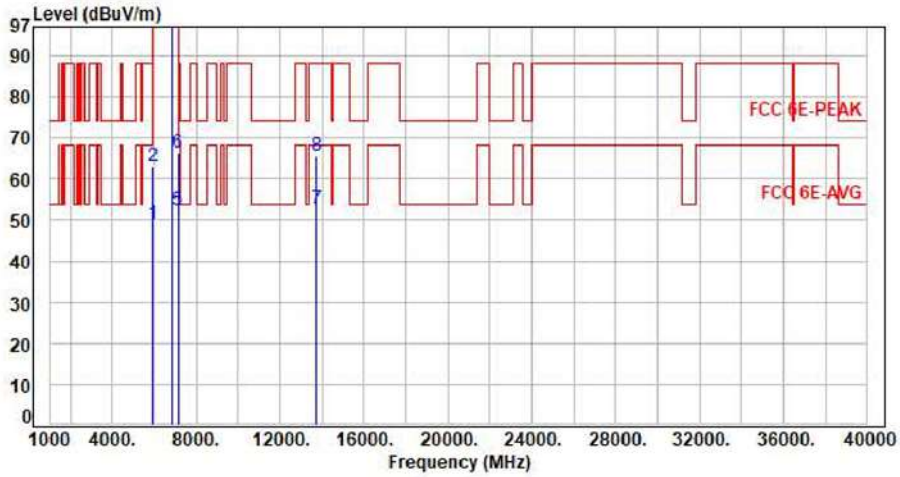
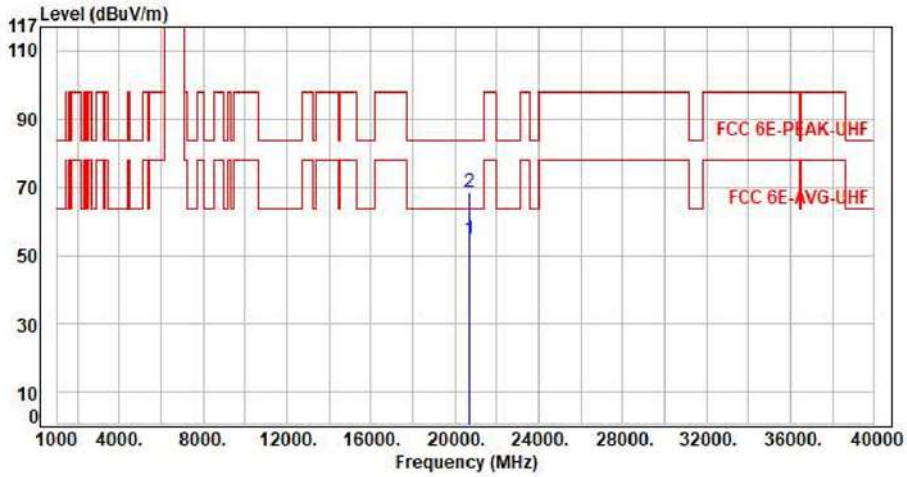
Test Mode : 2TX 11ax40 CH187 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.41	49.14	68.20	-19.06	Average	207	13	P
2	5925.00	7.73	55.49	63.22	88.20	-24.98	Peak	207	13	P
3	6885.00	9.47	93.27	102.74	200.00	-97.26	Average	207	13	P
4	6885.00	9.47	106.36	115.83	200.00	-84.17	Peak	207	13	P
5	7125.00	11.08	41.40	52.48	68.20	-15.72	Average	207	13	P
6	7125.00	11.08	55.16	66.24	88.20	-21.96	Peak	207	13	P
7	13770.00	21.89	30.69	52.58	68.20	-15.62	Average	100	127	P
8	13770.00	21.89	43.59	65.48	88.20	-22.72	Peak	100	127	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

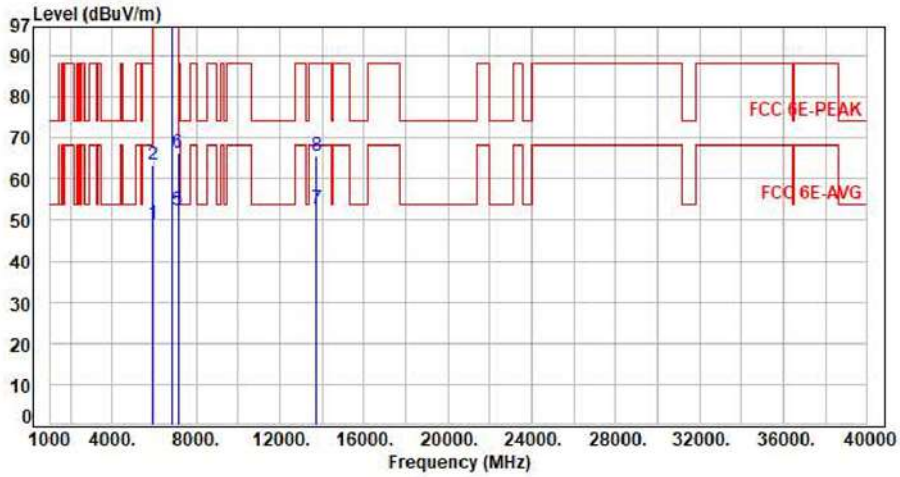
Test Mode : 2TX 11ax40 CH187 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20655.00	10.99	43.52	54.51	63.54	-9.03	Average	150	360	P
2	20655.00	10.99	57.61	68.60	83.54	-14.94	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

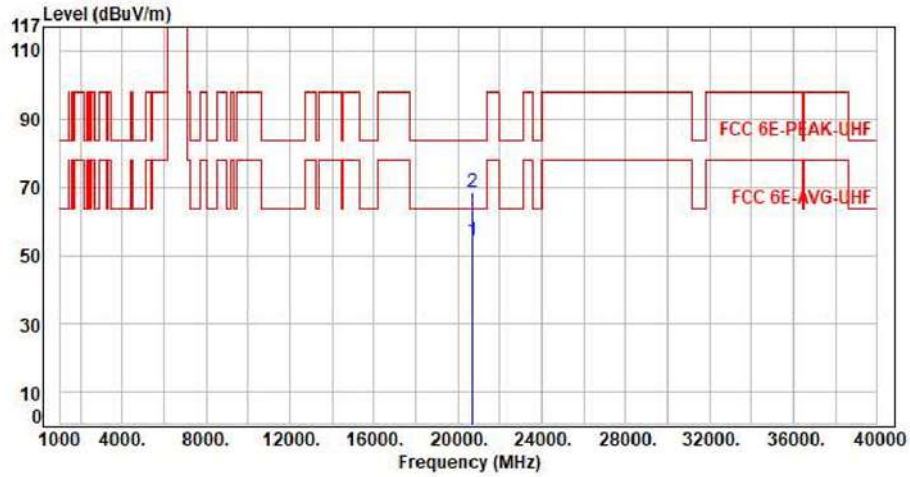
Test Mode : 2TX 11ax40 CH187 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.43	49.16	68.20	-19.04	Average	264	71	P
2	5925.00	7.73	55.87	63.60	88.20	-24.60	Peak	264	71	P
3	6885.00	9.47	98.32	107.79	200.00	-92.21	Average	264	71	P
4	6885.00	9.47	110.81	120.28	200.00	-79.72	Peak	264	71	P
5	7125.00	11.08	41.39	52.47	68.20	-15.73	Average	264	71	P
6	7125.00	11.08	55.32	66.40	88.20	-21.80	Peak	264	71	P
7	13750.00	21.81	31.10	52.91	68.20	-15.29	Average	100	221	P
8	13750.00	21.81	43.72	65.53	88.20	-22.67	Peak	100	221	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

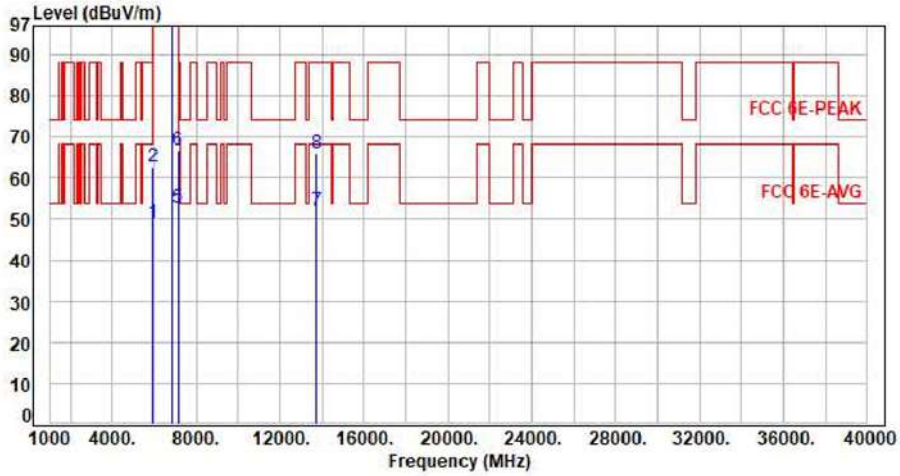
Test Mode : 2TX 11ax40 CH187 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20655.00	10.99	43.26	54.25	63.54	-9.29	Average	150	360	P
2	20655.00	10.99	57.45	68.44	83.54	-15.10	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

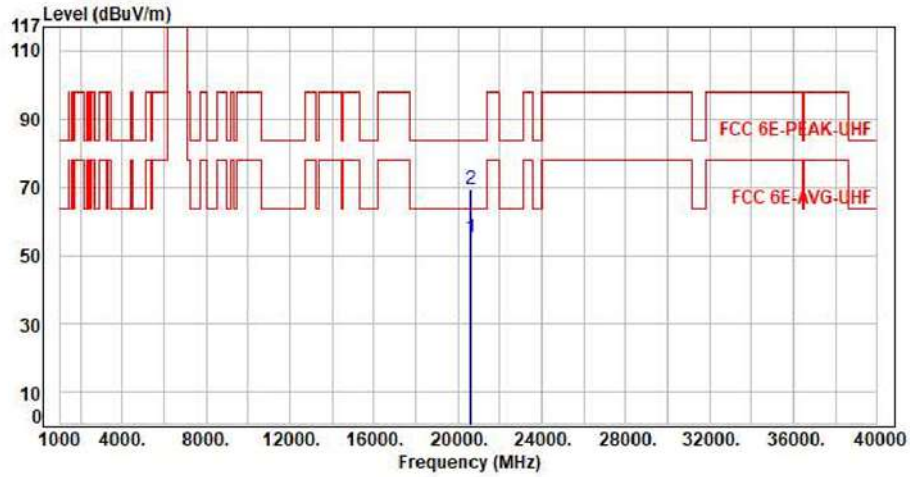
Test Mode : 2TX 11ax80 CH183 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.42	49.15	68.20	-19.05	Average	208	14	P
2	5925.00	7.73	54.92	62.65	88.20	-25.55	Peak	208	14	P
3	6865.00	9.47	90.98	100.45	200.00	-99.55	Average	208	14	P
4	6865.00	9.47	102.82	112.29	200.00	-87.71	Peak	208	14	P
5	7125.00	11.08	41.56	52.64	68.20	-15.56	Average	208	14	P
6	7125.00	11.08	55.57	66.65	88.20	-21.55	Peak	208	14	P
7	13730.00	21.76	30.21	51.97	68.20	-16.23	Average	100	124	P
8	13730.00	21.76	44.27	66.03	88.20	-22.17	Peak	100	124	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

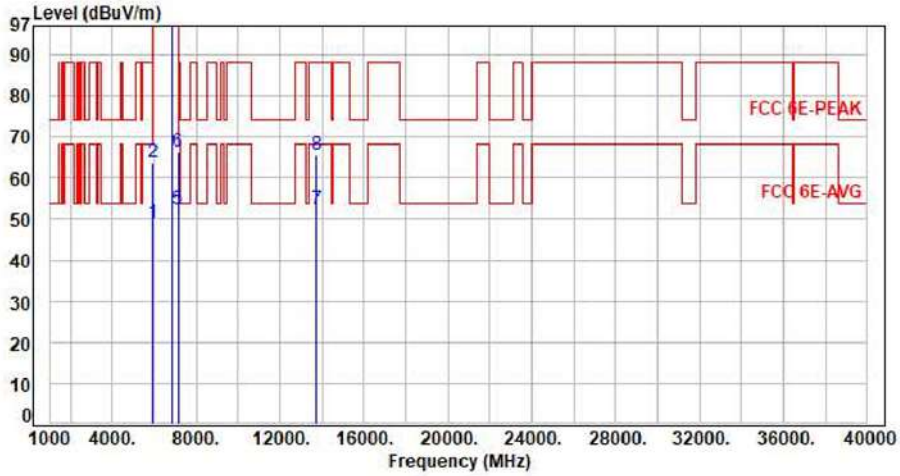
Test Mode : 2TX 11ax80 CH183 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20595.00	11.31	43.75	55.06	63.54	-8.48	Average	150	360	P
2	20595.00	11.31	58.24	69.55	83.54	-13.99	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

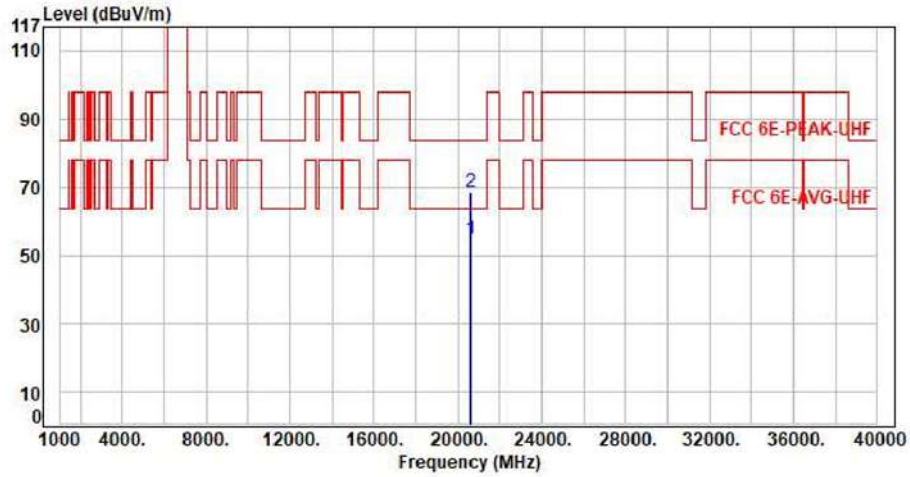
Test Mode : 2TX 11ax80 CH183 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.42	49.15	68.20	-19.05	Average	254	74	P
2	5925.00	7.73	56.06	63.79	88.20	-24.41	Peak	254	74	P
3	6865.00	9.47	95.69	105.16	200.00	-94.84	Average	254	74	P
4	6865.00	9.47	108.73	118.20	200.00	-81.80	Peak	254	74	P
5	7125.00	11.08	41.44	52.52	68.20	-15.68	Average	254	74	P
6	7125.00	11.08	55.48	66.56	88.20	-21.64	Peak	254	74	P
7	13730.00	21.76	30.63	52.39	68.20	-15.81	Average	100	216	P
8	13730.00	21.76	43.88	65.64	88.20	-22.56	Peak	100	216	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

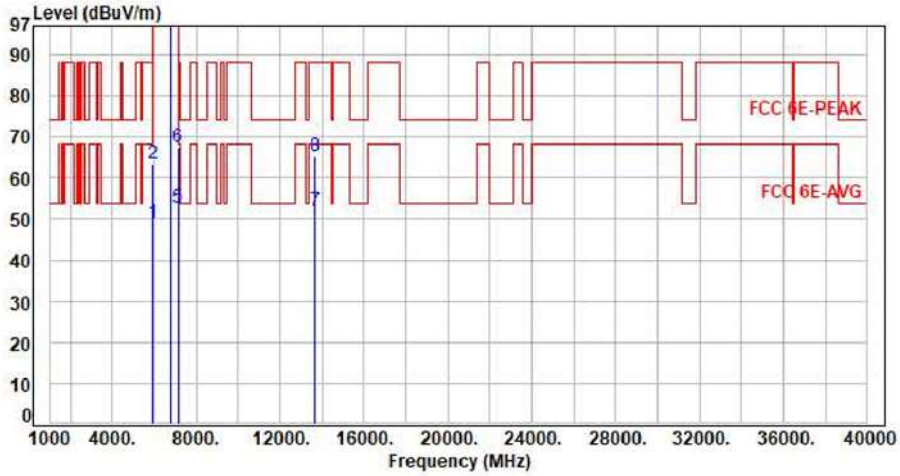
Test Mode : 2TX 11ax80 CH183 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20595.00	11.31	43.54	54.85	63.54	-8.69	Average	150	360	P
2	20595.00	11.31	57.39	68.70	83.54	-14.84	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

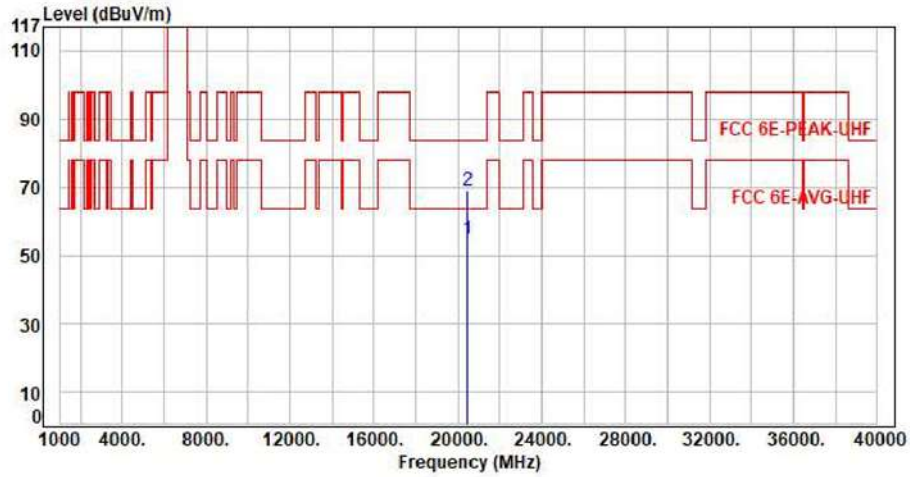
Test Mode : 2TX 11ax160 CH175 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.44	49.17	68.20	-19.03	Average	100	0	P
2	5925.00	7.73	55.72	63.45	88.20	-24.75	Peak	100	0	P
3	6825.00	9.47	89.13	98.60	200.00	-101.40	Average	100	0	P
4	6825.00	9.47	101.46	110.93	200.00	-89.07	Peak	100	0	P
5	7125.00	11.08	41.75	52.83	68.20	-15.37	Average	100	0	P
6	7125.00	11.08	56.31	67.39	88.20	-20.81	Peak	100	0	P
7	13650.00	21.35	30.55	51.90	68.20	-16.30	Average	100	125	P
8	13650.00	21.35	43.94	65.29	88.20	-22.91	Peak	100	125	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

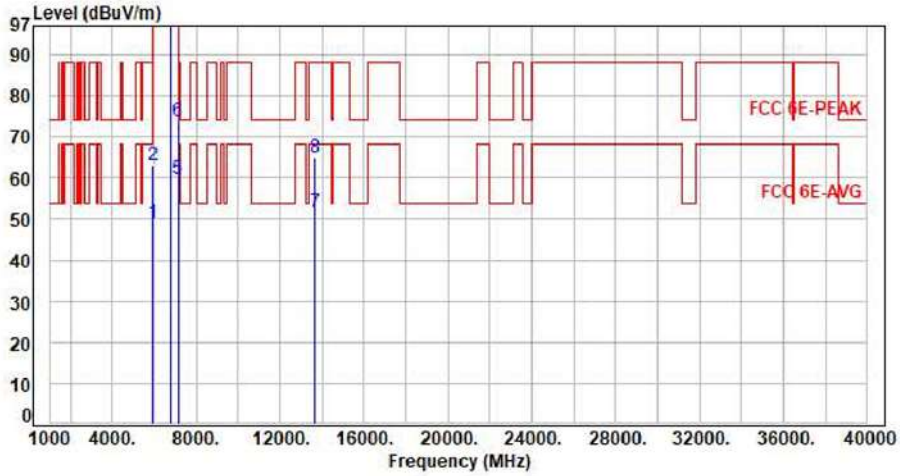
Test Mode : 2TX 11ax160 CH175 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20475.00	11.45	43.44	54.89	63.54	-8.65	Average	150	360	P
2	20475.00	11.45	57.69	69.14	83.54	-14.40	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

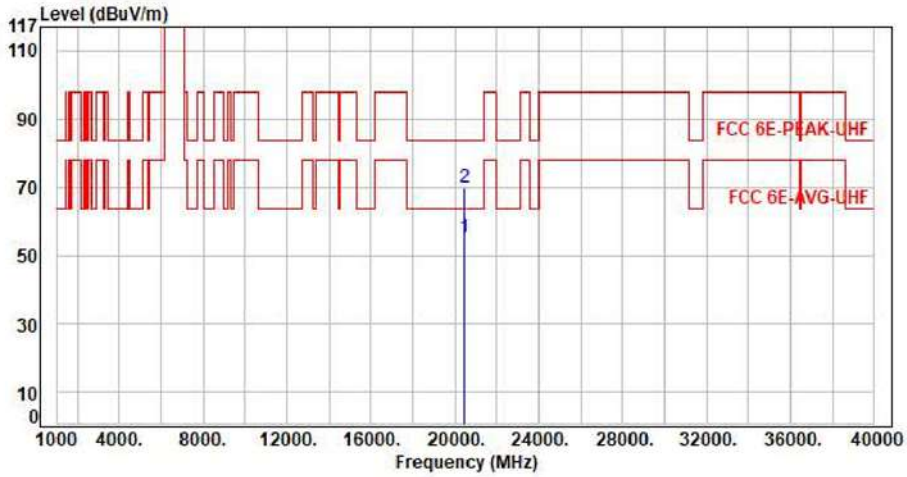
Test Mode : 2TX 11ax160 CH175 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5925.00	7.73	41.43	49.16	68.20	-19.04	Average	244	66	P
2	5925.00	7.73	55.43	63.16	88.20	-25.04	Peak	244	66	P
3	6825.00	9.47	93.67	103.14	200.00	-96.86	Average	244	66	P
4	6825.00	9.47	106.27	115.74	200.00	-84.26	Peak	244	66	P
5	7125.00	11.08	48.58	59.66	68.20	-8.54	Average	244	66	P
6	7125.00	11.08	62.69	73.77	88.20	-14.43	Peak	244	66	P
7	13650.00	21.35	30.46	51.81	68.20	-16.39	Average	100	221	P
8	13650.00	21.35	43.71	65.06	88.20	-23.14	Peak	100	221	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11ax160 CH175 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



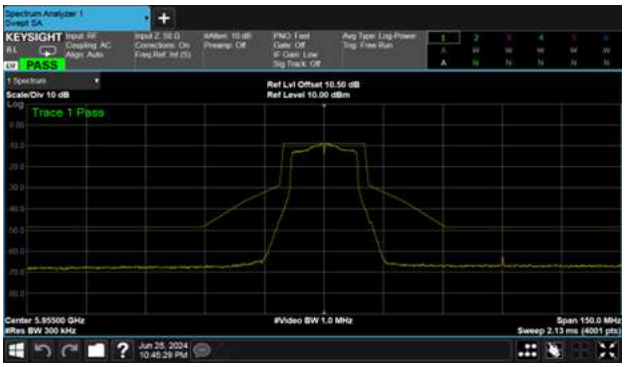
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20475.00	11.45	43.50	54.95	63.54	-8.59	Average	150	360	P
2	20475.00	11.45	58.27	69.72	83.54	-13.82	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

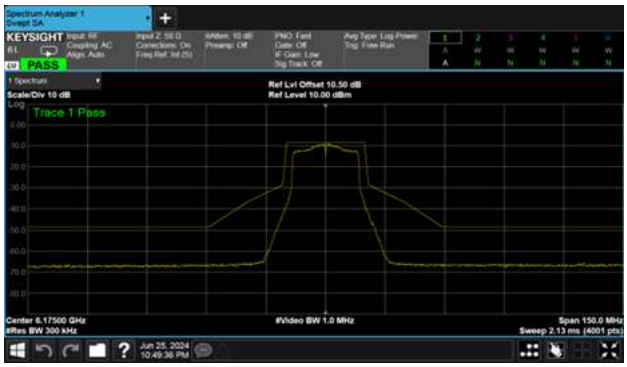
6.7. In-Band Emission

U-NII-5

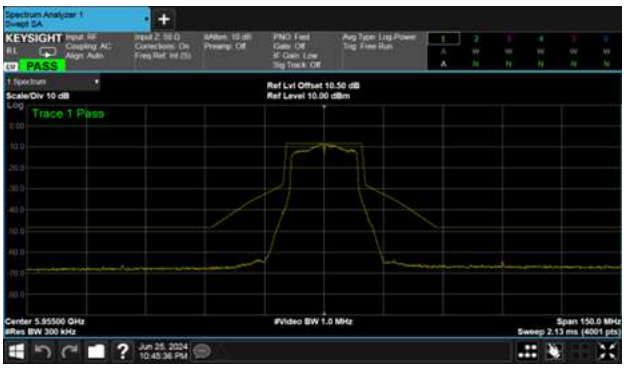
Modulation Type: 802.11a CH01
ANT 5



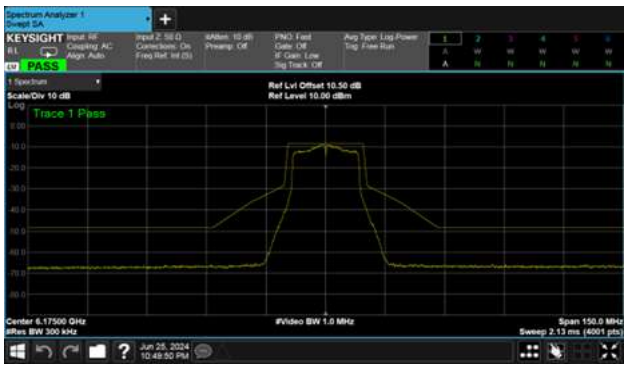
Modulation Type: 802.11a CH45
ANT 5



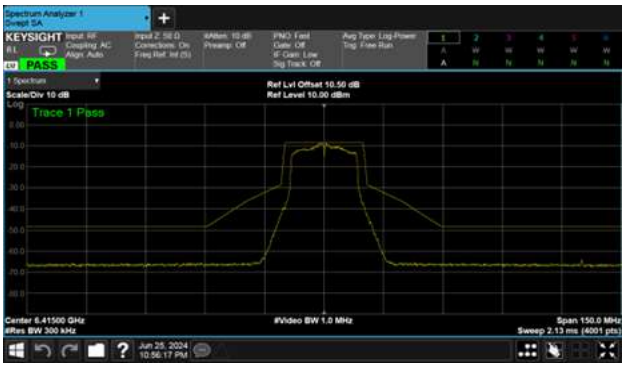
ANT 6



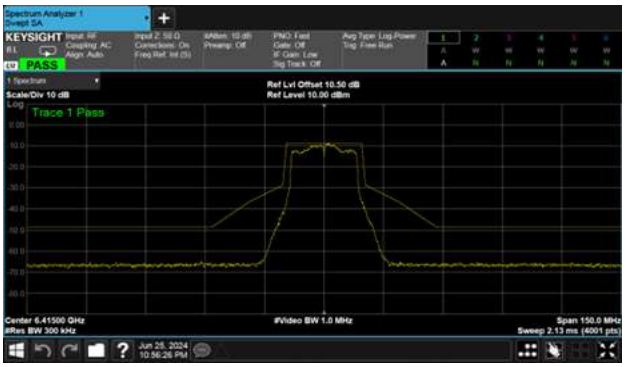
ANT 6



Modulation Type: 802.11a CH93
ANT 5



ANT 6



Modulation Type: 802.11ax HE20 CH01
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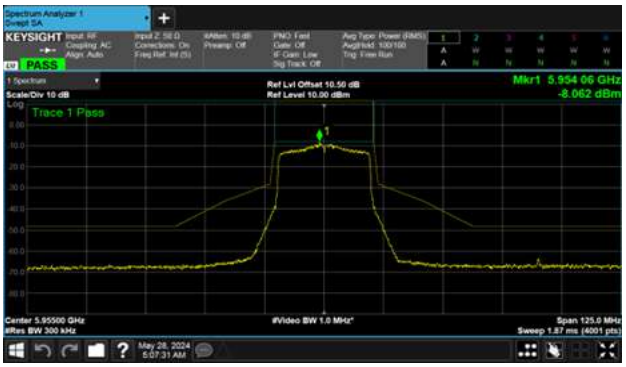
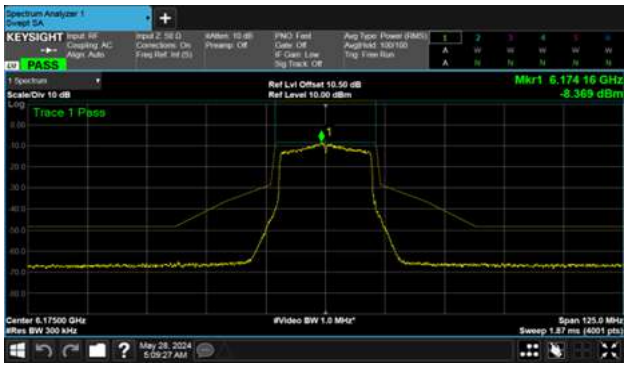
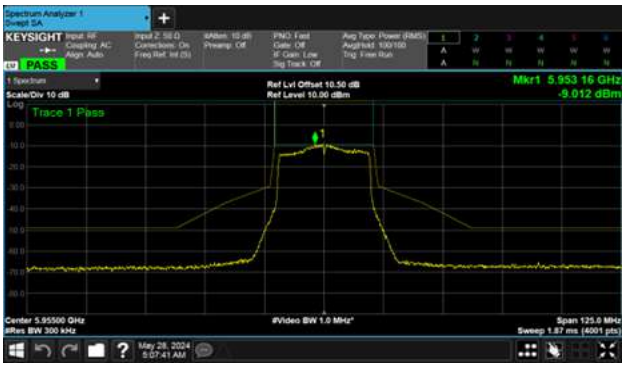


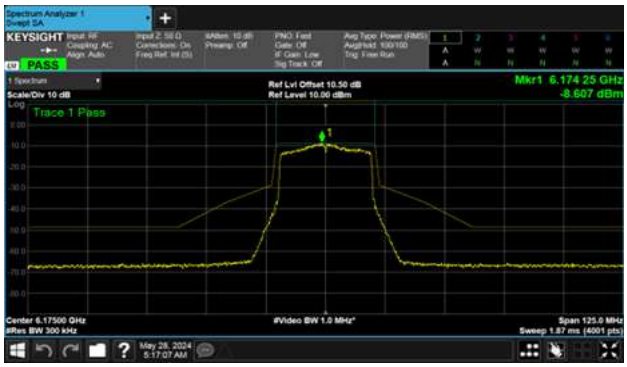
Modulation Type: 802.11ax HE20 CH45
ANT 5



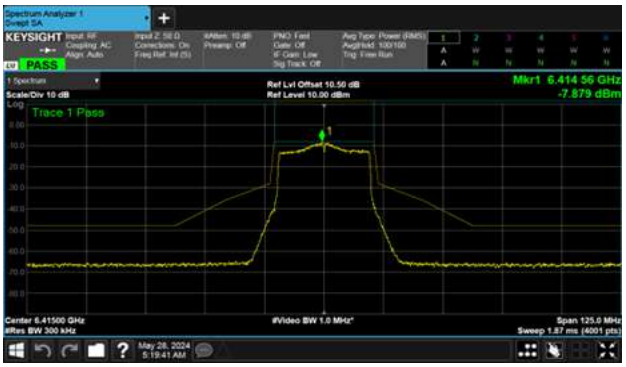
ANT 6



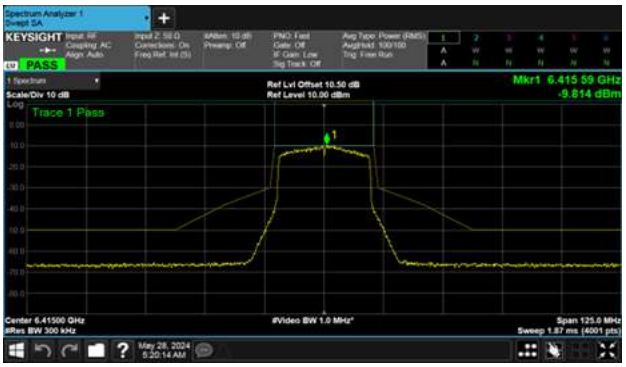
ANT 6



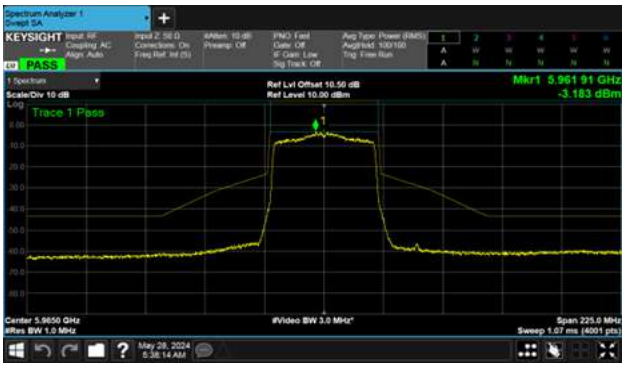
Modulation Type: 802.11ax HE20 CH93
ANT 5



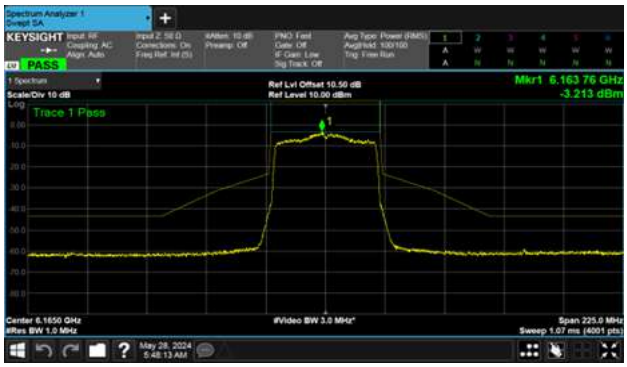
ANT 6



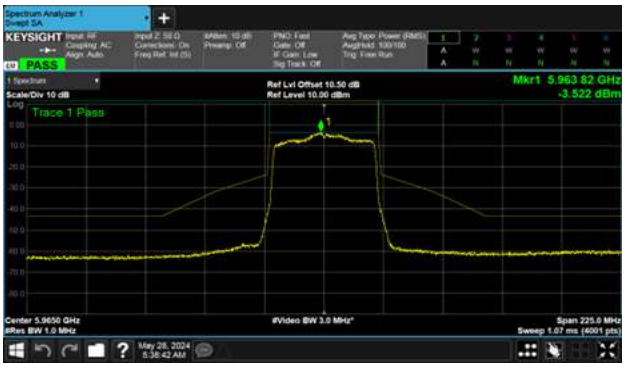
Modulation Type: 802.11ax HE40 CH03
ANT 5



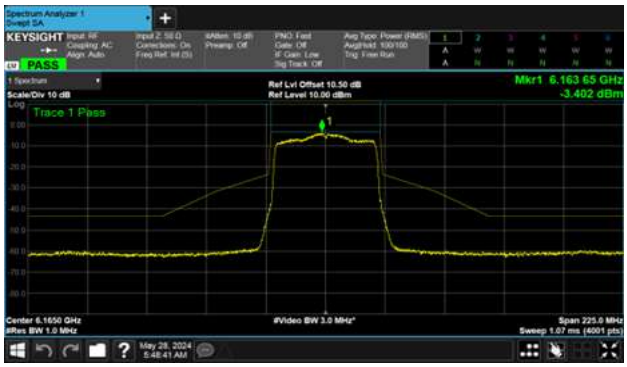
Modulation Type: 802.11ax HE40 CH43
ANT 5



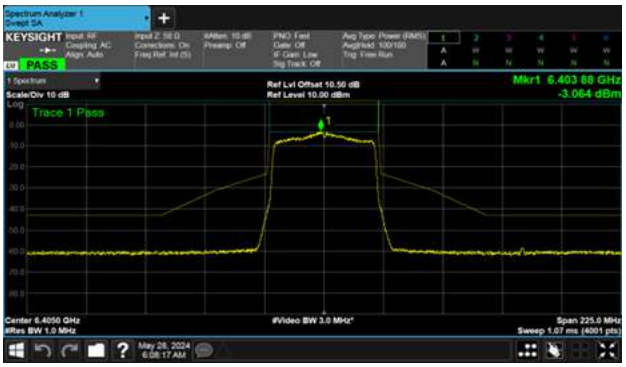
ANT 6



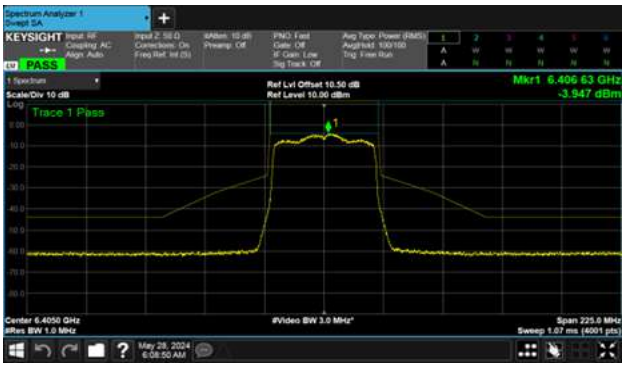
ANT 6



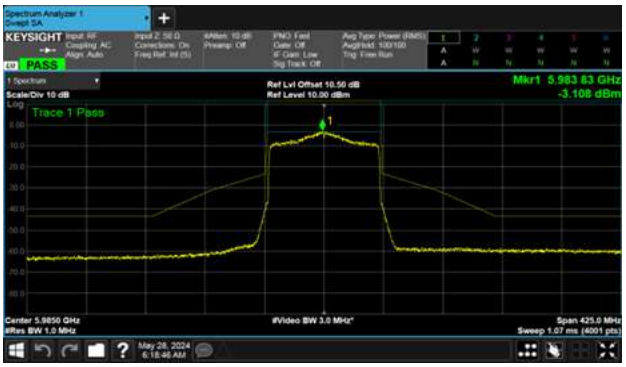
Modulation Type: 802.11ax HE40 CH91
ANT 5



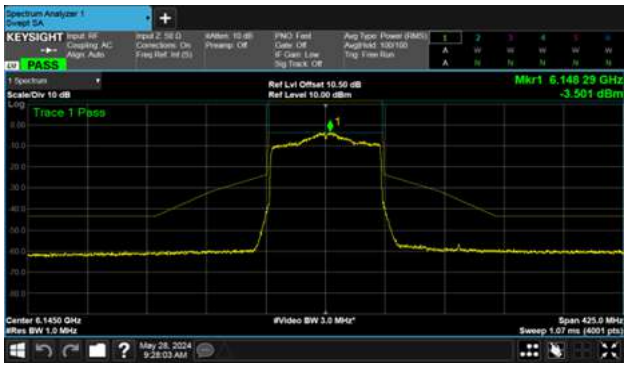
ANT 6



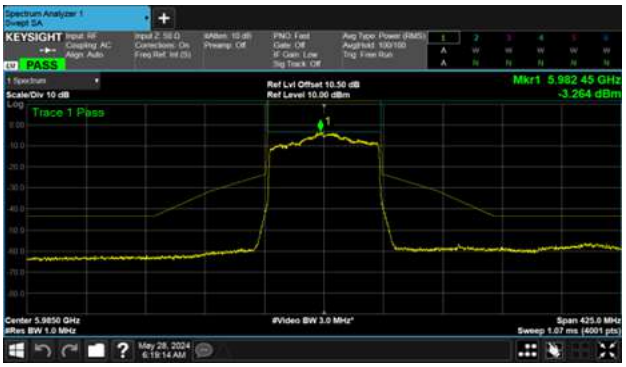
Modulation Type: 802.11ax HE80 CH07
ANT 5



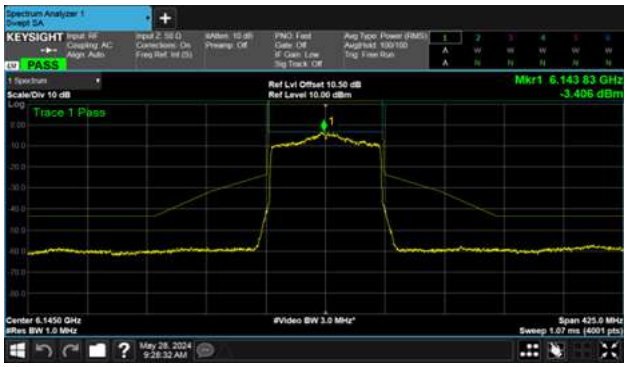
Modulation Type: 802.11ax HE80 CH39
ANT 5



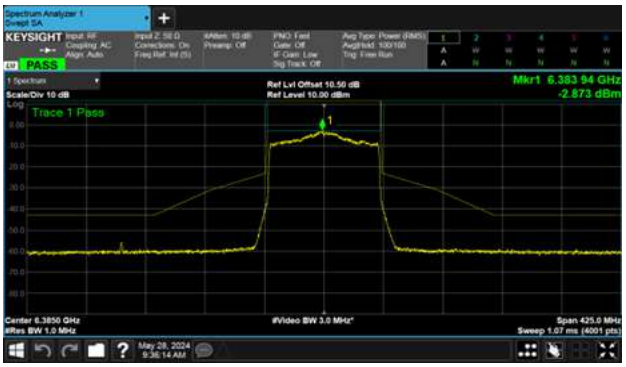
ANT 6



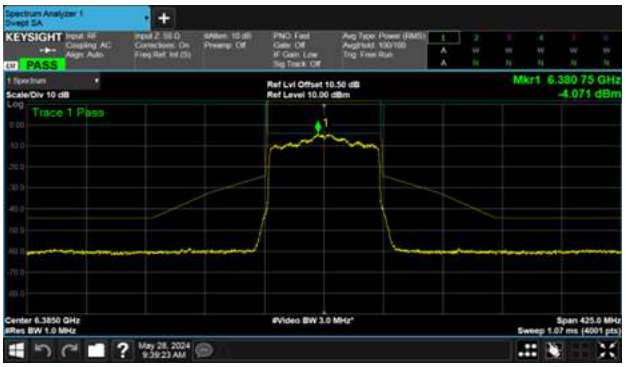
ANT 6



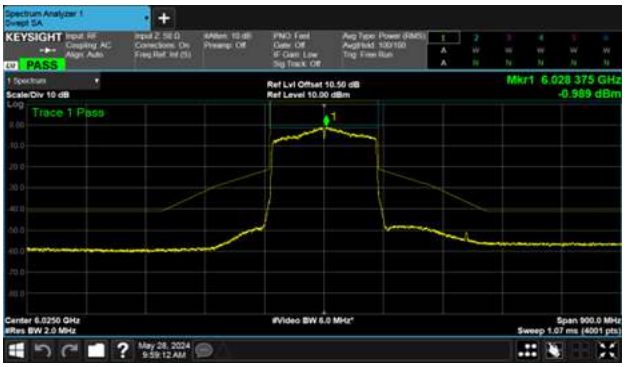
Modulation Type: 802.11ax HE80 CH87
ANT 5



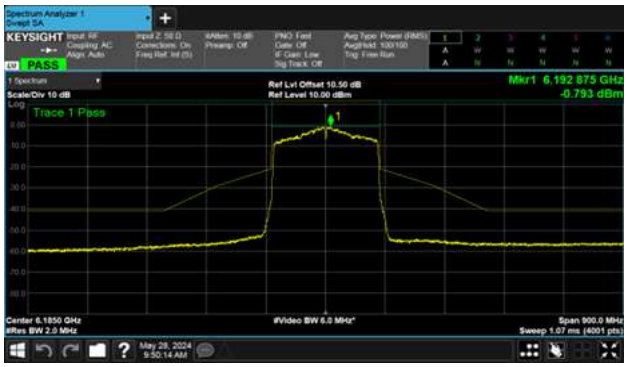
ANT 6



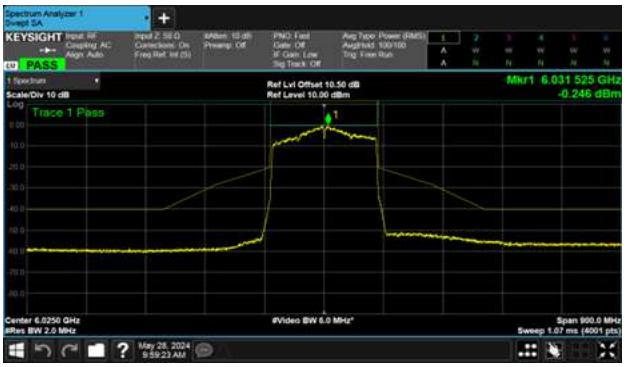
Modulation Type: 802.11ax HE160 CH15
ANT 5



Modulation Type: 802.11ax HE160 CH47
ANT 5



ANT 6



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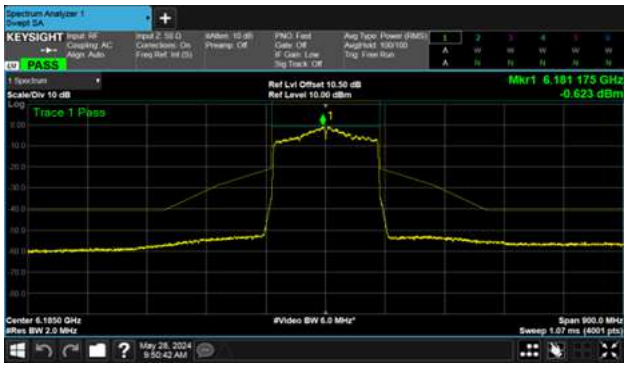
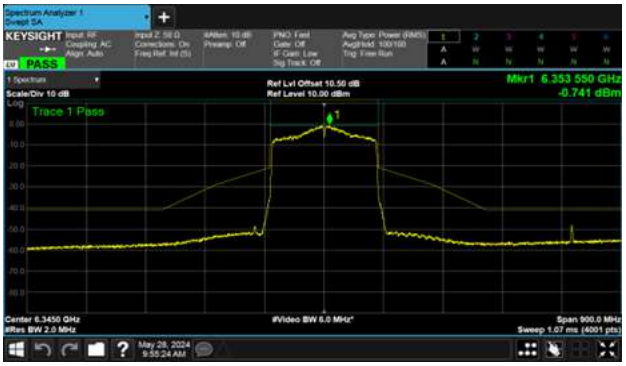


Modulation Type: 802.11ax HE160 CH79
ANT 5



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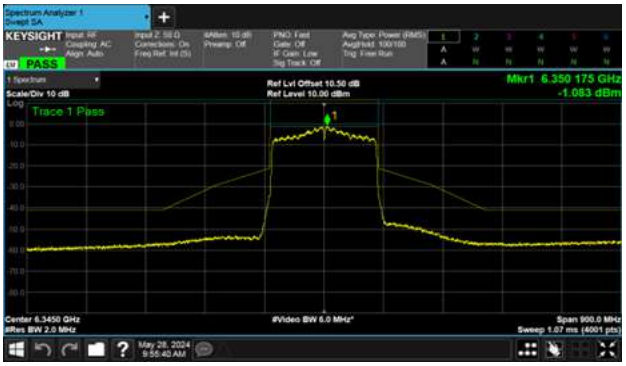
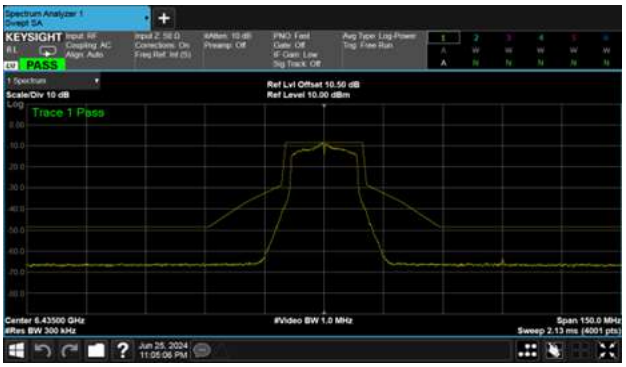
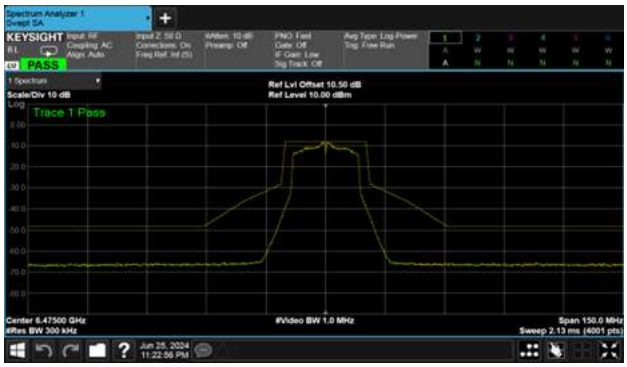


U-NII-6

Modulation Type: 802.11a CH97
ANT 5



Modulation Type: 802.11a CH105
ANT 5



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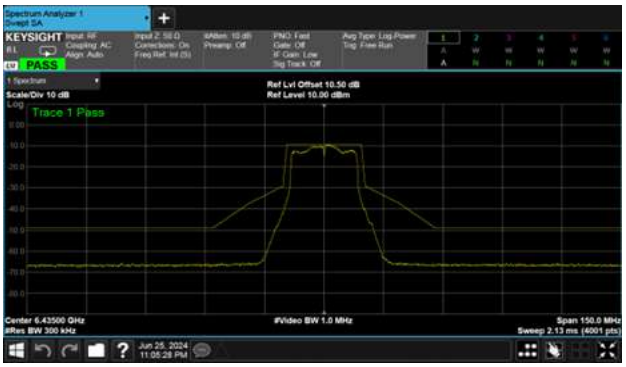
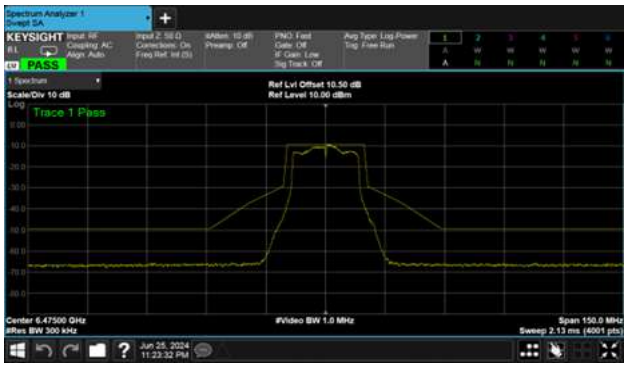
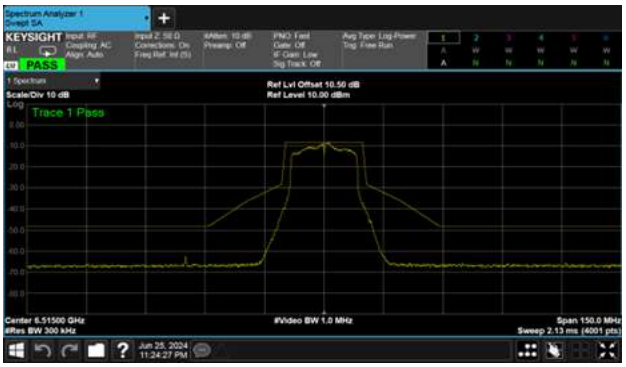


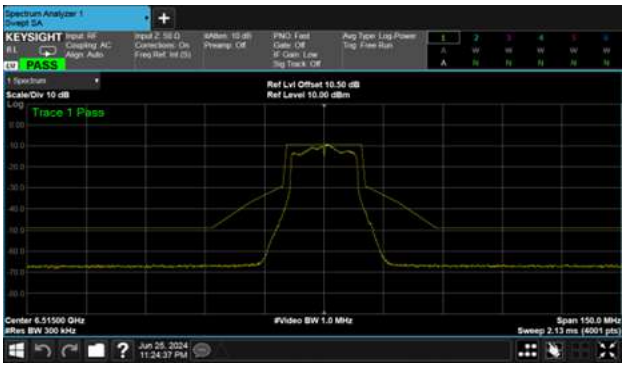
ANT 6



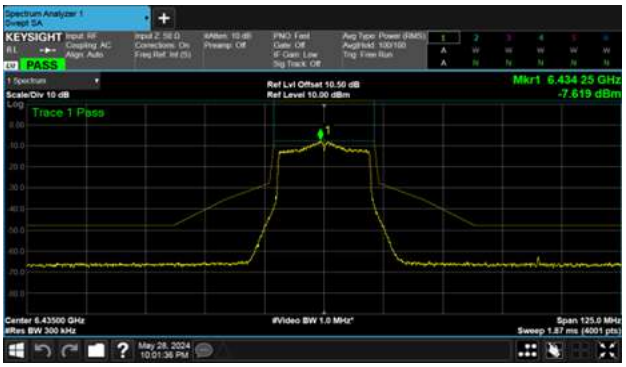
Modulation Type: 802.11a CH113
ANT 5



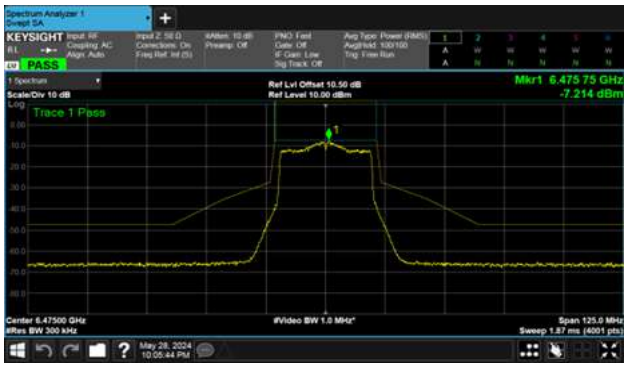
ANT 6



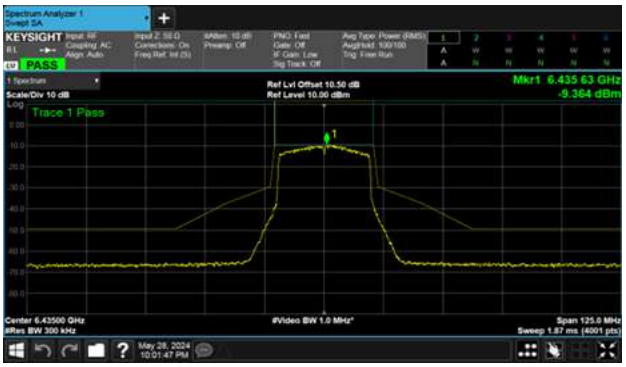
Modulation Type: 802.11ax HE20 CH97
ANT 5



Modulation Type: 802.11ax HE20 CH105
ANT 5



ANT 6



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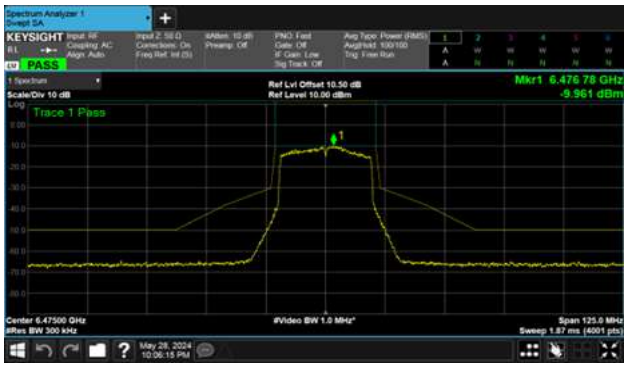
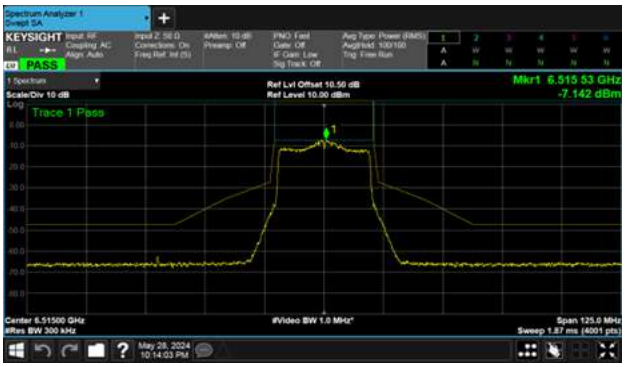
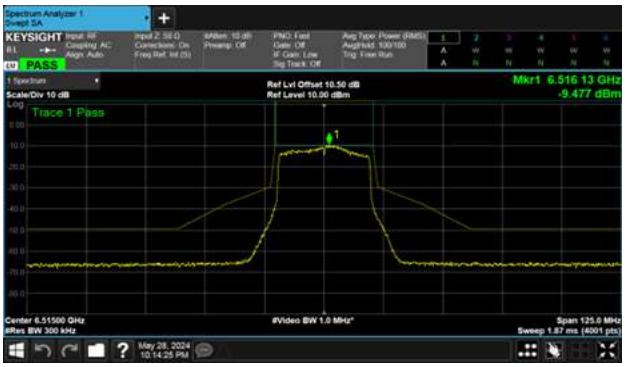


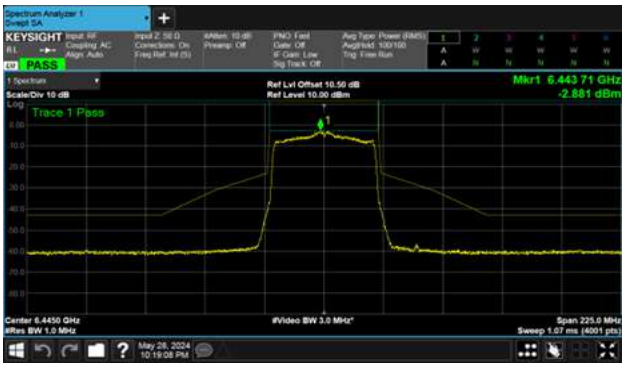
Modulation Type: 802.11ax HE20 CH113
ANT 5



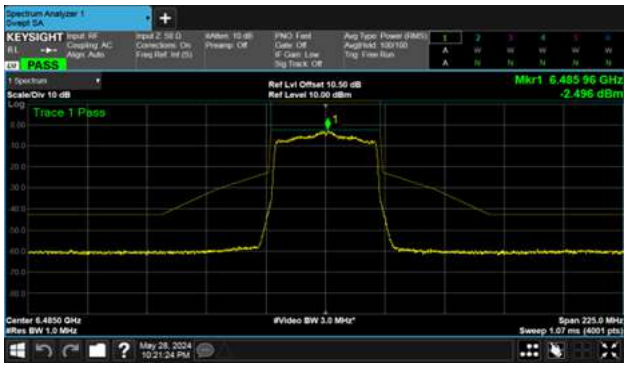
ANT 6



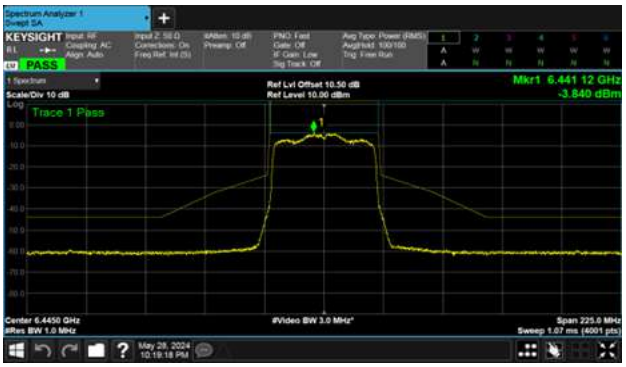
Modulation Type: 802.11ax HE40 CH99
ANT 5



Modulation Type: 802.11ax HE40 CH107
ANT 5



ANT 6



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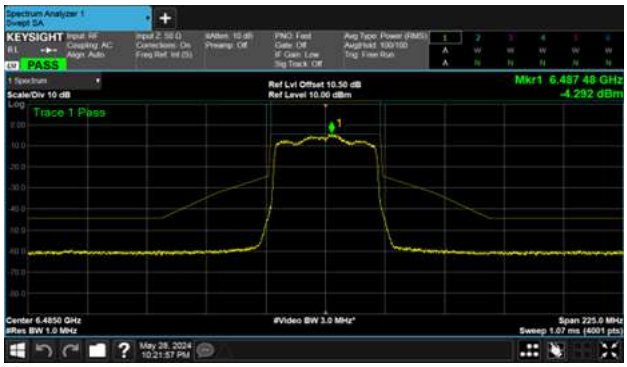
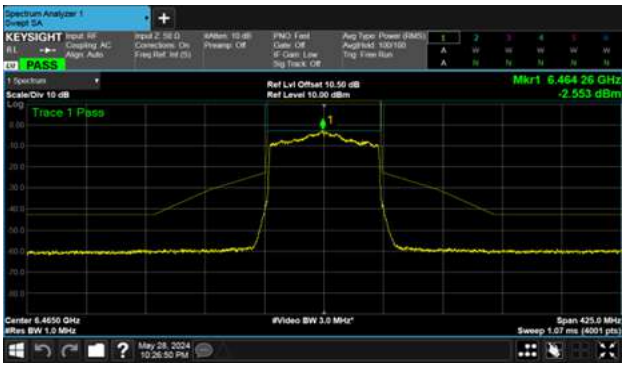
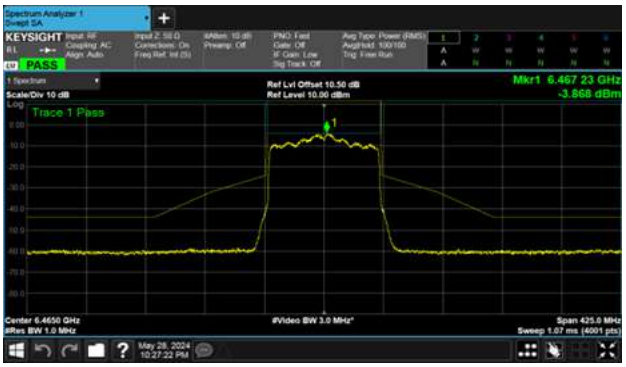


Modulation Type: 802.11ax HE80 CH103
ANT 5

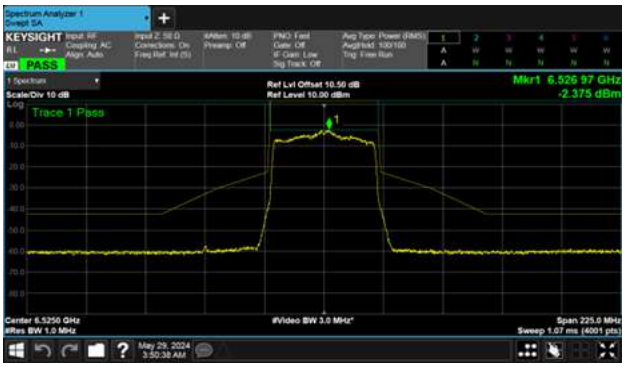


ANT 6

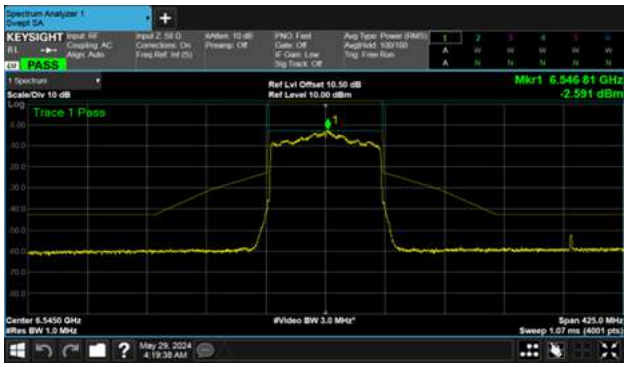


U-NII-6 + U-NII-7 across band

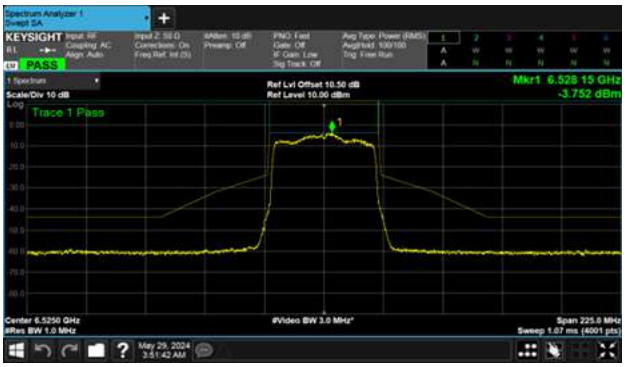
Modulation Type: 802.11ax HE40 CH115
ANT 5



Modulation Type: 802.11ax HE80 CH119
ANT 5



ANT 6



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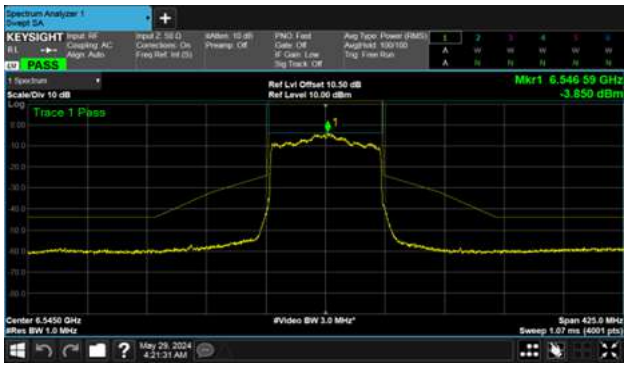
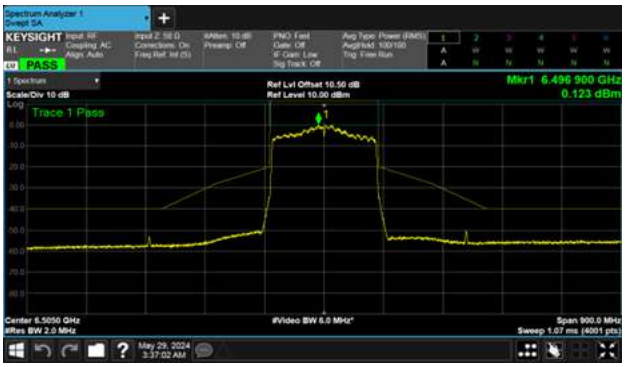
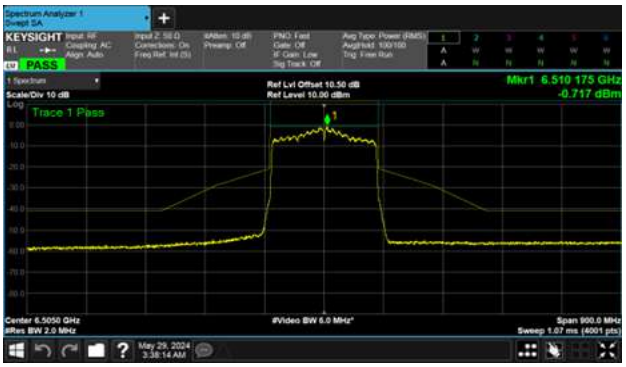


Modulation Type: 802.11ax HE160 CH111
ANT 5

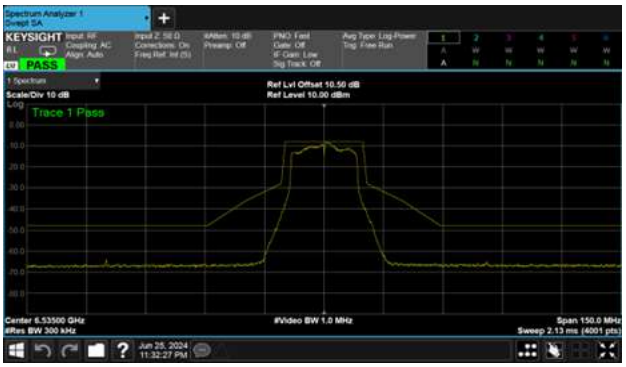


ANT 6

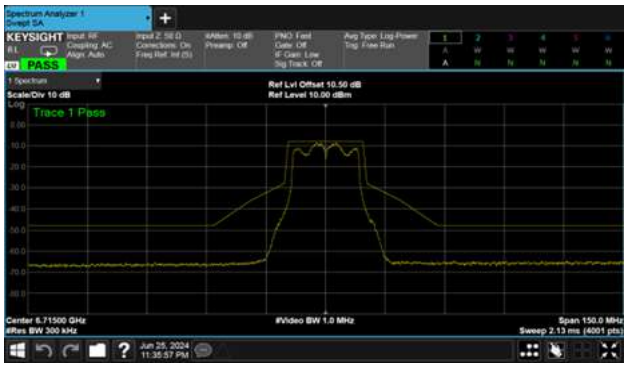


U-NII-7

Modulation Type: 802.11a CH117
ANT 5



Modulation Type: 802.11a CH153
ANT 5



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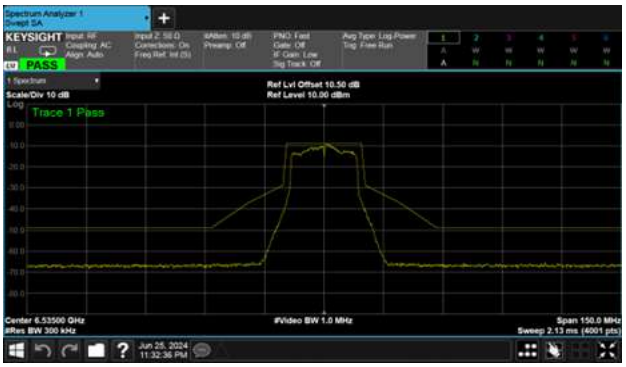
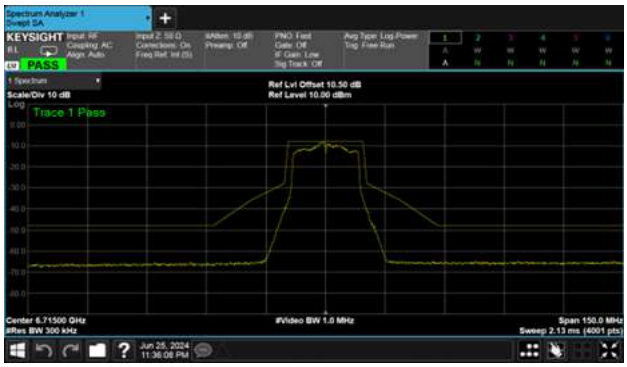
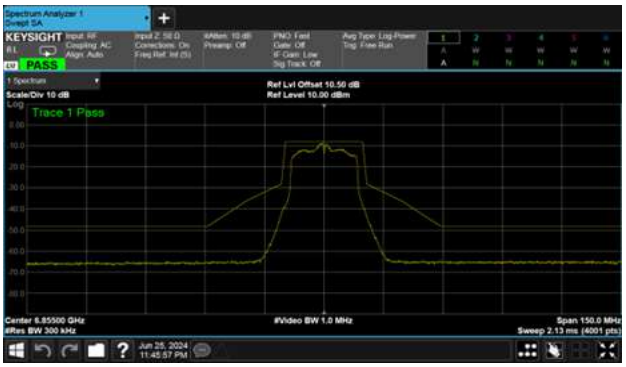


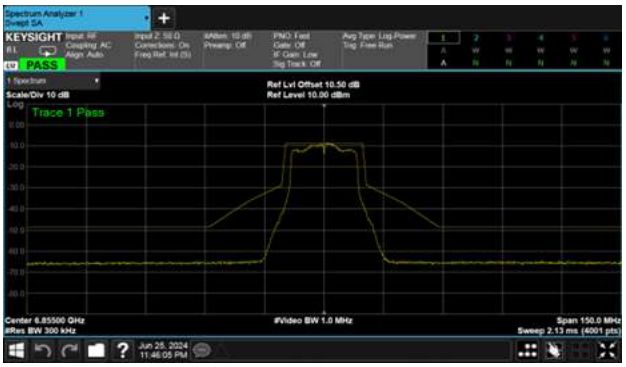
ANT 6



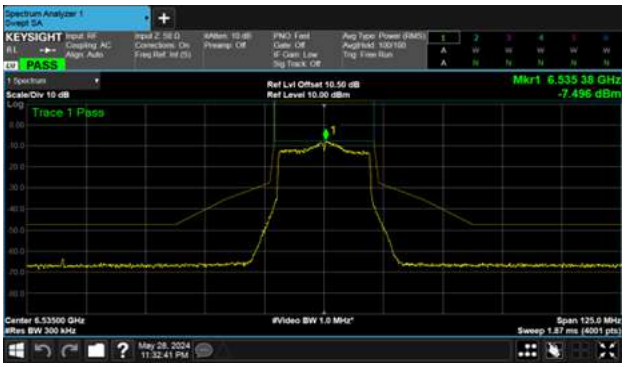
Modulation Type: 802.11a CH181
ANT 5



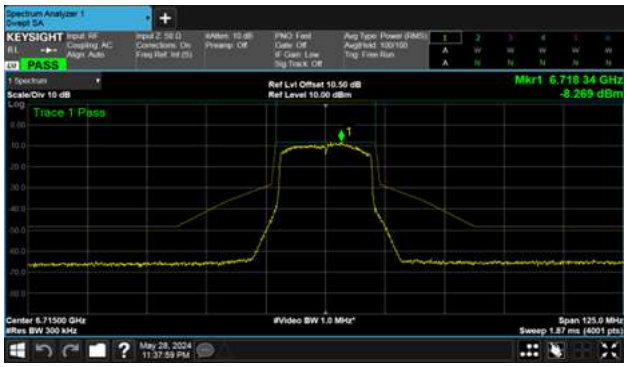
ANT 6



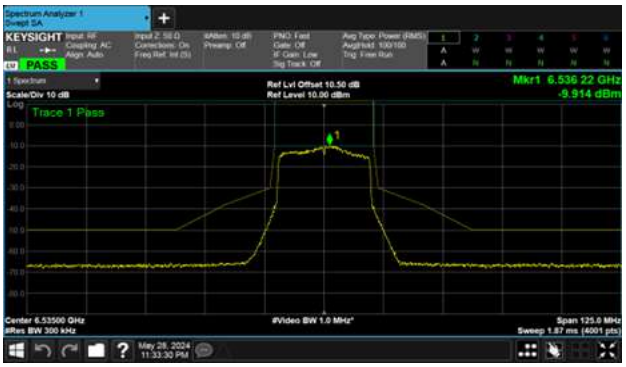
Modulation Type: 802.11ax HE20 CH117
ANT 5



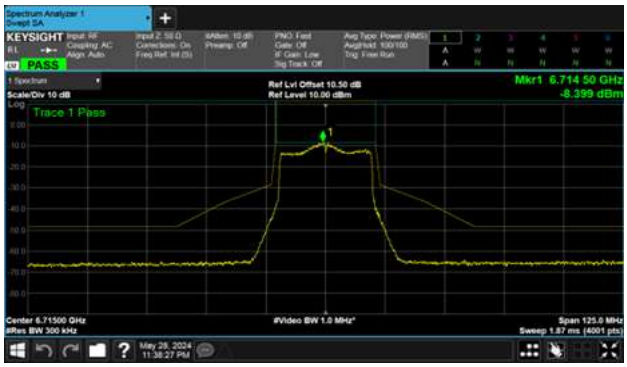
Modulation Type: 802.11ax HE20 CH153
ANT 5



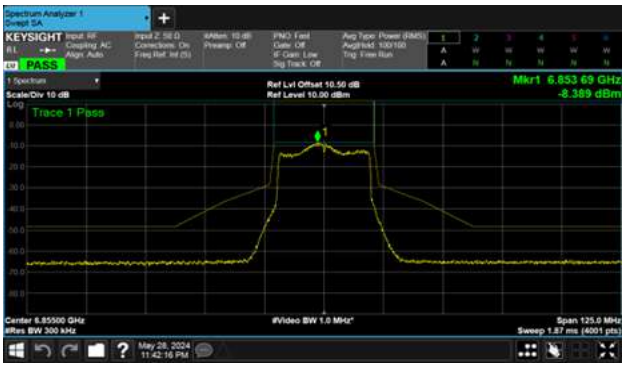
ANT 6



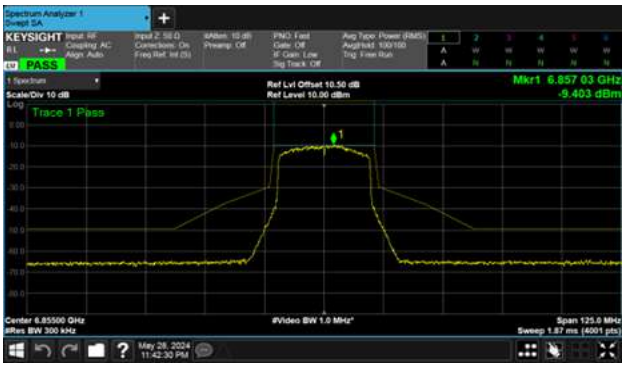
ANT 6



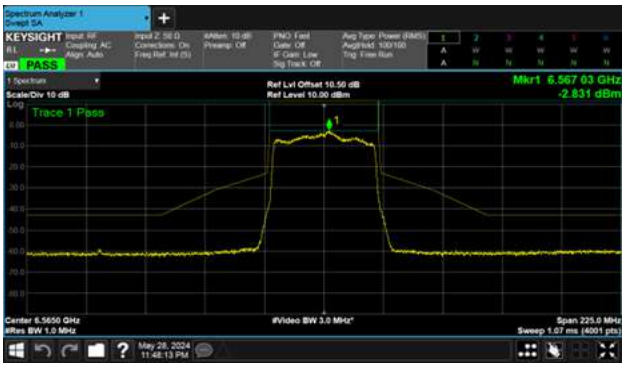
Modulation Type: 802.11ax HE20 CH181
ANT 5



ANT 6

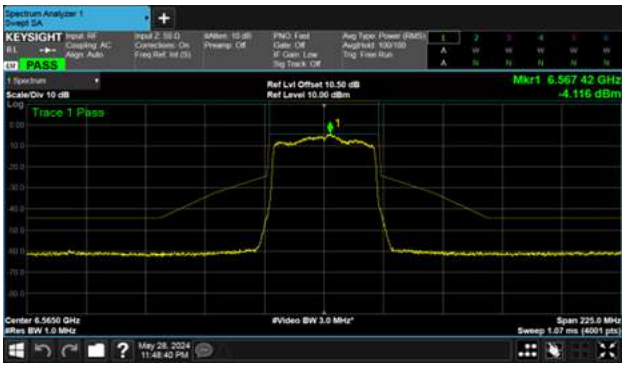


Modulation Type: 802.11ax HE40 CH123
ANT 5

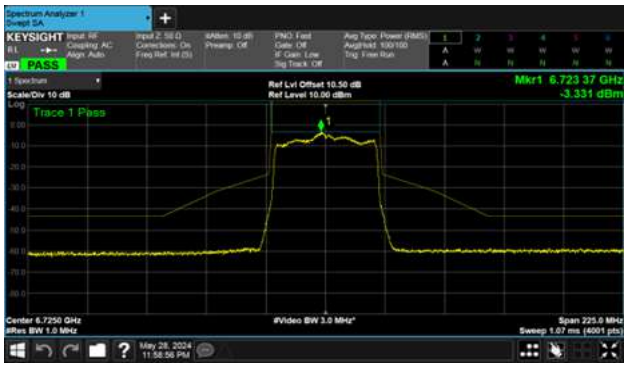


Modulation Type: 802.11ax HE40 CH155
ANT 5

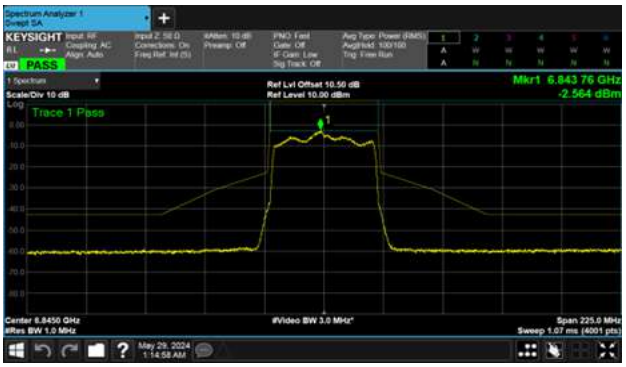
ANT 6



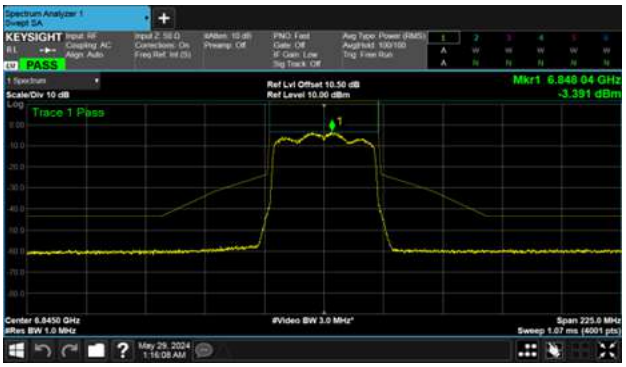
ANT 6



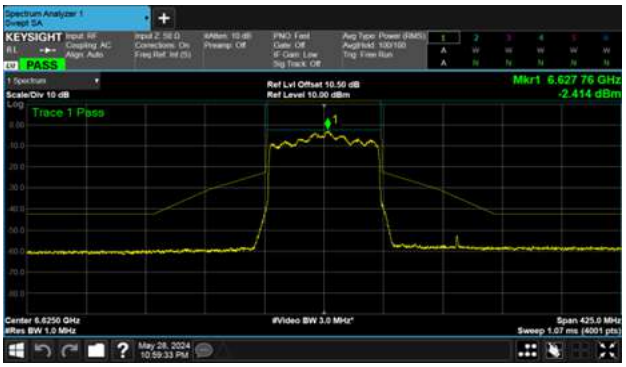
Modulation Type: 802.11ax HE40 CH179
ANT 5



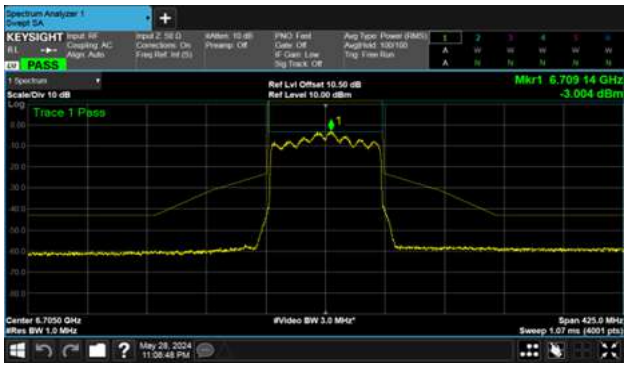
ANT 6



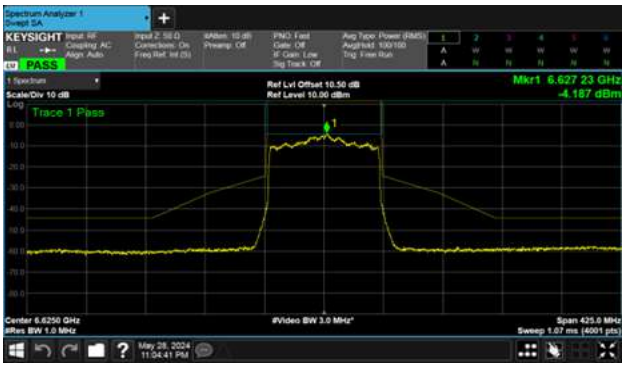
Modulation Type: 802.11ax HE80 CH135
ANT 5



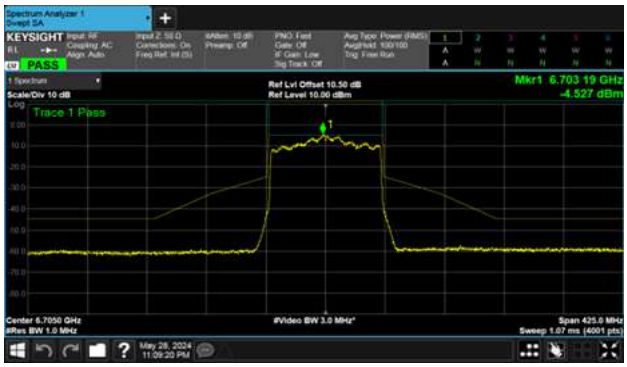
Modulation Type: 802.11ax HE80 CH151
ANT 5



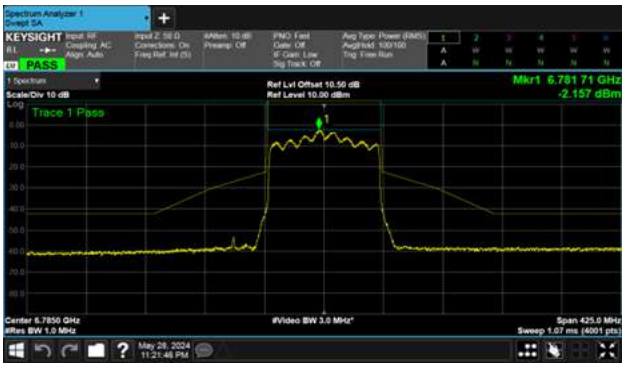
ANT 6



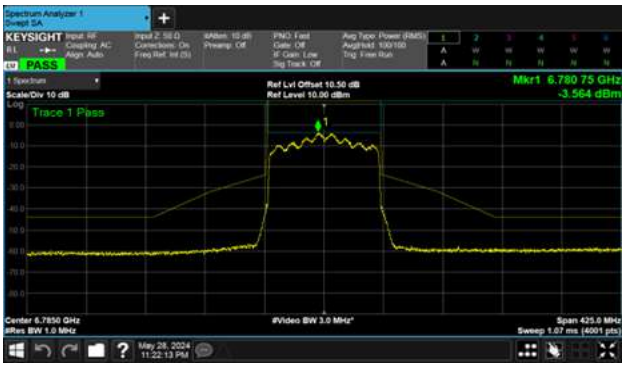
ANT 6



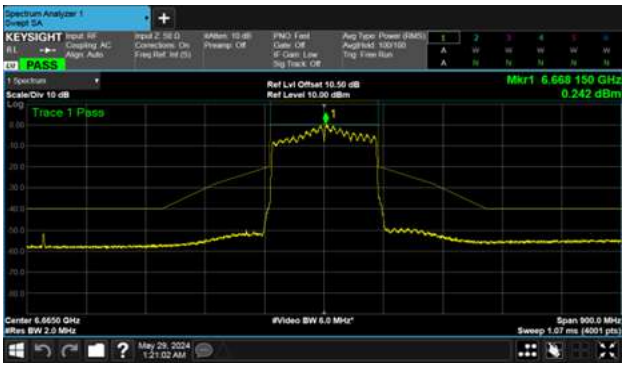
Modulation Type: 802.11ax HE80 CH167
ANT 5



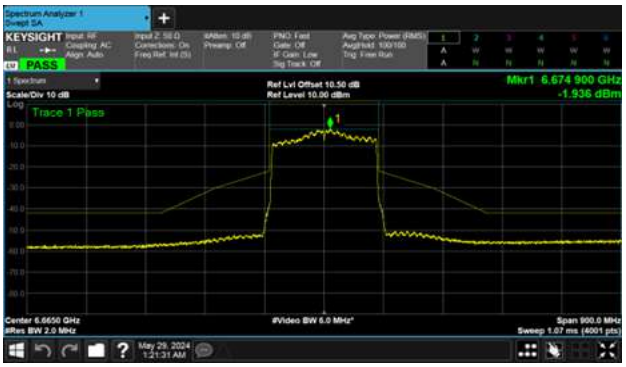
ANT 6



Modulation Type: 802.11ax HE160 CH143
ANT 5



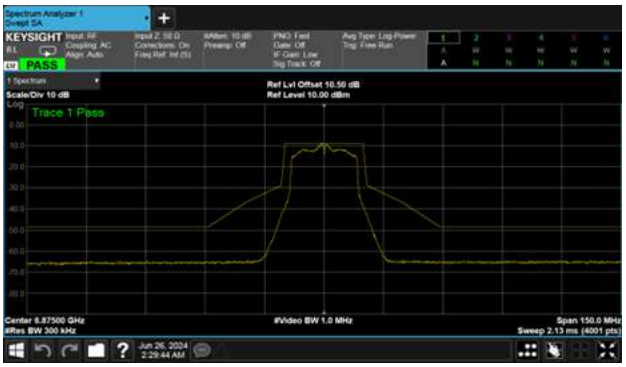
ANT 6



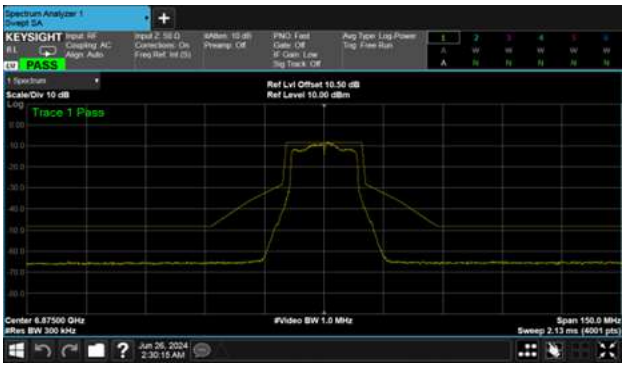
U-NII-7 + U-NII-8 across band

Modulation Type: 802.11a CH185

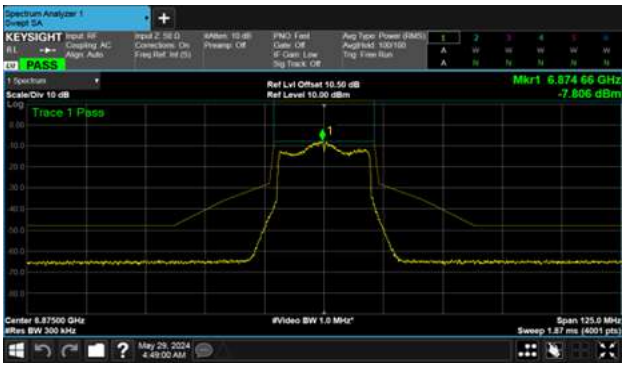
ANT 5



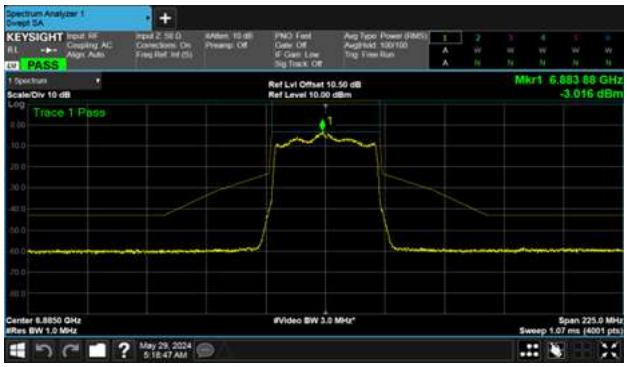
ANT 6



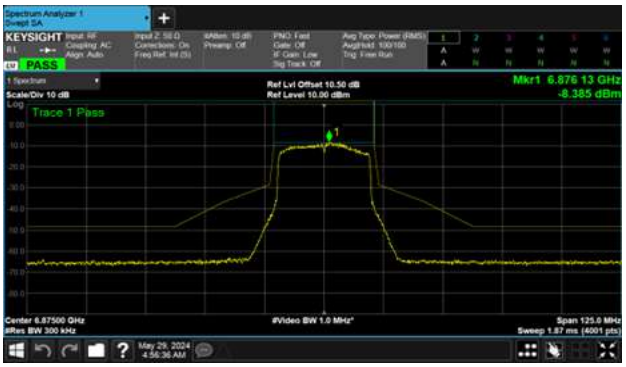
Modulation Type: 802.11ax HE20 CH185
ANT 5



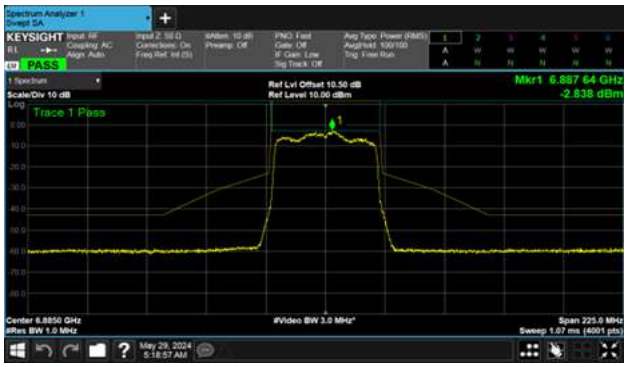
Modulation Type: 802.11ax HE40 CH187
ANT 5



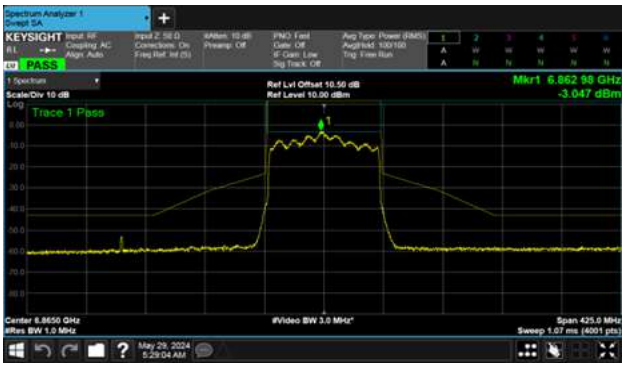
ANT 6



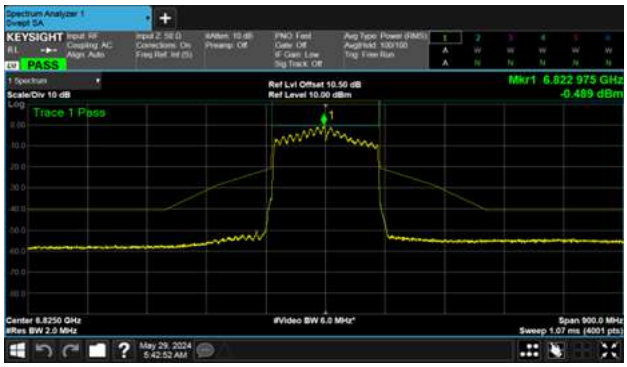
ANT 6



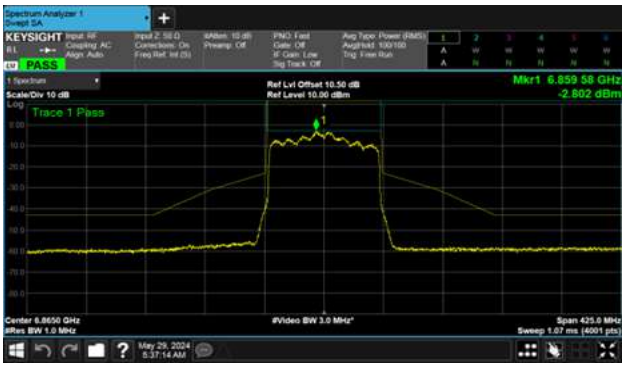
Modulation Type: 802.11ax HE80 CH183
ANT 5

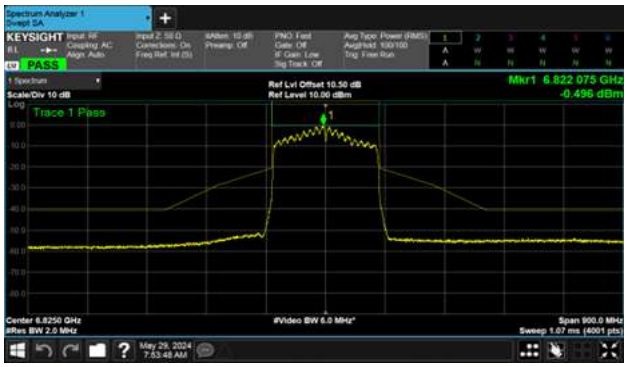


Modulation Type: 802.11ax HE160 CH175



ANT 6





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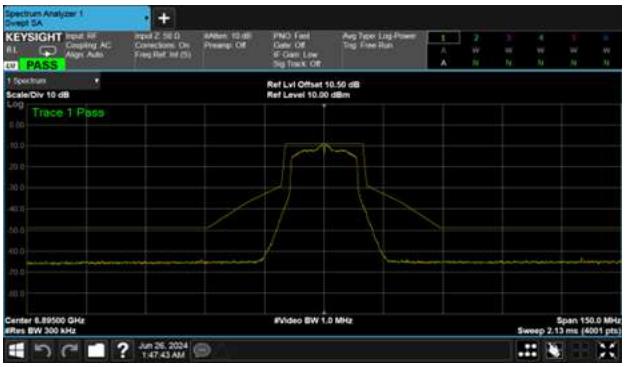
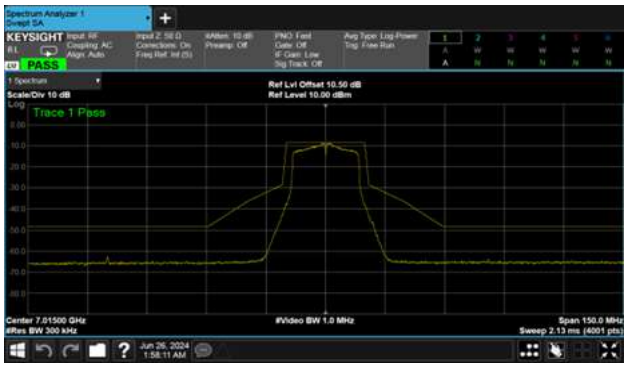
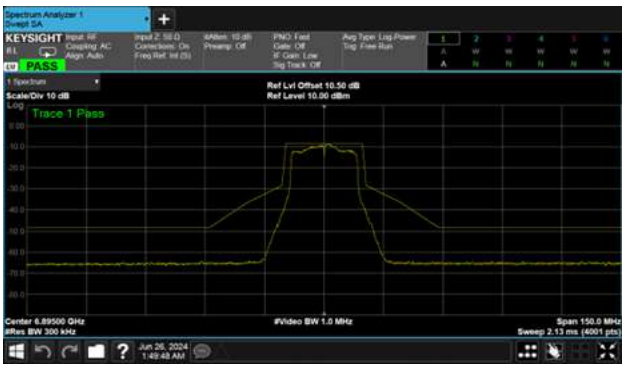
Modulation Type: 802.11a CH189
ANT 5



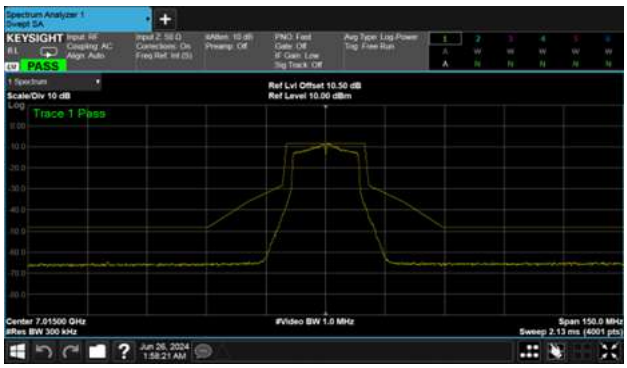
Modulation Type: 802.11a CH213
ANT 5



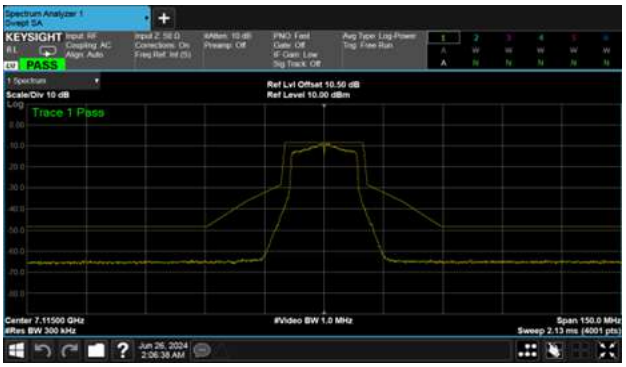
ANT 6



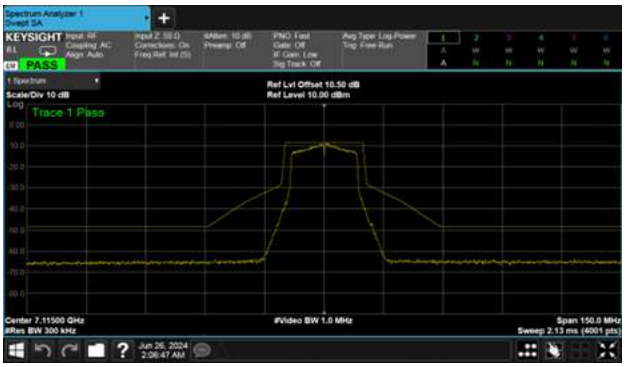
ANT 6



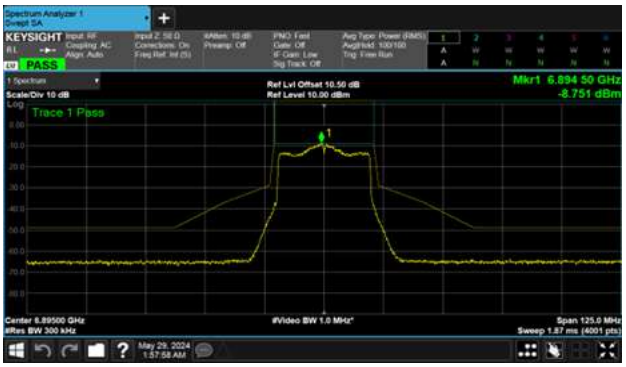
Modulation Type: 802.11a CH233
ANT 5



ANT 6

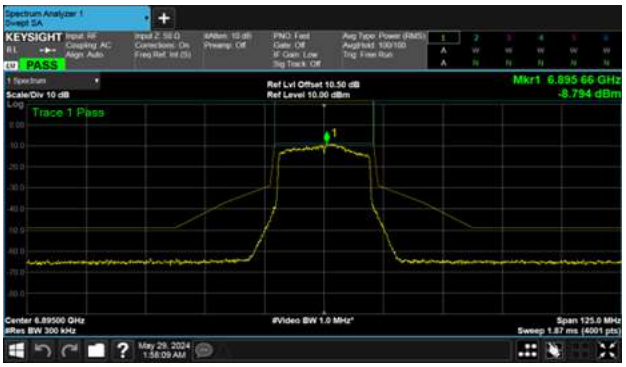


Modulation Type: 802.11ax HE20 CH189
ANT 5

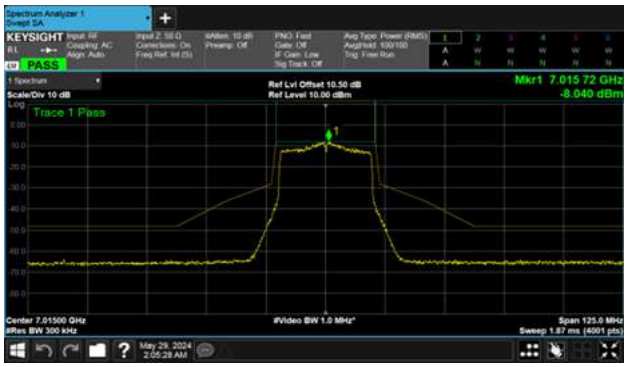


Modulation Type: 802.11ax HE20 CH213
ANT 5

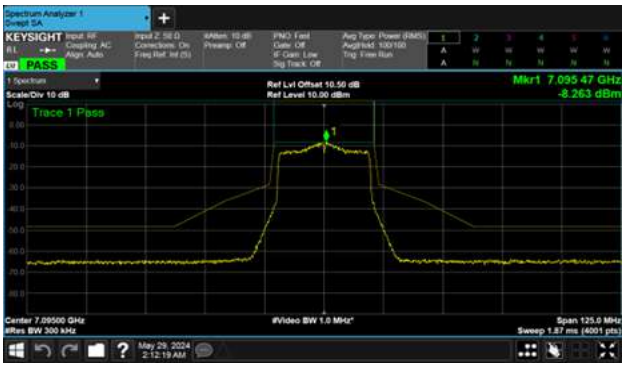
ANT 6



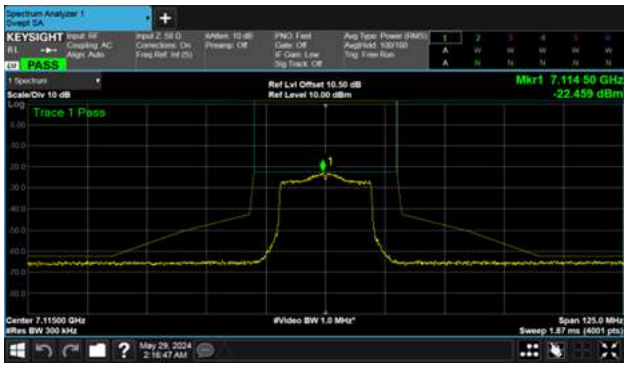
ANT 6



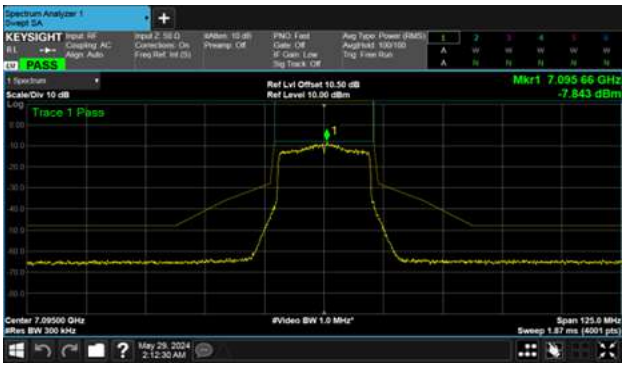
Modulation Type: 802.11ax HE20 CH229
ANT 5



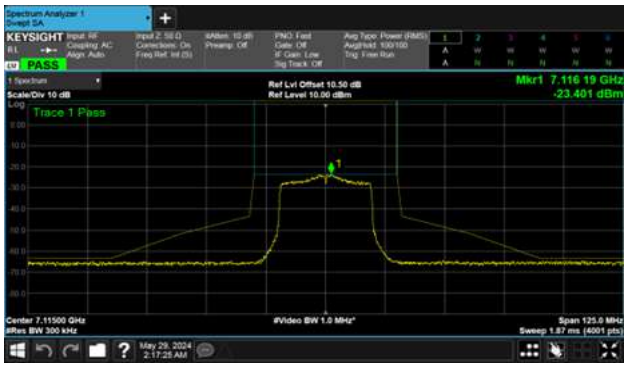
Modulation Type: 802.11ax HE20 CH233
ANT 5



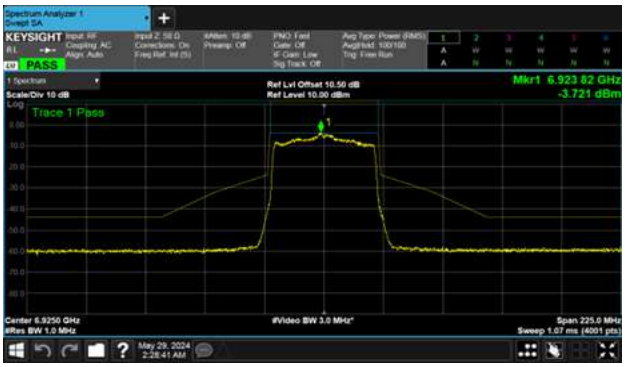
ANT 6



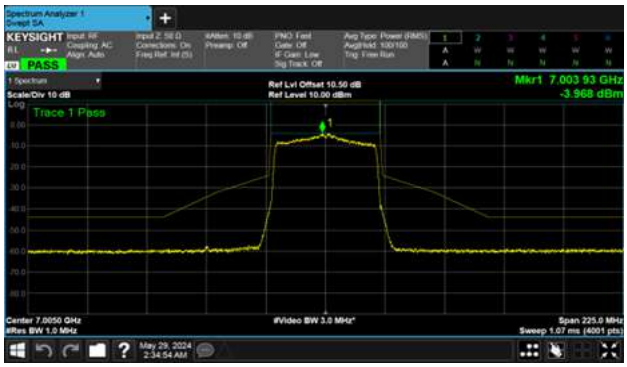
ANT 6



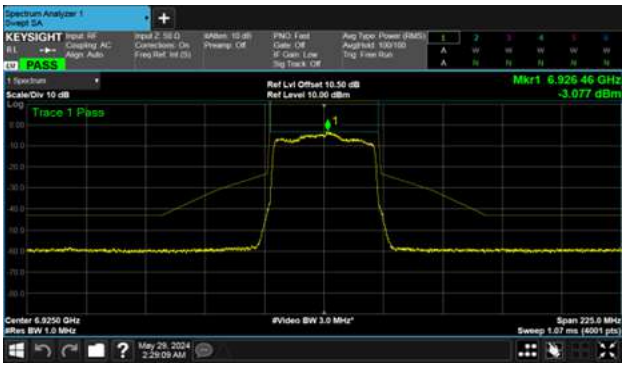
Modulation Type: 802.11ax HE40 CH195
ANT 5



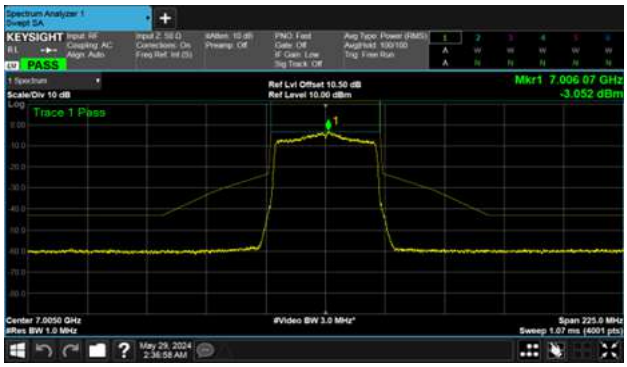
Modulation Type: 802.11ax HE40 CH211
ANT 5



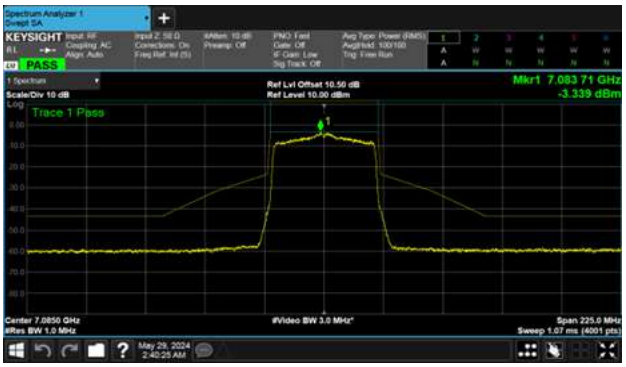
ANT 6



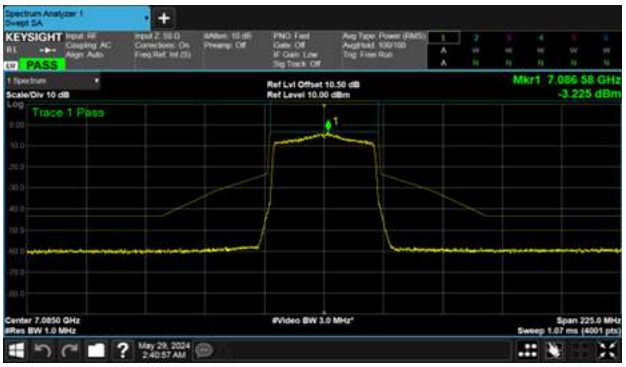
ANT 6



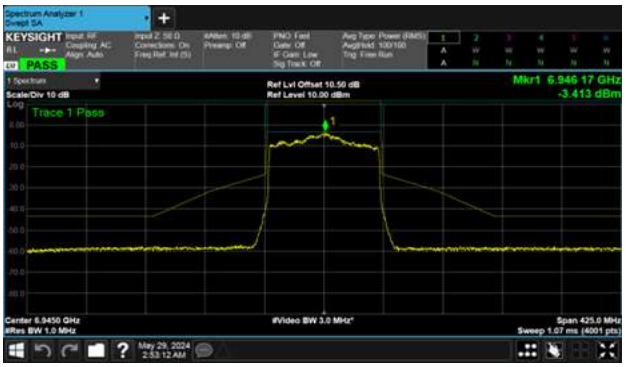
Modulation Type: 802.11ax HE40 CH227
ANT 5



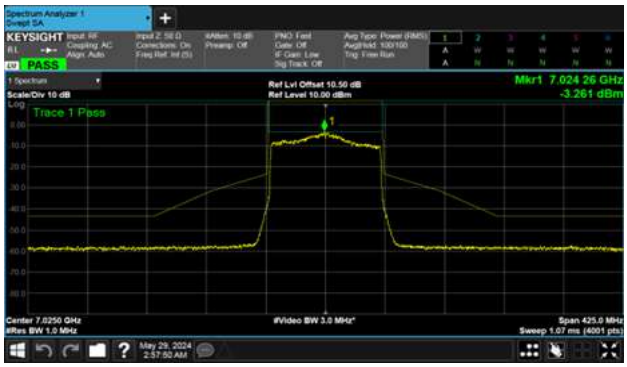
ANT 6



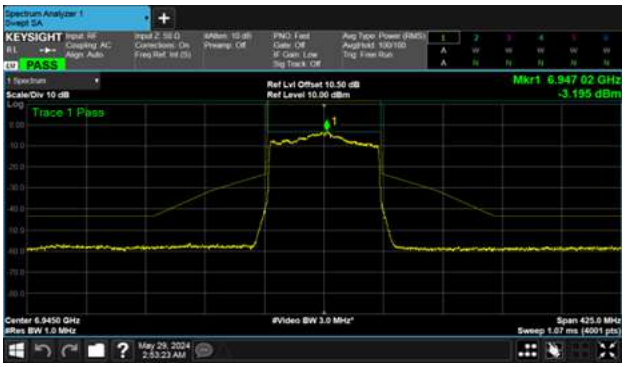
Modulation Type: 802.11ax HE80 CH199
ANT 5



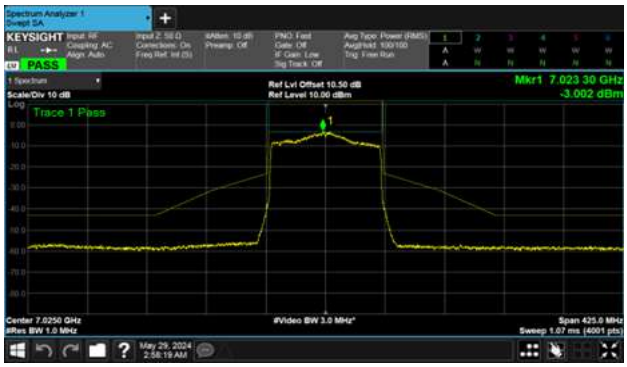
Modulation Type: 802.11ax HE80 CH215
ANT 5



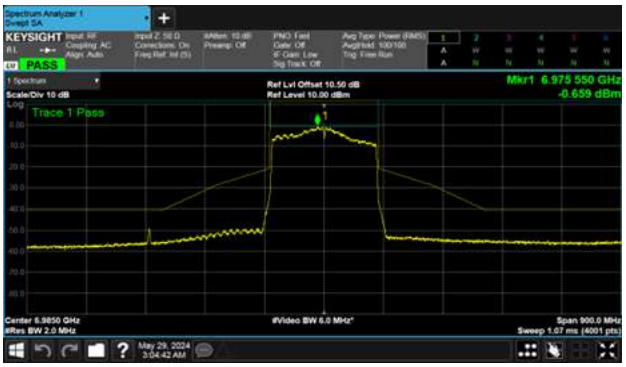
ANT 6



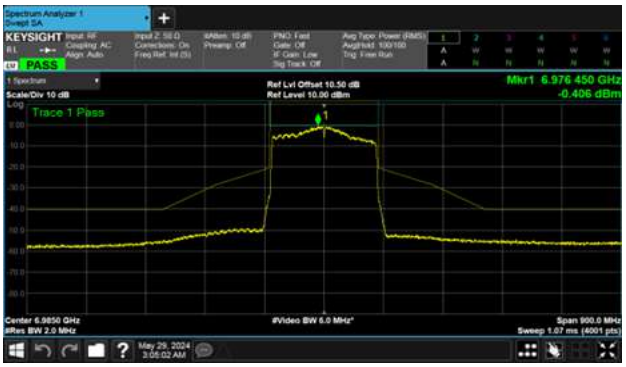
ANT 6



Modulation Type: 802.11ax HE160 CH207
ANT 5



ANT 6



6.8. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

**: Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

7. On Time, Duty Cycle

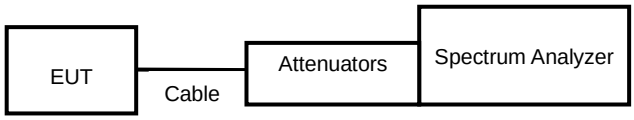
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



7.4. Test Result and Data

Non-Beamforming

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	1.98	1.99	99.40%
802.11ax HE20	5.47	5.48	99.85%
802.11ax HE40	5.47	5.47	99.93%
802.11ax HE80	5.46	5.47	99.93%
802.11ax HE160	5.46	5.47	99.93%

Beamforming

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11ax HE20	5.46	5.47	99.93%
802.11ax HE40	5.46	5.47	99.93%
802.11ax HE80	5.47	5.47	99.93%
802.11ax HE160	5.46	5.46	99.93%

Non-Beamforming

Modulation Type: 802.11a (6Mbps)

Modulation Type: 802.11ax HE80 (30.6Mbps)

Modulation Type: 802.11ax HE20 (7.3Mbps)

Modulation Type: 802.11ax HE160 (61.3Mbps)

Modulation Type: 802.11ax HE40 (14.6Mbps)

Beamforming

Modulation Type: 802.11ax HE20 (7.3Mbps)

Modulation Type: 802.11ax HE80 (30.6Mbps)

Modulation Type: 802.11ax HE40 (14.6Mbps)

Modulation Type: 802.11ax HE160 (61.3Mbps)

8. 26dB Bandwidth & 99% Occupied Bandwidth

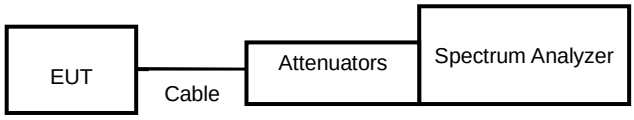
8.1. Test Limit

The 26dB Bandwidth shall not exceed 320 MHz.

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW >= 3 x RBW, peak detector and max hold.

8.3. Test Setup Layout



8.4. Test Result and Data (26dB Bandwidth)

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT 5	ANT 6	
11a	6 Mbps	1	5955	20.46	18.90	320.00
11a	6 Mbps	45	6175	19.62	18.95	320.00
11a	6 Mbps	93	6415	19.78	18.94	320.00
11ax HE20	NSS1-MCS0	1	5955	20.80	20.76	320.00
11ax HE20	NSS1-MCS0	45	6175	21.10	20.66	320.00
11ax HE20	NSS1-MCS0	93	6415	20.87	20.83	320.00
11ax HE40	NSS1-MCS0	3	5965	41.00	41.12	320.00
11ax HE40	NSS1-MCS0	43	6165	41.20	41.26	320.00
11ax HE40	NSS1-MCS0	91	6405	41.19	41.02	320.00
11ax HE80	NSS1-MCS0	7	5985	81.31	80.93	320.00
11ax HE80	NSS1-MCS0	39	6145	81.49	81.58	320.00
11ax HE80	NSS1-MCS0	87	6385	81.10	81.59	320.00
11ax HE160	NSS1-MCS0	15	6025	164.10	163.10	320.00
11ax HE160	NSS1-MCS0	47	6185	163.30	163.50	320.00
11ax HE160	NSS1-MCS0	79	6345	163.40	163.90	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT 5	ANT 6	
11a	6 Mbps	97	6435	19.48	18.77	320.00
11a	6 Mbps	105	6475	20.41	19.34	320.00
11a	6 Mbps	113	6515	19.46	18.88	320.00
11ax HE20	NSS1-MCS0	97	6435	21.04	20.76	320.00
11ax HE20	NSS1-MCS0	105	6475	21.38	21.05	320.00
11ax HE20	NSS1-MCS0	113	6515	20.83	20.57	320.00
11ax HE40	NSS1-MCS0	99	6445	41.16	41.08	320.00
11ax HE40	NSS1-MCS0	107	6485	41.25	41.32	320.00
11ax HE80	NSS1-MCS0	103	6465	81.14	81.09	320.00

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT 5	ANT 6	
11a	6 Mbps	117	6535	19.62	18.86	320.00
11a	6 Mbps	153	6715	18.83	18.84	320.00
11a	6 Mbps	181	6855	19.54	19.41	320.00
11ax HE20	NSS1-MCS0	117	6535	20.95	20.81	320.00
11ax HE20	NSS1-MCS0	153	6715	20.87	20.92	320.00
11ax HE20	NSS1-MCS0	181	6855	20.97	21.04	320.00
11ax HE40	NSS1-MCS0	123	6565	41.17	41.26	320.00
11ax HE40	NSS1-MCS0	155	6725	40.86	41.02	320.00
11ax HE40	NSS1-MCS0	179	6845	41.05	41.13	320.00
11ax HE80	NSS1-MCS0	135	6625	81.49	81.73	320.00
11ax HE80	NSS1-MCS0	151	6705	81.51	81.46	320.00
11ax HE80	NSS1-MCS0	167	6785	80.98	81.01	320.00
11ax HE160	NSS1-MCS0	143	6665	163.70	165.10	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT 5	ANT 6	
11a	6 Mbps	189	6895	19.59	19.31	320.00
11a	6 Mbps	213	7015	19.79	19.73	320.00
11a	6 Mbps	229	7095	20.48	19.68	320.00
11a	6 Mbps	233	7115	19.78	19.60	320.00
11ax HE20	NSS1-MCS0	189	6895	20.95	20.79	320.00
11ax HE20	NSS1-MCS0	213	7015	21.08	20.80	320.00
11ax HE20	NSS1-MCS0	229	7095	21.00	20.83	320.00
11ax HE20	NSS1-MCS0	233	7115	30.00	30.00	320.00
11ax HE40	NSS1-MCS0	195	6925	41.00	41.09	320.00
11ax HE40	NSS1-MCS0	211	7005	41.18	41.22	320.00
11ax HE40	NSS1-MCS0	227	7085	40.82	40.96	320.00
11ax HE80	NSS1-MCS0	199	6945	81.45	80.93	320.00
11ax HE80	NSS1-MCS0	215	7025	81.56	81.14	320.00
11ax HE160	NSS1-MCS0	207	6985	164.30	164.20	320.00

Straddle band

26dB Bandwidth (Within 6425-6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11ax HE40	NSS1-MCS0	6525	20.49	20.57	320.00
11ax HE80	NSS1-MCS0	6545	21.65	21.47	320.00
11ax HE160	NSS1-MCS0	6505	100.00	100.00	320.00

26dB Bandwidth (Extends across 6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11ax HE40	NSS1-MCS0	6525	20.86	20.81	320.00
11ax HE80	NSS1-MCS0	6545	60.84	60.91	320.00
11ax HE160	NSS1-MCS0	6505	62.38	63.35	320.00

26dB Bandwidth (Within 6525-6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11a	6 Mbps	6875	10.29	10.23	320.00
11ax HE20	NSS1-MCS0	6875	10.56	10.62	320.00
11ax HE40	NSS1-MCS0	6885	11.11	10.98	320.00
11ax HE80	NSS1-MCS0	6865	50.71	50.79	320.00
11ax HE160	NSS1-MCS0	6825	131.70	131.80	320.00

26dB Bandwidth (Extends across 6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11a	6 Mbps	6875	9.49	9.48	320.00
11ax HE20	NSS1-MCS0	6875	10.71	10.25	320.00
11ax HE40	NSS1-MCS0	6885	30.49	30.40	320.00
11ax HE80	NSS1-MCS0	6865	30.87	31.04	320.00
11ax HE160	NSS1-MCS0	6825	33.85	32.50	320.00

8.5. Test Result and Data (99% Occupied Bandwidth)

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT 5	ANT 6
11a	6 Mbps	1	5955	16.31	16.31
11a	6 Mbps	45	6175	16.30	16.31
11a	6 Mbps	93	6415	16.28	16.33
11ax HE20	NSS1-MCS0	1	5955	18.85	18.84
11ax HE20	NSS1-MCS0	45	6175	18.84	18.83
11ax HE20	NSS1-MCS0	93	6415	18.88	18.79
11ax HE40	NSS1-MCS0	3	5965	37.67	37.69
11ax HE40	NSS1-MCS0	43	6165	37.67	37.68
11ax HE40	NSS1-MCS0	91	6405	37.74	37.64
11ax HE80	NSS1-MCS0	7	5985	76.66	76.44
11ax HE80	NSS1-MCS0	39	6145	76.63	76.66
11ax HE80	NSS1-MCS0	87	6385	76.66	76.51
11ax HE160	NSS1-MCS0	15	6025	154.98	153.71
11ax HE160	NSS1-MCS0	47	6185	154.36	154.57
11ax HE160	NSS1-MCS0	79	6345	154.78	154.60

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT 5	ANT 6
11a	6 Mbps	97	6435	16.25	16.33
11a	6 Mbps	105	6475	16.26	16.30
11a	6 Mbps	113	6515	16.26	16.32
11ax HE20	NSS1-MCS0	97	6435	18.89	18.79
11ax HE20	NSS1-MCS0	105	6475	18.90	18.79
11ax HE20	NSS1-MCS0	113	6515	18.91	18.81
11ax HE40	NSS1-MCS0	99	6445	37.79	37.59
11ax HE40	NSS1-MCS0	107	6485	37.79	37.63
11ax HE80	NSS1-MCS0	103	6465	76.81	76.44

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT 5	ANT 6
11a	6 Mbps	117	6535	16.26	16.30
11a	6 Mbps	153	6715	16.41	16.30
11a	6 Mbps	181	6855	16.22	16.33
11ax HE20	NSS1-MCS0	117	6535	18.87	18.83
11ax HE20	NSS1-MCS0	153	6715	18.72	18.90
11ax HE20	NSS1-MCS0	181	6855	18.88	18.74
11ax HE40	NSS1-MCS0	123	6565	37.72	37.78
11ax HE40	NSS1-MCS0	155	6725	37.53	37.83
11ax HE40	NSS1-MCS0	179	6845	37.76	37.51
11ax HE80	NSS1-MCS0	135	6625	76.68	76.91
11ax HE80	NSS1-MCS0	151	6705	76.64	76.93
11ax HE80	NSS1-MCS0	167	6785	76.47	76.10
11ax HE160	NSS1-MCS0	143	6665	155.17	155.57

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT 5	ANT 6
11a	6 Mbps	189	6895	16.23	16.31
11a	6 Mbps	213	7015	16.31	16.31
11a	6 Mbps	229	7095	16.30	16.30
11a	6 Mbps	233	7115	16.29	16.30
11ax HE20	NSS1-MCS0	189	6895	18.92	18.81
11ax HE20	NSS1-MCS0	213	7015	18.88	18.85
11ax HE20	NSS1-MCS0	229	7095	18.89	18.86
11ax HE20	NSS1-MCS0	233	7115	19.20	19.30
11ax HE40	NSS1-MCS0	195	6925	37.84	37.71
11ax HE40	NSS1-MCS0	211	7005	37.81	37.72
11ax HE40	NSS1-MCS0	227	7085	37.74	37.74
11ax HE80	NSS1-MCS0	199	6945	76.79	76.84
11ax HE80	NSS1-MCS0	215	7025	76.82	76.76
11ax HE160	NSS1-MCS0	207	6985	154.98	154.93

Straddle band

99% Bandwidth (Within 6425-6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11ax HE40	NSS1-MCS0	6525	19.08	19.08	320.00
11ax HE80	NSS1-MCS0	6545	19.32	19.26	320.00
11ax HE160	NSS1-MCS0	6505	97.71	97.45	320.00

99% Bandwidth (Extends across 6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11ax HE40	NSS1-MCS0	6525	19.16	19.07	320.00
11ax HE80	NSS1-MCS0	6545	58.01	58.22	320.00
11ax HE160	NSS1-MCS0	6505	58.64	58.54	320.00

99% Bandwidth (Within 6525-6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11a	6 Mbps	6875	8.26	8.25	320.00
11ax HE20	NSS1-MCS0	6875	9.50	9.48	320.00
11ax HE40	NSS1-MCS0	6885	9.44	9.36	320.00
11ax HE80	NSS1-MCS0	6865	48.19	48.29	320.00
11ax HE160	NSS1-MCS0	6825	126.20	125.18	320.00

99% Bandwidth (Extends across 6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT 5	ANT 6	
11a	6 Mbps	6875	8.27	8.30	320.00
11ax HE20	NSS1-MCS0	6875	9.57	9.43	320.00
11ax HE40	NSS1-MCS0	6885	28.91	28.76	320.00
11ax HE80	NSS1-MCS0	6865	29.08	28.85	320.00
11ax HE160	NSS1-MCS0	6825	29.71	29.24	320.00

26dB Bandwidth U-NII-5
Modulation Type: 802.11a CH01
ANT 5

Modulation Type: 802.11a CH45
ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11a CH93
ANT 5

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH01
ANT 5

Modulation Type: 802.11ax HE20 CH45
ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH93
ANT 5

ANT 6

26dB Bandwidth U-NII-5

Modulation Type: 802.11ax HE40 CH03

ANT 5

Modulation Type: 802.11ax HE40 CH43

ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE40 CH91
ANT 5

ANT 6

26dB Bandwidth U-NII-5

Modulation Type: 802.11ax HE80 CH07

ANT 5

Modulation Type: 802.11ax HE80 CH39

ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE80 CH87
ANT 5

ANT 6

26dB Bandwidth U-NII-5

Modulation Type: 802.11ax HE160 CH15

ANT 5

Modulation Type: 802.11ax HE160 CH47

ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE160 CH79
ANT 5

ANT 6

26dB Bandwidth U-NII-6

Modulation Type: 802.11a CH97

ANT 5

Modulation Type: 802.11a CH105

ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-6
Modulation Type: 802.11a CH113
ANT 5

ANT 6

26dB Bandwidth U-NII-6
Modulation Type: 802.11ax HE20 CH97
ANT 5

Modulation Type: 802.11ax HE20 CH105
ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-6
Modulation Type: 802.11ax HE20 CH113
ANT 5

ANT 6

26dB Bandwidth U-NII-6

Modulation Type: 802.11ax HE40 CH99

ANT 5

Modulation Type: 802.11ax HE40 CH107

ANT 5

ANT 6

ANT 6

26dB Bandwidth U-NII-6
Modulation Type: 802.11ax HE80 CH103
ANT 5

ANT 6

26dB Bandwidth Within 6425-6525MHz band

Modulation Type: 802.11ax HE40 CH115

ANT 5

Modulation Type: 802.11ax HE80 CH119

ANT 5

ANT 6

ANT 6