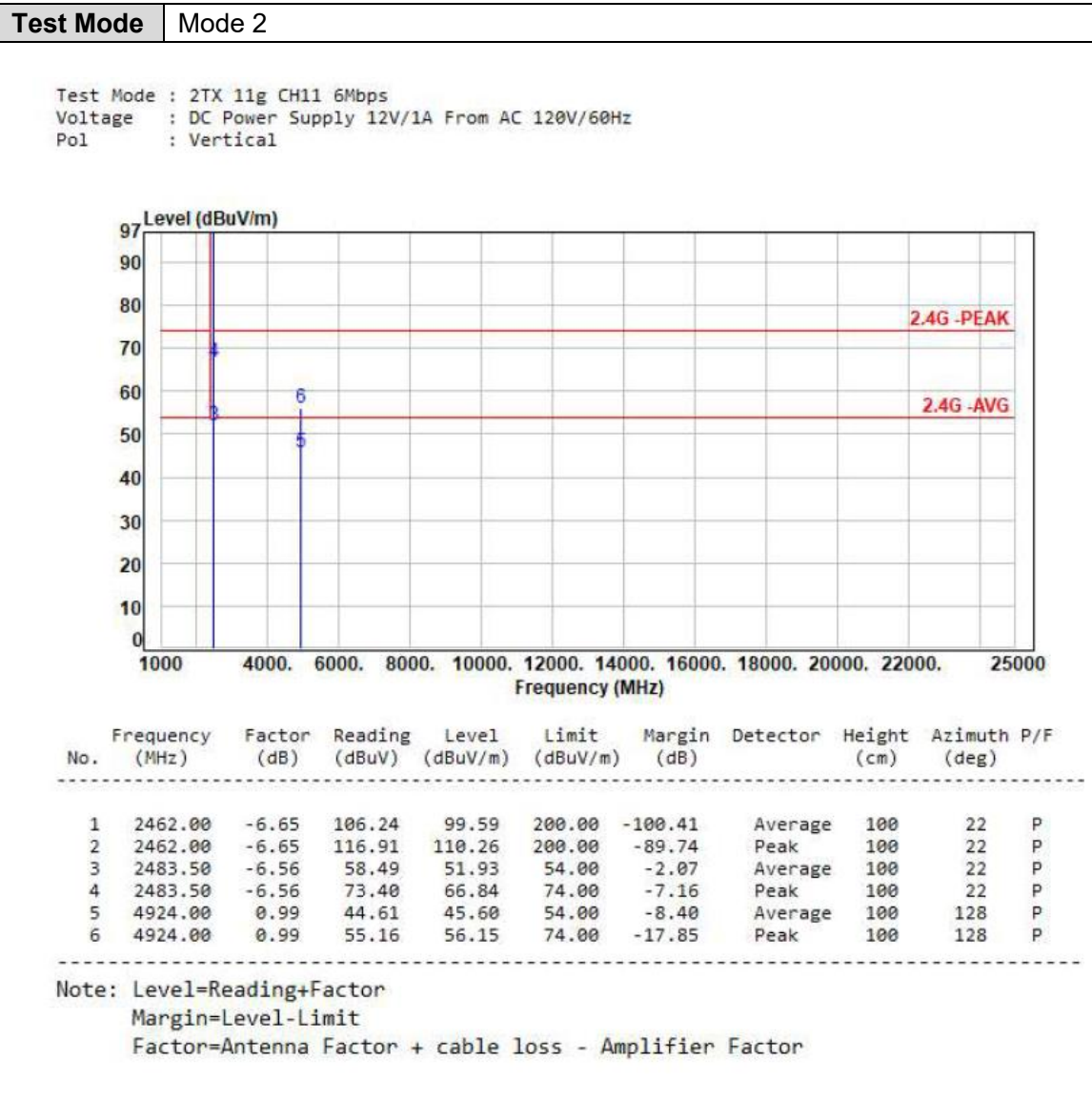
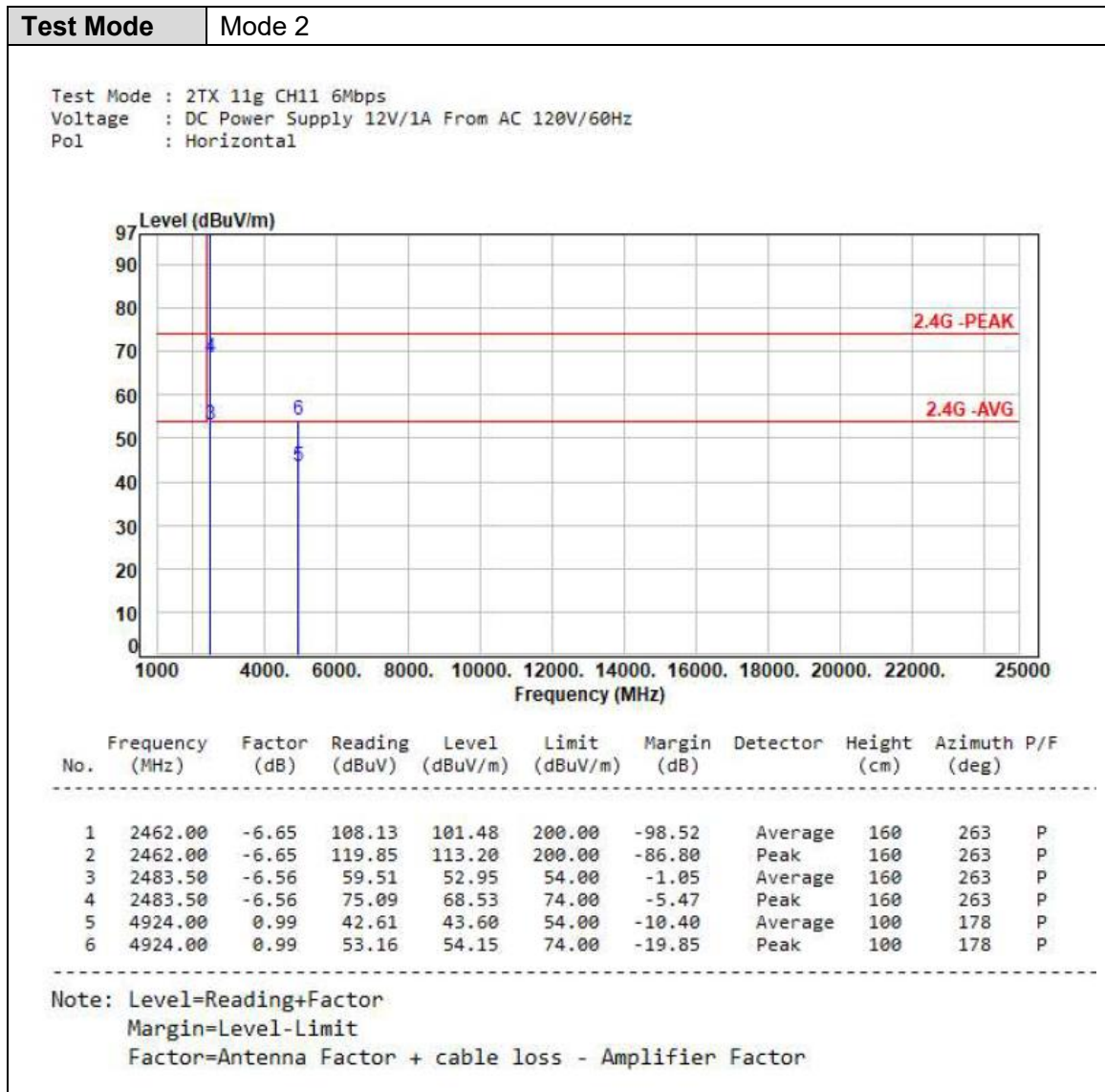
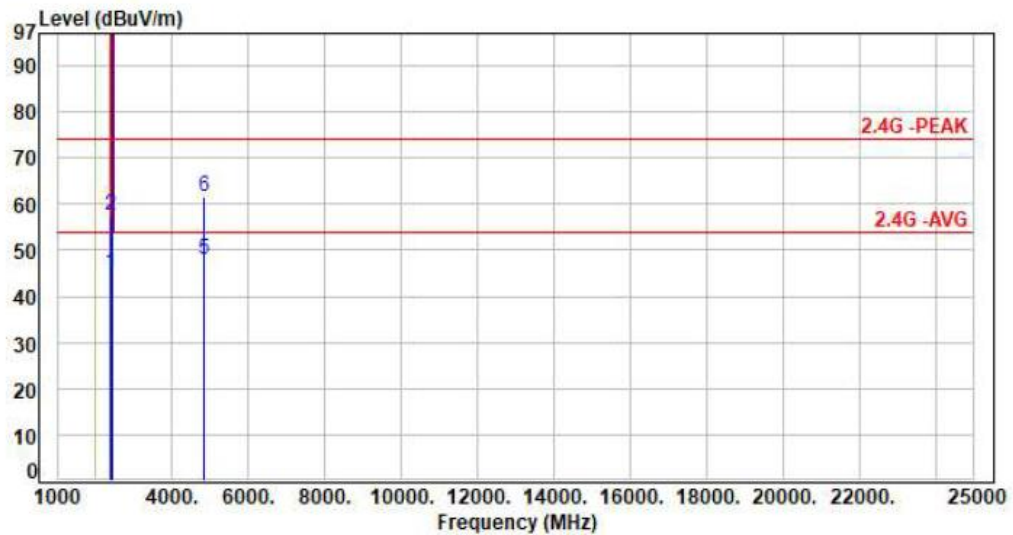






**Test Mode** Mode 2

Test Mode : 2TX 11n20 CH01 MCS0
Voltage : DC Power Supply 12V/1A From AC 120V/60Hz
Pol : Vertical

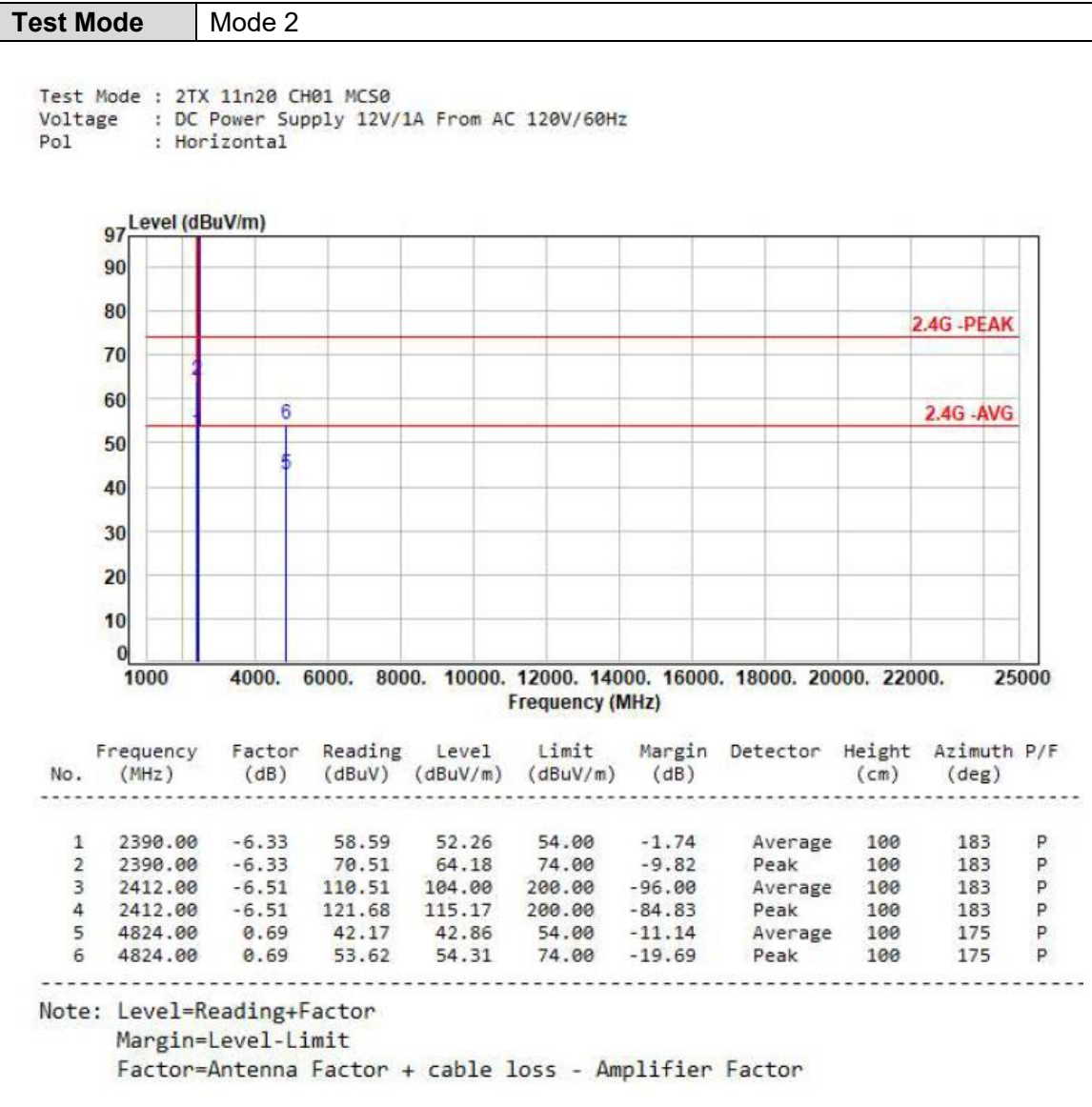


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-6.33	51.49	45.16	54.00	-8.84	Average	100	350	P
2	2390.00	-6.33	63.72	57.39	74.00	-16.61	Peak	100	350	P
3	2412.00	-6.51	104.81	98.30	200.00	-101.70	Average	100	350	P
4	2412.00	-6.51	114.63	108.12	200.00	-91.88	Peak	100	350	P
5	4824.00	0.69	47.43	48.12	54.00	-5.88	Average	100	129	P
6	4824.00	0.69	61.03	61.72	74.00	-12.28	Peak	100	129	P

Note: Level=Reading+Factor

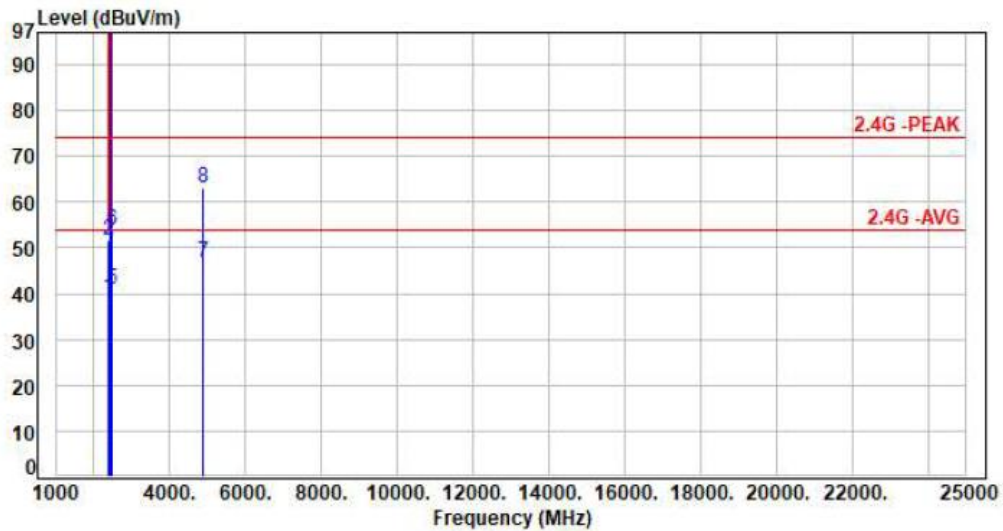
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



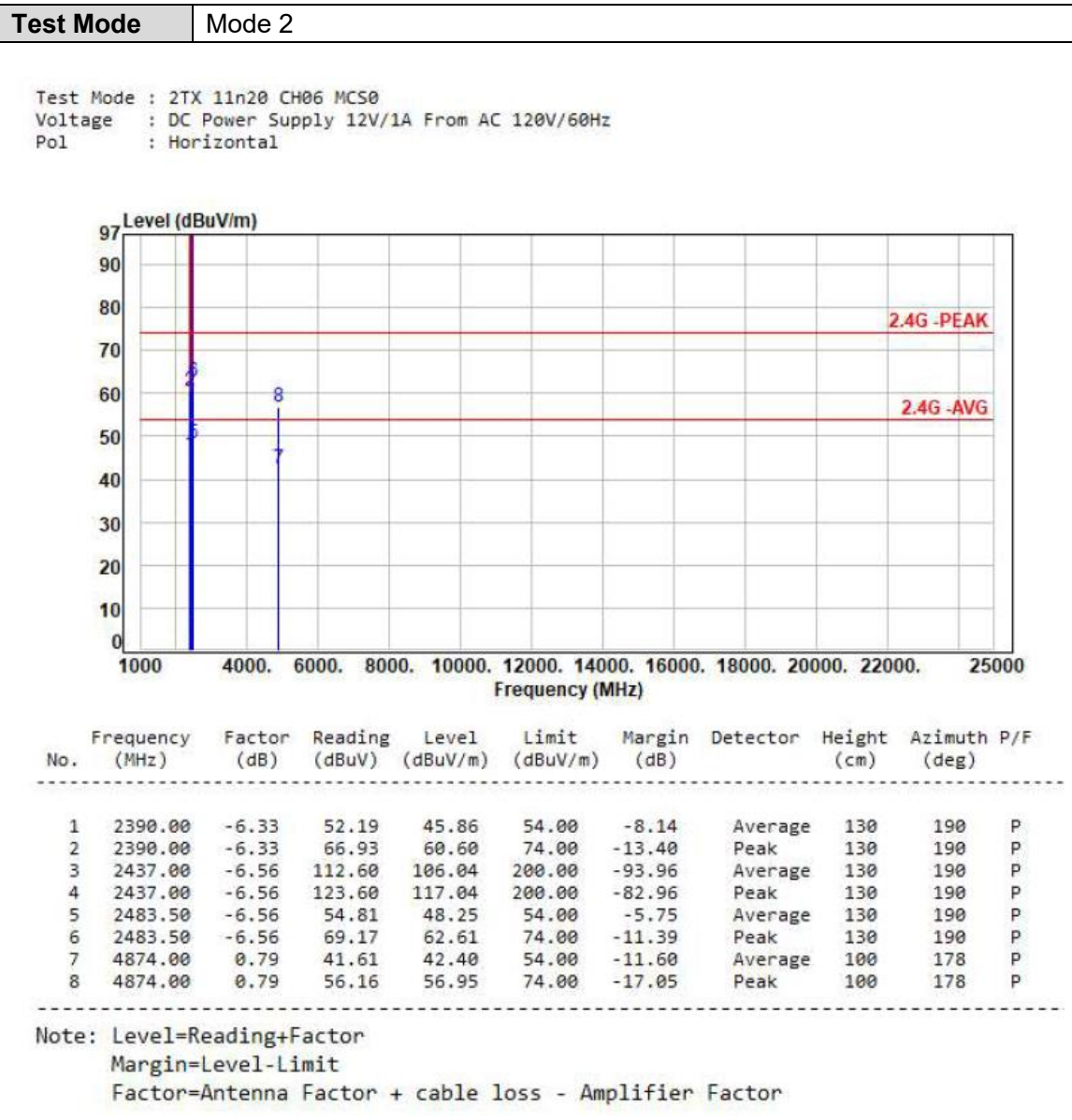
**Test Mode** Mode 2

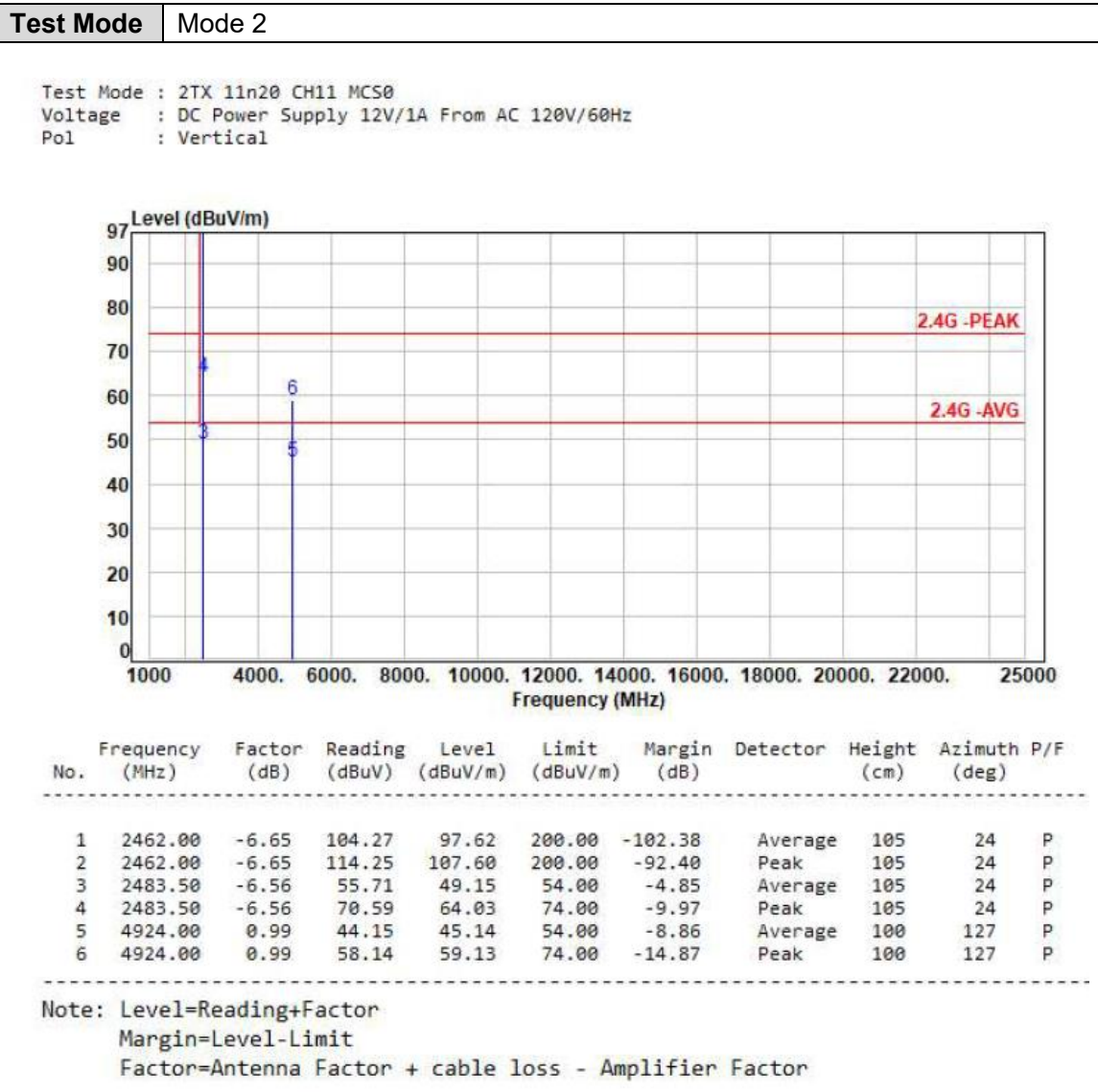
Test Mode : 2TX 11n20 CH06 MCS0
Voltage : DC Power Supply 12V/1A From AC 120V/60Hz
Pol : Vertical

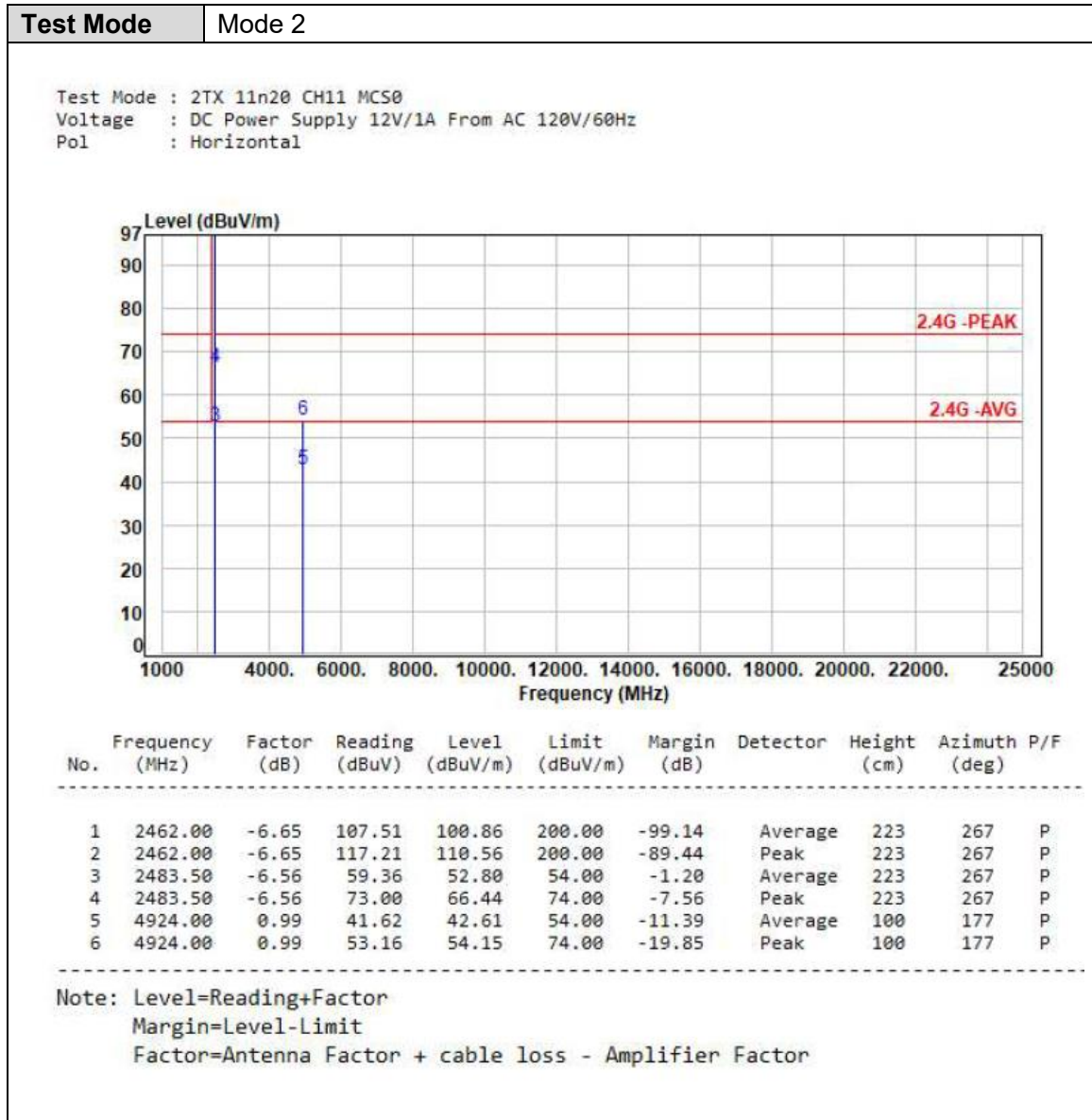


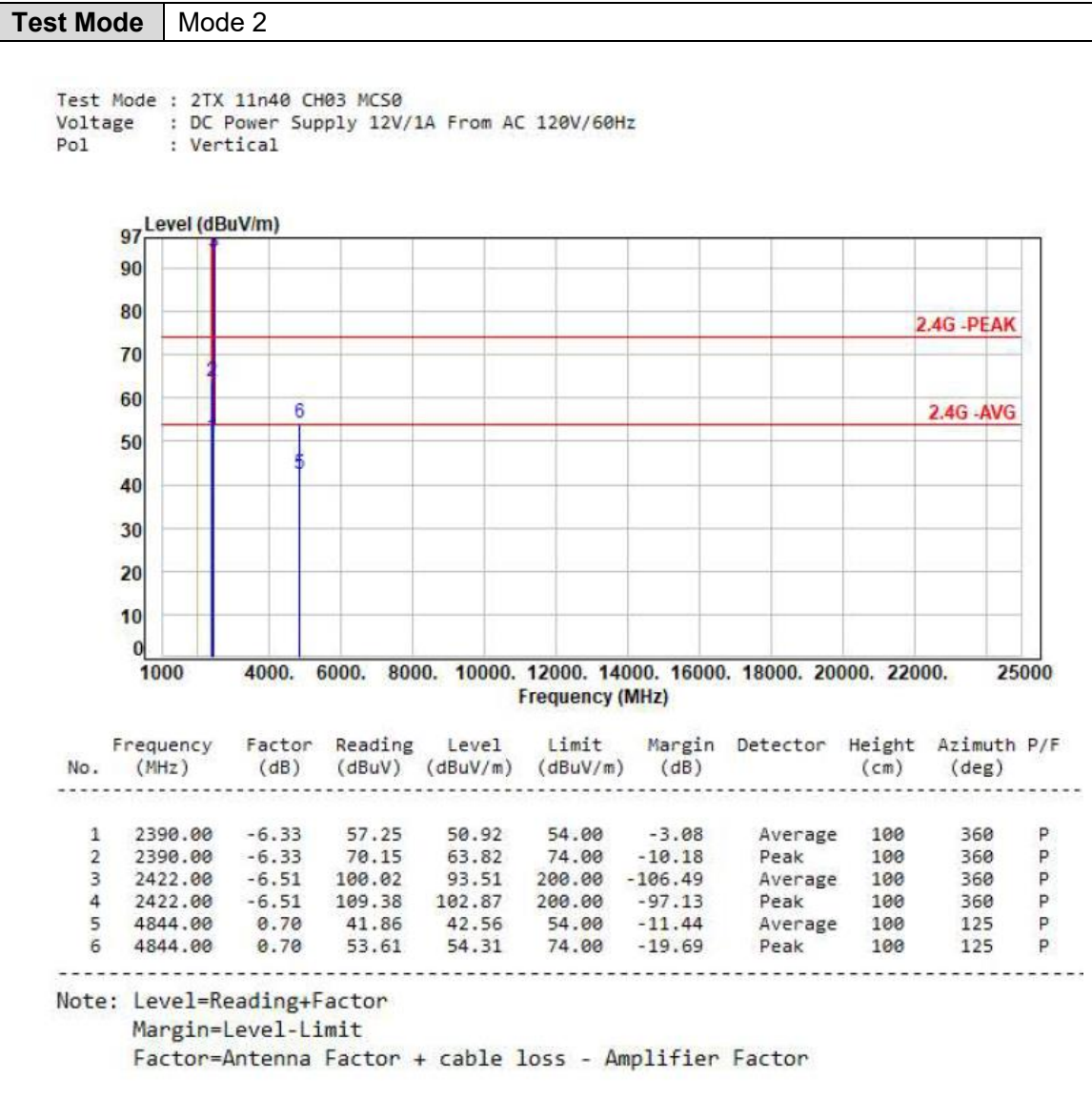
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-6.33	45.53	39.20	54.00	-14.80	Average	100	360	P
2	2390.00	-6.33	57.88	51.55	74.00	-22.45	Peak	100	360	P
3	2437.00	-6.56	106.81	100.25	200.00	-99.75	Average	100	360	P
4	2437.00	-6.56	116.22	109.66	200.00	-90.34	Peak	100	360	P
5	2483.50	-6.56	47.66	41.10	54.00	-12.90	Average	100	360	P
6	2483.50	-6.56	60.59	54.03	74.00	-19.97	Peak	100	360	P
7	4874.00	0.79	46.15	46.94	54.00	-7.06	Average	100	129	P
8	4874.00	0.79	62.16	62.95	74.00	-11.05	Peak	100	129	P

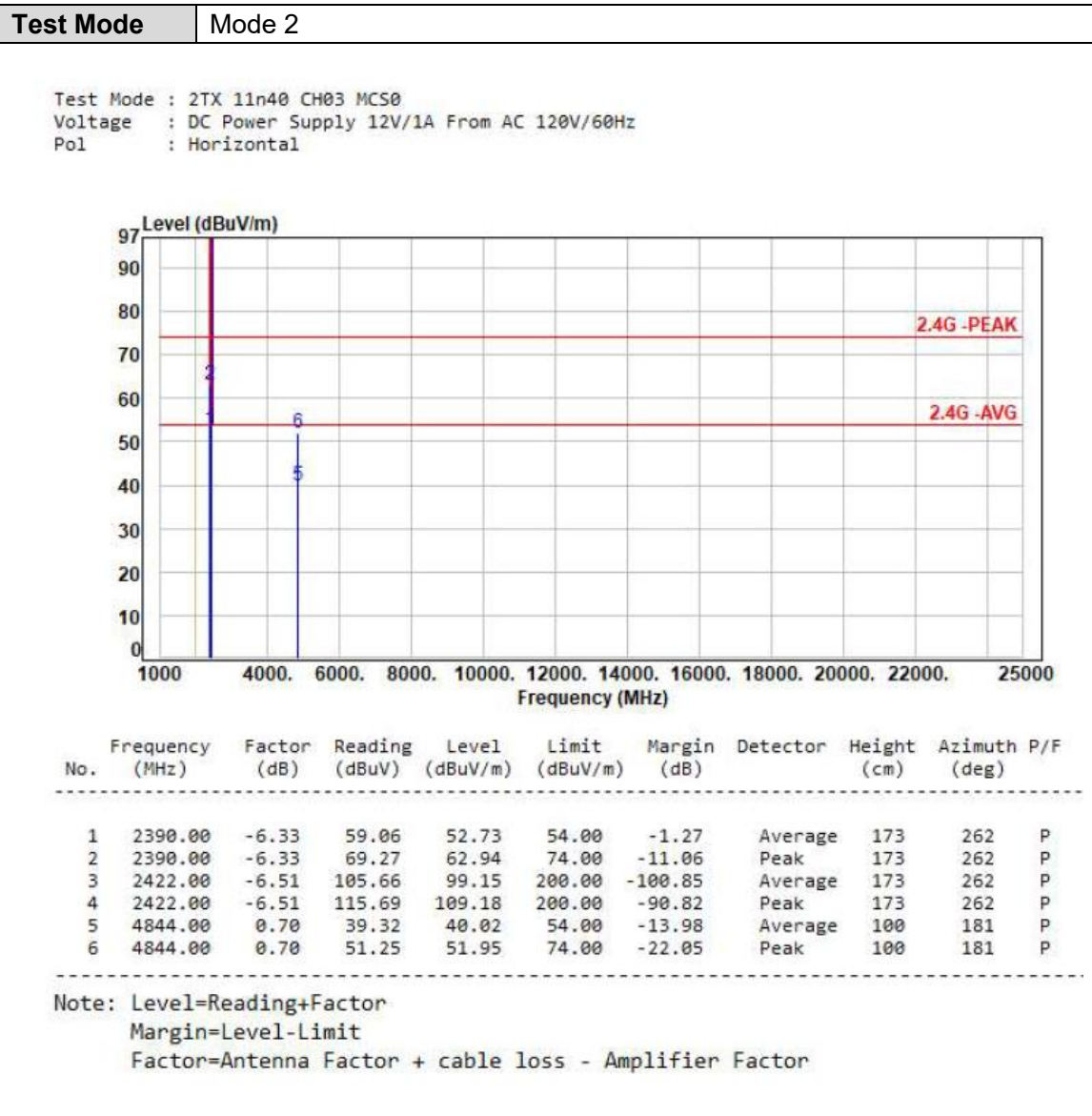
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

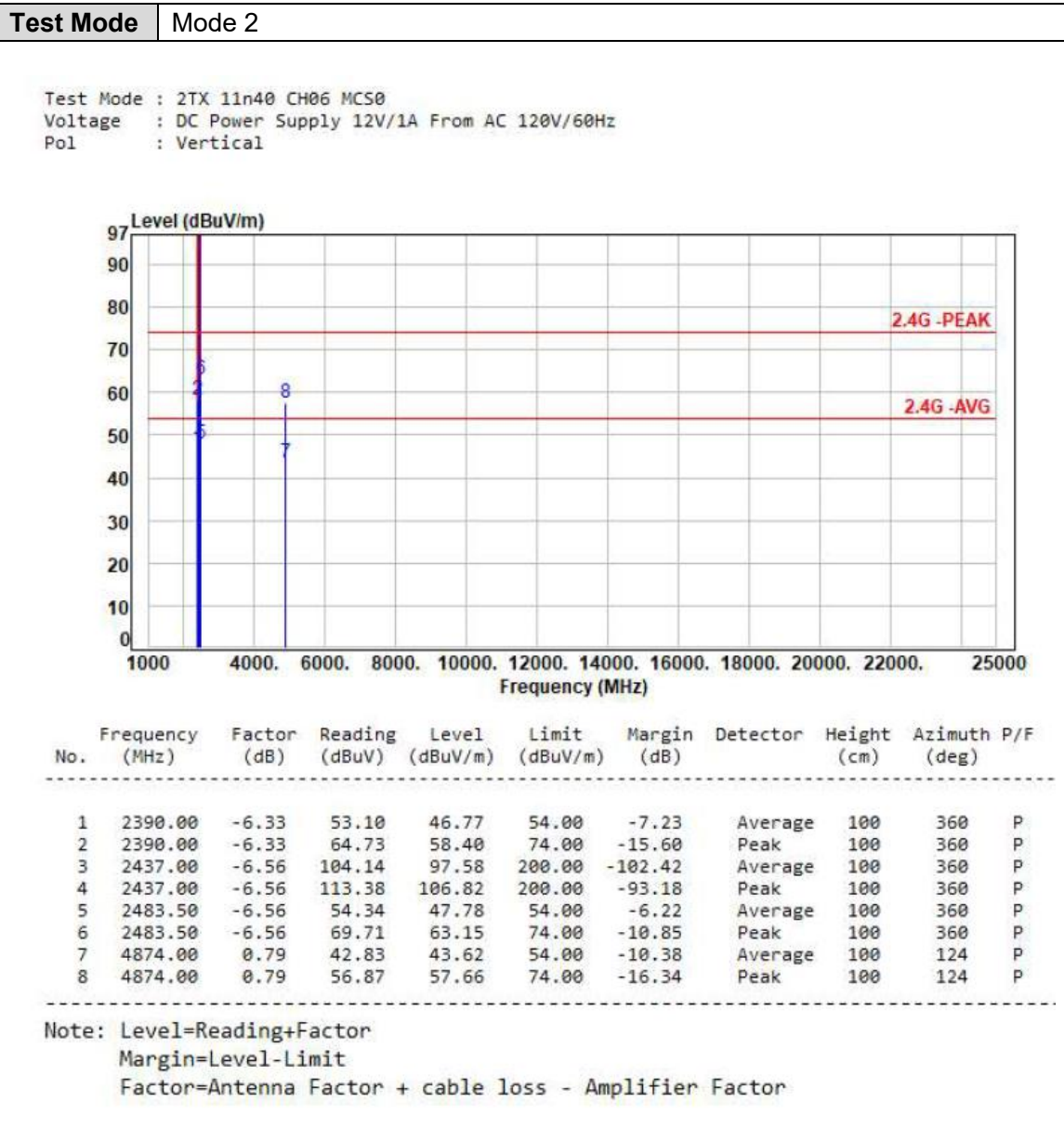


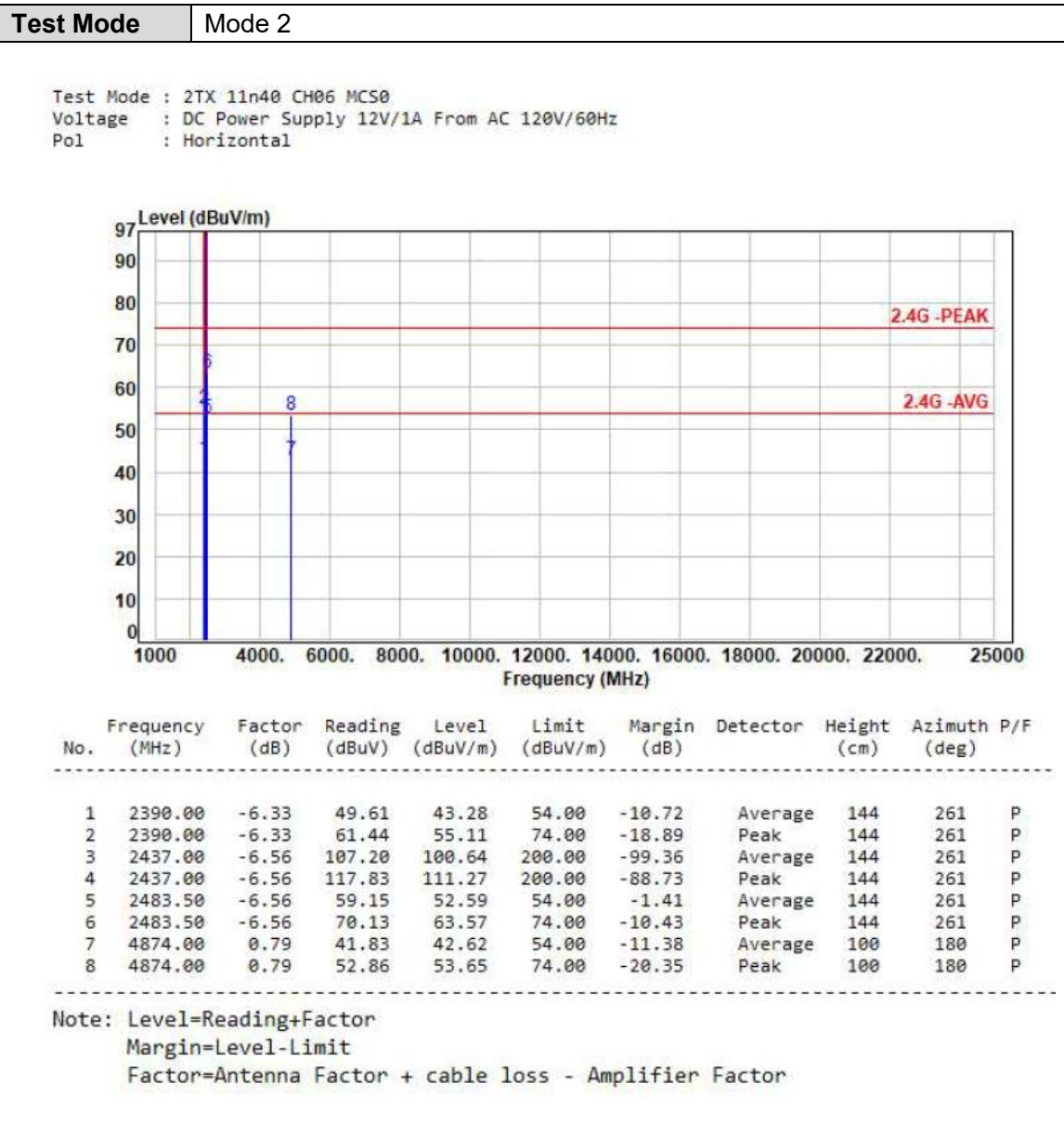






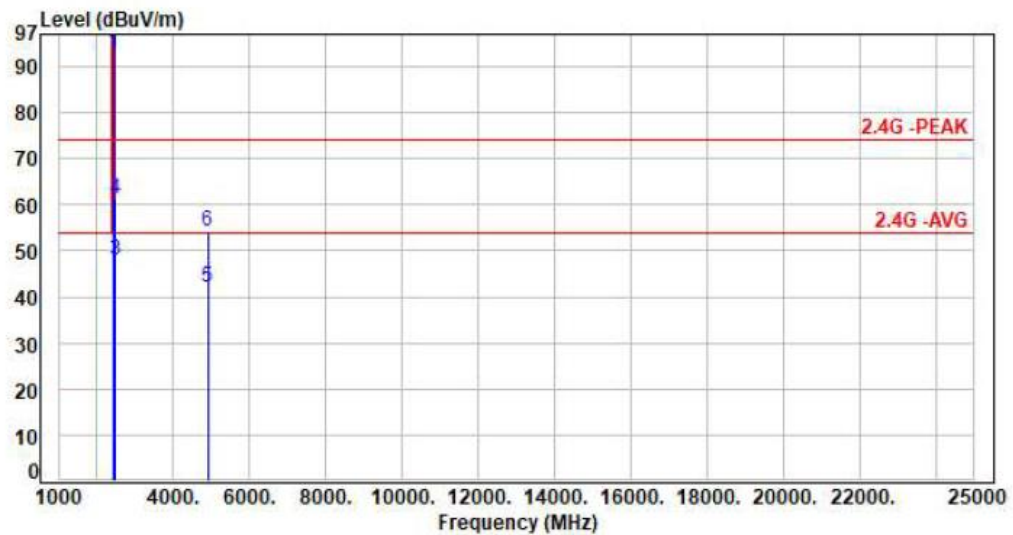






**Test Mode** Mode 2

Test Mode : 2TX 11n40 CH09 MCS0
Voltage : DC Power Supply 12V/1A From AC 120V/60Hz
Pol : Vertical

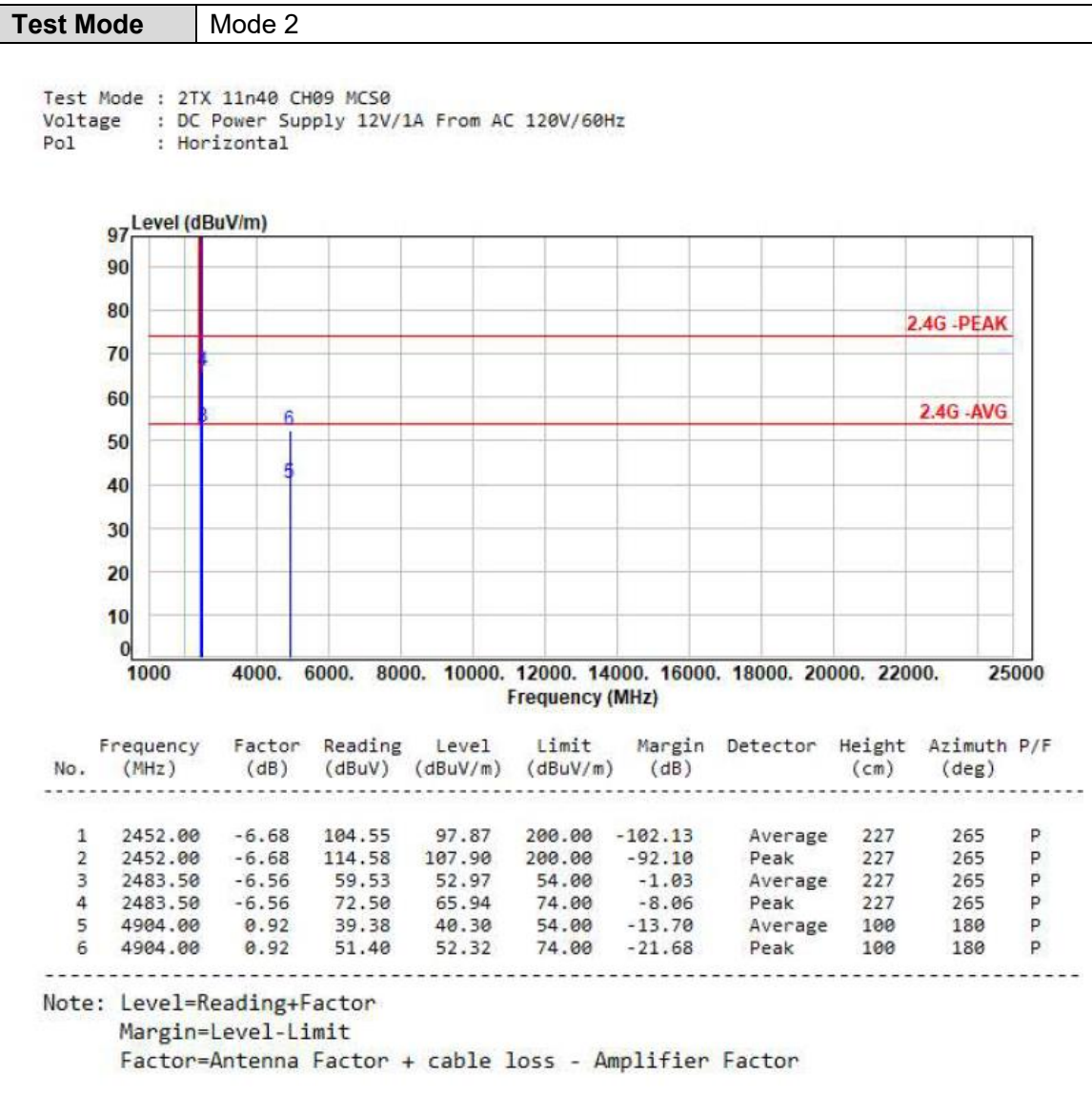


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-6.68	99.56	92.88	200.00	-107.12	Average	100	360	P
2	2452.00	-6.68	109.52	102.84	200.00	-97.16	Peak	100	360	P
3	2483.50	-6.56	54.41	47.85	54.00	-6.15	Average	100	360	P
4	2483.50	-6.56	67.62	61.06	74.00	-12.94	Peak	100	360	P
5	4904.00	0.92	41.11	42.03	54.00	-11.97	Average	100	360	P
6	4904.00	0.92	53.22	54.14	74.00	-19.86	Peak	100	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor





6.7 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 – 5.250
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. Test of Conducted Spurious Emission

7.1 Test Limit

According to the methods defined in ANSI C63.10-2020 Section 11.11.1

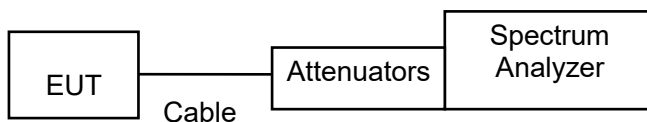
Below -30dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

7.2 Test Procedure

According to the methods defined in ANSI C63.10-2020 Section 11.11.2 & 11.11.3

- The transmitter output was connected to the spectrum analyzer via a low loss cable.
- Set RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- Peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 30dB relative to the maximum measured in-band peak PSD level.
- The band edges was measured and recorded.

7.3 Test Setup Layout



7.4 Test Result and Data

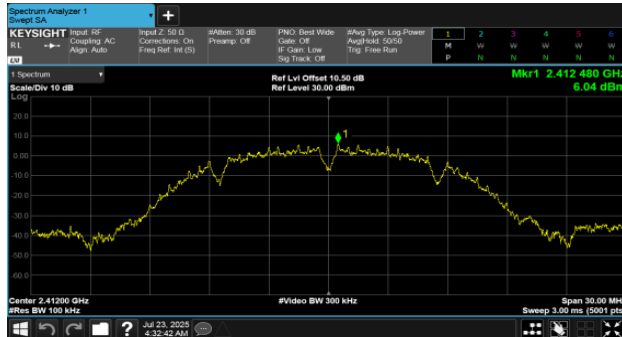
Note: Test plots refers to the following pages.



ANT A + B

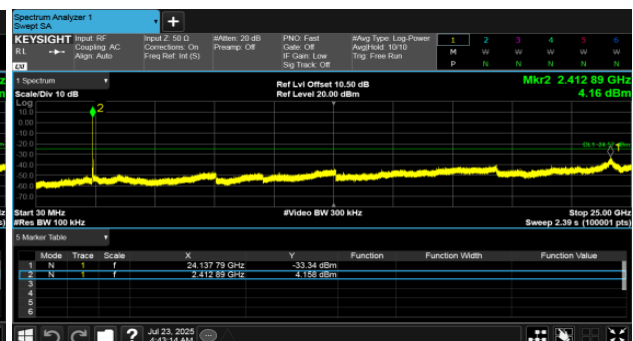
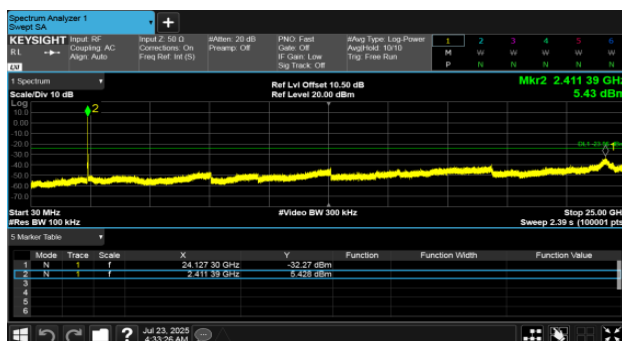
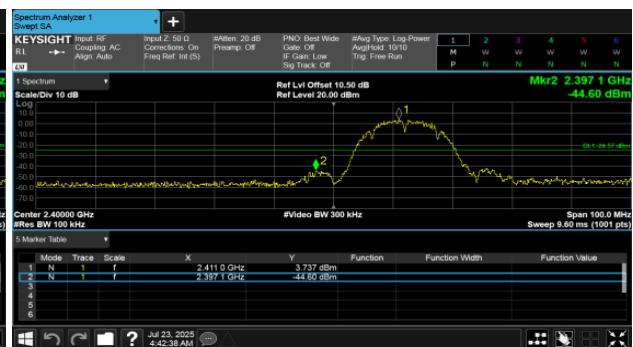
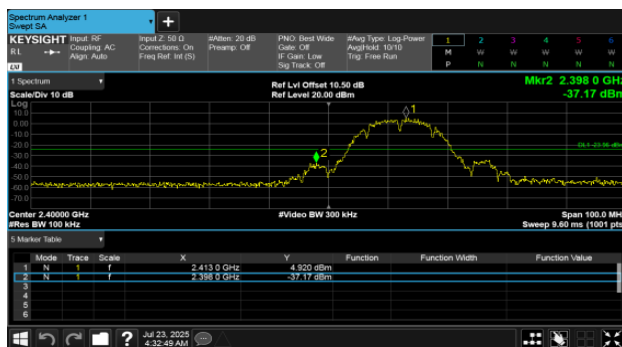
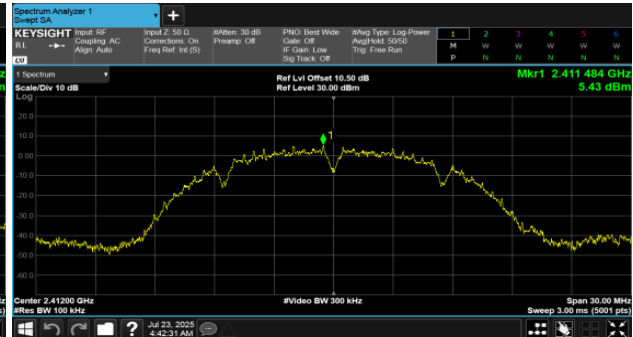
ANT A

Modulation Type: 802.11b CH01



ANT B

Modulation Type: 802.11b CH01

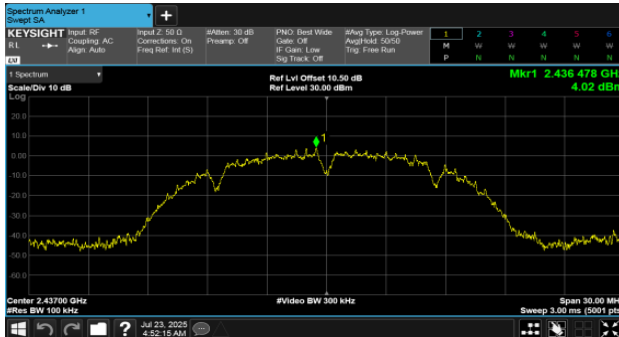




ANT A + B

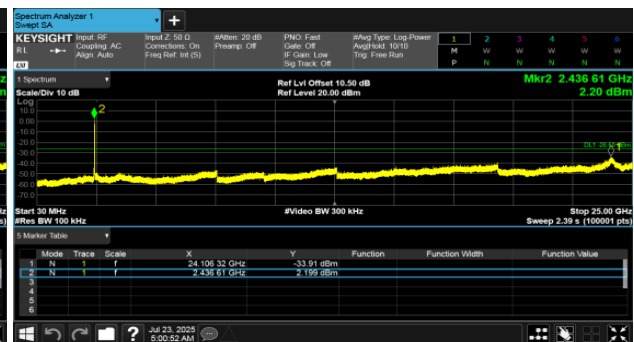
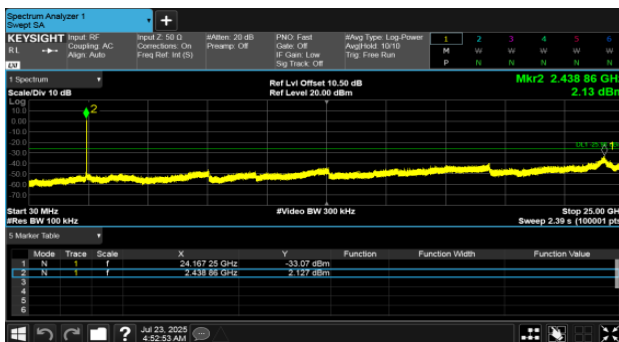
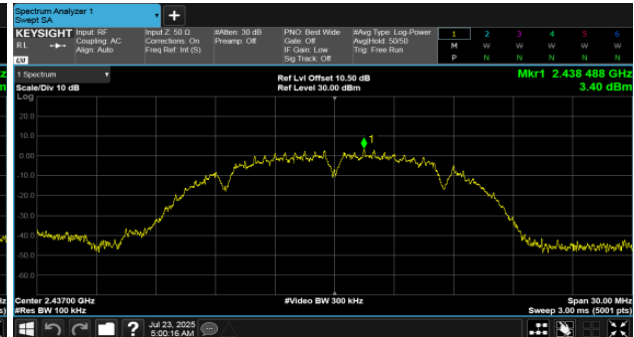
ANT A

Modulation Type: 802.11b CH06



ANT B

Modulation Type: 802.11b CH06

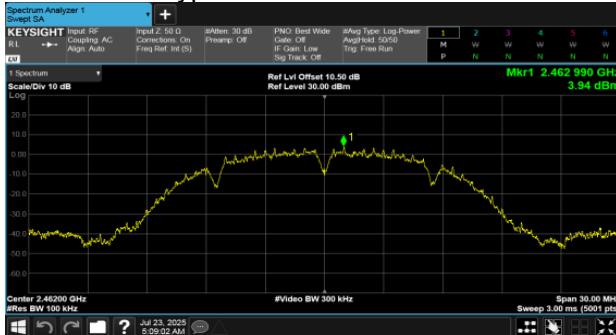




ANT A + B

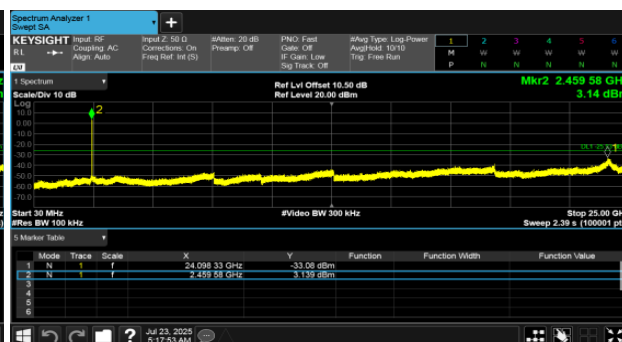
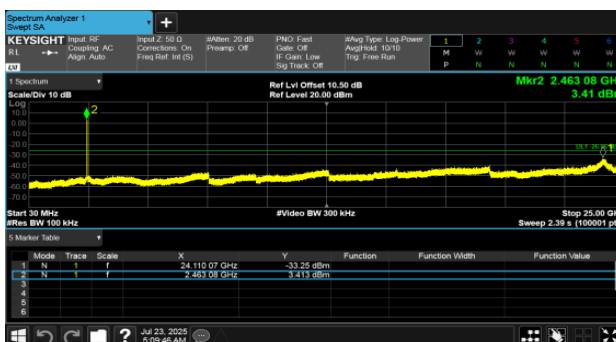
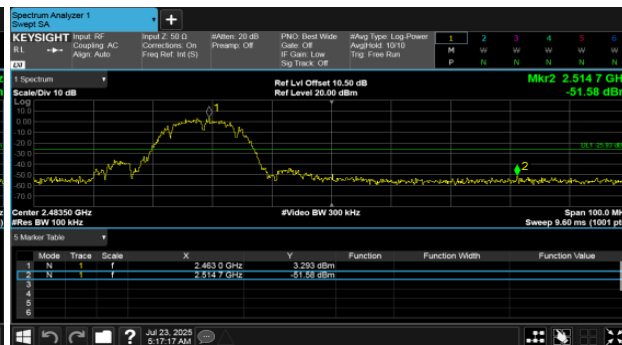
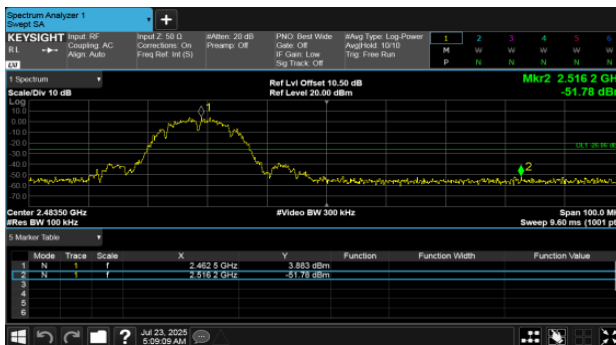
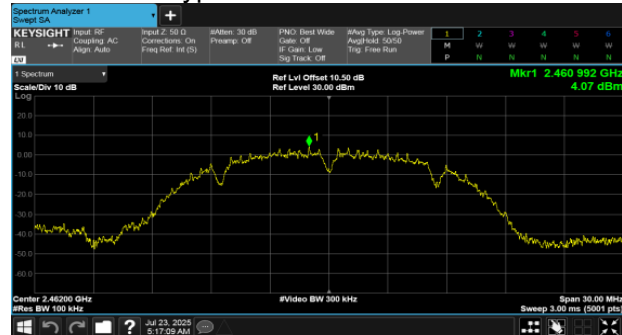
ANT A

Modulation Type: 802.11b CH11



ANT B

Modulation Type: 802.11b CH11

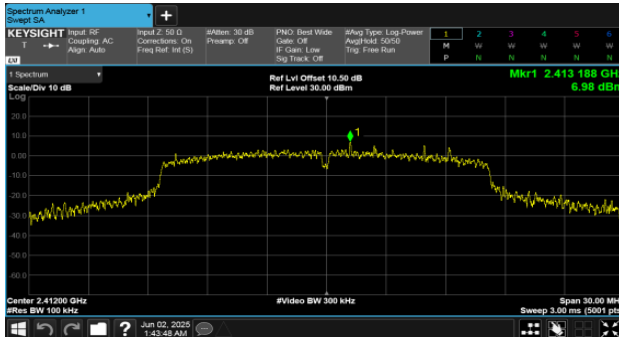




ANT A + B

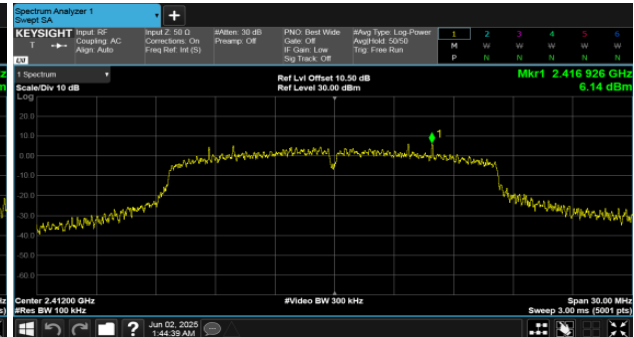
ANT A

Modulation Type: 802.11g CH01



ANT B

Modulation Type: 802.11g CH01

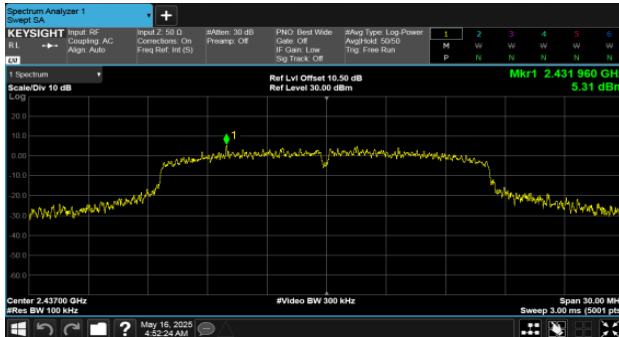




ANT A + B

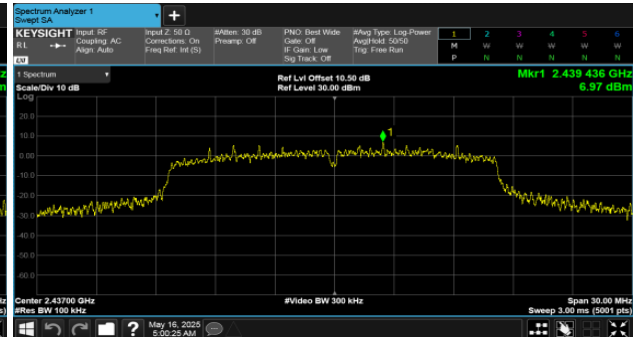
ANT A

Modulation Type: 802.11g CH06



ANT B

Modulation Type: 802.11g CH06

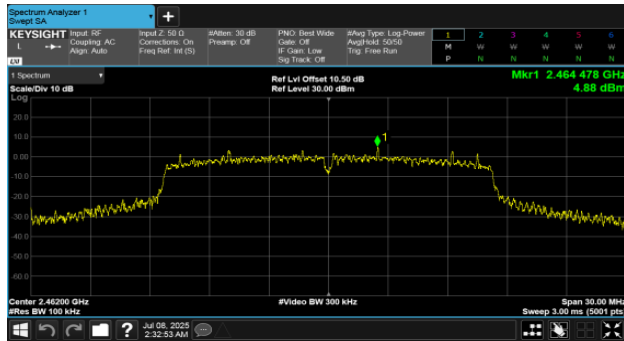




ANT A + B

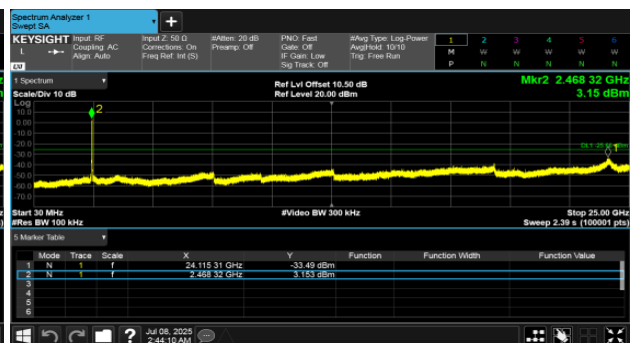
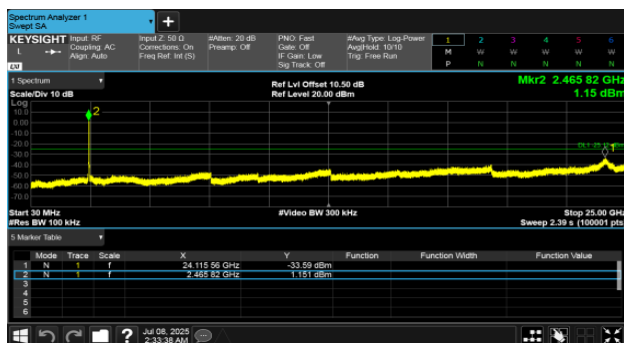
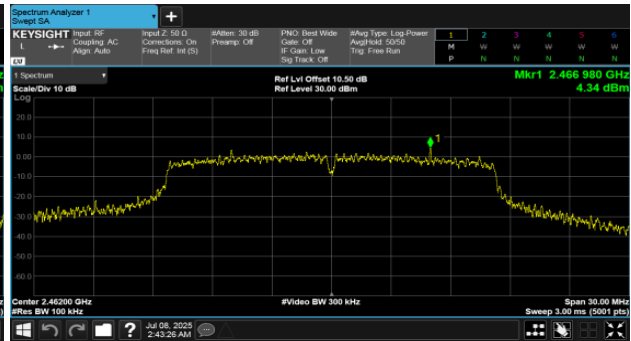
ANT A

Modulation Type: 802.11g CH11



ANT B

Modulation Type: 802.11g CH11

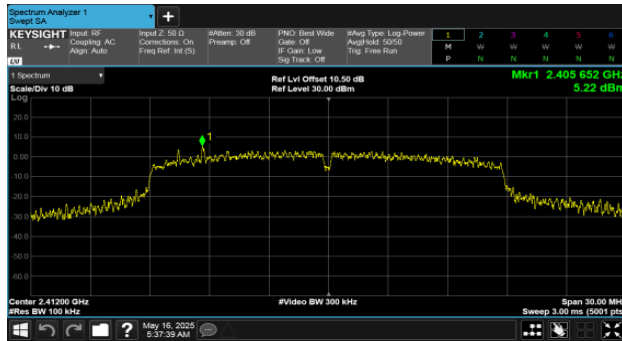




ANT A + B

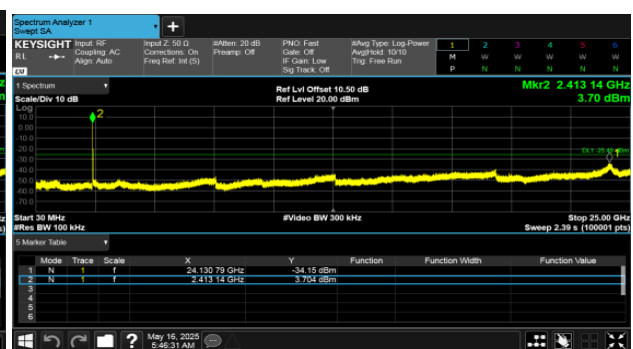
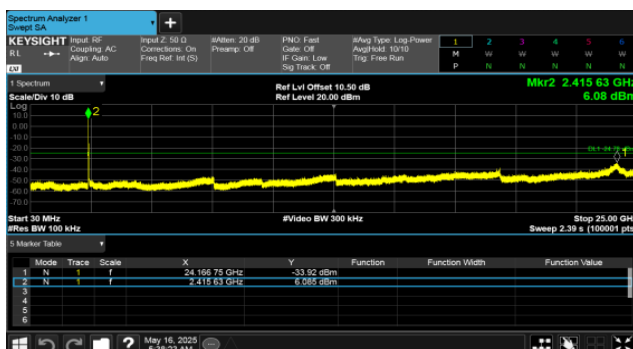
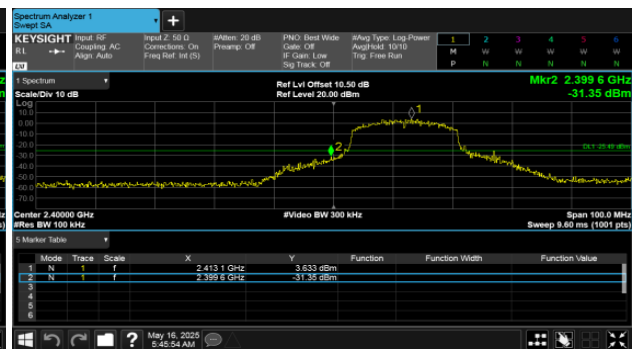
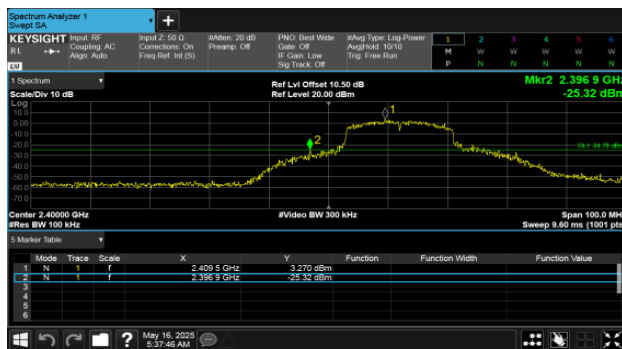
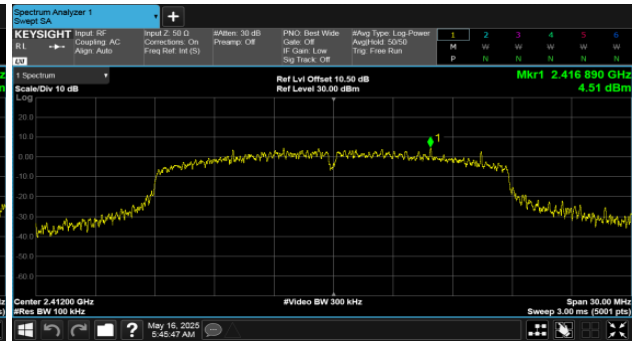
ANT A

Modulation Type: 802.11n HT20, CH01



ANT B

Modulation Type: 802.11n HT20, CH01

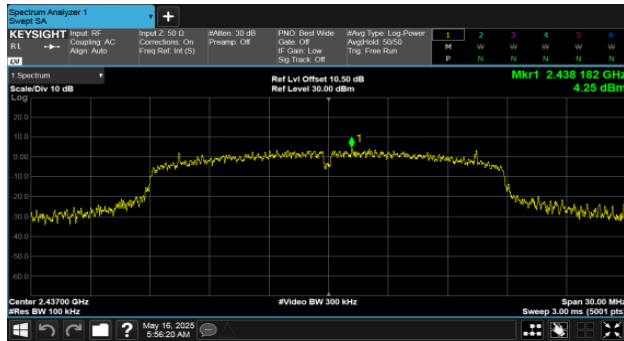




ANT A + B

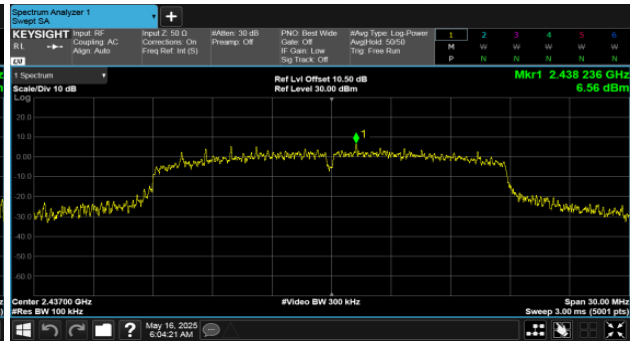
ANT A

Modulation Type: 802.11n HT20, CH06



ANT B

Modulation Type: 802.11n HT20, CH06

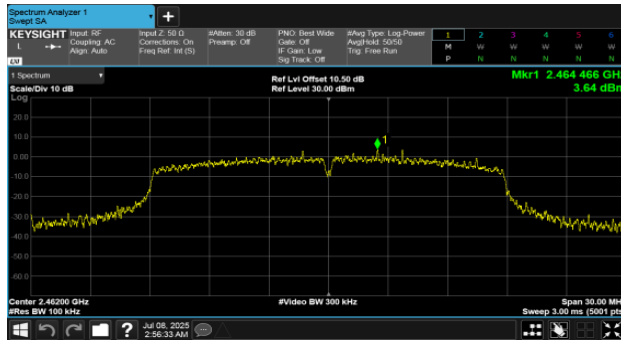




ANT A + B

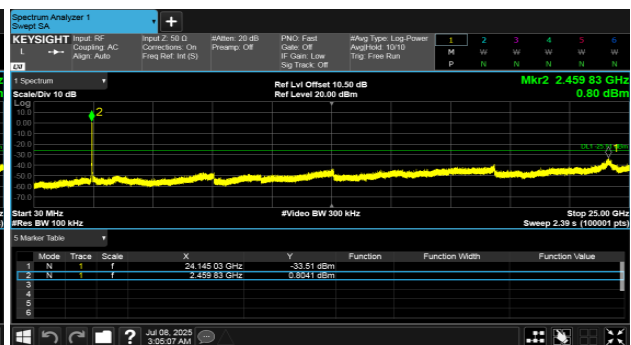
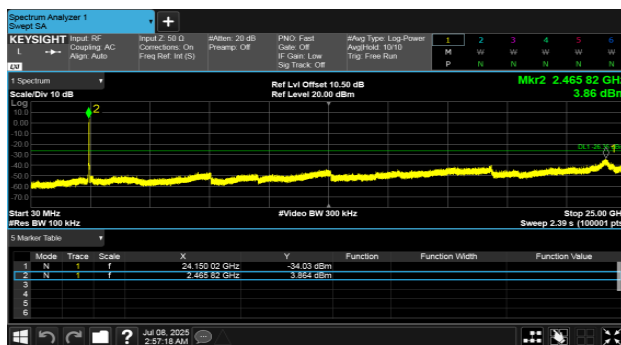
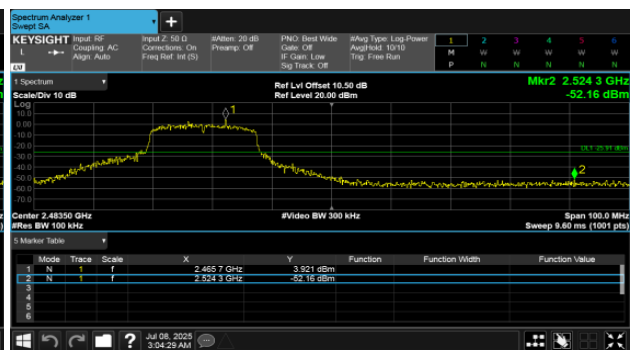
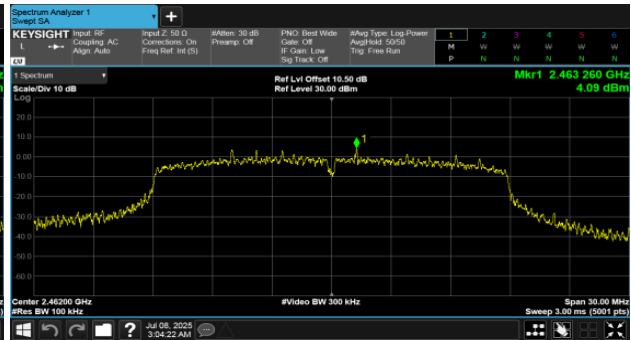
ANT A

Modulation Type: 802.11n HT20, CH11



ANT B

Modulation Type: 802.11n HT20, CH11





ANT A + B

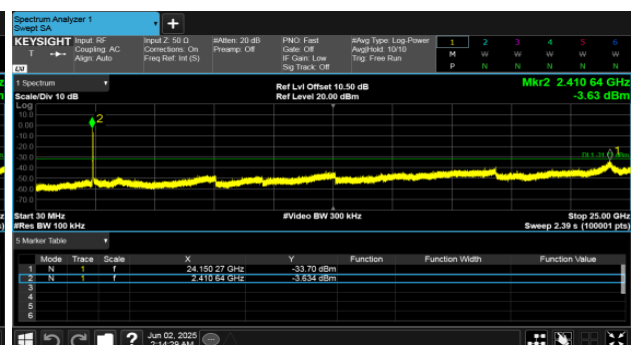
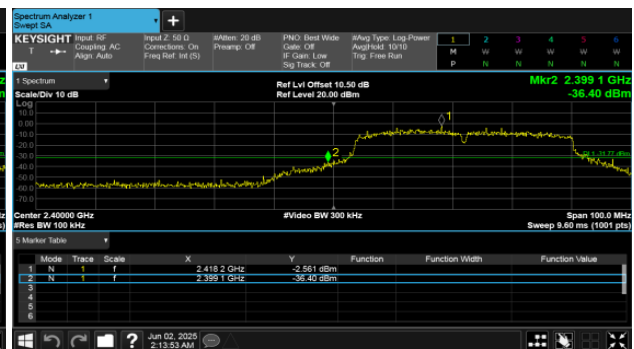
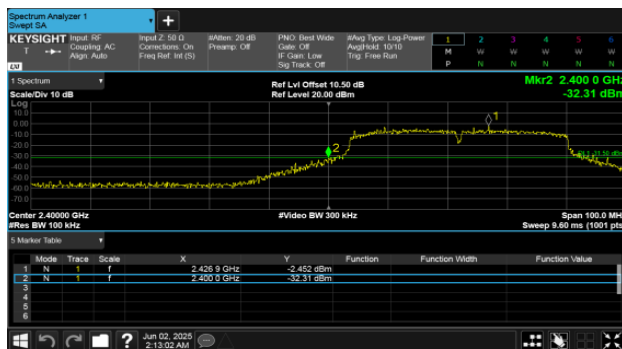
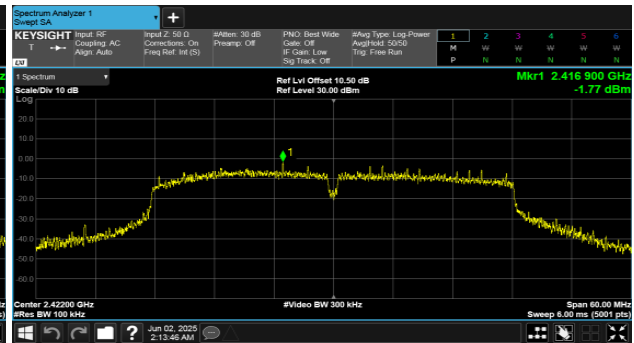
ANT A

Modulation Type: 802.11n HT40, CH03



ANT B

Modulation Type: 802.11n HT40, CH03

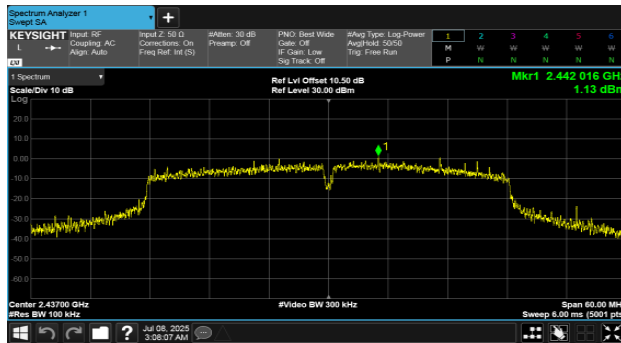




ANT A + B

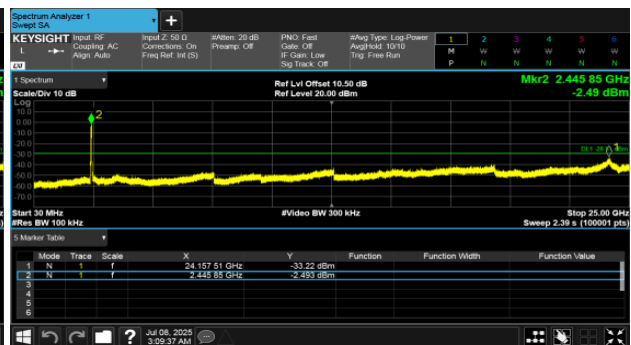
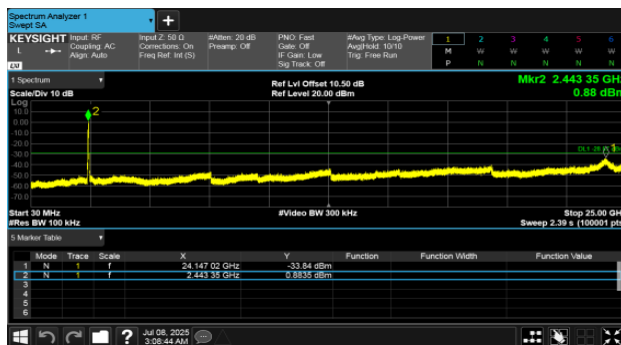
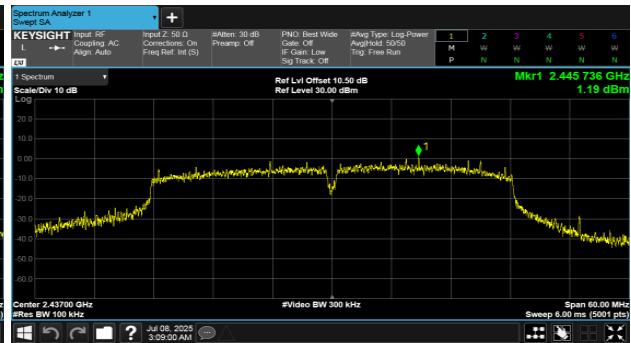
ANT A

Modulation Type: 802.11n HT40, CH06



ANT B

Modulation Type: 802.11n HT40, CH06

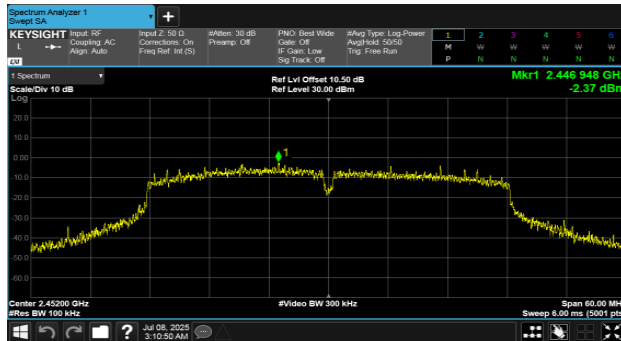




ANT A + B

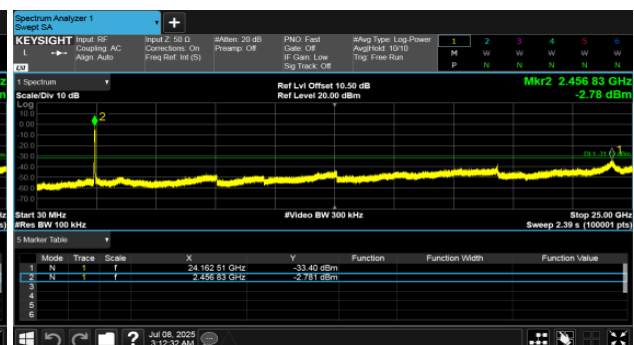
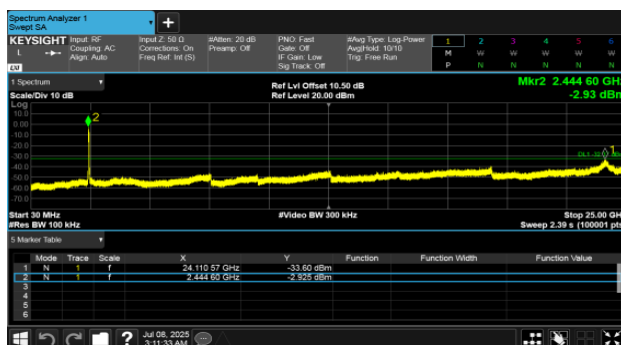
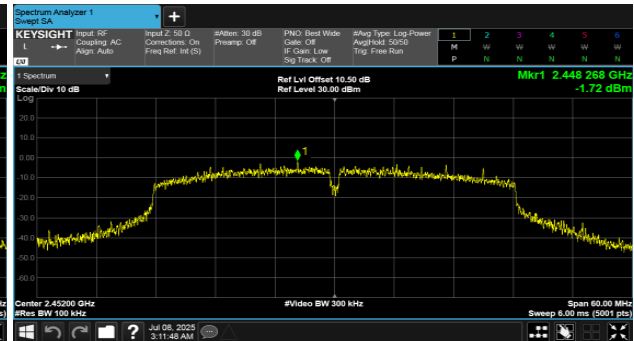
ANT A

Modulation Type: 802.11n HT40, CH09



ANT B

Modulation Type: 802.11n HT40, CH09

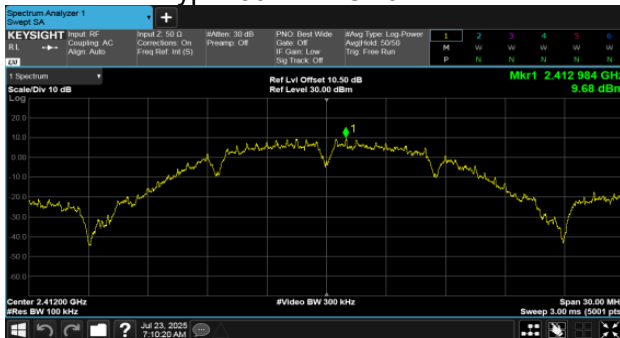




ANT A + C

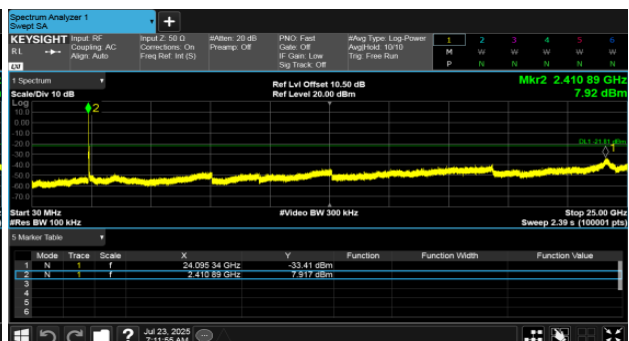
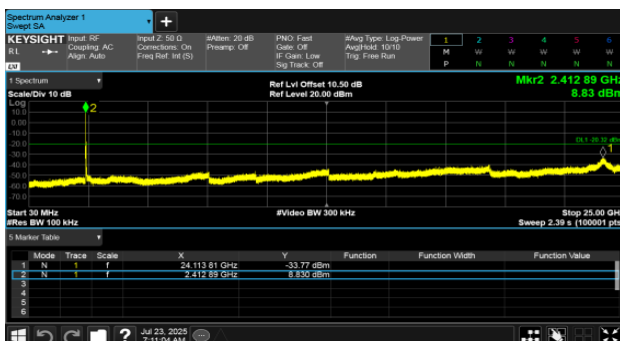
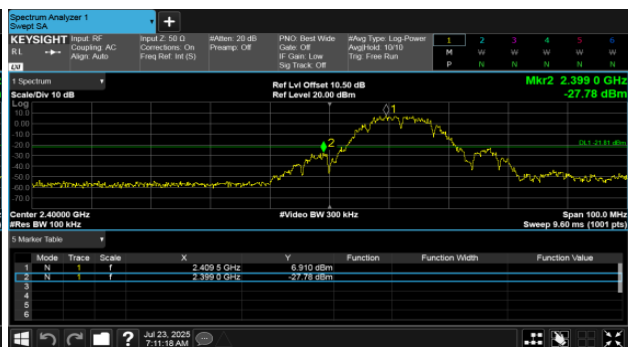
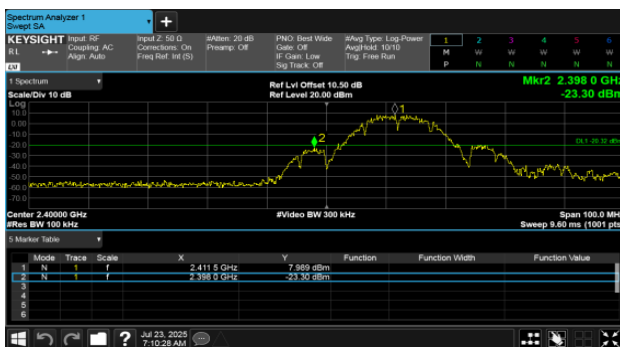
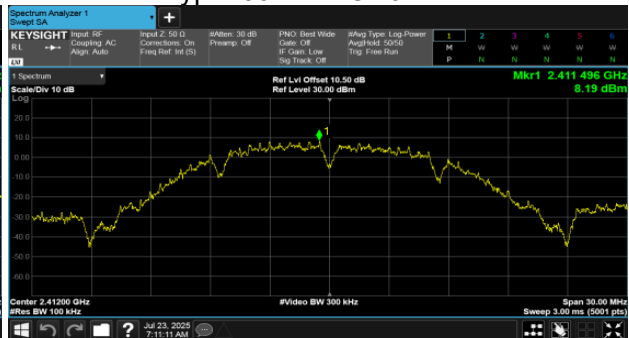
ANT A

Modulation Type: 802.11b CH01



ANT B

Modulation Type: 802.11b CH01

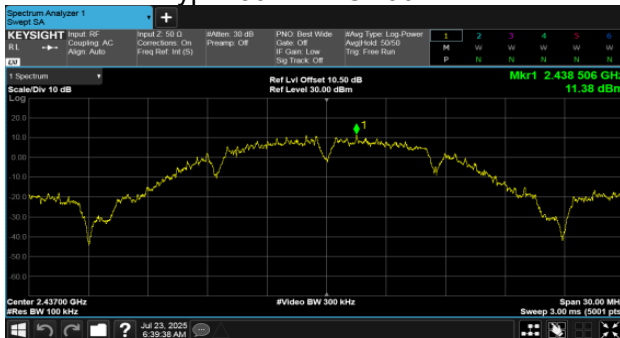




ANT A + C

ANT A

Modulation Type: 802.11b CH06



ANT B

Modulation Type: 802.11b CH06

