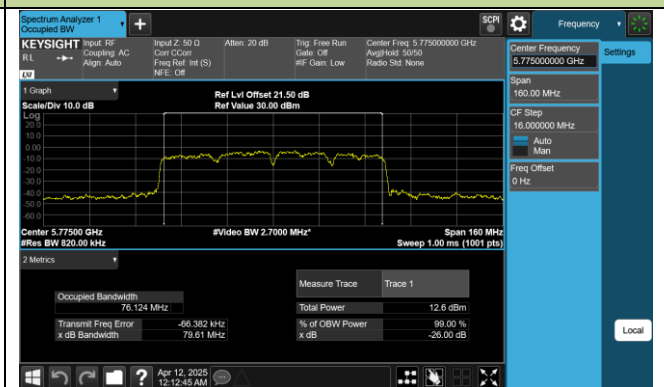
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



7.3. 6dB Bandwidth Measurement

7.3.1. Test Limit

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

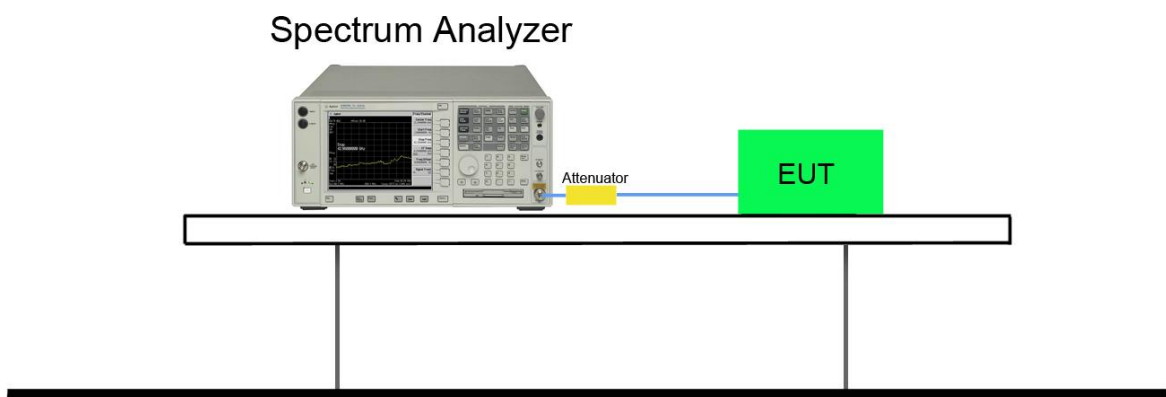
7.3.2. Test Procedure used

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 $\geq 3 \times$ 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



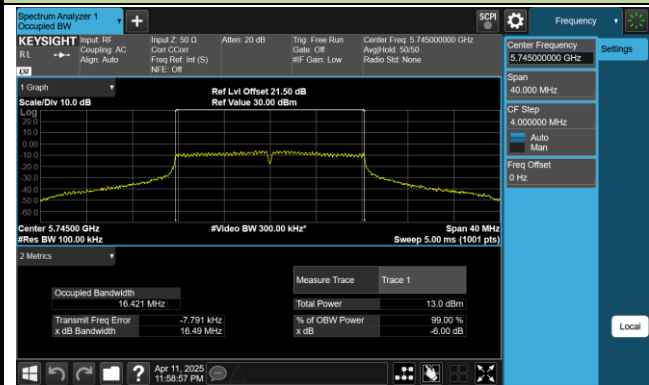
7.3.5. Test Result

Product	Smart touch panel tablet	Temperature	21°C
Test Engineer	Fran	Relative Humidity	56%
Test Site	SR6	Test Date	2025/4/12

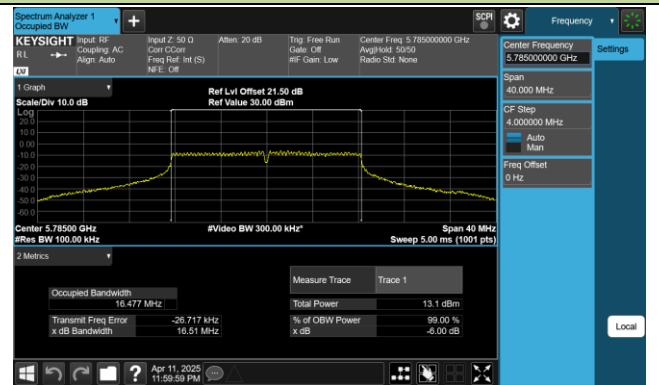
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1						
802.11a	6Mbps	149	5745	16.490	≥ 0.5	Pass
802.11a	6Mbps	157	5785	16.510	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.530	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.710	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.730	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.660	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	35.650	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	35.390	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	76.070	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	19.130	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	19.080	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	19.110	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	35.040	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	35.080	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	75.190	≥ 0.5	Pass

802.11a 6dB Bandwidth

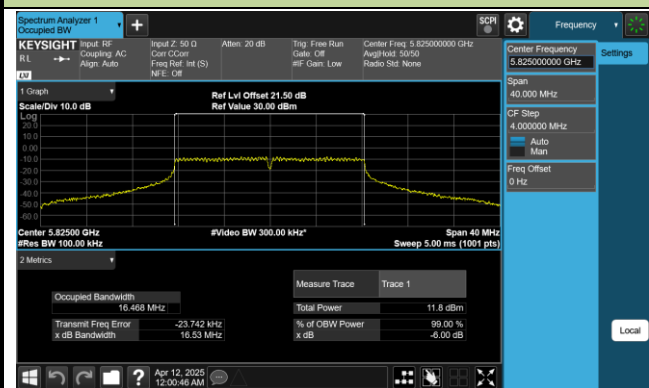
Channel 149 (5745MHz)



Channel 157 (5785MHz)

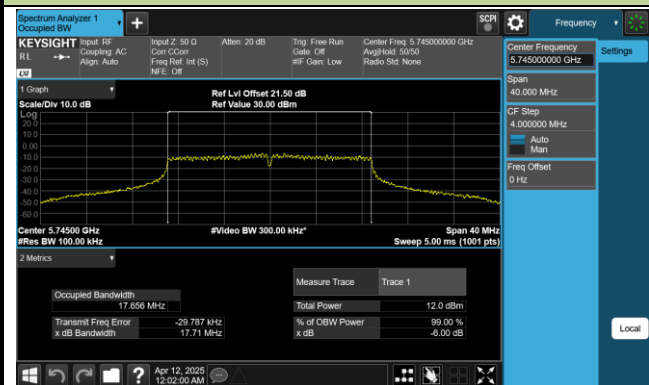


Channel 165 (5825MHz)

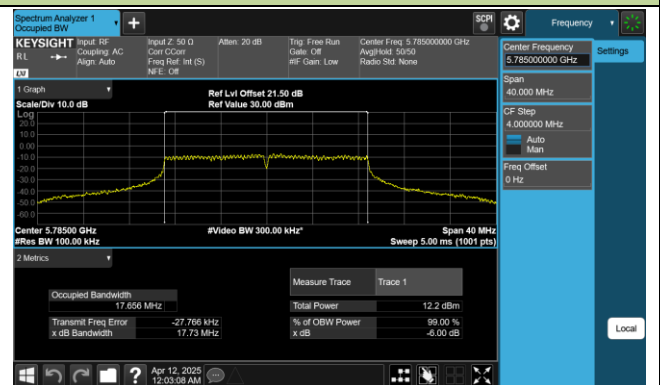


802.11ac-VHT20 6dB Bandwidth

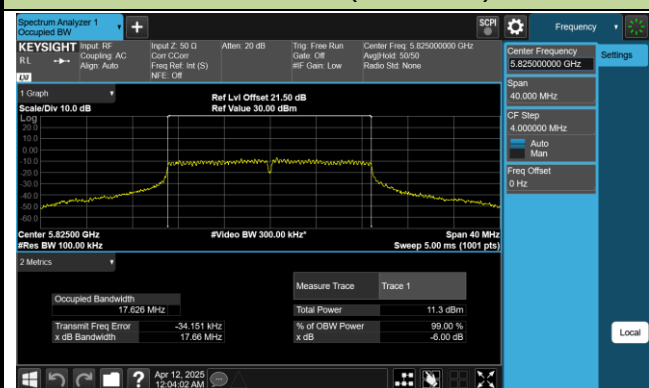
Channel 149 (5745MHz)



Channel 157 (5785MHz)

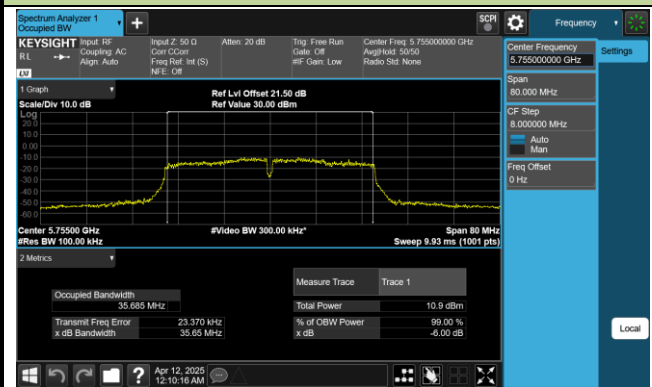


Channel 165 (5825MHz)

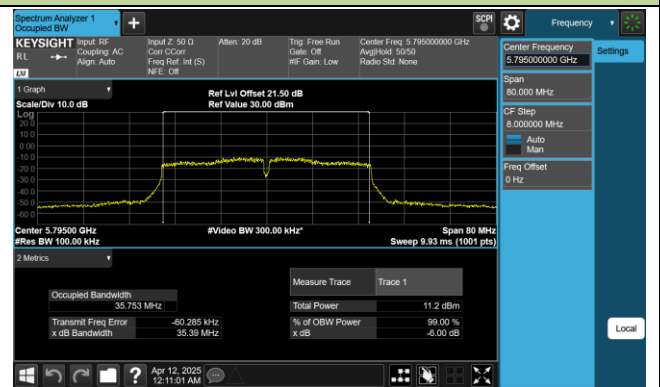


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

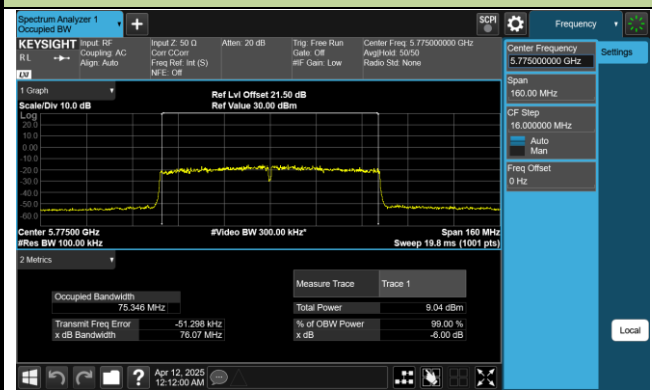


Channel 159 (5795MHz)



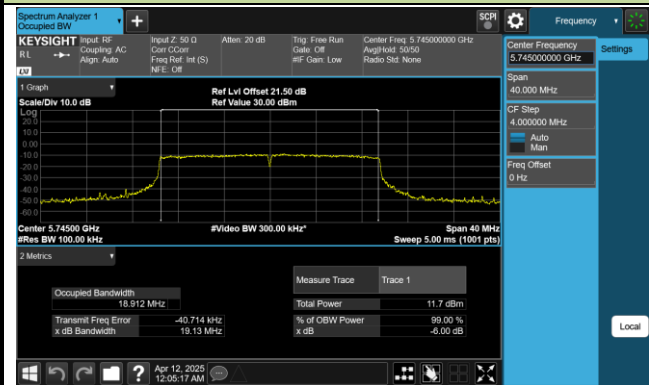
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

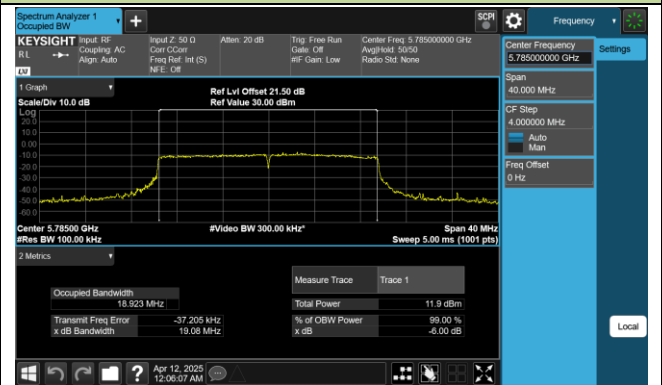


802.11ax-HE20 6dB Bandwidth

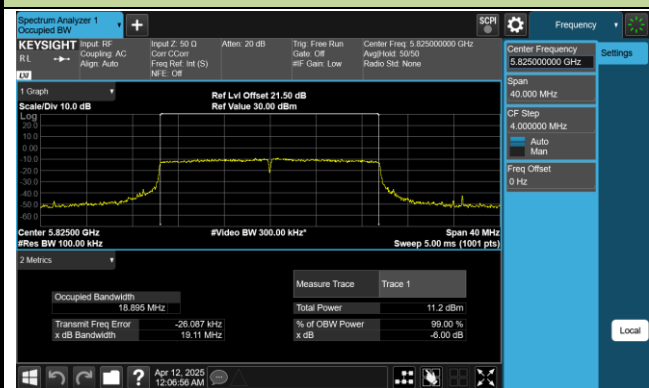
Channel 149 (5745MHz)



Channel 157 (5785MHz)

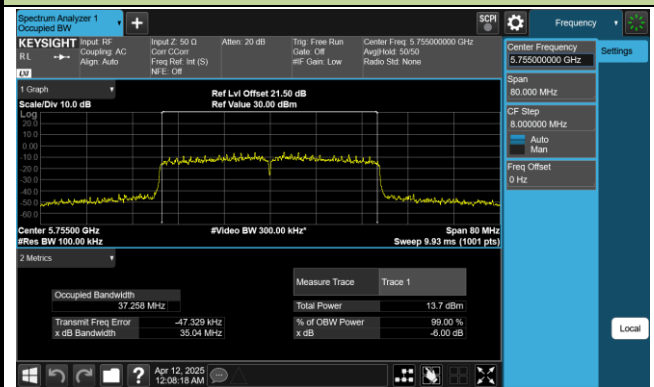


Channel 165 (5825MHz)

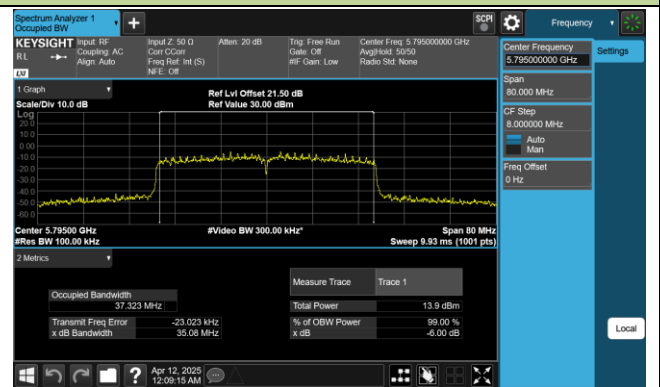


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

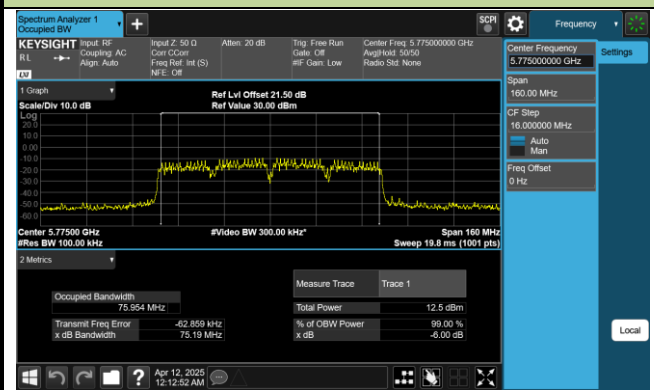


Channel 159 (5795MHz)



802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)



7.4. Output Power Measurement

7.4.1. Test Limit

For FCC Power Measurement Limit

For client operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 250mW.

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 (23.98dBm) or 11dBm +10 log (26dB BW).

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.

For IC Power Measurement Limit

For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW (23.01dBm) or $10 + 10 \cdot \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power shall not exceed 250 mW (23.98dBm) or $11 + 10 \log_{10} B$, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W (30dBm) or $17 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.

For the 5.725-5.85 GHz band, the maximum conducted output power shall not exceed 1 W.

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.

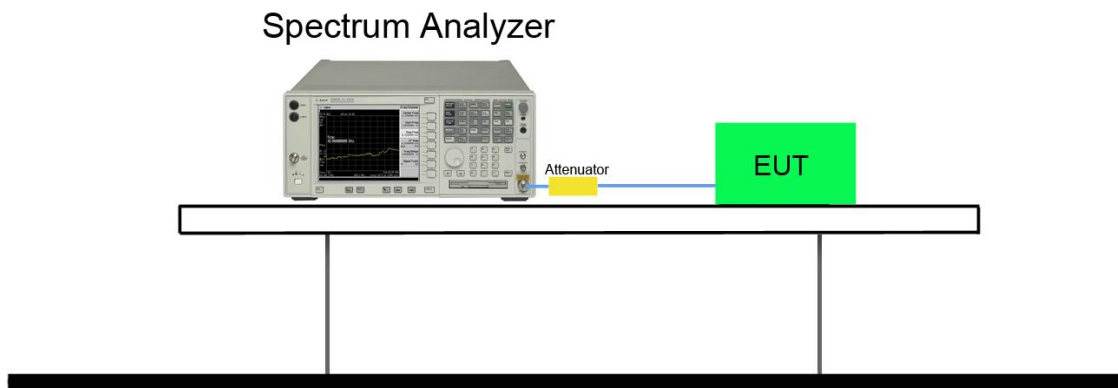
7.4.2. Test Procedure Used

KDB 789033 D02v02r01 - 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. The trace was averaged over 100 traces to obtain the final measured average power.

7.4.4. Test Setup



7.4.5. Test Result

Product	Smart touch panel tablet	Temperature	21°C
Test Engineer	Fran	Relative Humidity	56%
Test Site	SR6	Test Date	2025/4/11

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	14.23	13.50	16.89	≤ 23.98	Pass
11a	6Mbps	44	5220	14.14	13.45	16.82	≤ 23.98	Pass
11a	6Mbps	48	5240	14.11	13.59	16.87	≤ 23.98	Pass
11a	6Mbps	52	5260	14.14	13.77	16.97	≤ 23.98	Pass
11a	6Mbps	60	5300	14.26	13.61	16.96	≤ 23.98	Pass
11a	6Mbps	64	5320	14.13	13.78	16.97	≤ 23.98	Pass
11a	6Mbps	100	5500	14.51	13.20	16.91	≤ 23.98	Pass
11a	6Mbps	116	5580	13.68	14.06	16.88	≤ 23.98	Pass
11a	6Mbps	140	5700	13.55	13.80	16.69	≤ 23.98	Pass
11a	6Mbps	144	5720	13.42	13.85	16.65	≤ 22.91	Pass
11a	6Mbps	149	5745	14.16	13.94	17.06	≤ 30.00	Pass
11a	6Mbps	157	5785	13.95	14.32	17.15	≤ 30.00	Pass
11a	6Mbps	165	5825	13.71	13.81	16.77	≤ 30.00	Pass
11ac-VHT20	MCS0	36	5180	13.65	12.88	16.29	≤ 23.98	Pass
11ac-VHT20	MCS0	40	5220	13.47	12.95	16.23	≤ 23.98	Pass
11ac-VHT20	MCS0	48	5240	13.27	12.81	16.06	≤ 23.98	Pass
11ac-VHT20	MCS0	52	5260	13.24	13.26	16.26	≤ 23.98	Pass
11ac-VHT20	MCS0	60	5300	13.57	12.94	16.28	≤ 23.98	Pass
11ac-VHT20	MCS0	64	5320	13.65	13.11	16.40	≤ 23.98	Pass
11ac-VHT20	MCS0	100	5500	13.75	13.09	16.44	≤ 23.98	Pass
11ac-VHT20	MCS0	116	5580	13.17	13.70	16.45	≤ 23.98	Pass
11ac-VHT20	MCS0	140	5700	13.00	13.16	16.09	≤ 23.98	Pass
11ac-VHT20	MCS0	144	5720	12.80	13.41	16.13	≤ 22.91	Pass
11ac-VHT20	MCS0	149	5745	13.07	13.25	16.17	≤ 30.00	Pass
11ac-VHT20	MCS0	157	5785	13.13	13.18	16.17	≤ 30.00	Pass
11ac-VHT20	MCS0	165	5825	13.07	13.39	16.24	≤ 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	12.91	12.35	15.65	≤ 23.98	Pass
11ac-VHT40	MCS0	46	5230	12.53	12.64	15.60	≤ 23.98	Pass
11ac-VHT40	MCS0	54	5270	12.85	12.72	15.80	≤ 23.98	Pass
11ac-VHT40	MCS0	62	5310	13.04	12.71	15.89	≤ 23.98	Pass
11ac-VHT40	MCS0	102	5510	12.98	12.86	15.93	≤ 23.98	Pass
11ac-VHT40	MCS0	110	5550	12.73	13.10	15.93	≤ 23.98	Pass
11ac-VHT40	MCS0	134	5670	12.18	13.19	15.72	≤ 23.98	Pass
11ac-VHT40	MCS0	142	5710	12.18	13.14	15.70	≤ 23.98	Pass
11ac-VHT40	MCS0	151	5755	12.42	13.34	15.91	≤ 30.00	Pass
11ac-VHT40	MCS0	159	5795	12.57	13.21	15.91	≤ 30.00	Pass
11ac-VHT80	MCS0	42	5210	13.22	12.58	15.92	≤ 23.98	Pass
11ac-VHT80	MCS0	58	5290	12.75	12.44	15.61	≤ 23.98	Pass
11ac-VHT80	MCS0	106	5530	12.96	12.38	15.69	≤ 23.98	Pass
11ac-VHT80	MCS0	122	5610	12.54	13.47	16.04	≤ 23.98	Pass
11ac-VHT80	MCS0	138	5690	12.41	13.37	15.93	≤ 23.98	Pass
11ac-VHT80	MCS0	155	5775	12.64	12.98	15.82	≤ 30.00	Pass
11ax-HE20	MCS0	36	5180	13.68	12.62	16.19	≤ 23.98	Pass
11ax-HE20	MCS0	40	5220	13.74	13.01	16.40	≤ 23.98	Pass
11ax-HE20	MCS0	48	5240	13.54	12.93	16.26	≤ 23.98	Pass
11ax-HE20	MCS0	52	5260	13.50	13.42	16.47	≤ 23.98	Pass
11ax-HE20	MCS0	60	5300	13.68	13.05	16.39	≤ 23.98	Pass
11ax-HE20	MCS0	64	5320	13.81	13.22	16.54	≤ 23.98	Pass
11ax-HE20	MCS0	100	5500	13.41	12.67	16.07	≤ 23.98	Pass
11ax-HE20	MCS0	116	5580	12.60	13.36	16.01	≤ 23.98	Pass
11ax-HE20	MCS0	140	5700	13.12	13.28	16.21	≤ 23.98	Pass
11ax-HE20	MCS0	144	5720	13.16	13.50	16.34	≤ 22.86	Pass
11ax-HE20	MCS0	149	5745	13.22	12.75	16.00	≤ 30.00	Pass
11ax-HE20	MCS0	157	5785	13.13	13.88	16.53	≤ 30.00	Pass
11ax-HE20	MCS0	165	5825	13.19	13.53	16.37	≤ 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	13.05	13.05	16.06	≤ 23.98	Pass
11ax-HE40	MCS0	46	5230	13.03	12.93	15.99	≤ 23.98	Pass
11ax-HE40	MCS0	54	5270	12.77	12.91	15.85	≤ 23.98	Pass
11ax-HE40	MCS0	62	5310	12.90	12.73	15.83	≤ 23.98	Pass
11ax-HE40	MCS0	102	5510	7.93	8.91	11.46	≤ 23.98	Pass
11ax-HE40	MCS0	110	5550	12.79	12.90	15.86	≤ 23.98	Pass
11ax-HE40	MCS0	134	5670	8.06	9.16	11.66	≤ 23.98	Pass
11ax-HE40	MCS0	142	5710	12.57	13.35	15.99	≤ 23.98	Pass
11ax-HE40	MCS0	151	5755	12.72	12.94	15.84	≤ 30.00	Pass
11ax-HE40	MCS0	159	5795	12.77	13.44	16.13	≤ 30.00	Pass
11ax-HE80	MCS0	42	5210	12.38	11.90	15.16	≤ 23.98	Pass
11ax-HE80	MCS0	58	5290	12.65	12.29	15.48	≤ 23.98	Pass
11ax-HE80	MCS0	106	5530	11.66	11.74	14.71	≤ 23.98	Pass
11ax-HE80	MCS0	122	5610	11.54	12.55	15.08	≤ 23.98	Pass
11ax-HE80	MCS0	138	5690	12.00	12.30	15.16	≤ 23.98	Pass
11ax-HE80	MCS0	155	5775	11.99	12.35	15.18	≤ 30.00	Pass

Note 1:

The Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

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.

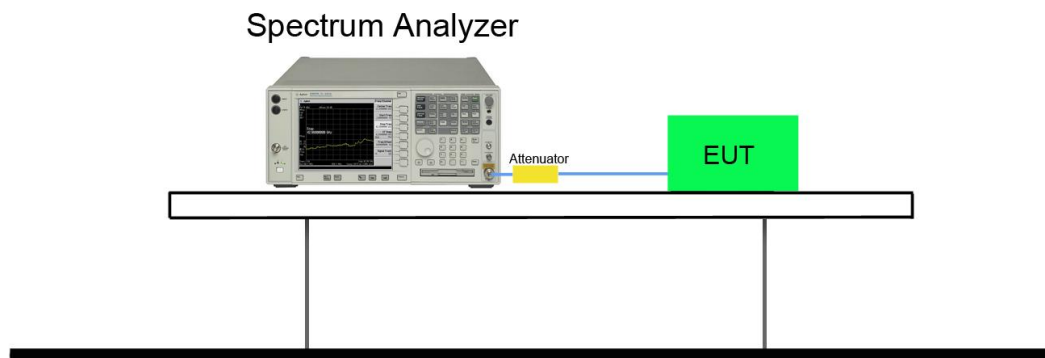
7.5.2. Test Procedure Used

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

Note: 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 FCC Power Spectral Density Limit

For an outdoor access point operating in 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.

For IC Power Spectral Density Limit

For the band 5.15-5.25 GHz, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For the 5.725-5.85 GHz band, the power spectral density shall not exceed 30 dBm in any 500 kHz band.

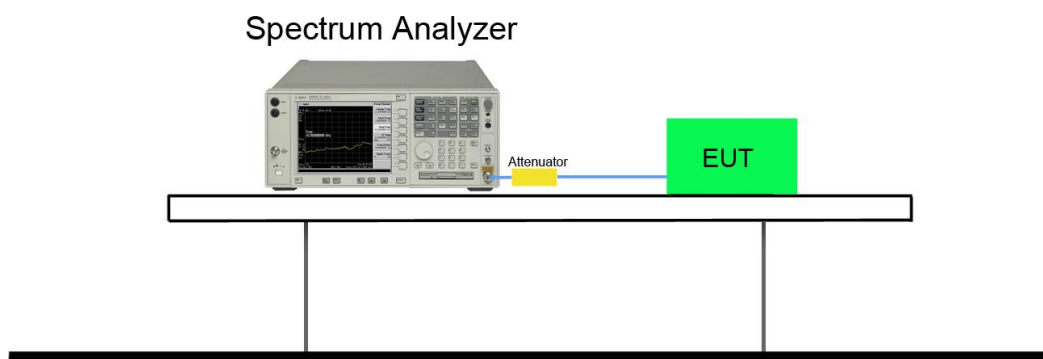
7.6.2. Test Procedure Used

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,
4. RBW = 100 kHz
5. VBW = 3MHz
6. Number of sweep points $\geq 2 \times (\text{span} / \text{RBW})$
7. Detector = power averaging (Average)
8. Sweep time = auto
9. Trigger = free run
10. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
11. 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 $10 \cdot \log(1/0.25) = 6 \text{ dB}$ if the duty cycle is 25 percent.

7.6.4. Test Setup



7.6.5. Test Result

Product	Smart touch panel tablet	Temperature	21°C
Test Engineer	Fran	Relative Humidity	56%
Test Site	SR6	Test Date	2025/4/11~2025/4/12

FCC: U-NII-1 & U-NII-2A & U-NII-2C

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	1.630	0.235	68.40%	5.648	≤ 10.69	Pass
11a	6Mbps	44	5220	1.257	0.784	68.40%	5.687	≤ 10.69	Pass
11a	6Mbps	48	5240	2.060	1.261	68.40%	6.339	≤ 10.69	Pass
11a	6Mbps	52	5260	2.216	1.679	68.40%	6.616	≤ 10.69	Pass
11a	6Mbps	60	5300	2.259	1.278	68.40%	6.456	≤ 10.69	Pass
11a	6Mbps	64	5320	1.995	0.847	68.40%	6.119	≤ 10.69	Pass
11a	6Mbps	100	5500	2.081	1.208	68.40%	6.326	≤ 10.69	Pass
11a	6Mbps	116	5580	1.607	2.337	68.40%	6.647	≤ 10.69	Pass
11a	6Mbps	140	5700	1.596	1.968	68.40%	6.446	≤ 10.69	Pass
11a	6Mbps	144	5720	1.691	1.879	68.40%	6.446	≤ 10.69	Pass
11ac-VHT20	MCS0	36	5180	1.425	-0.217	67.47%	5.400	≤ 10.69	Pass
11ac-VHT20	MCS0	40	5220	0.218	1.066	67.47%	5.382	≤ 10.69	Pass
11ac-VHT20	MCS0	48	5240	1.103	0.262	67.47%	5.422	≤ 10.69	Pass
11ac-VHT20	MCS0	52	5260	0.437	0.924	67.47%	5.407	≤ 10.69	Pass
11ac-VHT20	MCS0	60	5300	0.854	0.865	67.47%	5.579	≤ 10.69	Pass
11ac-VHT20	MCS0	64	5320	1.151	1.004	67.47%	5.797	≤ 10.69	Pass
11ac-VHT20	MCS0	100	5500	0.589	1.157	67.47%	5.601	≤ 10.69	Pass
11ac-VHT20	MCS0	116	5580	-0.022	1.828	67.47%	5.720	≤ 10.69	Pass
11ac-VHT20	MCS0	140	5700	1.292	0.929	67.47%	5.833	≤ 10.69	Pass
11ac-VHT20	MCS0	144	5720	0.358	0.747	67.47%	5.276	≤ 10.69	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	-0.688	-2.966	50.78%	4.274	≤ 10.69	Pass
11ac-VHT40	MCS0	46	5230	-2.926	-3.631	50.78%	2.689	≤ 10.69	Pass
11ac-VHT40	MCS0	54	5270	-3.563	-2.577	50.78%	2.911	≤ 10.69	Pass
11ac-VHT40	MCS0	62	5310	-3.140	-3.684	50.78%	2.550	≤ 10.69	Pass
11ac-VHT40	MCS0	102	5510	-3.666	-1.856	50.78%	3.286	≤ 10.69	Pass
11ac-VHT40	MCS0	110	5550	-3.224	-2.537	50.78%	3.086	≤ 10.69	Pass
11ac-VHT40	MCS0	134	5670	-4.626	-1.887	50.78%	2.909	≤ 10.69	Pass
11ac-VHT40	MCS0	142	5710	-4.333	-2.156	50.78%	2.844	≤ 10.69	Pass
11ac-VHT80	MCS0	42	5210	-7.817	-8.111	34.38%	-0.314	≤ 10.69	Pass
11ac-VHT80	MCS0	58	5290	-7.335	-9.013	34.38%	-0.446	≤ 10.69	Pass
11ac-VHT80	MCS0	106	5530	-7.466	-6.245	34.38%	0.835	≤ 10.69	Pass
11ac-VHT80	MCS0	122	5610	-9.127	-6.725	34.38%	-0.115	≤ 10.69	Pass
11ac-VHT80	MCS0	138	5690	-8.630	-6.156	34.38%	0.428	≤ 10.69	Pass
11ax-HE20	MCS0	36	5180	-0.308	-0.650	61.70%	4.632	≤ 10.69	Pass
11ax-HE20	MCS0	44	5220	0.801	-0.091	61.70%	5.485	≤ 10.69	Pass
11ax-HE20	MCS0	48	5240	0.214	0.293	61.70%	5.361	≤ 10.69	Pass
11ax-HE20	MCS0	52	5260	0.261	0.103	61.70%	5.290	≤ 10.69	Pass
11ax-HE20	MCS0	60	5300	0.817	0.733	61.70%	5.883	≤ 10.69	Pass
11ax-HE20	MCS0	64	5320	0.854	1.214	61.70%	6.145	≤ 10.69	Pass
11ax-HE20	MCS0	100	5500	0.169	-0.151	61.70%	5.119	≤ 10.69	Pass
11ax-HE20	MCS0	116	5580	-0.348	1.056	61.70%	5.518	≤ 10.69	Pass
11ax-HE20	MCS0	140	5700	-0.656	0.448	61.70%	5.038	≤ 10.69	Pass
11ax-HE20	MCS0	144	5720	-0.021	0.631	61.70%	5.425	≤ 10.69	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	-0.284	-0.522	77.33%	3.725	≤ 10.69	Pass
11ax-HE40	MCS0	46	5230	-0.179	-0.320	77.33%	3.878	≤ 10.69	Pass
11ax-HE40	MCS0	54	5270	-0.591	-0.539	77.33%	3.562	≤ 10.69	Pass
11ax-HE40	MCS0	62	5310	-0.171	-0.659	77.33%	3.719	≤ 10.69	Pass
11ax-HE40	MCS0	102	5510	-5.560	-3.574	77.33%	-0.328	≤ 10.69	Pass
11ax-HE40	MCS0	110	5550	-1.127	-0.087	77.33%	3.551	≤ 10.69	Pass
11ax-HE40	MCS0	134	5670	-5.470	-3.319	77.33%	-0.136	≤ 10.69	Pass
11ax-HE40	MCS0	142	5710	-1.035	0.483	77.33%	3.917	≤ 10.69	Pass
11ax-HE80	MCS0	42	5210	-4.511	-4.125	65.57%	0.530	≤ 10.69	Pass
11ax-HE80	MCS0	58	5290	-3.961	-4.211	65.57%	0.759	≤ 10.69	Pass
11ax-HE80	MCS0	106	5530	-4.903	-3.062	65.57%	0.958	≤ 10.69	Pass
11ax-HE80	MCS0	122	5610	-5.481	-2.927	65.57%	0.824	≤ 10.69	Pass
11ax-HE80	MCS0	122	5690	-6.452	-2.523	65.57%	0.786	≤ 10.69	Pass

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

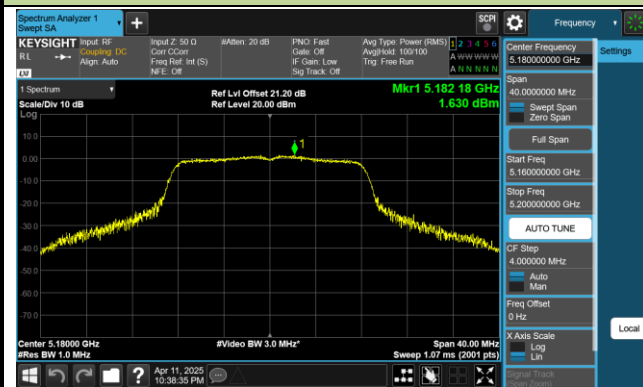
FCC: U-NII-3

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	-0.310	0.091	68.40%	4.555	≤ 29.69	Pass
11a	6Mbps	157	5785	-1.045	0.170	68.40%	4.265	≤ 29.69	Pass
11a	6Mbps	165	5825	-2.071	-1.059	68.40%	3.124	≤ 29.69	Pass
11ac-VHT20	MCS0	149	5745	-2.713	-1.162	67.47%	2.851	≤ 29.69	Pass
11ac-VHT20	MCS0	157	5785	-3.074	-0.906	67.47%	2.863	≤ 29.69	Pass
11ac-VHT20	MCS0	165	5825	-2.454	-2.064	67.47%	2.465	≤ 29.69	Pass
11ac-VHT40	MCS0	151	5755	-6.582	-3.757	50.78%	1.010	≤ 29.69	Pass
11ac-VHT40	MCS0	159	5795	-6.057	-4.092	50.78%	0.989	≤ 29.69	Pass
11ac-VHT80	MCS0	155	5775	-11.367	-8.742	34.38%	-2.212	≤ 29.69	Pass
11ax-HE20	MCS0	149	5745	-3.155	-1.312	61.70%	2.971	≤ 29.69	Pass
11ax-HE20	MCS0	157	5785	-2.910	-1.242	61.70%	3.111	≤ 29.69	Pass
11ax-HE20	MCS0	165	5825	-2.960	-1.842	61.70%	2.742	≤ 29.69	Pass
11ax-HE40	MCS0	151	5755	-3.141	-1.211	77.33%	2.057	≤ 29.69	Pass
11ax-HE40	MCS0	159	5795	-3.632	-0.789	77.33%	2.145	≤ 29.69	Pass
11ax-HE80	MCS0	155	5775	-7.175	-4.529	65.57%	-0.810	≤ 29.69	Pass

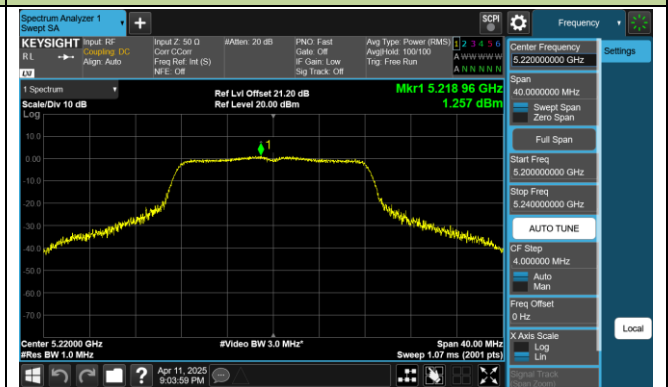
Note: Total PSD (dBm/500kHz) = $10 \cdot \log\{10^{\text{Ant 0 PSD} / 10} + 10^{\text{Ant 1 PSD} / 10}\}$ (dBm/500kHz) + $10 \cdot \log(1/\text{duty cycle})$.

802.11a Power Spectral Density - Ant 0

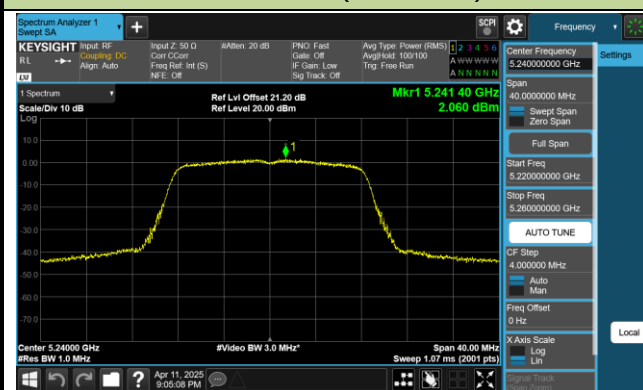
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



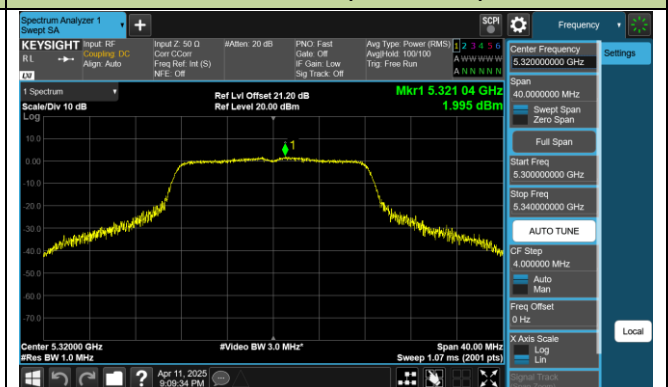
Channel 52 (5260MHz)



Channel 60 (5300MHz)



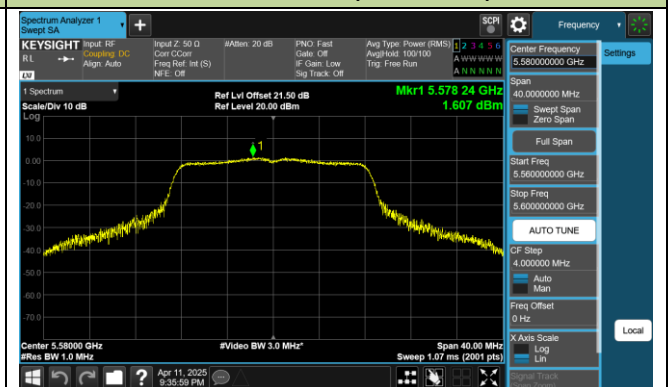
Channel 64 (5320MHz)

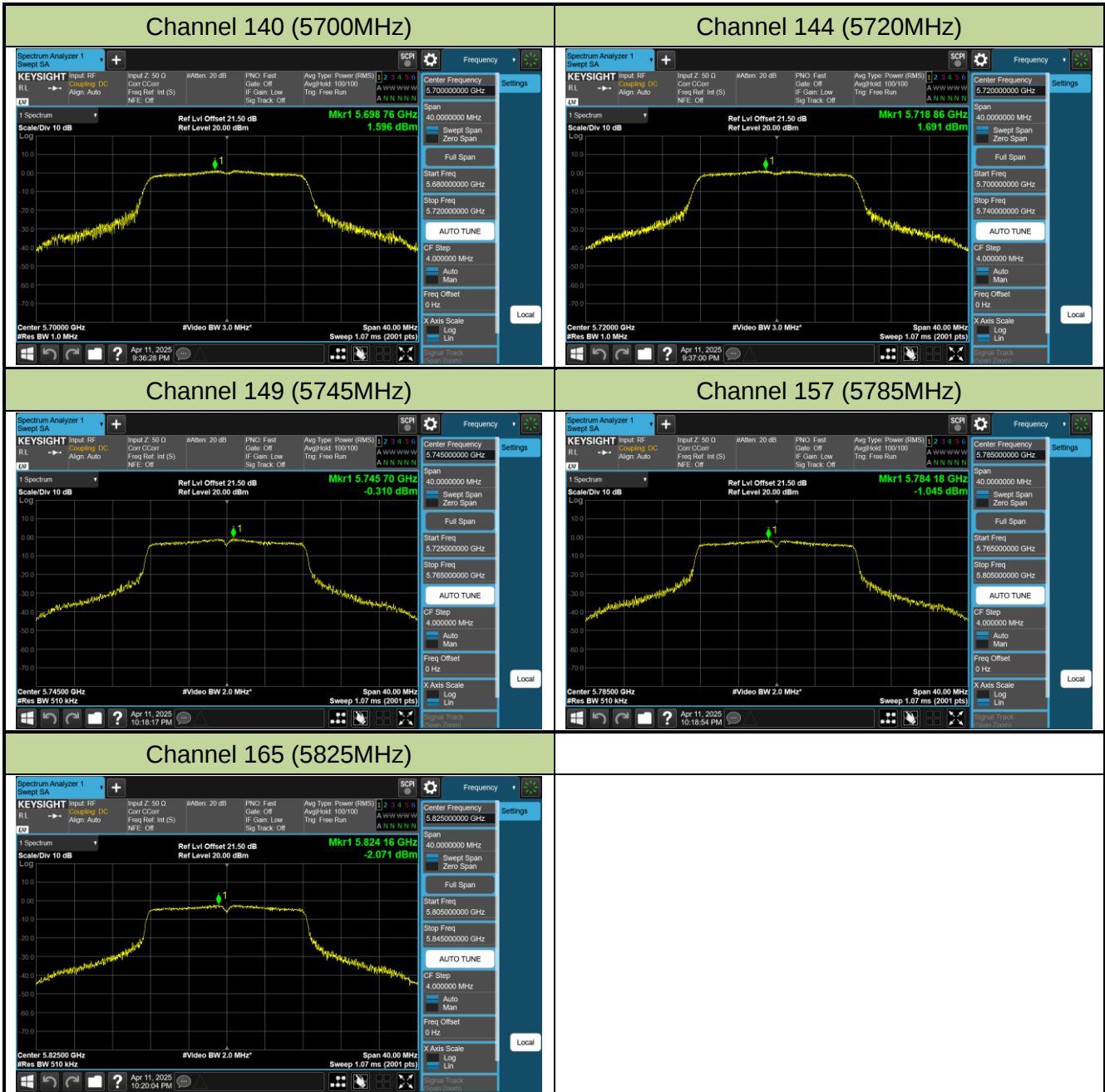


Channel 100 (5500MHz)



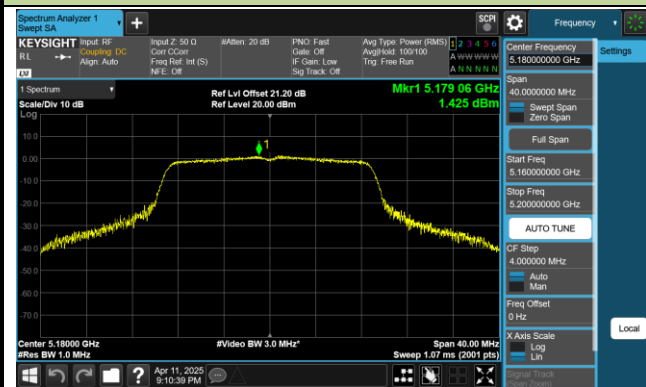
Channel 116 (5580MHz)



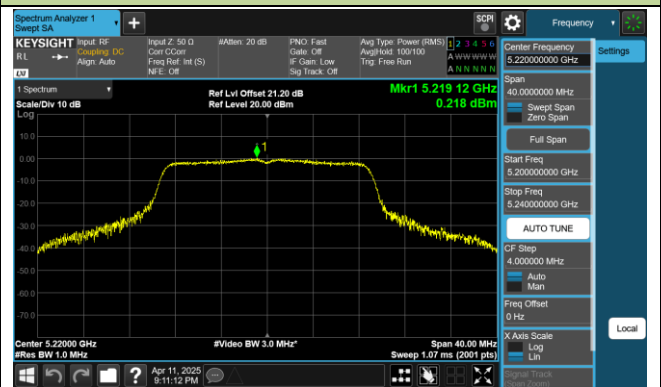


802.11ac-VHT20 Power Spectral Density - Ant 0

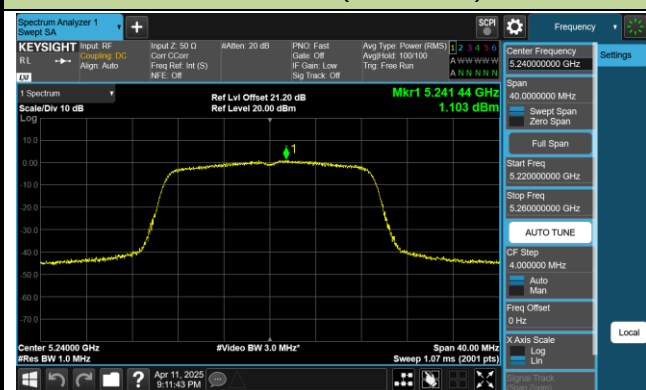
Channel 36 (5180MHz)



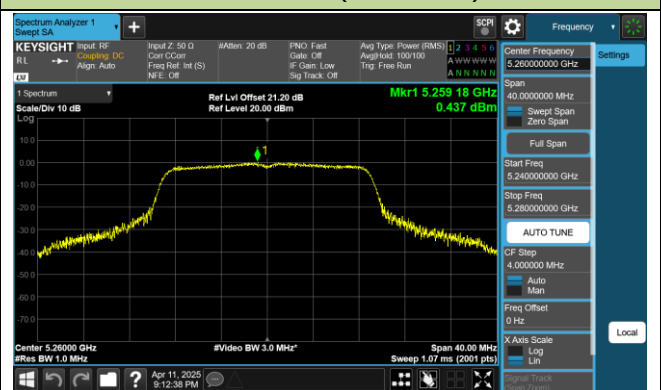
Channel 44 (5220MHz)



Channel 48 (5240MHz)



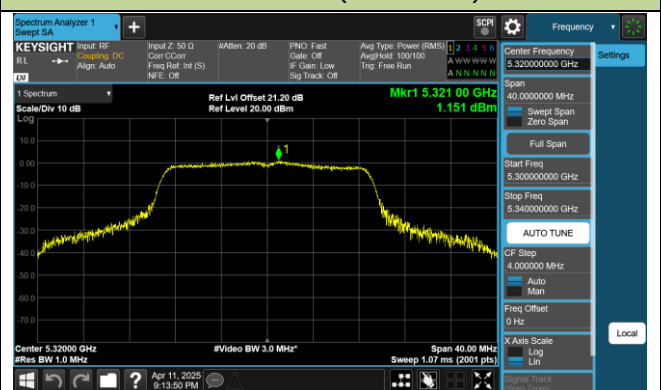
Channel 52 (5260MHz)



Channel 60 (5300MHz)



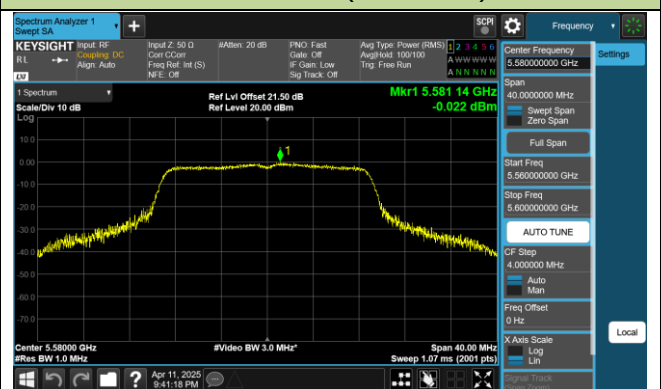
Channel 64 (5320MHz)

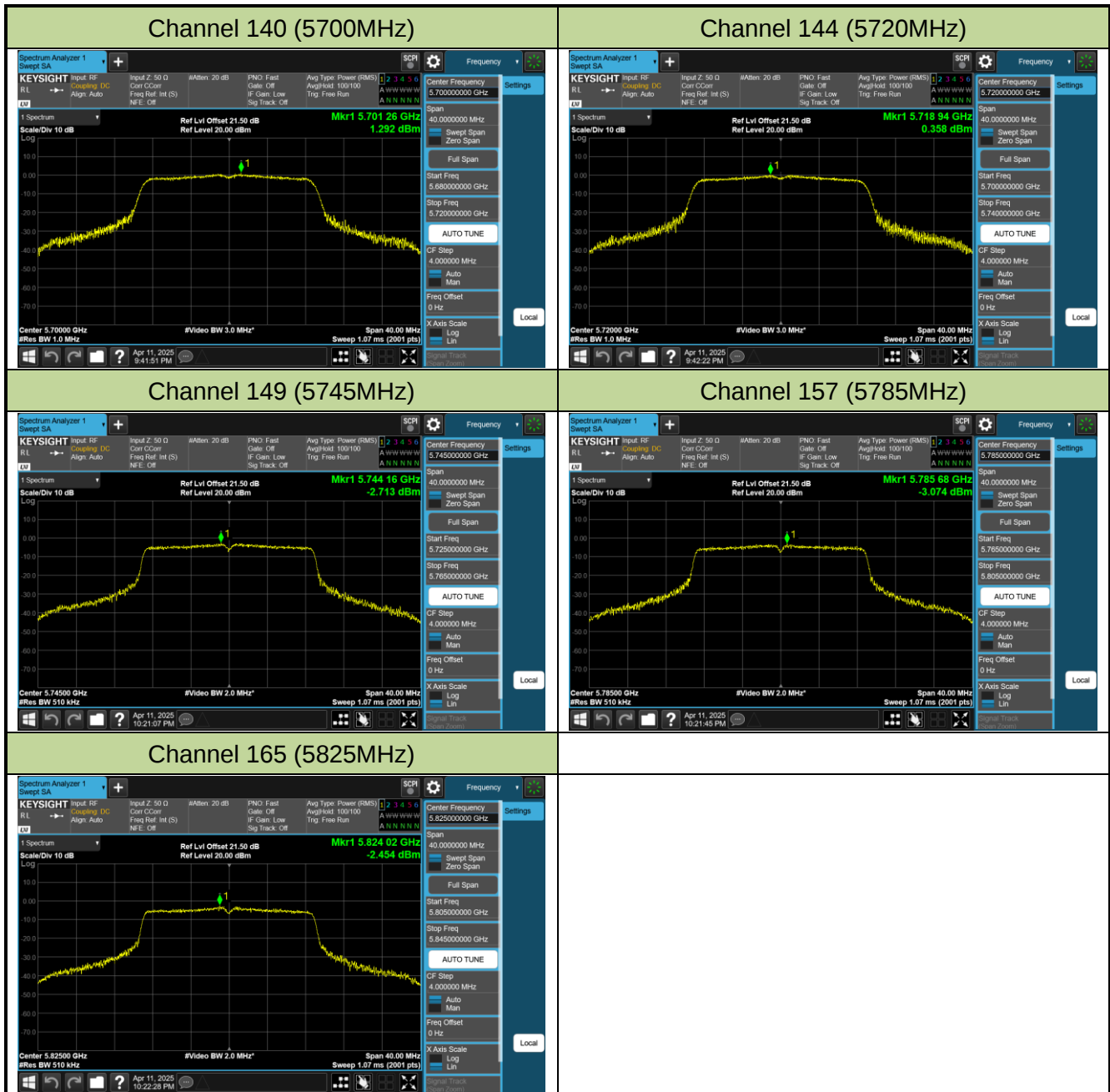


Channel 100 (5500MHz)



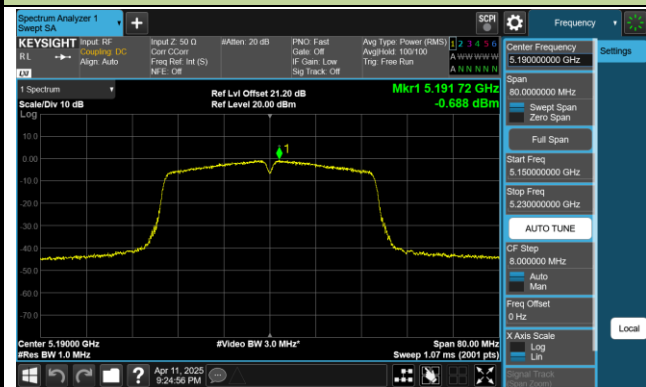
Channel 116 (5580MHz)



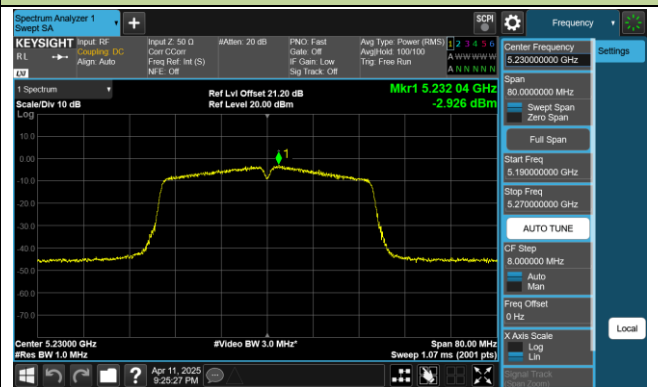


802.11ac-VHT40 Power Spectral Density - Ant 0

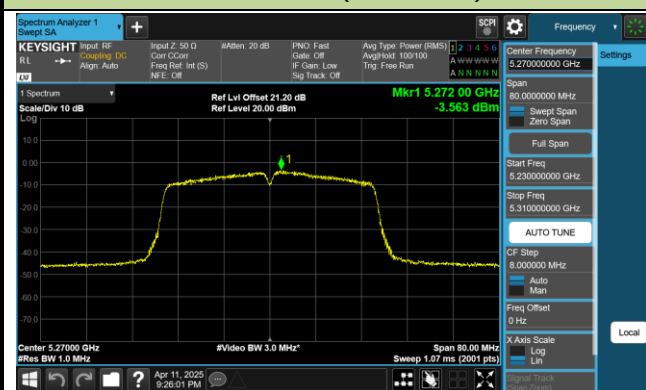
Channel 38 (5190MHz)



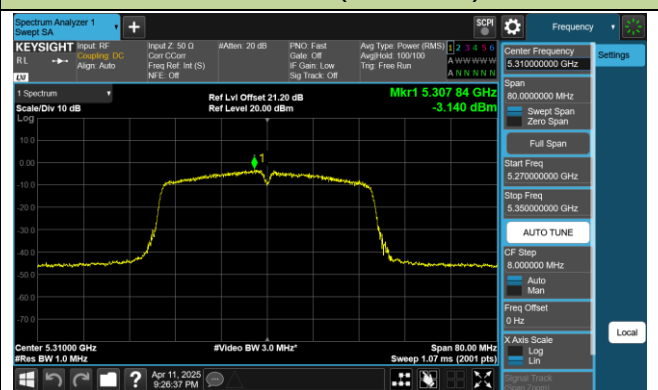
Channel 46 (5230MHz)



Channel 54 (5270MHz)



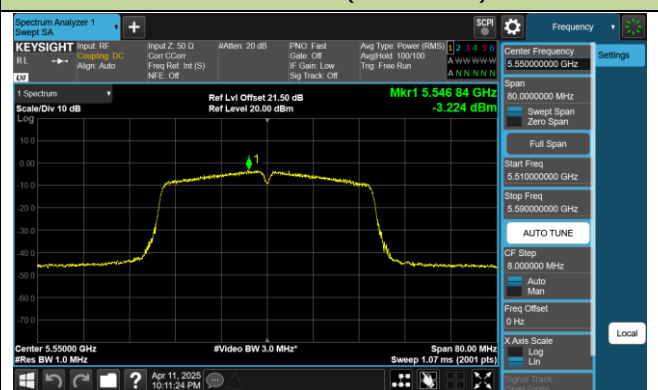
Channel 62 (5310MHz)



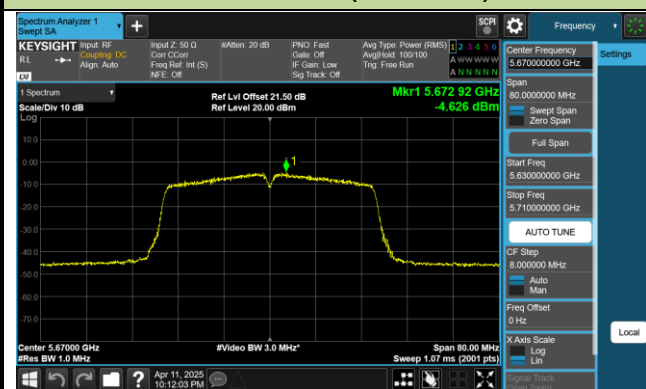
Channel 102 (5510MHz)



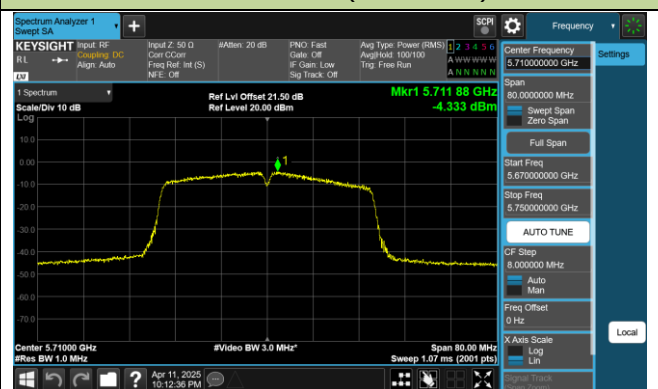
Channel 110 (5550MHz)

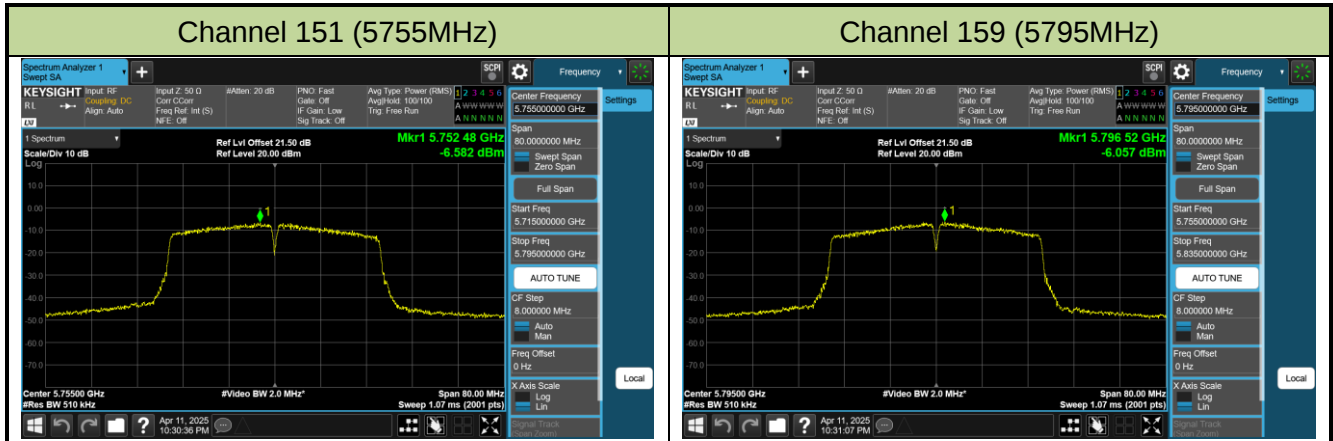


Channel 134 (5670MHz)



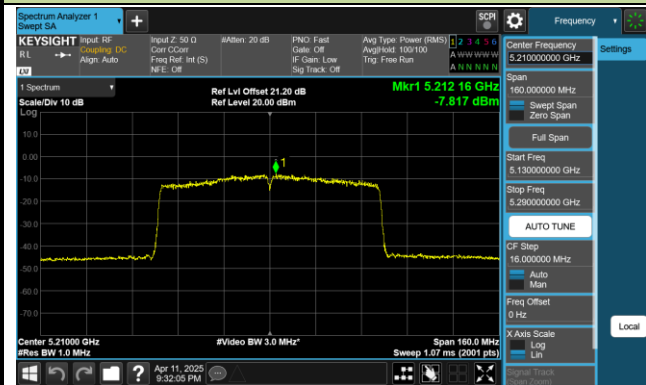
Channel 142 (5710MHz)



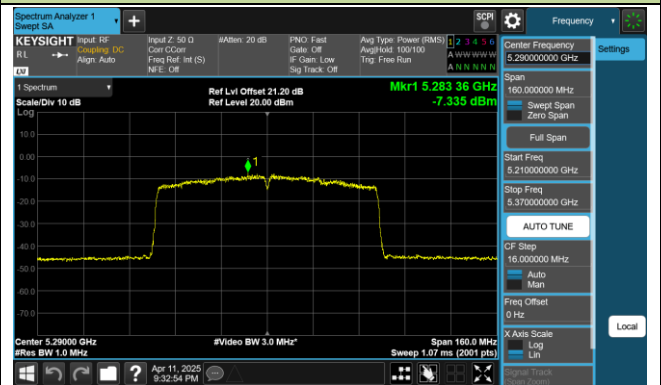


802.11ac-VHT80 Power Spectral Density - Ant 0

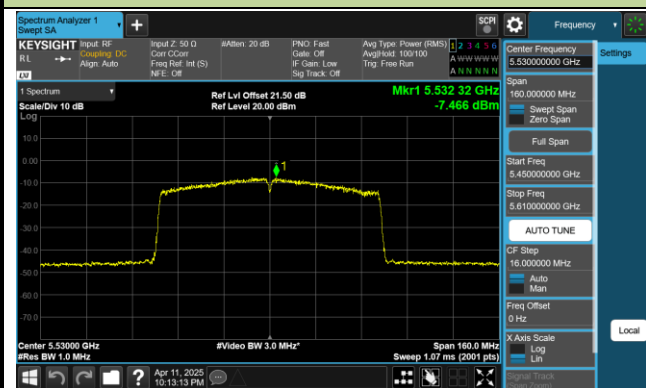
Channel 42 (5210MHz)



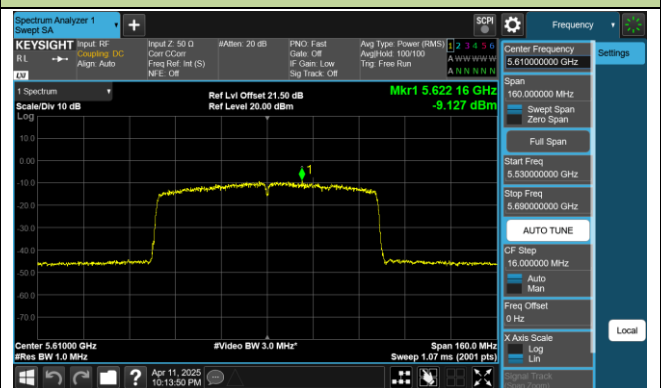
Channel 58 (5290MHz)



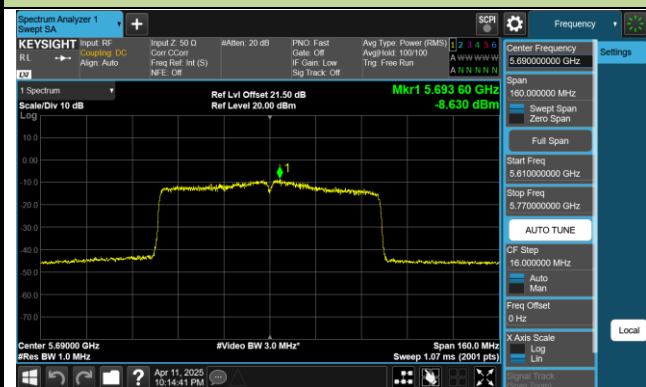
Channel 106 (5530MHz)



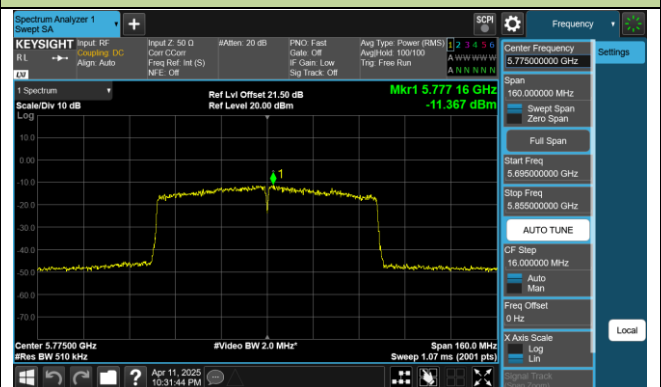
Channel 122 (5610MHz)



Channel 138 (5690MHz)

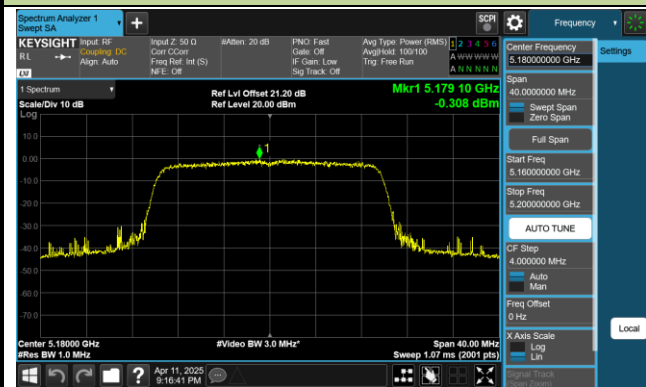


Channel 155 (5775MHz)

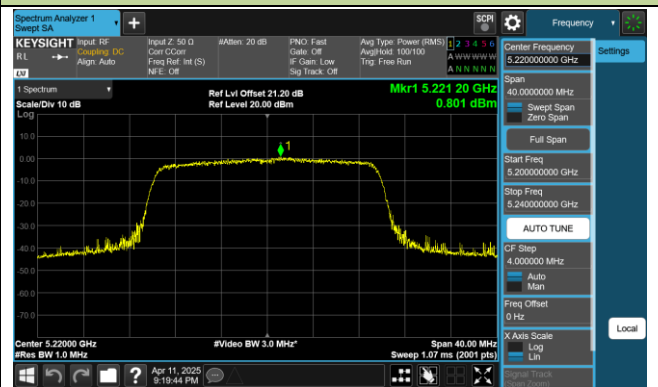


802.11ax-HE20 Power Spectral Density - Ant 0

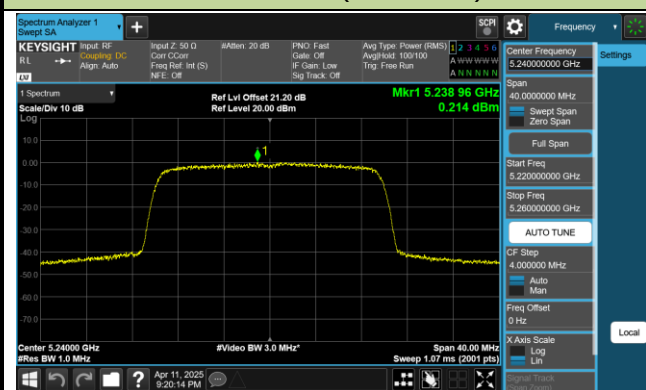
Channel 36 (5180MHz)



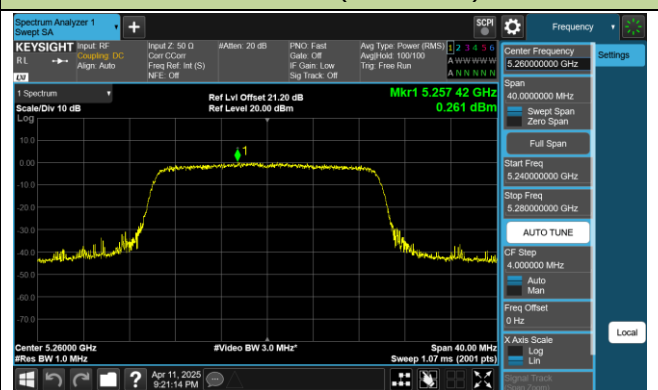
Channel 44 (5220MHz)



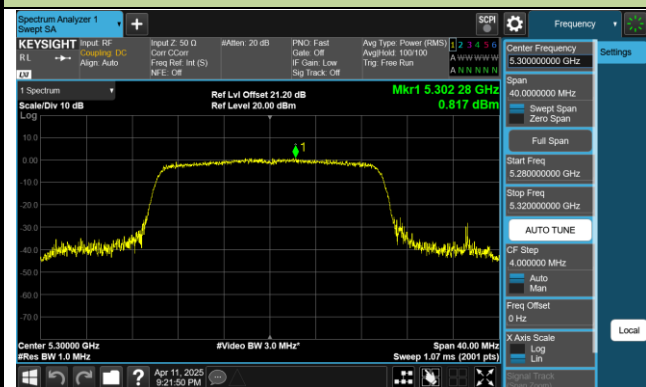
Channel 48 (5240MHz)



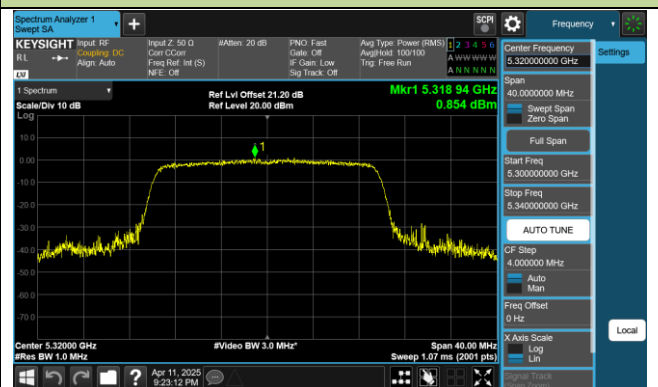
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



