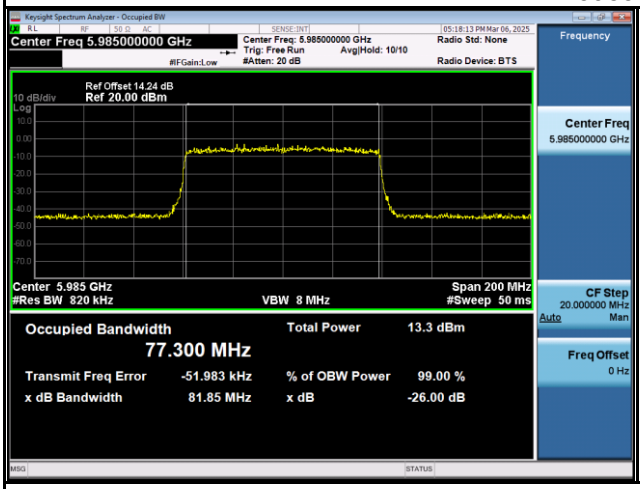
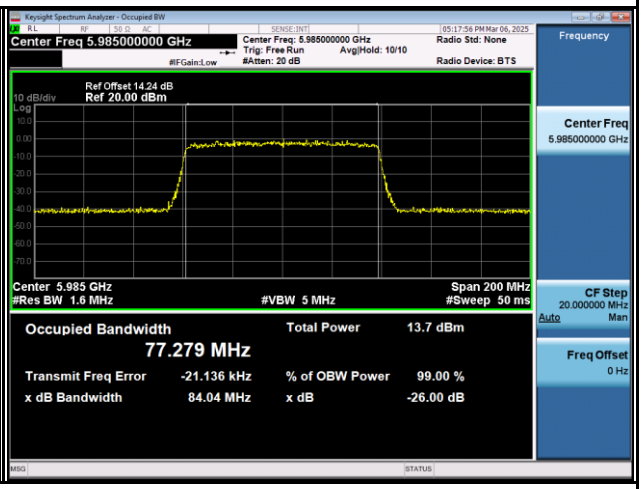
Test Mode	IEEE 802.11ax (HE80)_ Main Antenna

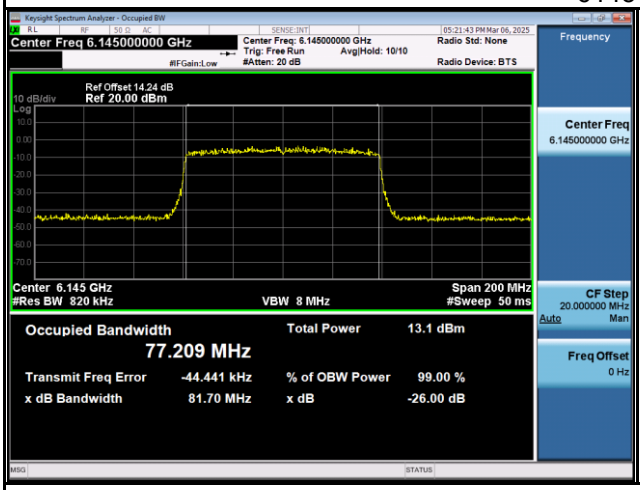
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
5985	81.85	77.28	80	Pass
6145	81.70	77.22	80	Pass
6385	82.27	77.37	80	Pass

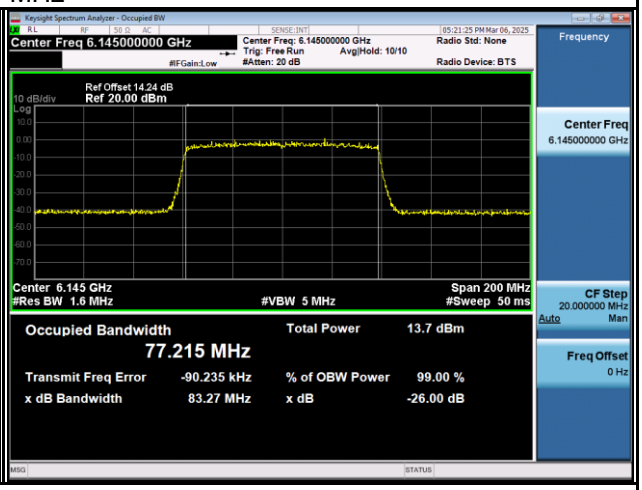
5985 MHz



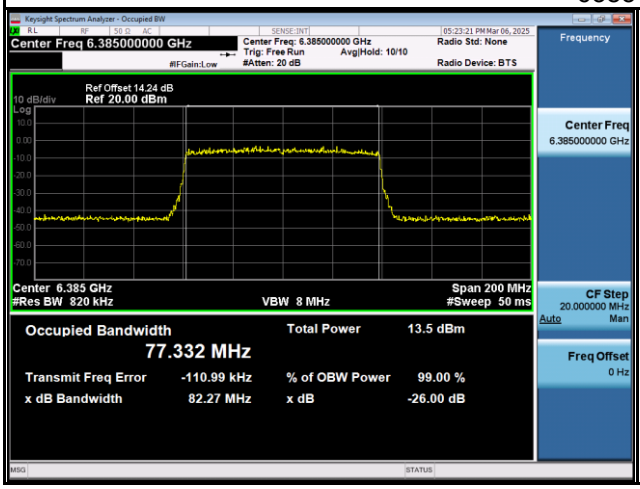


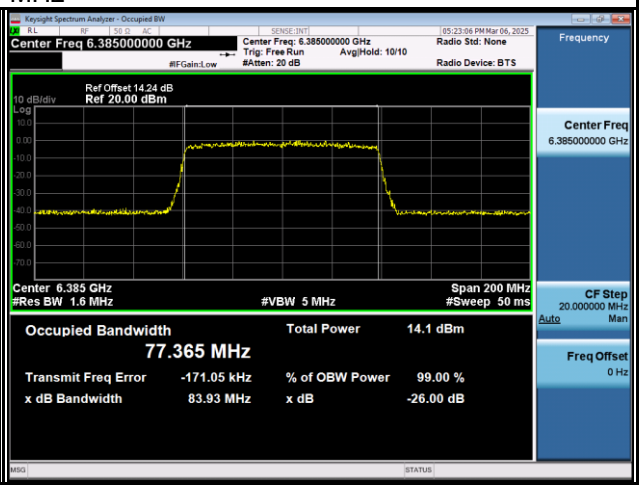
6145 MHz





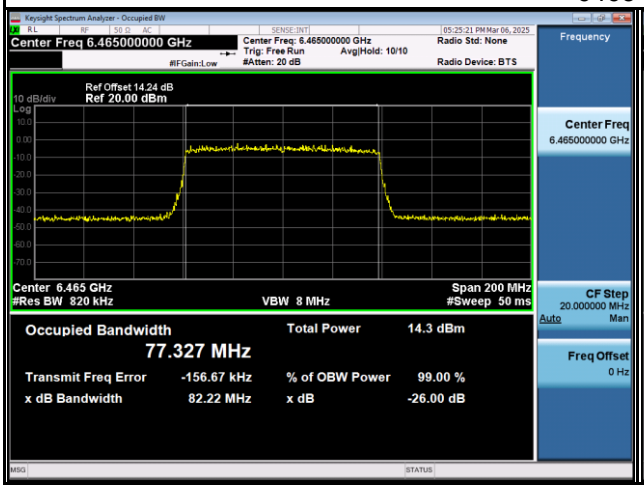
6385 MHz

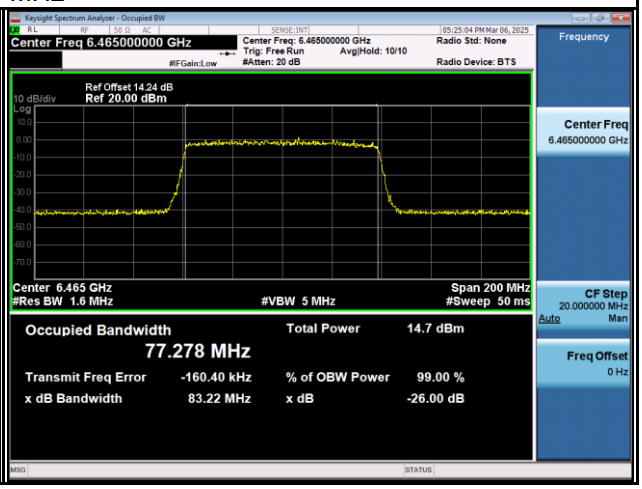




Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6465	82.22	77.28	80	Pass

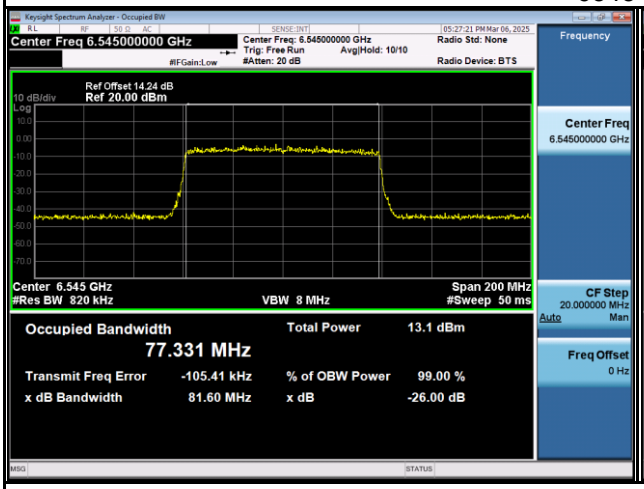
6465 MHz

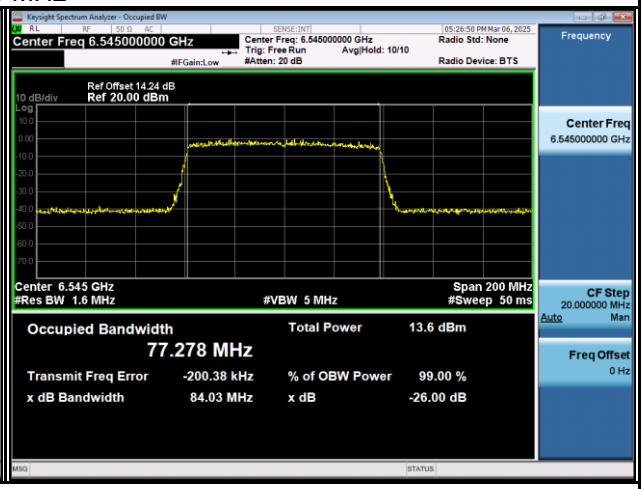




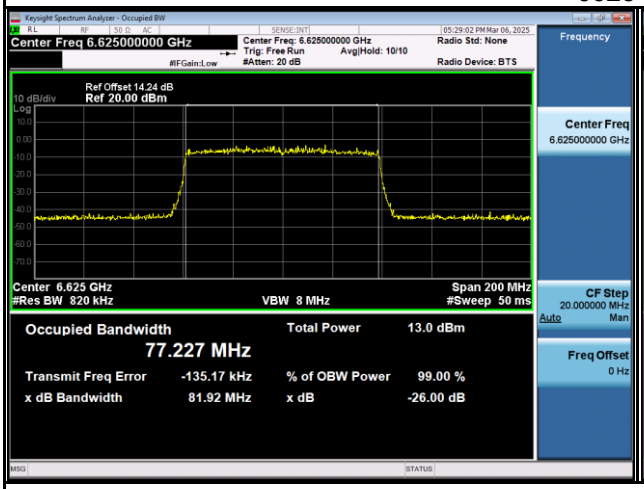
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6545	81.60	77.28	80	Pass
6625	81.92	77.44	80	Pass
6705	82.26	77.24	80	Pass
6785	82.40	77.27	80	Pass

6545 MHz

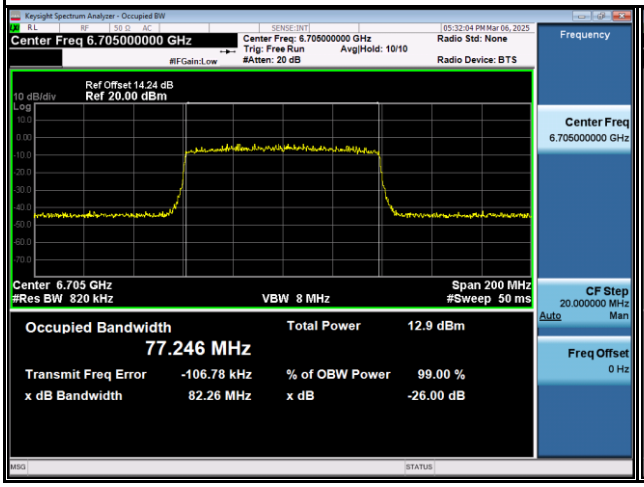


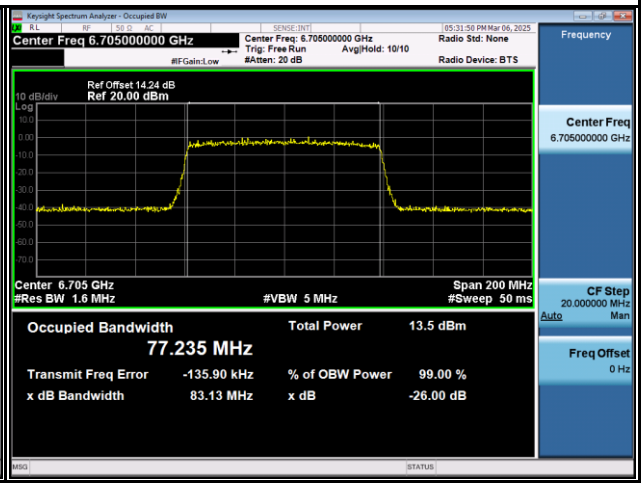


6625 MHz

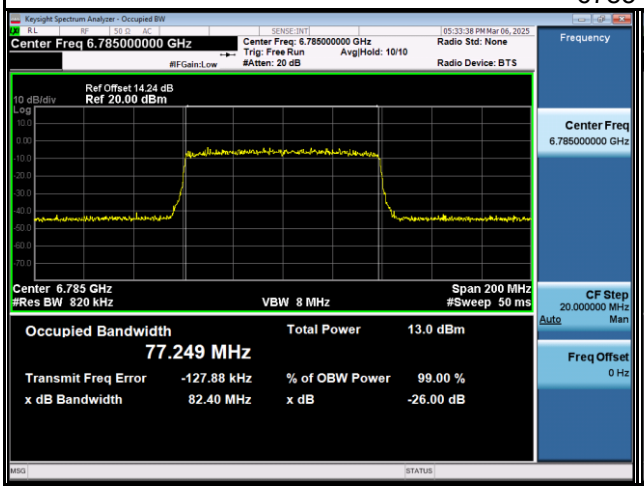


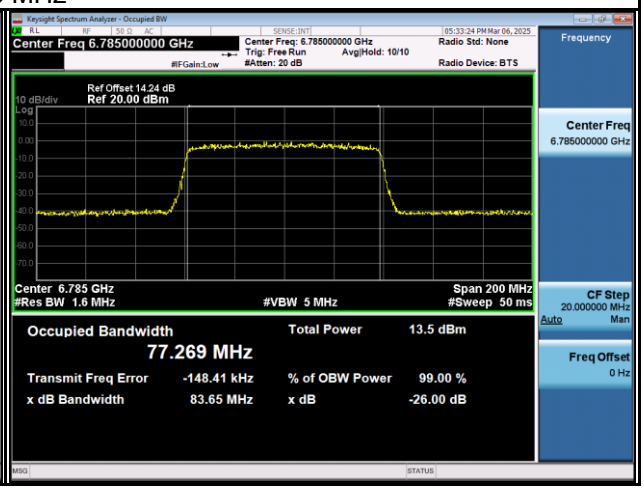
6705 MHz





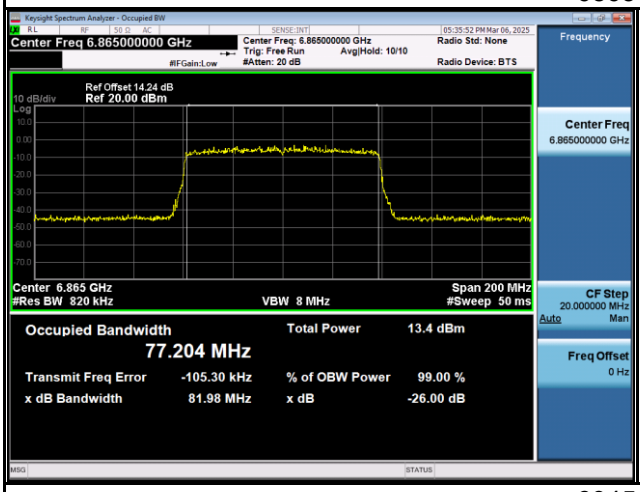
6785 MHz


Keysight Spectrum Analyzer - Occupied BW
Center Freq 6.785000000 GHz
Center Freq: 6.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
05:33:38 PM Mar 06, 2025
Frequency
Ref Offset 14.24 dB
10 dB/div
Ref 20.00 dBm
Center Freq
6.785000000 GHz
Center 6.785 GHz
#Res BW 820 kHz
VBW 8 MHz
Span 200 MHz
#Sweep 50 ms
CF Step
20.000000 MHz
Auto
Man
Occupied Bandwidth
77.249 MHz
Total Power 13.0 dBm
Transmit Freq Error -127.88 kHz
% of OBW Power 99.00 %
x dB Bandwidth 82.40 MHz
x dB -26.00 dB
Freq Offset
0 Hz

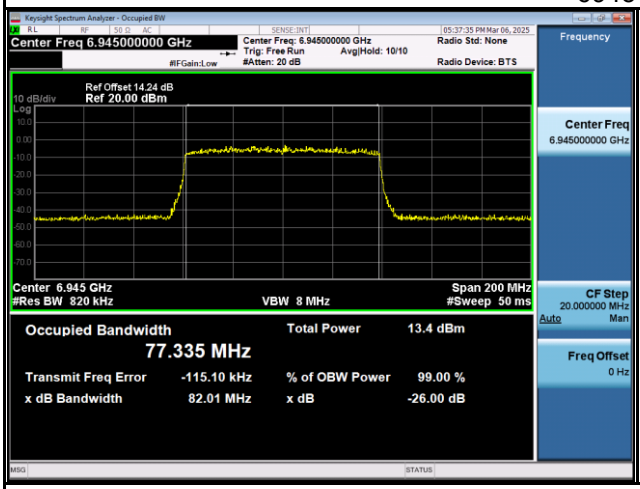

Keysight Spectrum Analyzer - Occupied BW
Center Freq 6.785000000 GHz
Center Freq: 6.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
05:33:24 PM Mar 06, 2025
Frequency
Ref Offset 14.24 dB
10 dB/div
Ref 20.00 dBm
Center Freq
6.785000000 GHz
Center 6.785 GHz
#Res BW 1.6 MHz
#VBW 5 MHz
Span 200 MHz
#Sweep 50 ms
CF Step
20.000000 MHz
Auto
Man
Occupied Bandwidth
77.269 MHz
Total Power 13.5 dBm
Transmit Freq Error -148.41 kHz
% of OBW Power 99.00 %
x dB Bandwidth 83.65 MHz
x dB -26.00 dB
Freq Offset
0 Hz

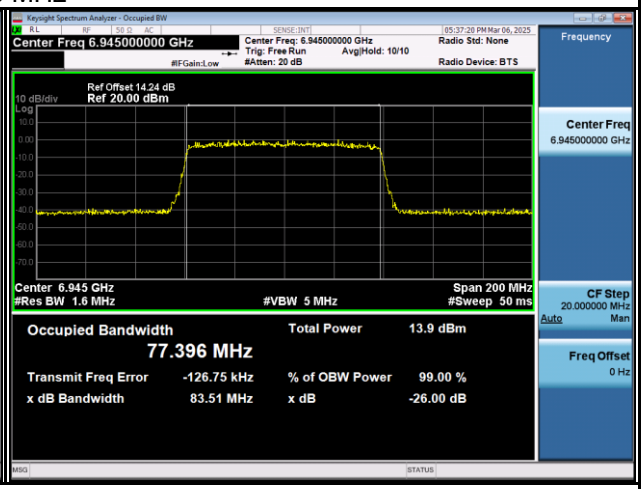
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6865	81.98	77.44	80	Pass
6945	82.01	77.40	80	Pass
7025	81.89	77.30	80	Pass

6865 MHz

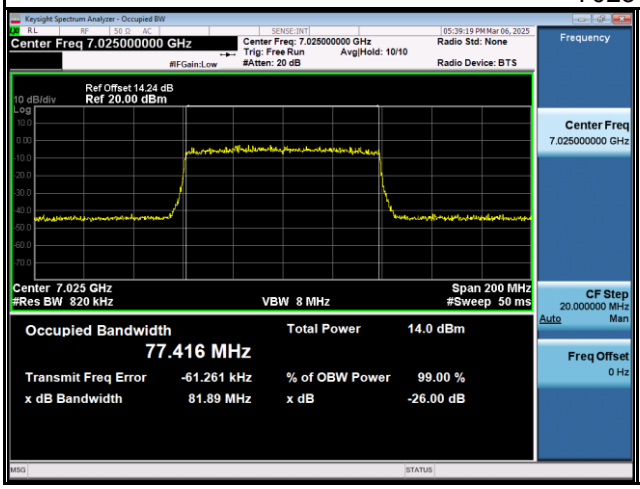


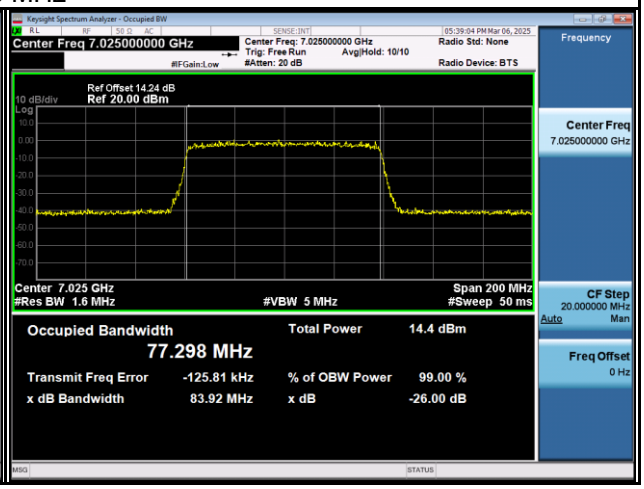
6945 MHz





7025 MHz

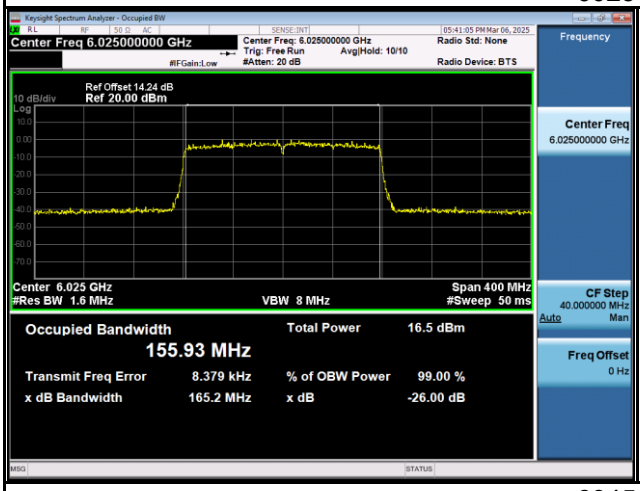


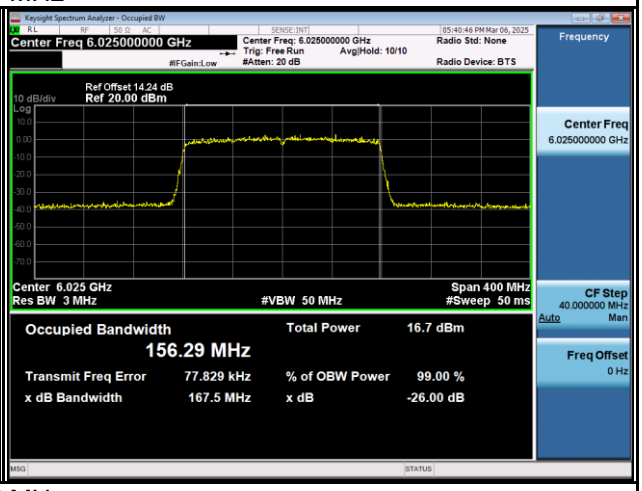


Test Mode	IEEE 802.11ax (HE160)_ Main Antenna

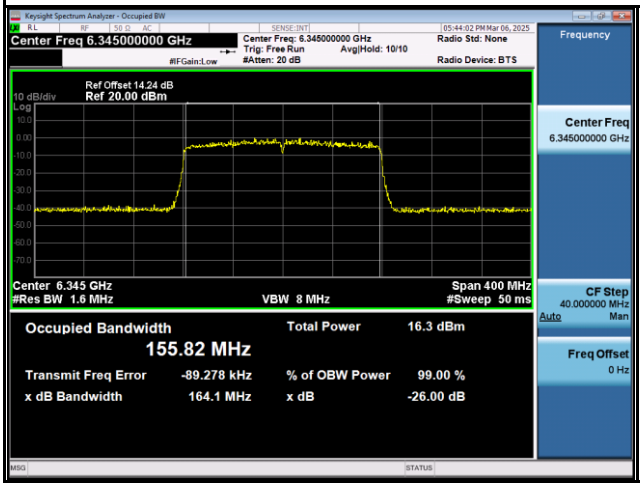
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6025	165.20	156.29	160	Pass
6345	164.10	156.04	160	Pass

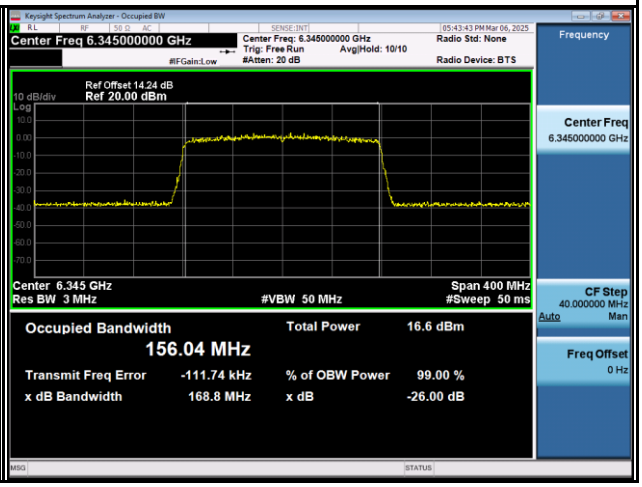
6025 MHz





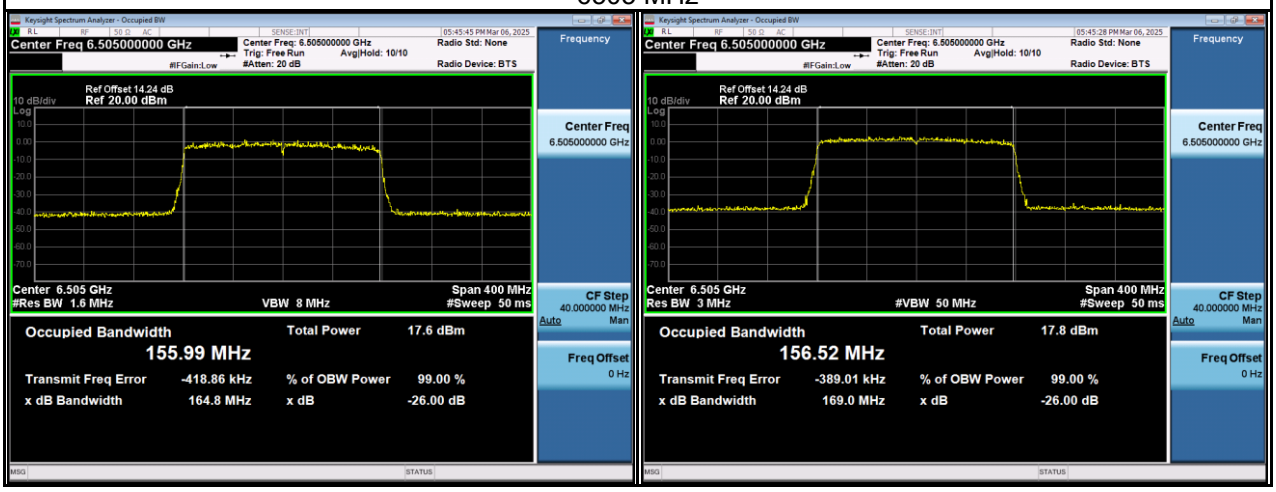
6345 MHz





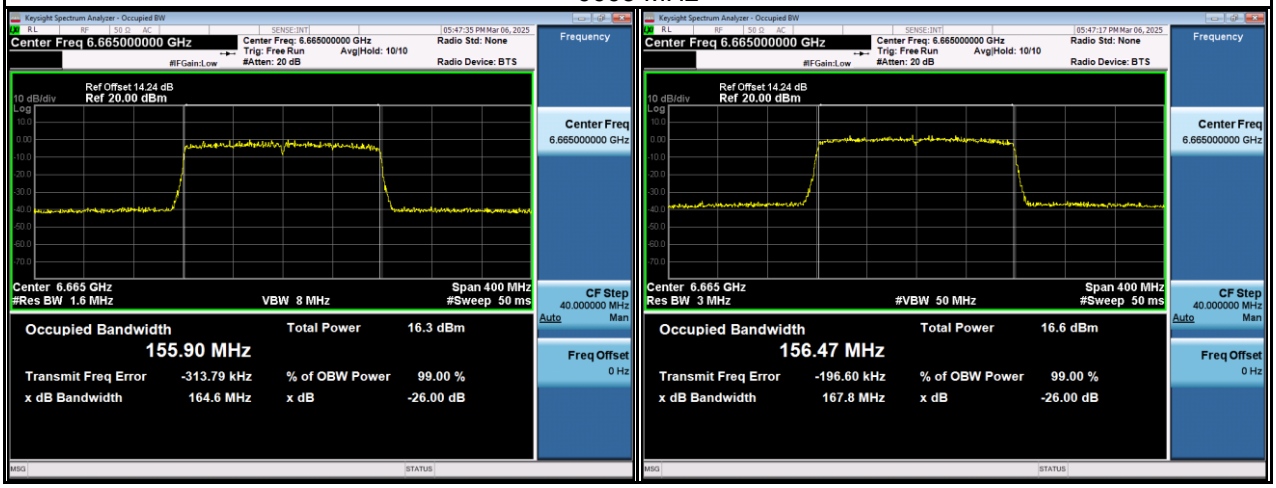
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6505	164.80	156.52	160	Pass

6505 MHz



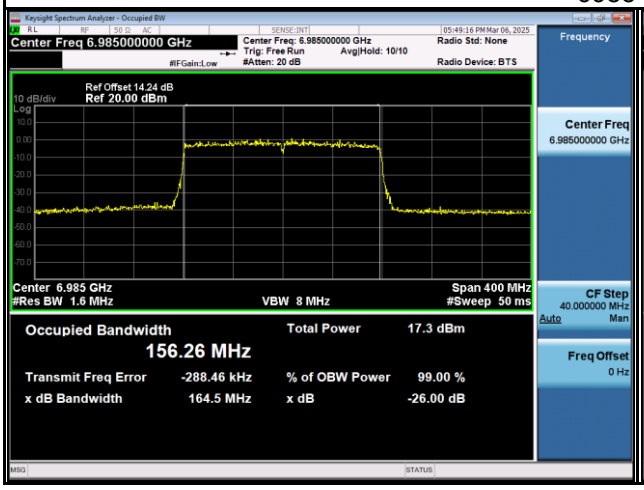
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6665	164.60	156.47	160	Pass

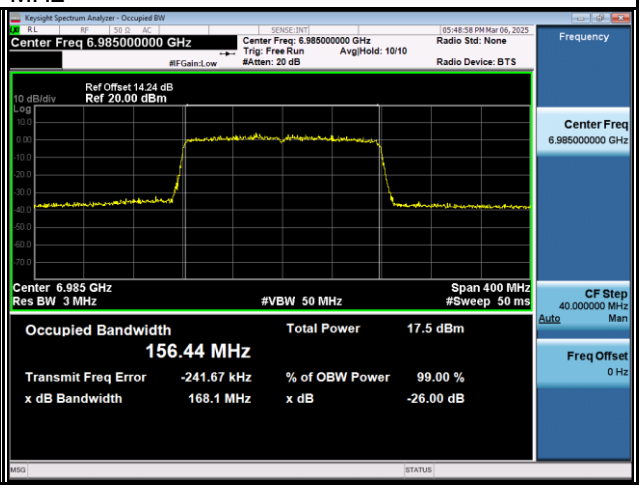
6665 MHz



Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit (MHz)	Result
6985	164.50	156.44	160	Pass

6985 MHz





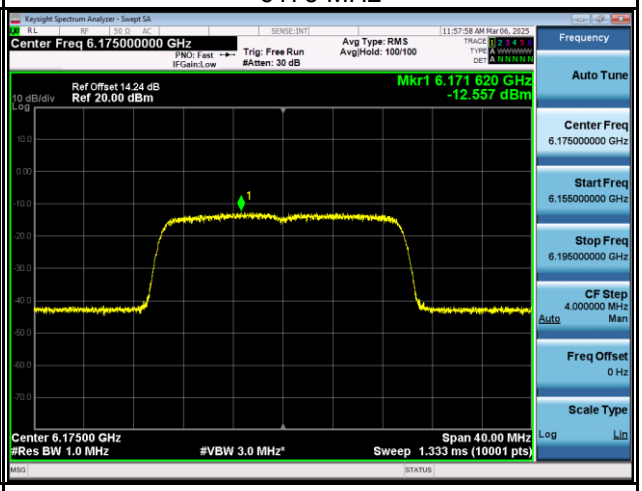
APPENDIX C MAXIMUM POWER SPECTRAL DENSIT

Test Mode	IEEE 802.11ax (HE20)_ Main Antenna

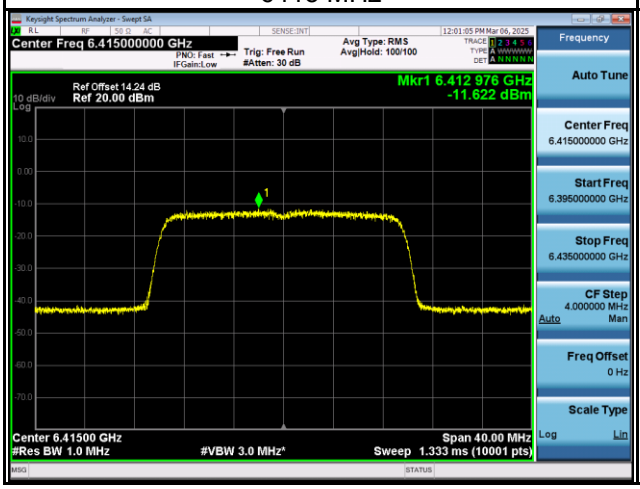
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
5955	-12.65	0.04	-12.62	7.70	-4.92	-1.00	Pass
6175	-12.56	0.04	-12.52	7.70	-4.82	-1.00	Pass
6415	-11.62	0.04	-11.59	7.70	-3.89	-1.00	Pass

5955 MHz

6175 MHz



6415 MHz



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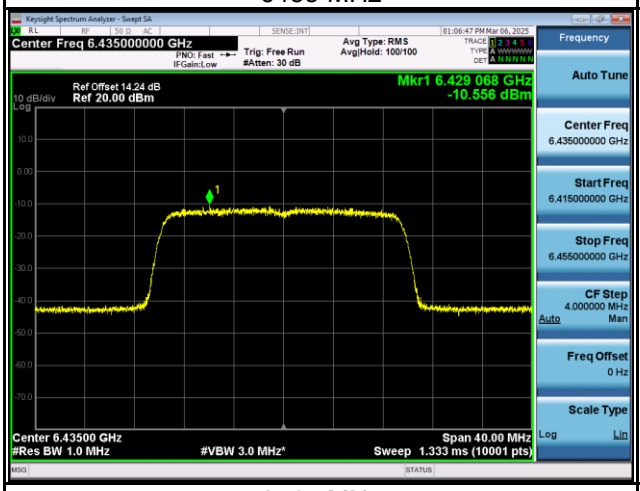
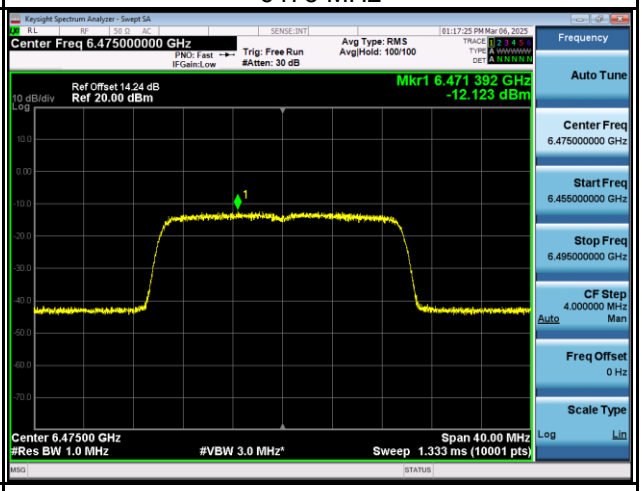
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6435	-10.56	0.04	-10.52	6.92	-3.60	-1.00	Pass
6475	-12.12	0.04	-12.09	6.92	-5.17	-1.00	Pass
6515	-12.07	0.04	-12.03	6.92	-5.11	-1.00	Pass

6435 MHz



6475 MHz



6515 MHz

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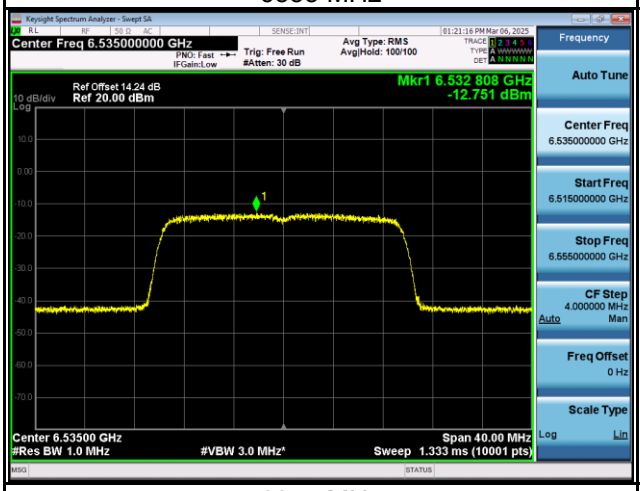
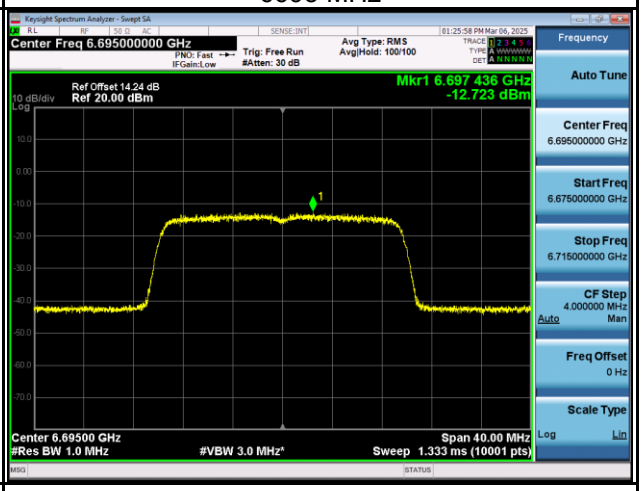
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6535	-12.75	0.04	-12.71	7.86	-4.85	-1.00	Pass
6695	-12.72	0.04	-12.69	7.86	-4.83	-1.00	Pass
6855	-13.19	0.04	-13.15	7.86	-5.29	-1.00	Pass

6535 MHz



6695 MHz



6855 MHz

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Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6875	-13.70	0.04	-13.67	6.86	-6.81	-1.00	Pass
6995	-12.31	0.04	-12.28	6.86	-5.42	-1.00	Pass
7115	-11.95	0.04	-11.92	6.86	-5.06	-1.00	Pass

6875 MHz

6995 MHz

7115 MHz

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Test Mode	IEEE 802.11ax (HE20)_ Aux Antenna

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
5955	-11.73	0.04	-11.69	7.70	-3.99	-1.00	Pass
6175	-11.36	0.04	-11.33	7.70	-3.63	-1.00	Pass
6415	-11.90	0.04	-11.86	7.70	-4.16	-1.00	Pass

5955 MHz

6175 MHz

6415 MHz

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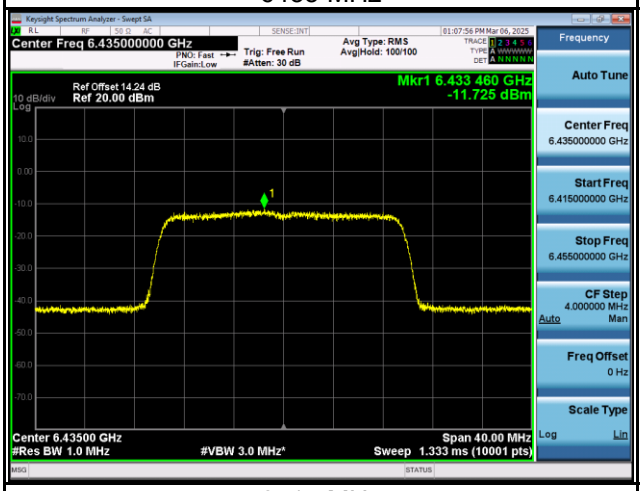
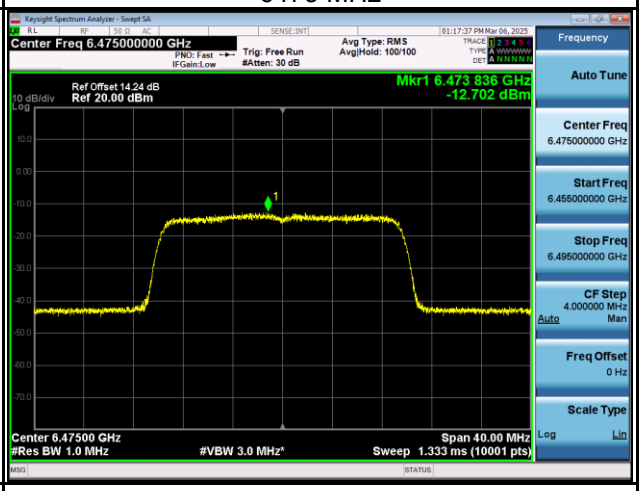
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6435	-11.73	0.04	-11.69	6.92	-4.77	-1.00	Pass
6475	-12.70	0.04	-12.67	6.92	-5.75	-1.00	Pass
6515	-12.19	0.04	-12.15	6.92	-5.23	-1.00	Pass

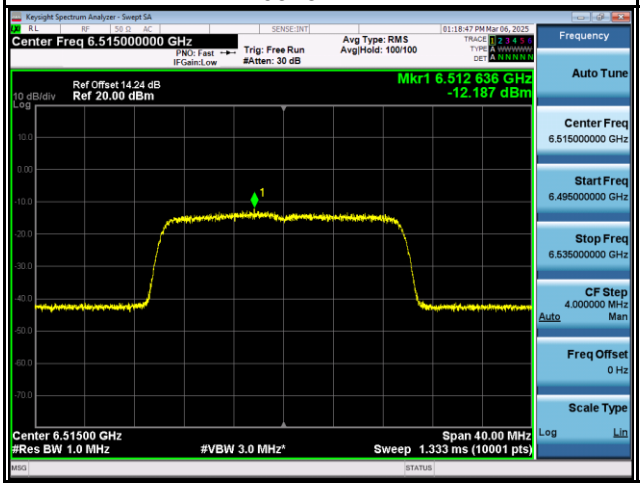
6435 MHz



6475 MHz



6515 MHz



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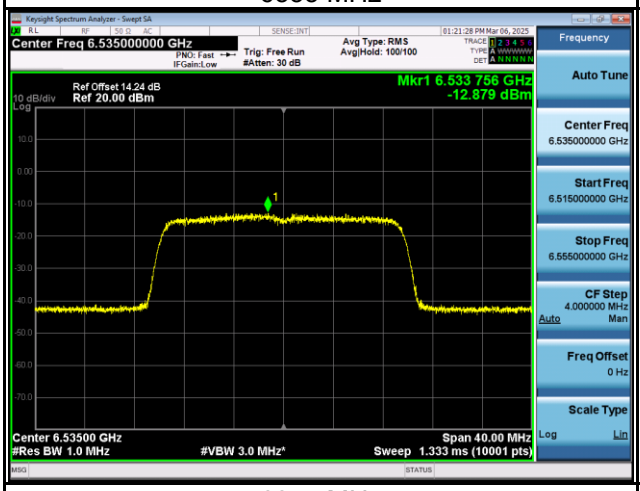
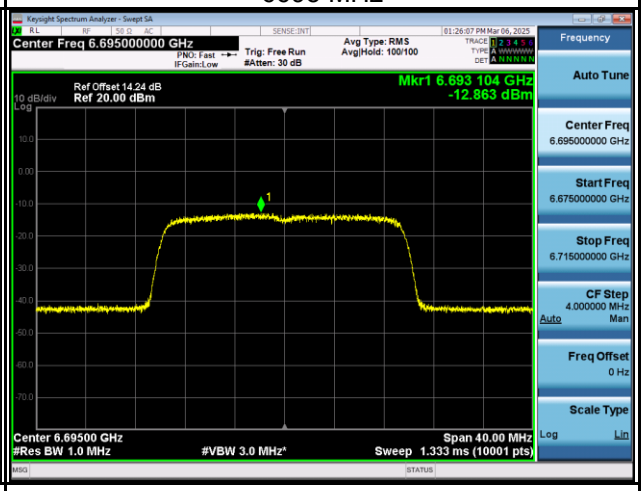
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6535	-12.88	0.04	-12.84	7.86	-4.98	-1.00	Pass
6695	-12.86	0.04	-12.83	7.86	-4.97	-1.00	Pass
6855	-11.89	0.04	-11.86	7.86	-4.00	-1.00	Pass

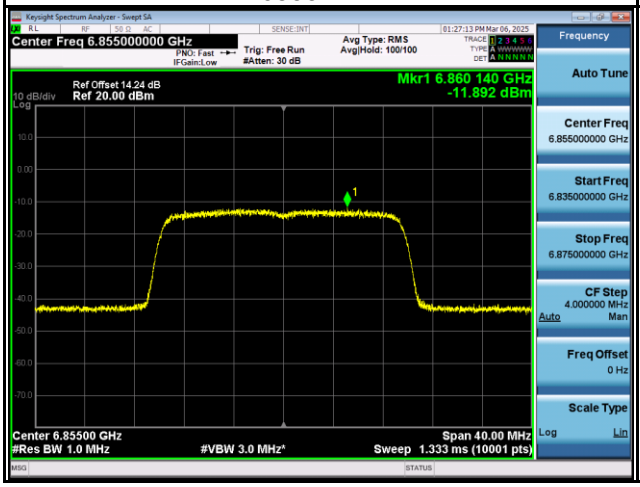
6535 MHz



6695 MHz



6855 MHz



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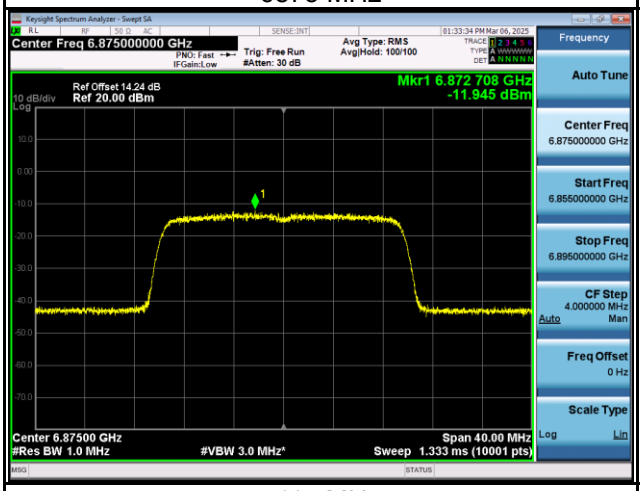
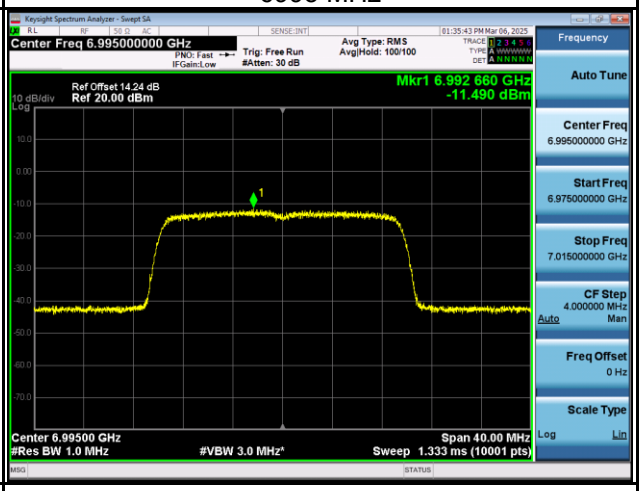
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6875	-11.95	0.04	-11.91	6.86	-5.05	-1.00	Pass
6995	-11.49	0.04	-11.45	6.86	-4.59	-1.00	Pass
7115	-11.47	0.04	-11.43	6.86	-4.57	-1.00	Pass

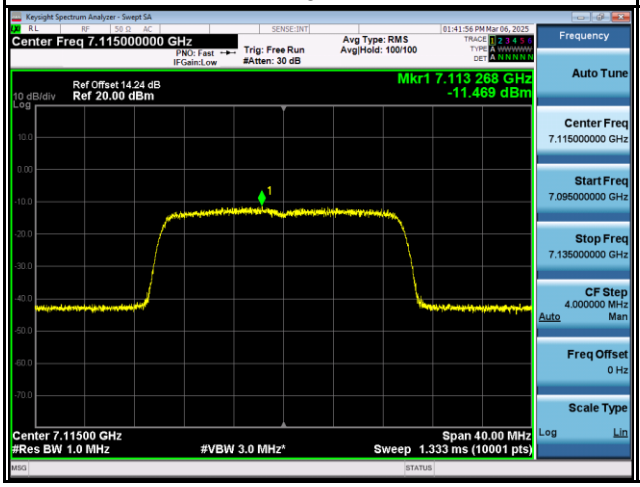
6875 MHz



6995 MHz



7115 MHz



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Test Mode	IEEE 802.11ax (HE20)_ Total

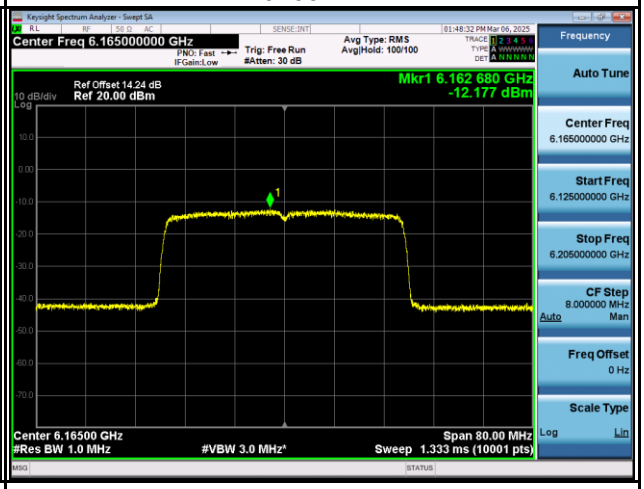
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
5955	-9.16	0.04	-9.12	7.70	-1.42	-1.00	Pass
6175	-8.91	0.04	-8.87	7.70	-1.17	-1.00	Pass
6415	-8.75	0.04	-8.71	7.70	-1.01	-1.00	Pass
6435	-8.09	0.04	-8.05	6.92	-1.13	-1.00	Pass
6475	-9.39	0.04	-9.36	6.92	-2.44	-1.00	Pass
6515	-9.12	0.04	-9.08	6.92	-2.16	-1.00	Pass
6535	-9.80	0.04	-9.77	7.86	-1.91	-1.00	Pass
6695	-9.78	0.04	-9.75	7.86	-1.89	-1.00	Pass
6855	-9.48	0.04	-9.45	7.86	-1.59	-1.00	Pass
6875	-9.73	0.04	-9.69	6.86	-2.83	-1.00	Pass
6995	-8.87	0.04	-8.83	6.86	-1.97	-1.00	Pass
7115	-8.69	0.04	-8.66	6.86	-1.80	-1.00	Pass

Test Mode	IEEE 802.11ax (HE40)_ Main Antenna

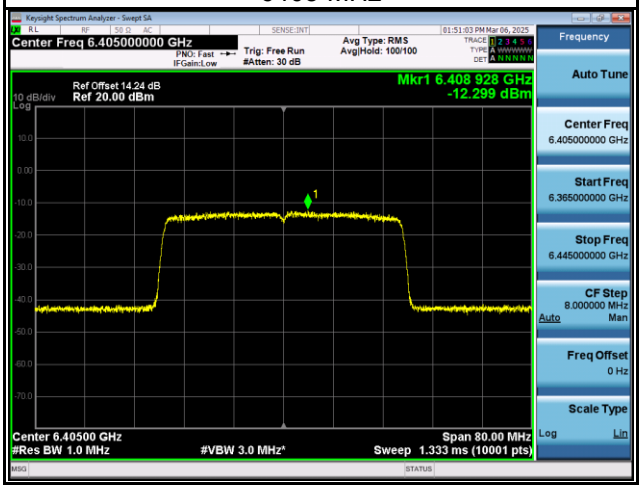
Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
5965	-12.19	0.04	-12.14	7.70	-4.44	-1.00	Pass
6165	-12.18	0.04	-12.13	7.70	-4.43	-1.00	Pass
6405	-12.30	0.04	-12.26	7.70	-4.56	-1.00	Pass

5965 MHz

6165 MHz



6405 MHz



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Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Directional Gain (dBi)	Calculated e.i.r.p. Spectral Density (dBm/MHz)	e.i.r.p. Power Spectral Density Limit (dBm/MHz)	Result
6445	-11.08	0.04	-11.04	6.92	-4.12	-1.00	Pass
6485	-11.67	0.04	-11.62	6.92	-4.70	-1.00	Pass

6445 MHz

6485 MHz