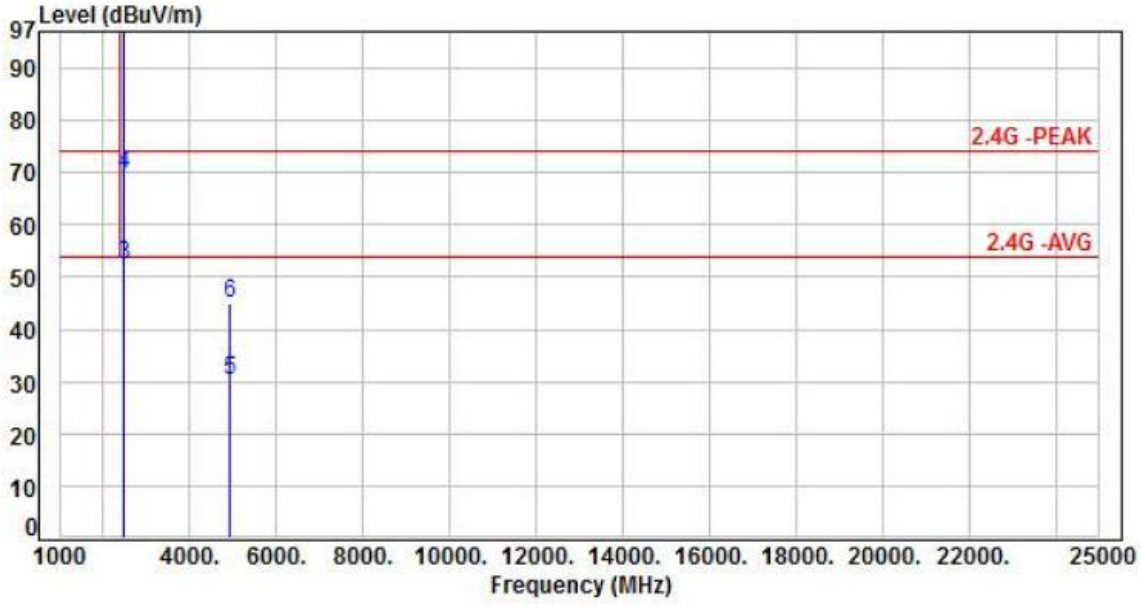
BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, CH11		:	

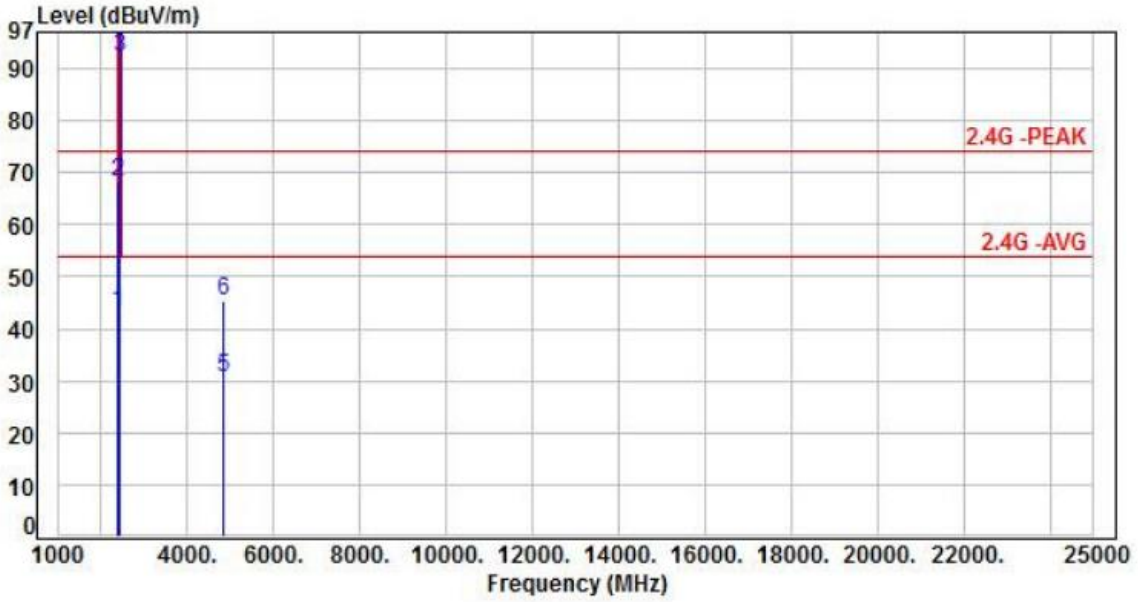


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.40	106.23	102.83	200.00	-97.17	Average	110	360	P
2	2462.00	-3.40	121.36	117.96	200.00	-82.04	Peak	110	360	P
3	2483.50	-3.30	55.80	52.50	54.00	-1.50	Average	110	360	P
4	2483.50	-3.30	72.86	69.56	74.00	-4.44	Peak	110	360	P
5	4924.00	4.20	25.95	30.15	54.00	-23.85	Average	100	350	P
6	4924.00	4.20	40.96	45.16	74.00	-28.84	Peak	100	350	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 8, CH03		:	

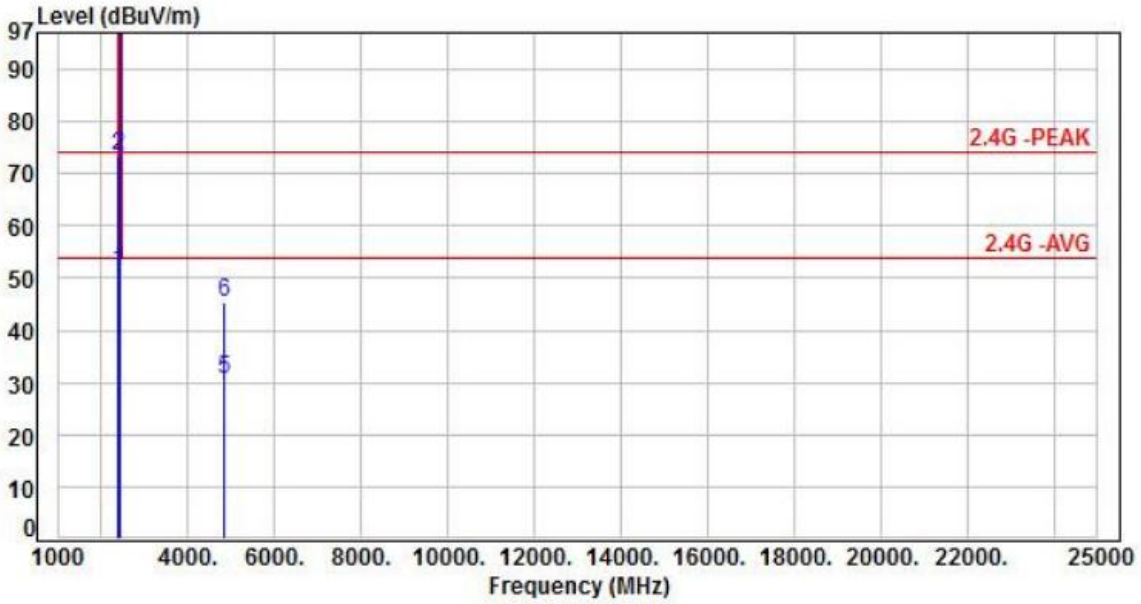


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	46.63	43.09	54.00	-10.91	Average	357	317	P
2	2390.00	-3.54	71.90	68.36	74.00	-5.64	Peak	357	317	P
3	2422.00	-3.49	95.84	92.35	200.00	-107.65	Average	357	317	P
4	2422.00	-3.49	108.58	105.09	200.00	-94.91	Peak	357	317	P
5	4844.00	3.90	26.81	30.71	54.00	-23.29	Average	100	344	P
6	4844.00	3.90	41.33	45.23	74.00	-28.77	Peak	100	344	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 8, CH03		:	

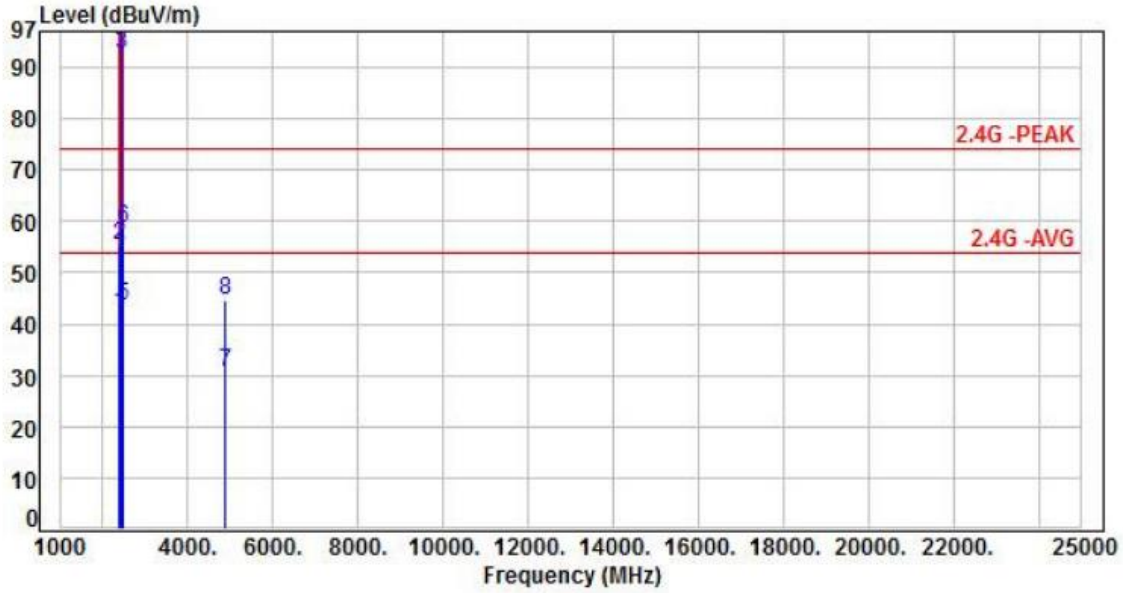


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	54.63	51.09	54.00	-2.91	Average	100	10	P
2	2390.00	-3.54	76.82	73.28	74.00	-0.72	Peak	100	10	P
3	2422.00	-3.49	102.71	99.22	200.00	-100.78	Average	100	10	P
4	2422.00	-3.49	116.48	112.99	200.00	-87.01	Peak	100	10	P
5	4844.00	3.90	26.85	30.75	54.00	-23.25	Average	100	355	P
6	4844.00	3.90	41.28	45.18	74.00	-28.82	Peak	100	355	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 8, CH06		:	

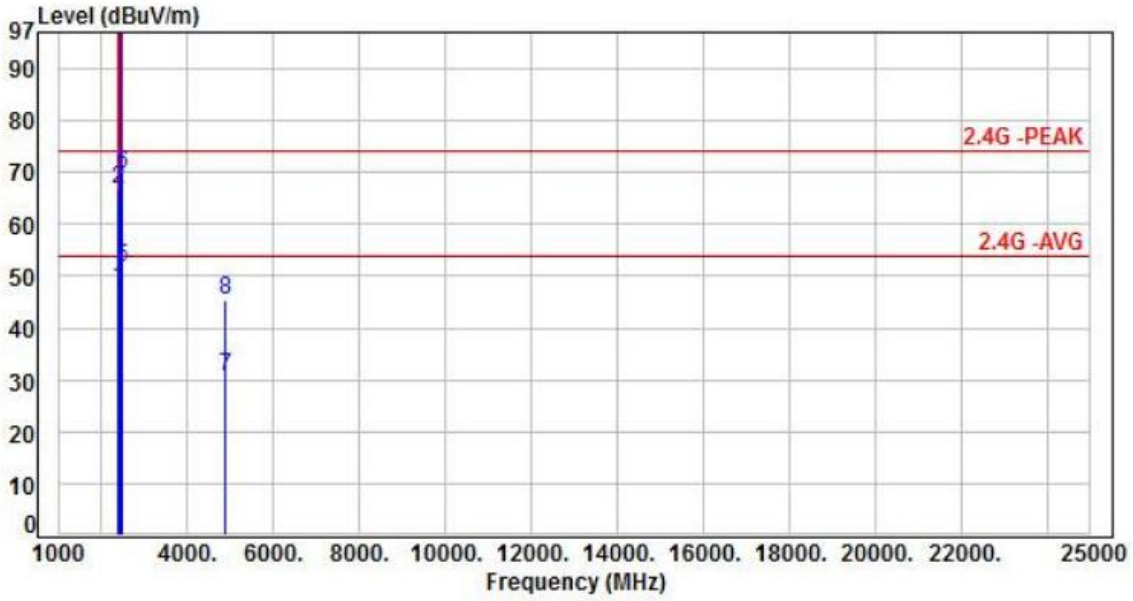


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	45.43	41.89	54.00	-12.11	Average	385	315	P
2	2390.00	-3.54	58.89	55.35	74.00	-18.65	Peak	385	315	P
3	2437.00	-3.47	96.19	92.72	200.00	-107.28	Average	385	315	P
4	2437.00	-3.47	109.38	105.91	200.00	-94.09	Peak	385	315	P
5	2483.50	-3.30	46.91	43.61	54.00	-10.39	Average	385	315	P
6	2483.50	-3.30	62.11	58.81	74.00	-15.19	Peak	385	315	P
7	4874.00	4.00	26.45	30.45	54.00	-23.55	Average	100	340	P
8	4874.00	4.00	40.74	44.74	74.00	-29.26	Peak	100	340	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 8, CH06		:	

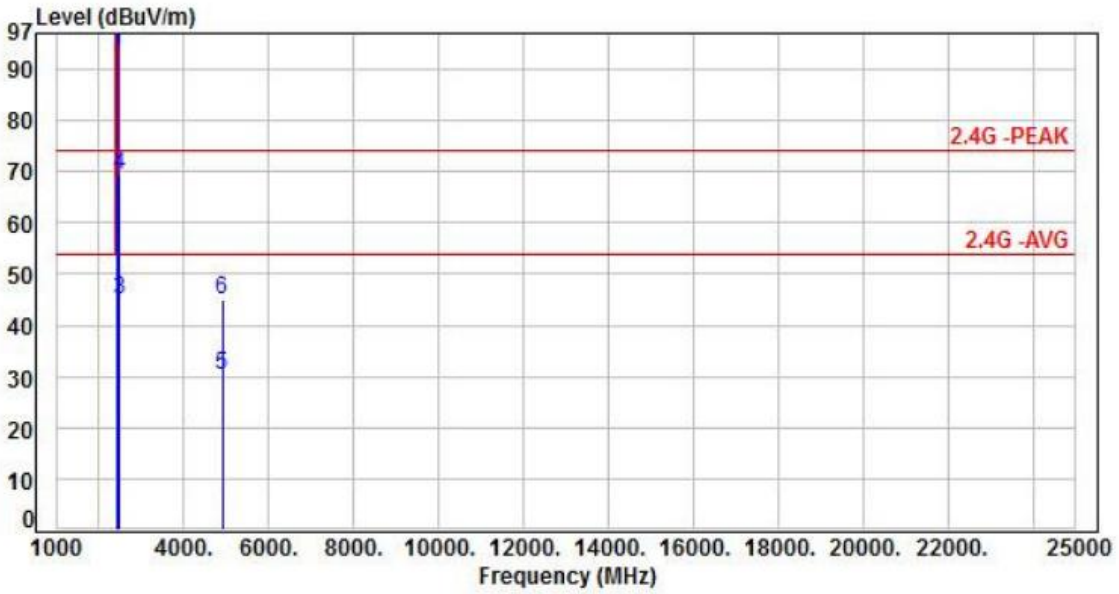


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	51.08	47.54	54.00	-6.46	Average	164	360	P
2	2390.00	-3.54	70.44	66.90	74.00	-7.10	Peak	164	360	P
3	2437.00	-3.47	104.91	101.44	200.00	-98.56	Average	164	360	P
4	2437.00	-3.47	117.59	114.12	200.00	-85.88	Peak	164	360	P
5	2483.50	-3.30	54.86	51.56	54.00	-2.44	Average	164	360	P
6	2483.50	-3.30	73.09	69.79	74.00	-4.21	Peak	164	360	P
7	4874.00	4.00	26.48	30.48	54.00	-23.52	Average	100	354	P
8	4874.00	4.00	41.26	45.26	74.00	-28.74	Peak	100	354	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 8, CH09		:	

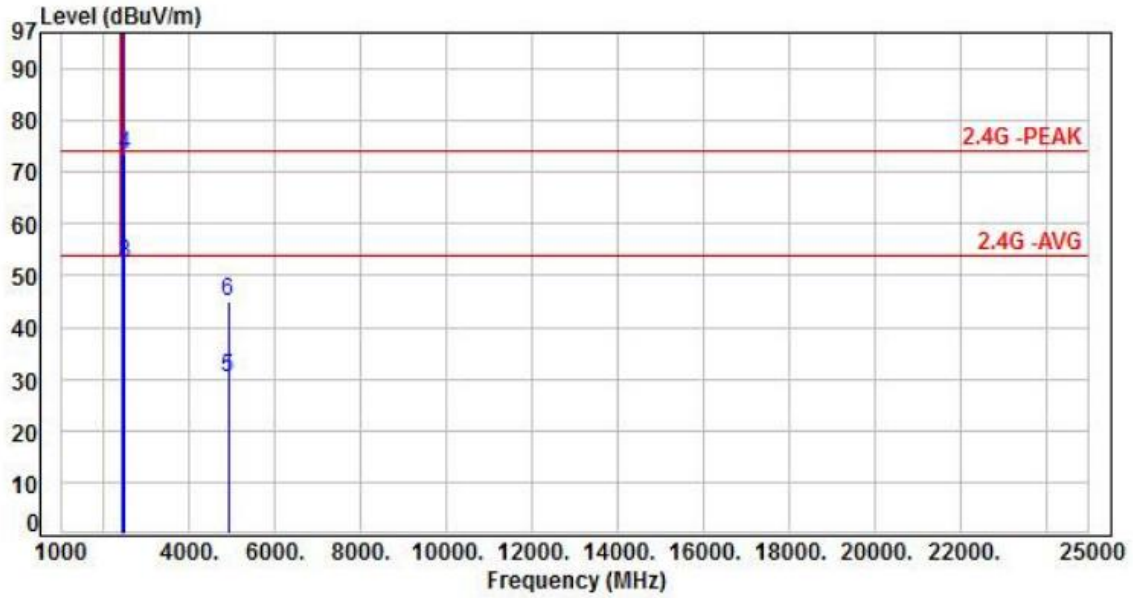


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-3.45	97.29	93.84	200.00	-106.16	Average	382	324	P
2	2452.00	-3.45	108.21	104.76	200.00	-95.24	Peak	382	324	P
3	2483.50	-3.30	48.44	45.14	54.00	-8.86	Average	382	324	P
4	2483.50	-3.30	72.54	69.24	74.00	-4.76	Peak	382	324	P
5	4904.00	4.10	26.21	30.31	54.00	-23.69	Average	100	346	P
6	4904.00	4.10	40.96	45.06	74.00	-28.94	Peak	100	346	P

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

BeamForming

Power	:	DC 56V From POE (120V/60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 8, CH09		:	



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	-3.45	100.89	97.44	200.00	-102.56	Average	100	360	P
2	2452.00	-3.45	115.11	111.66	200.00	-88.34	Peak	100	360	P
3	2483.50	-3.30	55.52	52.22	54.00	-1.78	Average	100	360	P
4	2483.50	-3.30	76.62	73.32	74.00	-0.68	Peak	100	360	P
5	4904.00	4.10	26.25	30.35	54.00	-23.65	Average	100	351	P
6	4904.00	4.10	41.08	45.18	74.00	-28.82	Peak	100	351	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

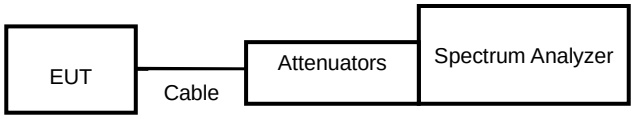
According to the methods defined in ANSI C63.10-2013 Section 11.11.1
Below –30dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

7.2 Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 11.11.2 & 11.11.3

a. The transmitter output was connected to the spectrum analyzer via a low loss cable.
b. 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.
c. 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.
d. The band edges was measured and recorded.

7.3 Test Setup Layout

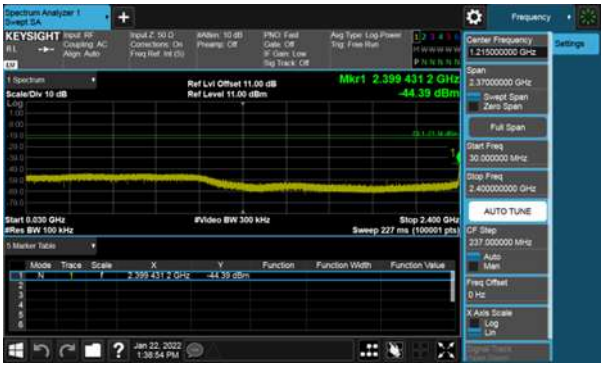


7.4 Test Result and Data

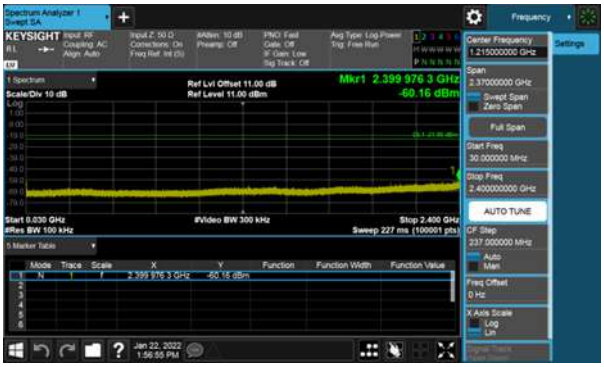
Note: Test plots refers to the following pages.

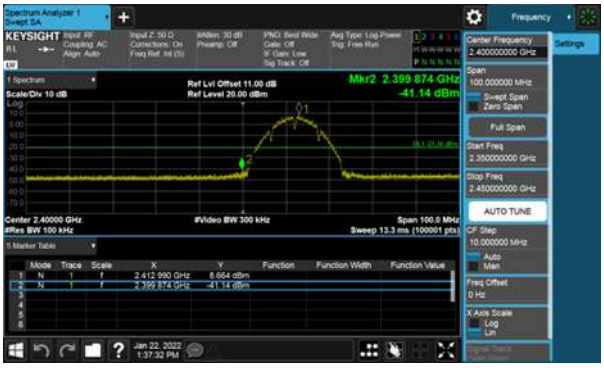
Non BeamForming
ANT C

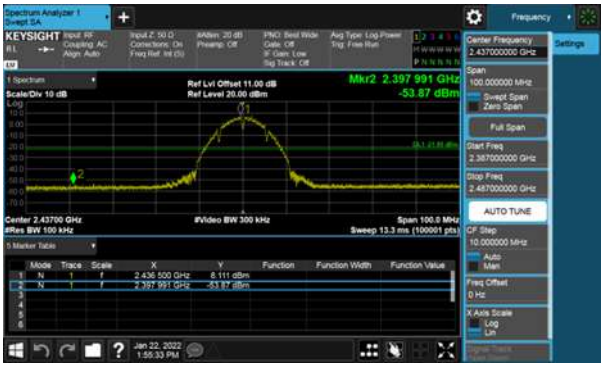
Modulation Type: 802.11b, CH 01



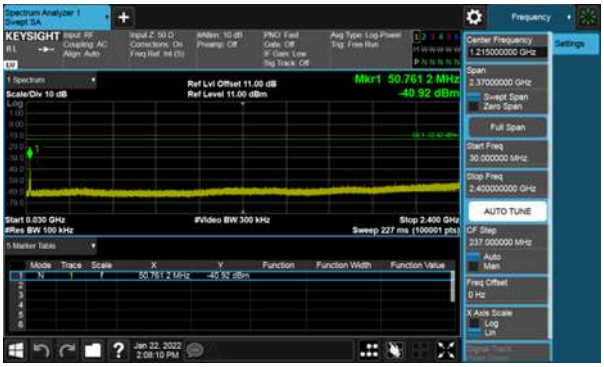
Modulation Type: 802.11b, CH 06





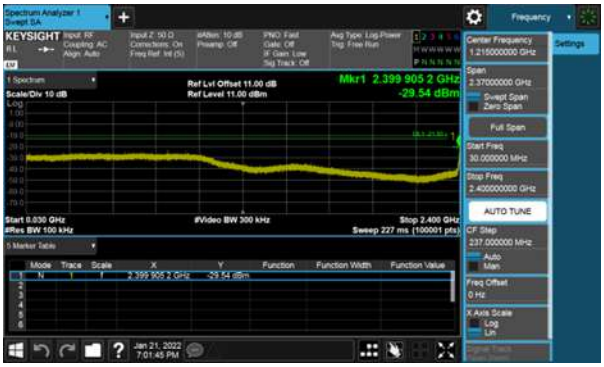


Non BeamForming
ANT C
Modulation Type: 802.11b, CH 11

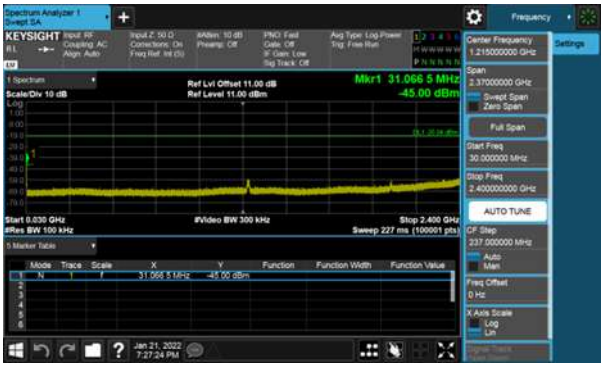


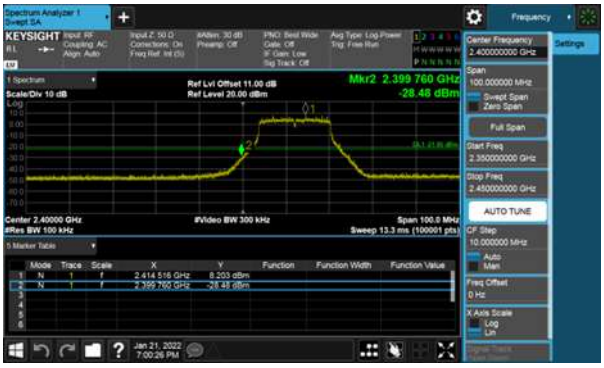
Non BeamForming
ANT C

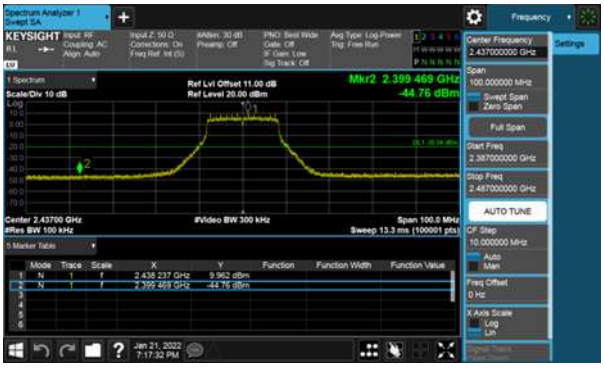
Modulation Type: 802.11g, CH 01



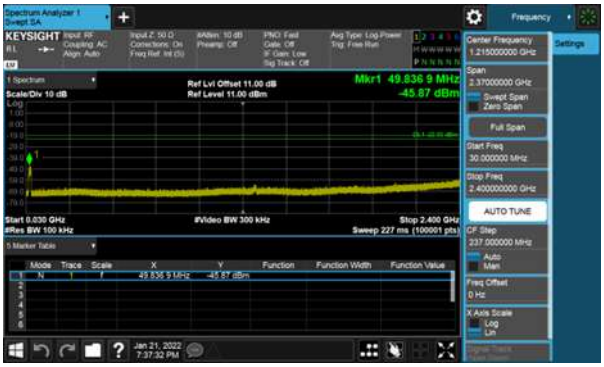
Modulation Type: 802.11g, CH 06





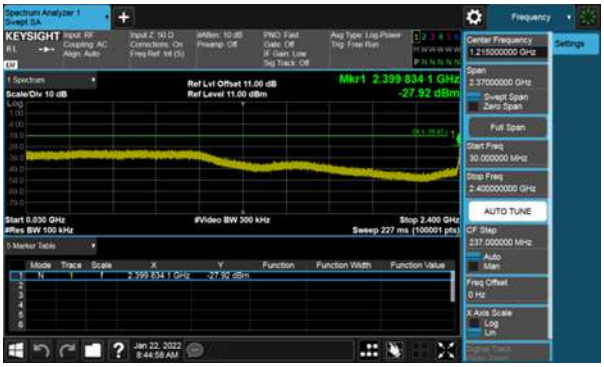


Non BeamForming
ANT C
Modulation Type: 802.11g, CH 11

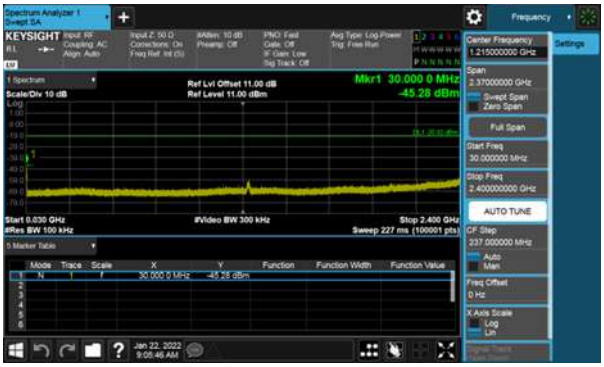


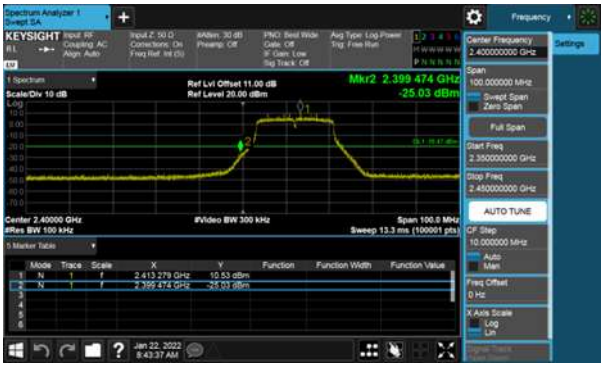
Non BeamForming
ANT C

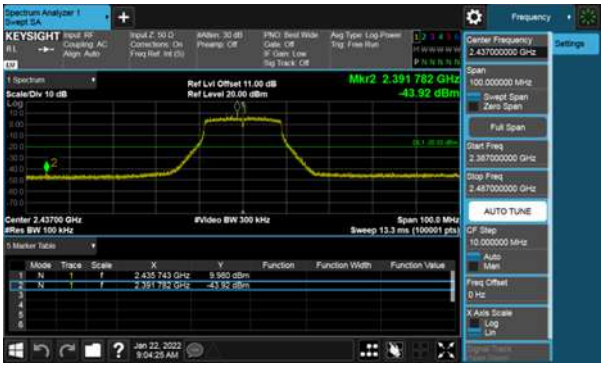
Modulation Type: 802.11n HT20, CH01



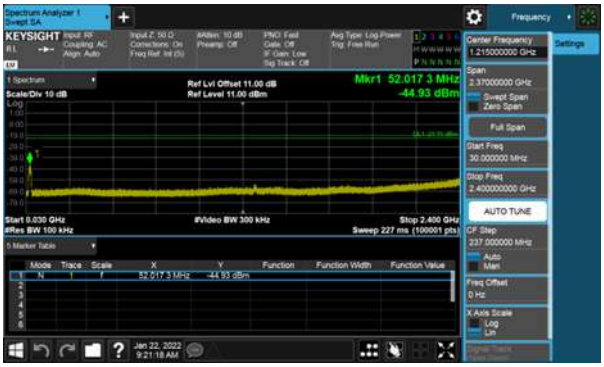
Modulation Type: 802.11n HT20, CH06







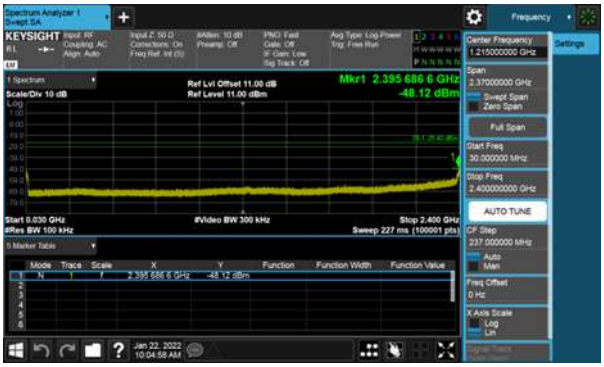
Non BeamForming
ANT C
Modulation Type: 802.11n HT20, CH11

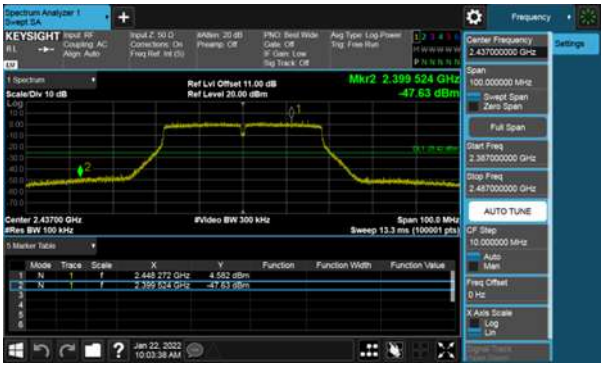


Non BeamForming
ANT C

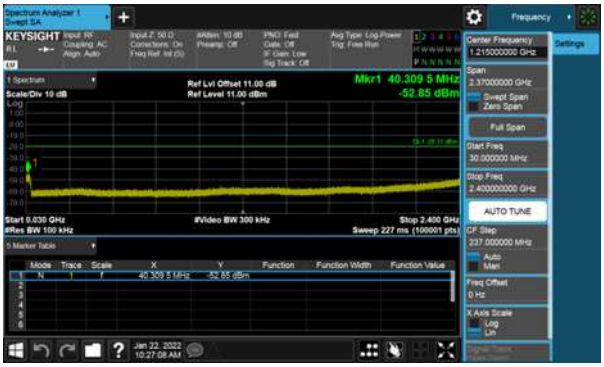
Modulation Type: 802.11n HT40, CH03

Modulation Type: 802.11n HT40, CH06



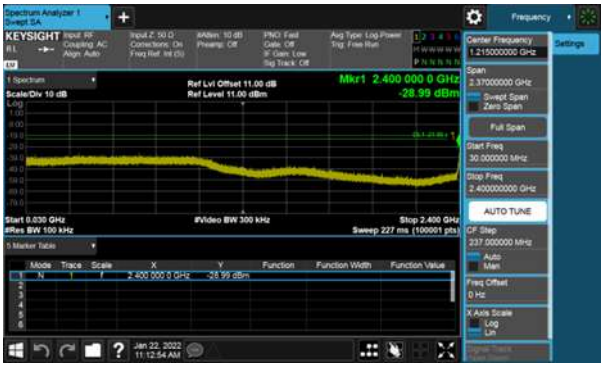


Non BeamForming
ANT C
Modulation Type: 802.11n HT40, CH09

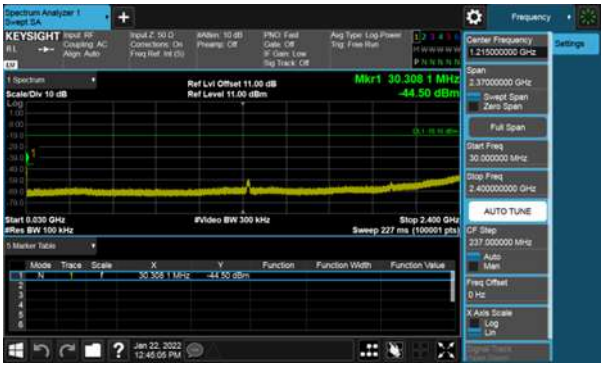


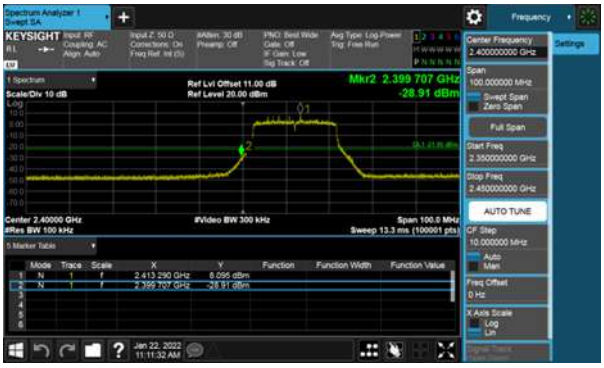
Non BeamForming
ANT C

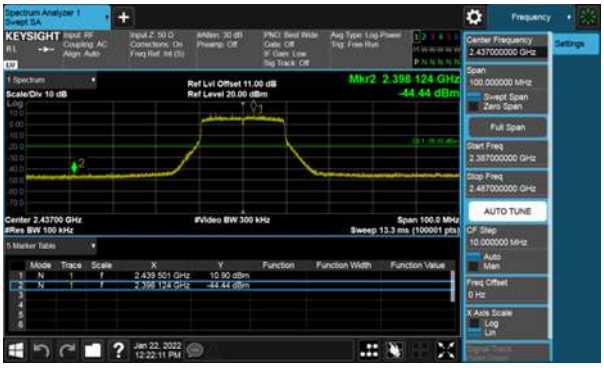
Modulation Type: 802.11ax HE20, CH01



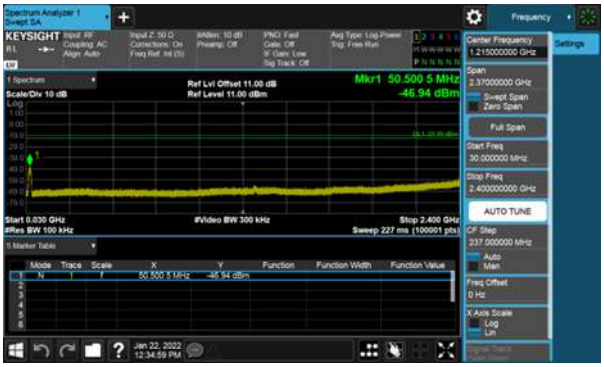
Modulation Type: 802.11ax HE20, CH06





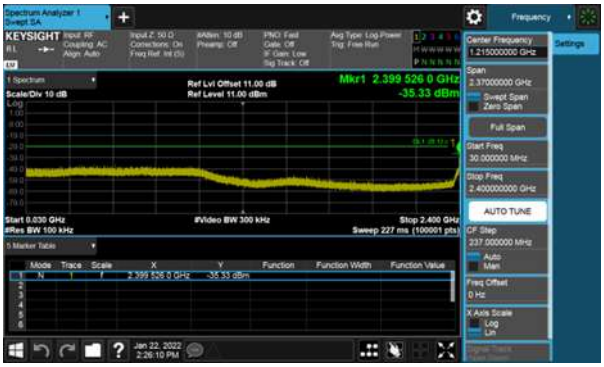


Non BeamForming
ANT C
Modulation Type: 802.11ax HE20, CH11

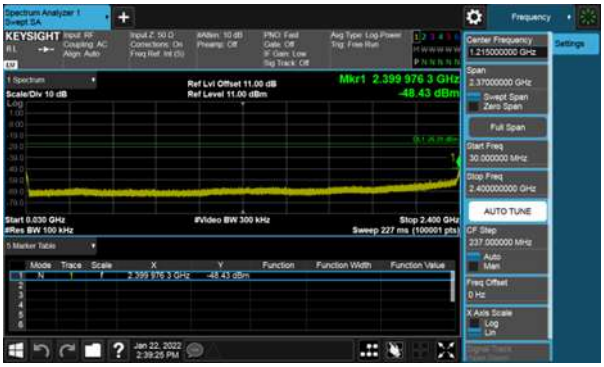


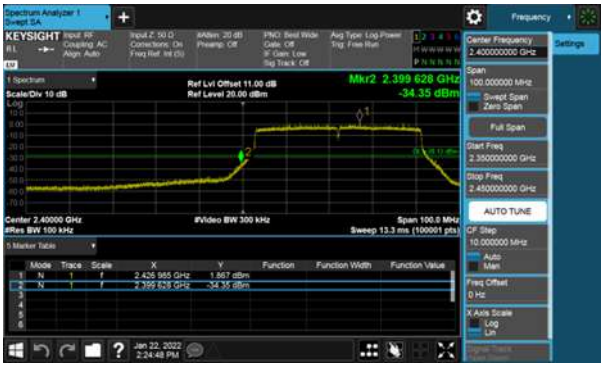
Non BeamForming
ANT C

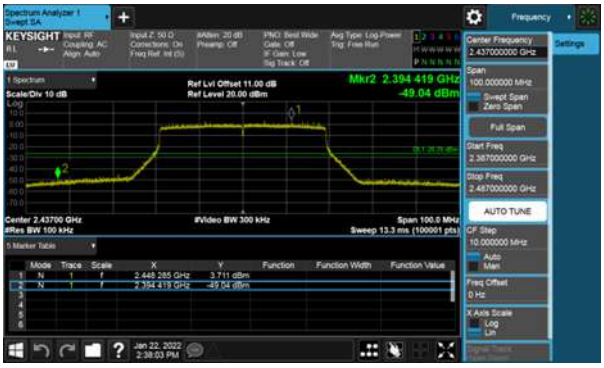
Modulation Type: 802.11ax HE40, CH03



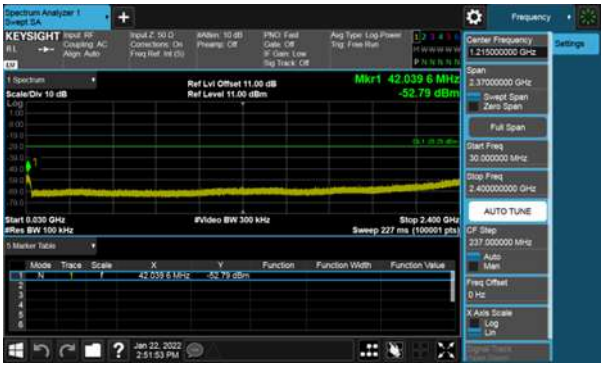
Modulation Type: 802.11ax HE40, CH06





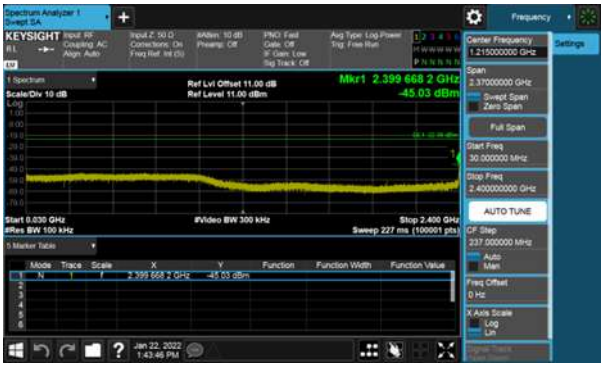


Non BeamForming
ANT C
Modulation Type: 802.11ax HE40, CH09

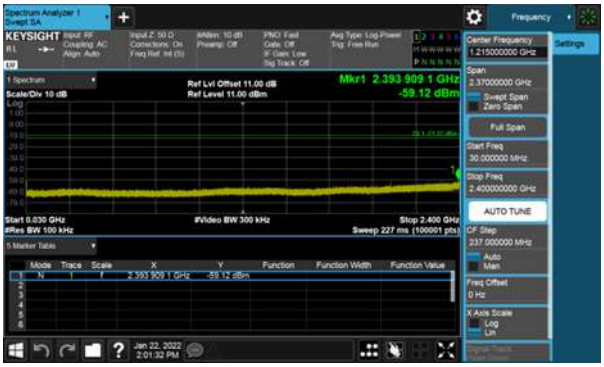


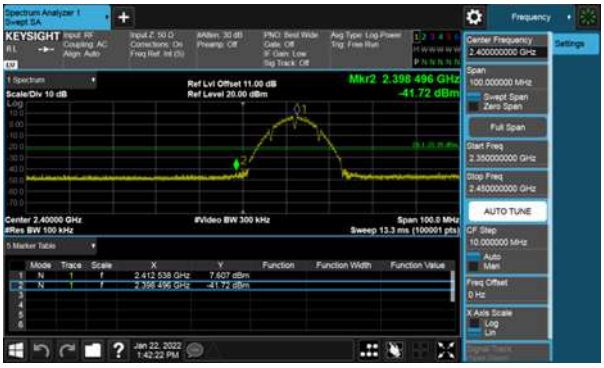
Non BeamForming
ANT D

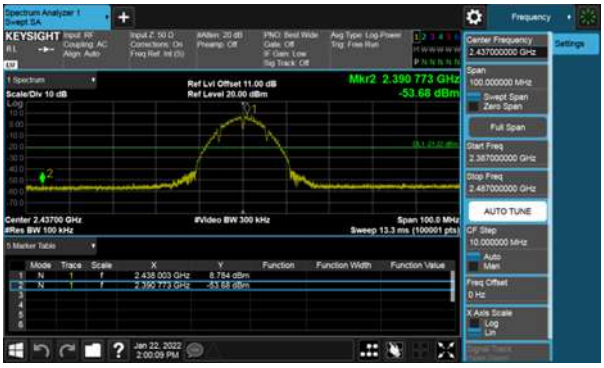
Modulation Type: 802.11b, CH 01



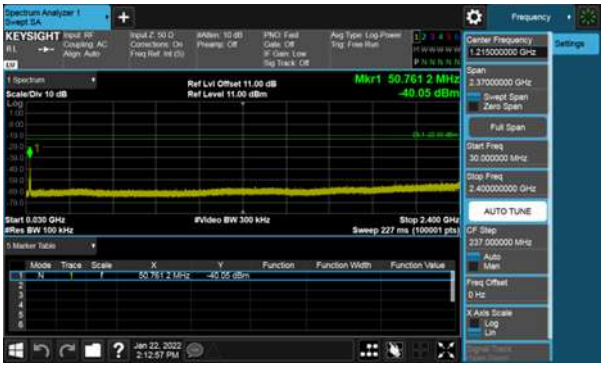
Modulation Type: 802.11b, CH 06





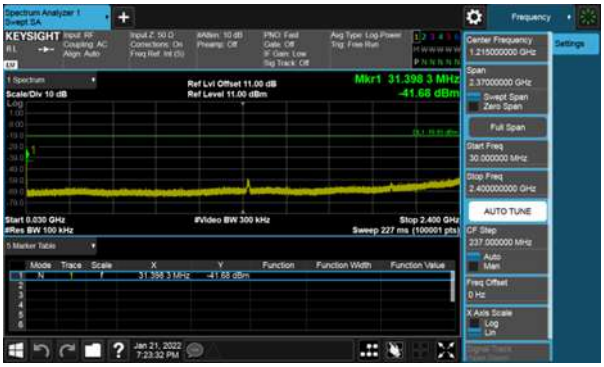


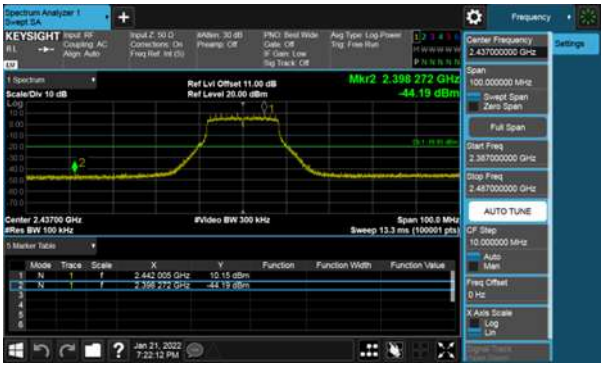
Non BeamForming
ANT D
Modulation Type: 802.11b, CH 11



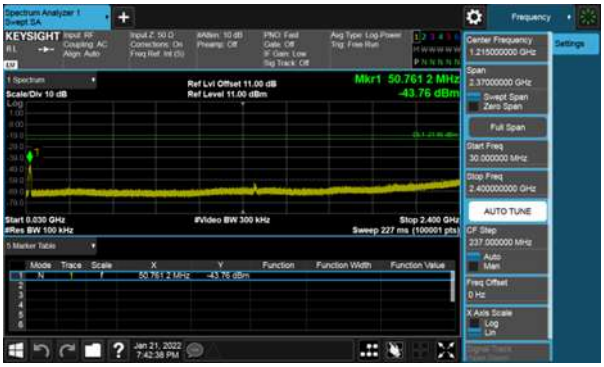
Non BeamForming
ANT D
Modulation Type: 802.11g, CH 01

Modulation Type: 802.11g, CH 06





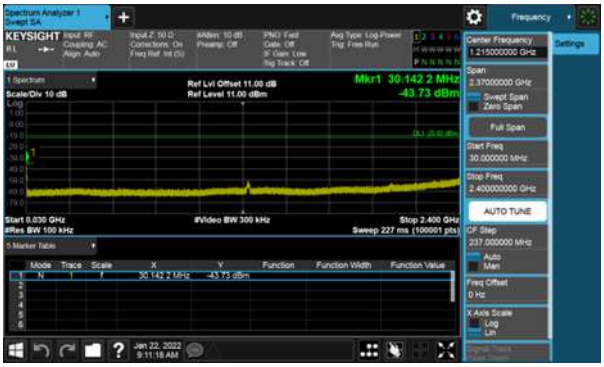
Non BeamForming
ANT D
Modulation Type: 802.11g, CH 11

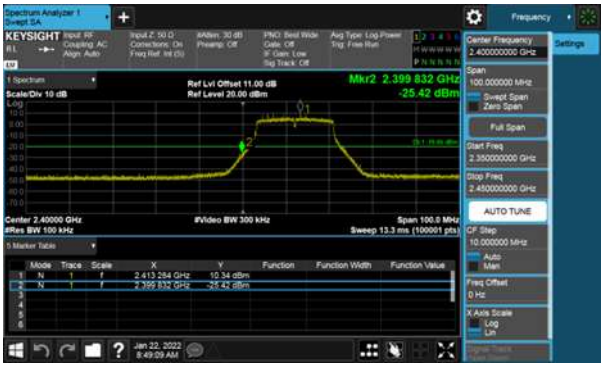


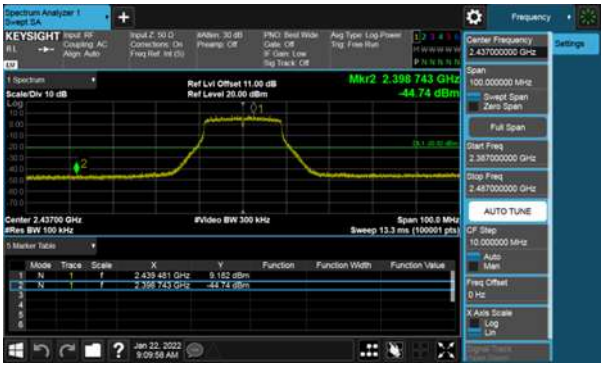
Non BeamForming
ANT D

Modulation Type: 802.11n HT20, CH01

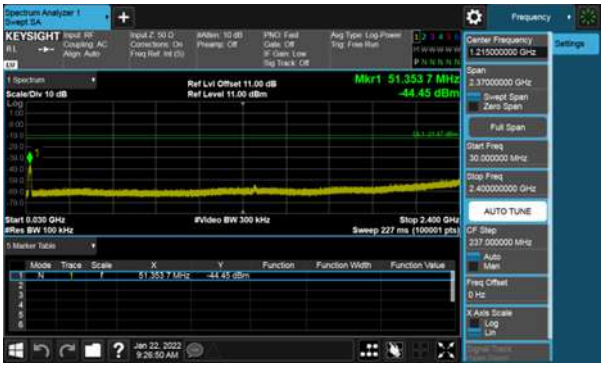
Modulation Type: 802.11n HT20, CH06





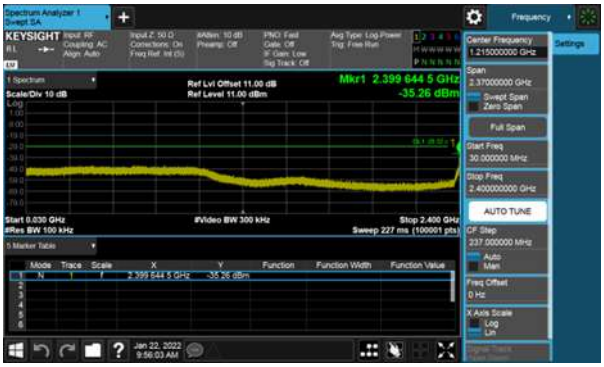


Non BeamForming
ANT D
Modulation Type: 802.11n HT20, CH11

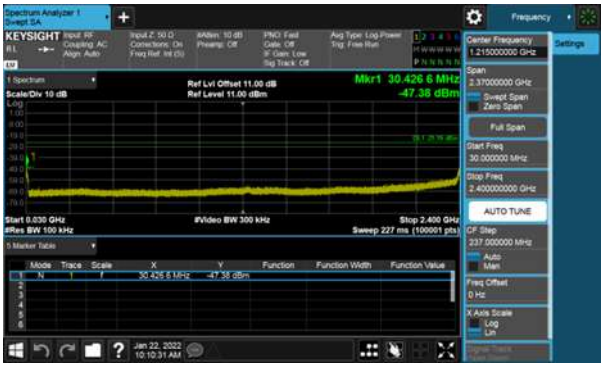


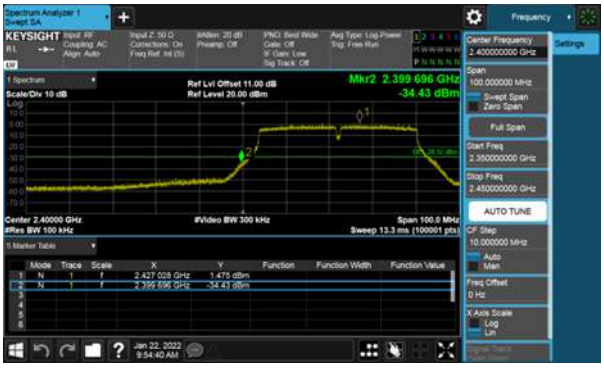
Non BeamForming
ANT D

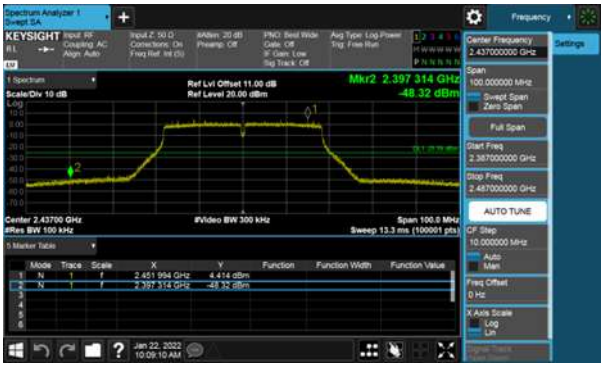
Modulation Type: 802.11n HT40, CH03



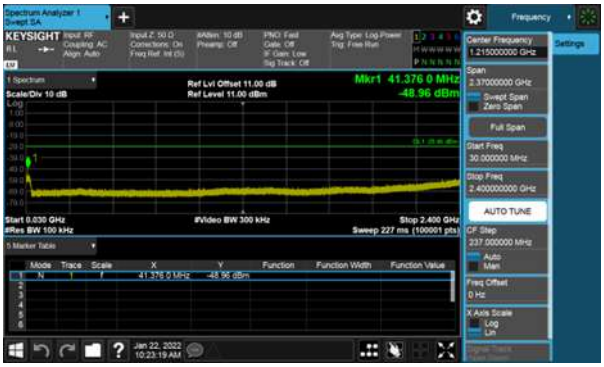
Modulation Type: 802.11n HT40, CH06







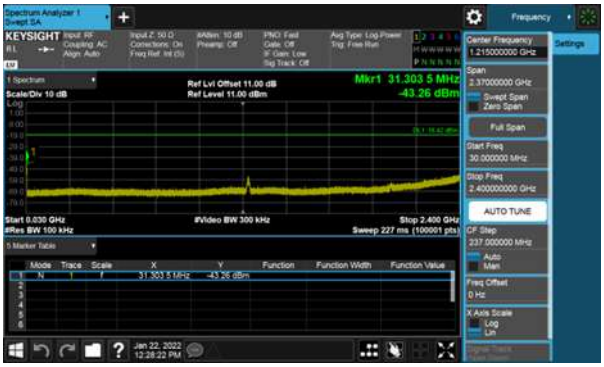
Non BeamForming
ANT D
Modulation Type: 802.11n HT40, CH09

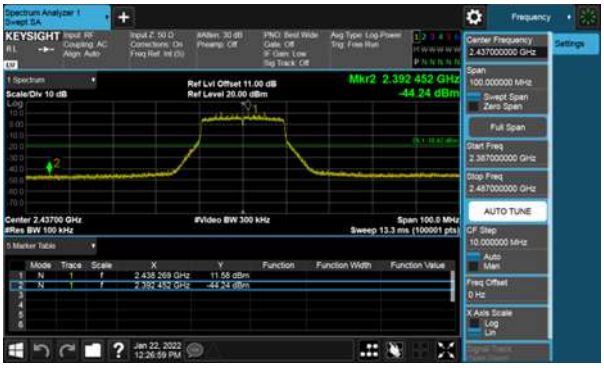


Non BeamForming
ANT D

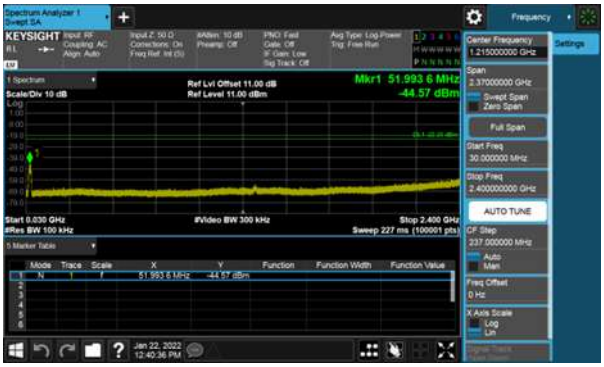
Modulation Type: 802.11ax HE20, CH01

Modulation Type: 802.11ax HE20, CH06



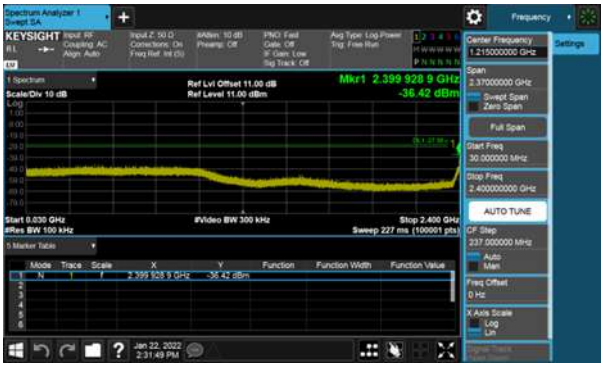


Non BeamForming
ANT D
Modulation Type: 802.11ax HE20, CH11

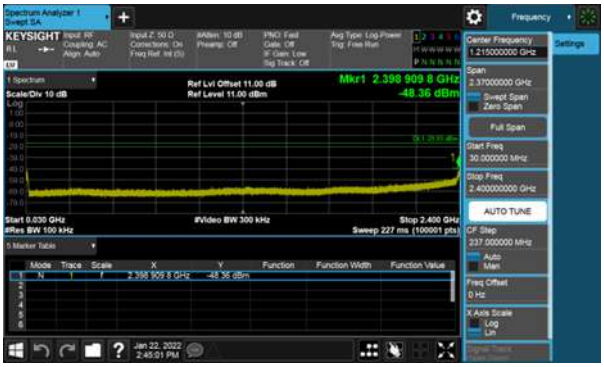


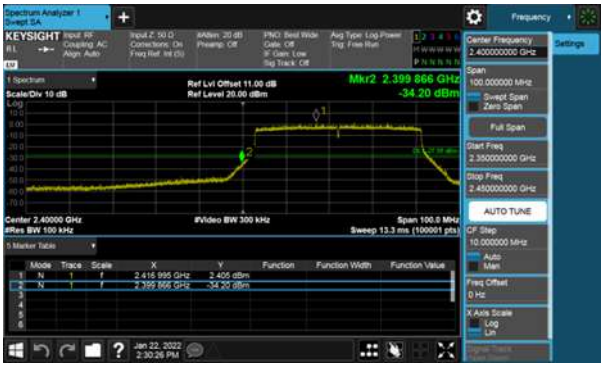
Non BeamForming
ANT D

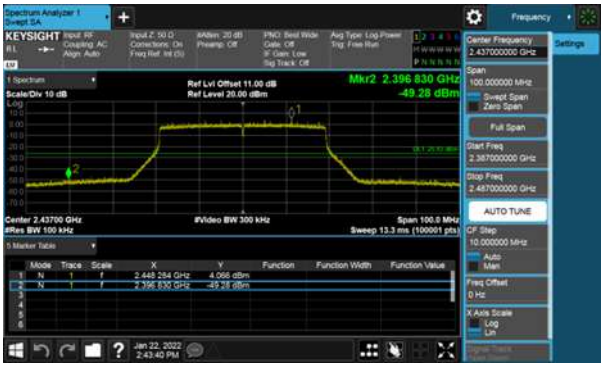
Modulation Type: 802.11ax HE40, CH03



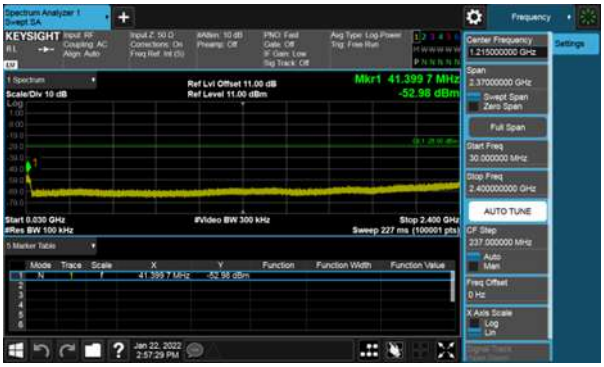
Modulation Type: 802.11ax HE40, CH06





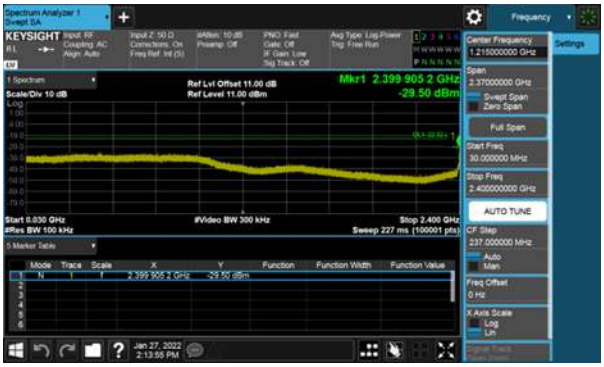


Non BeamForming
ANT D
Modulation Type: 802.11ax HE40, CH09

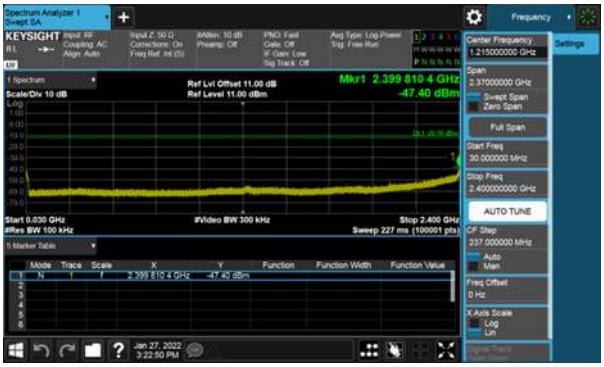


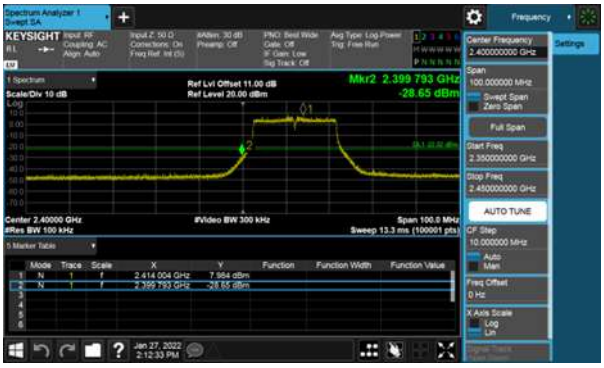
BeamForming
ANT C

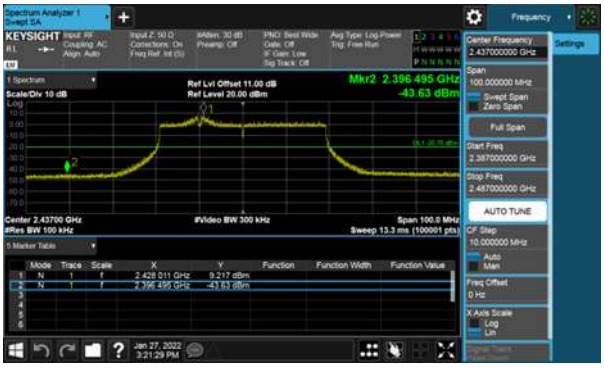
Modulation Type: 802.11ax HE20, CH01



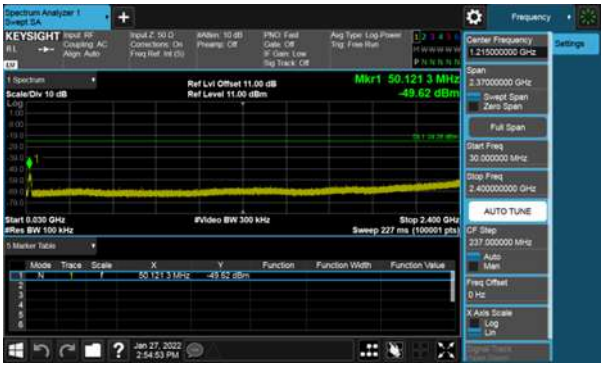
Modulation Type: 802.11ax HE20, CH06







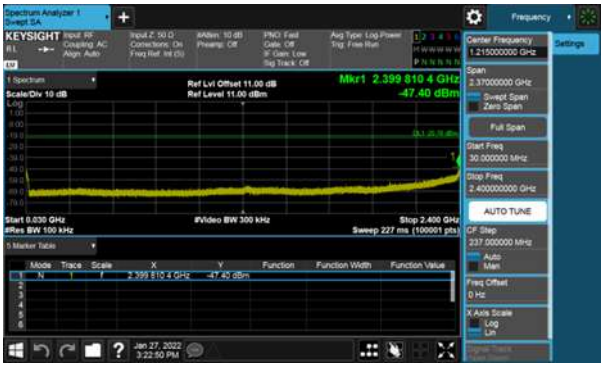
BeamForming
ANT C
Modulation Type: 802.11ax HE20, CH11

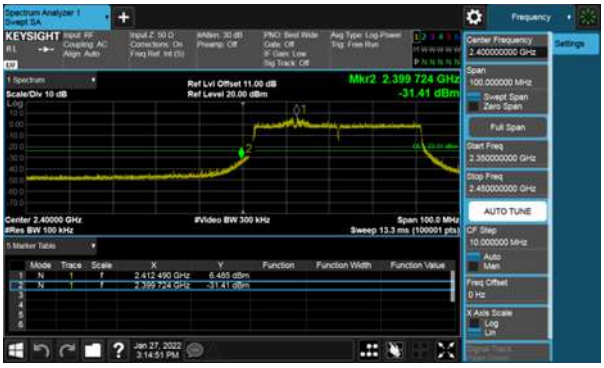


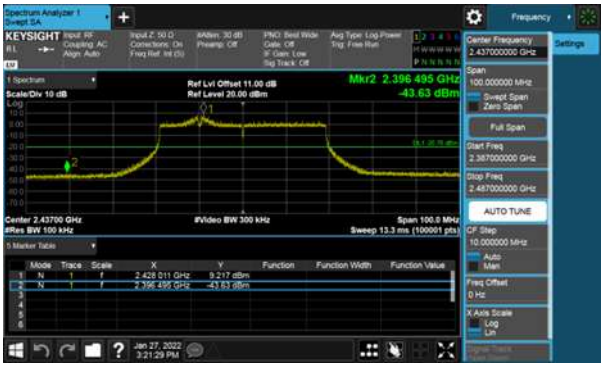
BeamForming
ANT C

Modulation Type: 802.11ax HE40, CH03

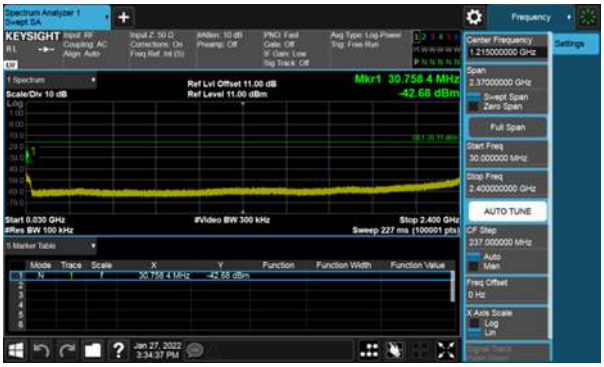
Modulation Type: 802.11ax HE40, CH06

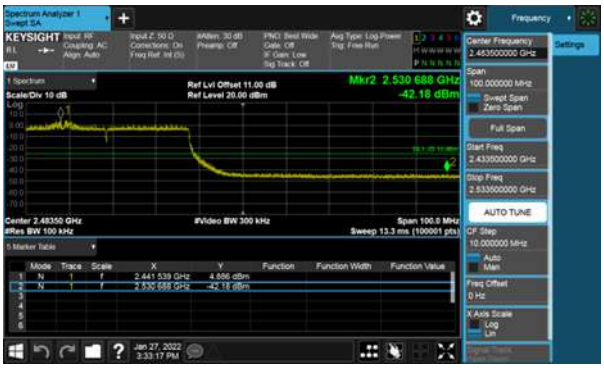






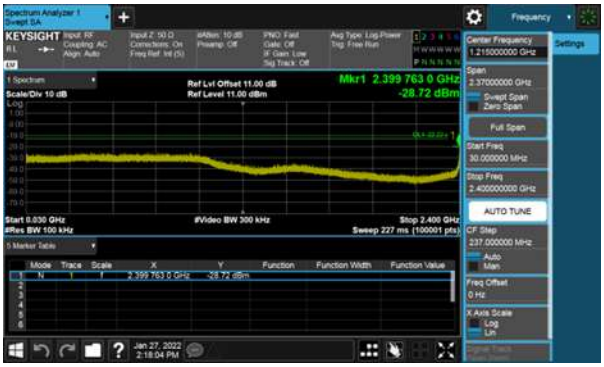
BeamForming
ANT C
Modulation Type: 802.11ax HE40, CH09



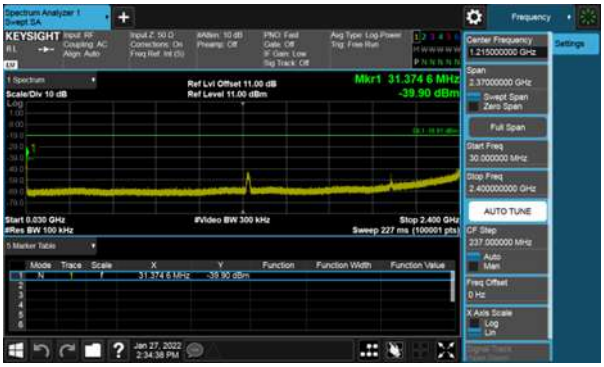


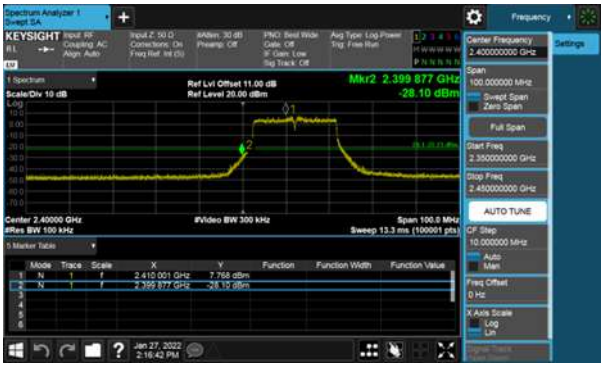
BeamForming
ANT D

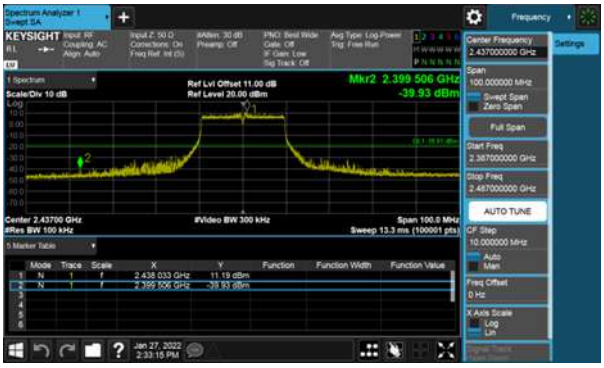
Modulation Type: 802.11ax HE20, CH01



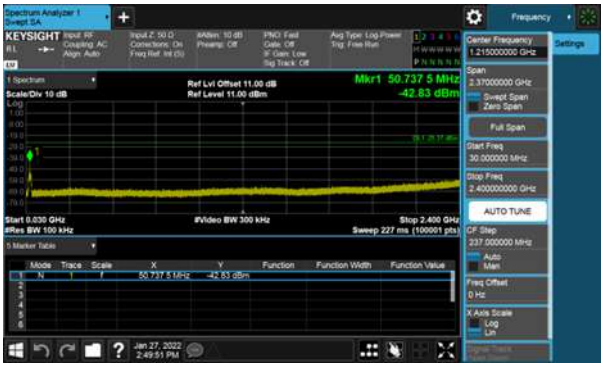
Modulation Type: 802.11ax HE20, CH06

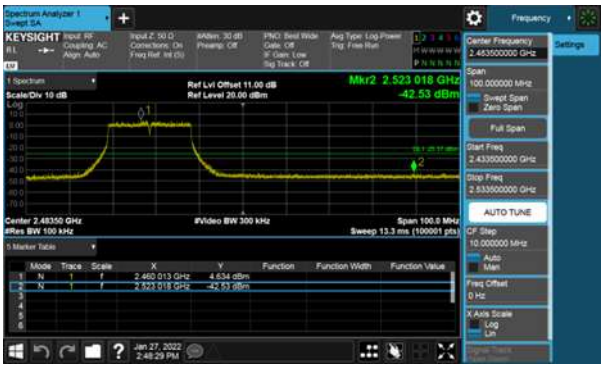






BeamForming
ANT D
Modulation Type: 802.11ax HE20, CH11

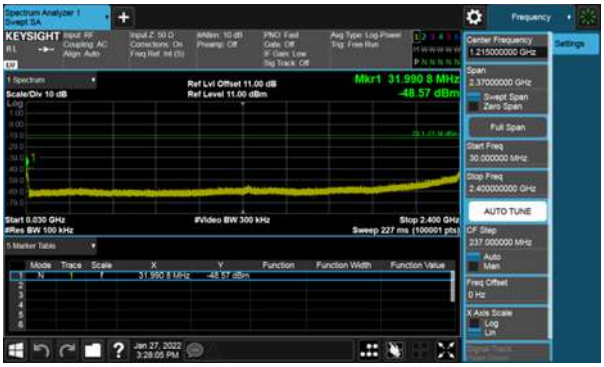




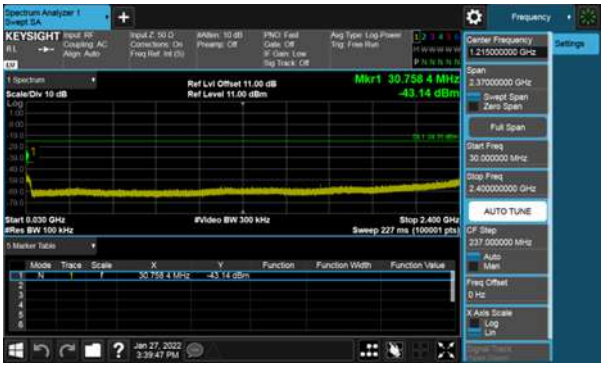
BeamForming
ANT D

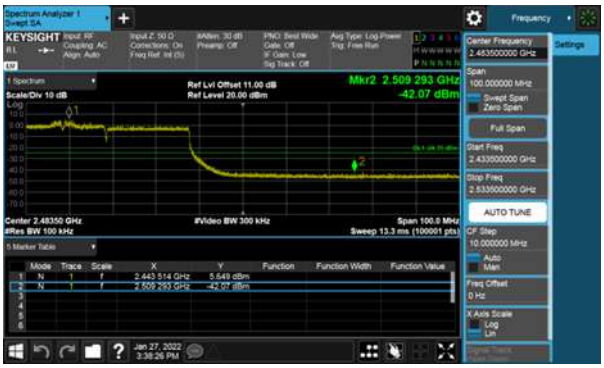
Modulation Type: 802.11ax HE40, CH03

Modulation Type: 802.11ax HE40, CH06



BeamForming
ANT D
Modulation Type: 802.11ax HE40, CH09





8. On Time, Duty Cycle and Measurement methods

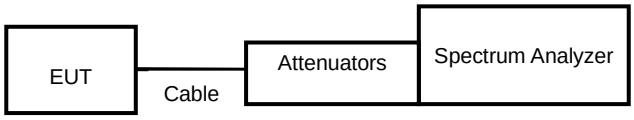
8.1 Test Limit

None; for reporting purposes only.

8.2 Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 11.6 Zero-Span Spectrum Analyzer Method.

8.3 Test Setup Layout



8.4 Test Result and Data

Non BeamForming			
Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)
11b,1M	1.30	2.12	60.99%
11g,6M	1.43	1.58	90.70%
11n HT20	5.44	5.92	91.89%
11n HT40	5.42	5.70	95.09%
11ax HE20	5.44	6.26	86.90%
11ax HE40	5.44	5.70	95.44%

BeamForming			
Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)
11ax HE20	1.96	2.10	93.48%
11ax HE40	1.98	2.05	96.39%

Non BeamForming

Modulation Type: 802.11b(1Mbps)

Modulation Type: 802.11n HT40(13.5Mbps)

Modulation Type: 802.11g(6Mbps)

Modulation Type: 802.11ax HE20(7.3Mbps)

Modulation Type: 802.11n HT20(6.5Mbps)

Modulation Type: 802.11ax HE40(14.6Mbps)

BeamForming
Modulation Type: 802.11ax HE20(7.3Mbps)

Modulation Type: 802.11ax HE40(14.6Mbps)

9. 6dB Bandwidth Measurement Data

9.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

9.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 11.8

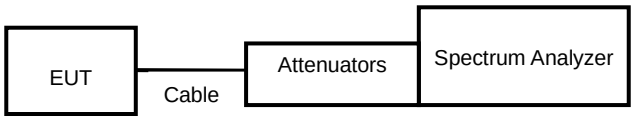
a. The transmitter output was connected to the spectrum analyzer.

b. Set RBW of spectrum analyzer to 100 KHz and VBW to 300 KHz.

c. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

d. The 6dB Bandwidth was measured and recorded.

9.3 Test Setup Layout



9.4 Test Result and Data

Non BeamForming					
Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)
			ANT C	ANT D	
11b	1	2412	8.01	7.56	0.5
	6	2437	8.04	8.04	0.5
	11	2462	7.56	8.04	0.5
11g	1	2412	15.72	15.78	0.5
	6	2437	15.60	15.33	0.5
	11	2462	15.48	15.33	0.5
11n HT20	1	2412	16.53	16.05	0.5
	6	2437	16.62	16.77	0.5
	11	2462	16.53	16.02	0.5
11n HT40	3	2422	36.06	35.64	0.5
	6	2437	36.30	35.46	0.5
	9	2452	35.52	35.34	0.5
11ax HE20	1	2412	18.06	17.94	0.5
	6	2437	18.09	18.33	0.5
	11	2462	17.28	18.24	0.5
11ax HE40	3	2422	37.80	37.68	0.5
	6	2437	37.74	37.68	0.5
	9	2452	37.74	37.68	0.5

BeamForming					
Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)
			ANT C	ANT D	
11ax HE20	1	2412	18.81	19.02	0.5
	6	2437	18.93	19.02	0.5
	11	2462	18.81	18.93	0.5
11ax HE40	3	2422	35.46	35.04	0.5
	6	2437	33.48	35.58	0.5
	9	2452	35.04	36.60	0.5

Non BeamForming
ANT C

Modulation Type: 802.11b
CH01

CH06

CH11

Modulation Type: 802.11g
CH01

CH06

CH11

Non BeamForming
ANT C
Modulation Type: 802.11n HT20
CH01

Modulation Type: 802.11n HT40
CH03

CH06

CH06

CH11

CH09

Non BeamForming
ANT C

Modulation Type: 802.11ax HE20
CH01

Modulation Type: 802.11ax HE40
CH03

CH06

CH06

CH11

CH09

Non BeamForming
ANT D
Modulation Type: 802.11b
CH01

Modulation Type: 802.11g
CH01

CH06

CH06

CH11

CH11

Non BeamForming
ANT D
Modulation Type: 802.11n HT20
CH01

Modulation Type: 802.11n HT40
CH03

CH06

CH06

CH11

CH09

Non BeamForming
ANT D
Modulation Type: 802.11ax HE20
CH01

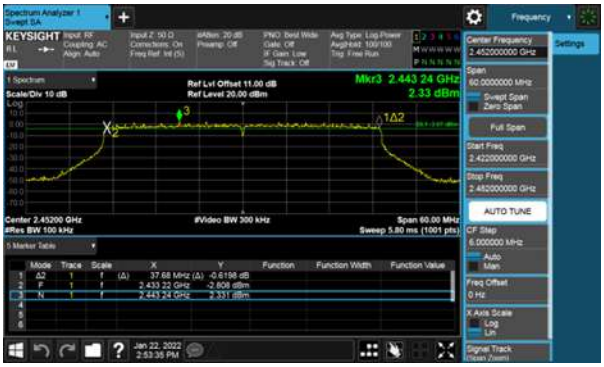
Modulation Type: 802.11ax HE40
CH03

CH06

CH06

CH11

CH09



BeamForming
ANT C
Modulation Type: 802.11ax HE20
CH01

Modulation Type: 802.11ax HE40
CH03

CH06

CH06

CH11

CH09

BeamForming
ANT D
Modulation Type: 802.11ax HE20
CH01

Modulation Type: 802.11ax HE40
CH03

CH06

CH06

CH11

CH09

10. Maximum Average Output Power

10.1 Test Limit

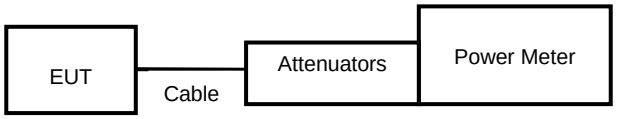
The Maximum Average Output Power Measurement is 30dBm.
If transmitting antennas of directional gain greater than 6 dBi are used, the average output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

10.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 11.9.2.3.2

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

10.3 Test Setup Layout



10.4 Test Result and Data

Non Beamforming

Modulation Type	Channel	Frequency (MHz)	Avg. Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT C	ANT D			
11b	1	2412	16.79	16.59	19.70	93.357	28.59
	6	2437	16.31	16.31	19.32	85.513	28.59
	11	2462	16.02	16.31	19.18	82.751	28.59
11g	1	2412	19.37	19.08	22.24	167.406	28.59
	6	2437	20.23	19.97	23.11	204.750	28.59
	11	2462	18.02	18.33	21.19	131.464	28.59
11n HT20	1	2412	19.96	19.65	22.82	191.340	28.59
	6	2437	19.61	19.77	22.70	186.253	28.59
	11	2462	18.25	18.49	21.38	137.466	28.59
11n HT40	3	2422	15.36	15.31	18.35	68.318	28.59
	6	2437	17.97	18.18	21.09	128.427	28.59
	9	2452	15.99	15.79	18.90	77.651	28.59
11ac VHT20	1	2412	17.43	17.25	20.35	108.423	28.59
	6	2437	20.27	20.32	23.31	214.061	28.59
	11	2462	16.98	16.93	19.97	99.206	28.59
11ac VHT40	3	2422	15.29	15.37	18.34	68.241	28.59
	6	2437	16.93	16.90	19.93	98.295	28.59
	9	2452	15.37	15.42	18.41	69.269	28.59
11ax HE20	1	2412	17.72	17.74	20.74	118.585	28.59
	6	2437	20.59	20.61	23.61	229.631	28.59
	11	2462	17.19	17.25	20.23	105.448	28.59
11ax HE40	3	2422	15.59	15.82	18.72	74.419	28.59
	6	2437	17.29	17.19	20.25	105.940	28.59
	9	2452	15.73	15.82	18.79	75.605	28.59

Beamforming

Modulation Type	Channel	Frequency (MHz)	Avg. Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT C	ANT D			
11ax HE20	1	2412	18.53	18.28	21.42	138.583	25.59
	6	2437	21.58	21.52	24.56	285.786	25.59
	11	2462	16.48	16.37	19.44	87.814	25.59
11ax HE40	3	2422	16.52	16.39	19.47	88.426	25.59
	6	2437	17.47	17.33	20.41	109.922	25.59
	9	2452	16.12	16.08	19.11	81.477	25.59

11. Power Spectral Density

11.1 Test Limit

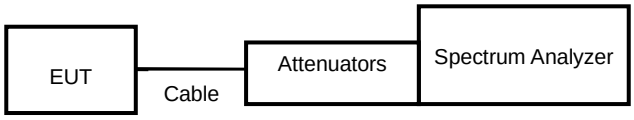
The Maximum of Power Spectral Density Measurement is 8dBm.

If transmitting antennas of directional gain greater than 6 dBi are used, the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

11.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 11.10

11.3 Test Setup Layout



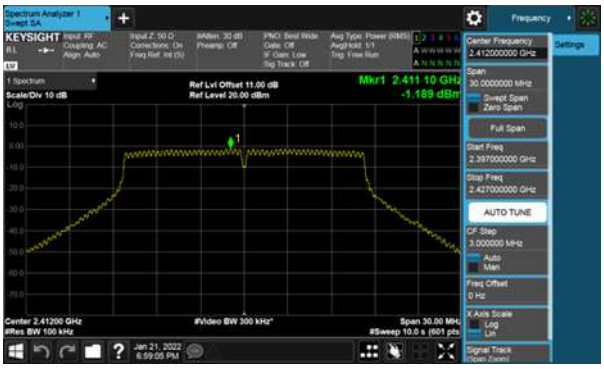
11.4 Test Result and Data

Non BeamForming								
Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 100KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT C	ANT D				
11b	1	2412	-1.706	-1.748	1.28	2.15	3.43	3.59
	6	2437	-2.199	-1.934	0.95	2.15	3.10	3.59
	11	2462	-2.196	-1.91	0.96	2.15	3.11	3.59
11g	1	2412	-1.189	-1.104	1.86	0.42	2.28	3.59
	6	2437	-0.137	-0.02	2.93	0.42	3.35	3.59
	11	2462	-2.36	-2.005	0.83	0.42	1.25	3.59
11n HT20	1	2412	-0.957	-1.153	1.96	0.37	2.33	3.59
	6	2437	-0.745	-0.487	2.40	0.37	2.77	3.59
	11	2462	-1.98	-2.314	0.87	0.37	1.24	3.59
11n HT40	3	2422	-8.142	-8.192	-5.16	0.22	-4.94	3.59
	6	2437	-5.852	-5.526	-2.68	0.22	-2.46	3.59
	9	2452	-7.951	-7.899	-4.91	0.22	-4.69	3.59
11ax HE20	1	2412	-4.561	-4.527	-1.53	0.61	-0.92	3.59
	6	2437	-1.082	-0.959	1.99	0.61	2.60	3.59
	11	2462	-3.818	-3.555	-0.67	0.61	-0.06	3.59
11ax HE40	3	2422	-9.305	-9.028	-6.15	0.20	-5.95	3.59
	6	2437	-7.685	-7.46	-4.56	0.20	-4.36	3.59
	9	2452	-9.357	-9.338	-6.34	0.20	-6.14	3.59

BeamForming								
Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 100KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT C	ANT D				
11ax HE20	1	2412	-3.065	-3.064	-0.05	0.29	0.24	3.59
	6	2437	0.03	0.105	3.08	0.29	3.37	3.59
	11	2462	-6.055	-6.081	-3.06	0.29	-2.77	3.59
11ax HE40	3	2422	-6.588	-6.377	-3.47	0.16	-3.31	3.59
	6	2437	-5.637	-5.544	-2.58	0.16	-2.42	3.59
	9	2452	-7.508	-7.4	-4.44	0.16	-4.28	3.59

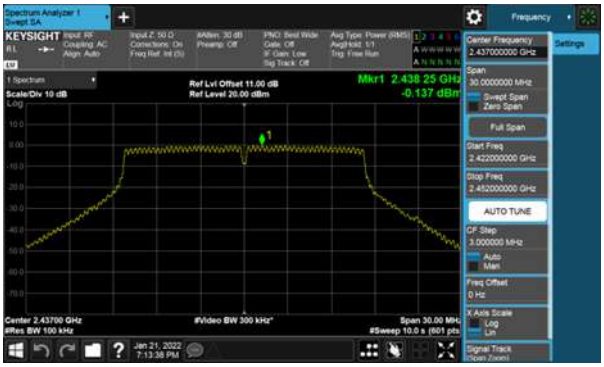
Non BeamForming
ANT C
Modulation Type: 802.11b
CH01

Modulation Type: 802.11g
CH01



CH06

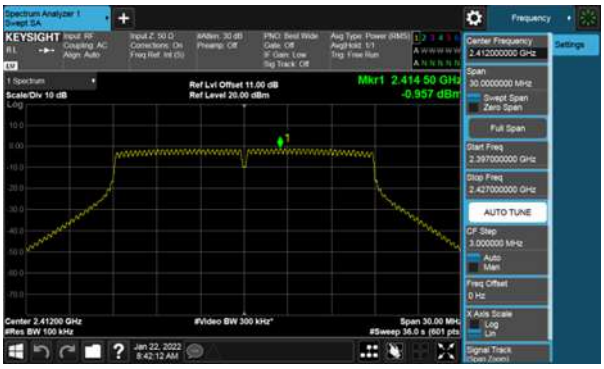
CH06



CH11

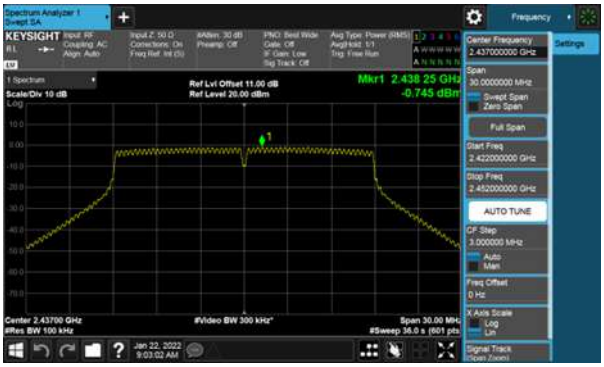
CH11

Non BeamForming
ANT C
Modulation Type: 802.11n HT20
CH01

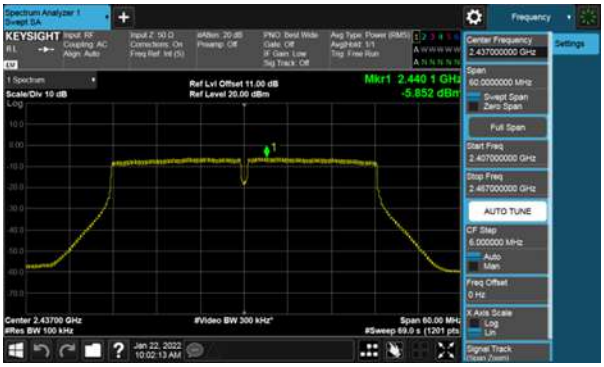


Modulation Type: 802.11n HT40
CH03

CH06



CH06



CH11

CH09

Non BeamForming
ANT C
Modulation Type: 802.11ax HE20
CH01

Modulation Type: 802.11ax HE40
CH03

CH06

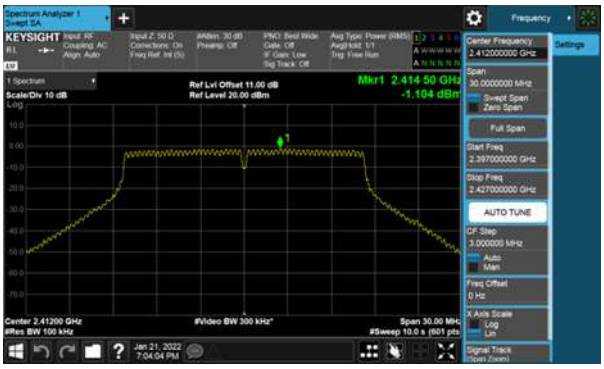
CH06

CH11

CH09

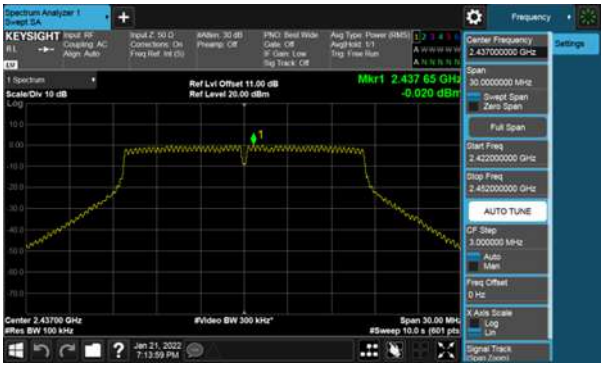
Non BeamForming
ANT D
Modulation Type: 802.11b
CH01

Modulation Type: 802.11g
CH01



CH06

CH06



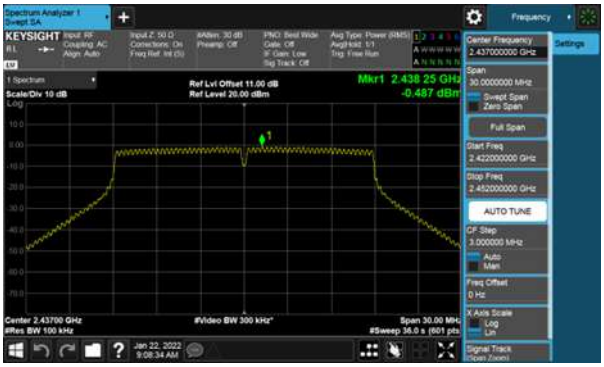
CH11

CH11

Non BeamForming
ANT D
Modulation Type: 802.11n HT20
CH01

Modulation Type: 802.11n HT40
CH03

CH06



CH06

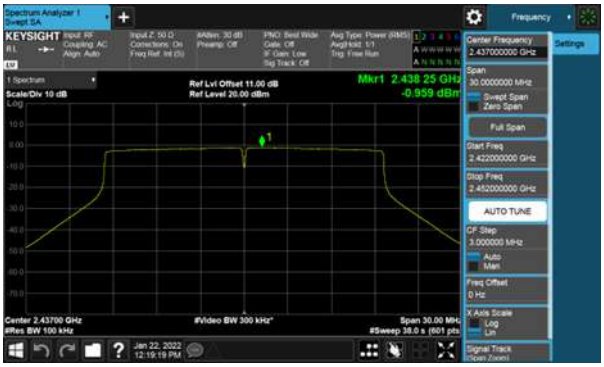
CH11

CH09

Non BeamForming
ANT D
Modulation Type: 802.11ax HE20
CH01

Modulation Type: 802.11ax HE40
CH03

CH06



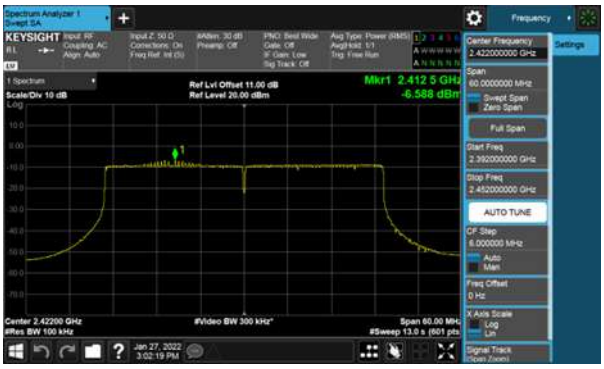
CH06

CH11

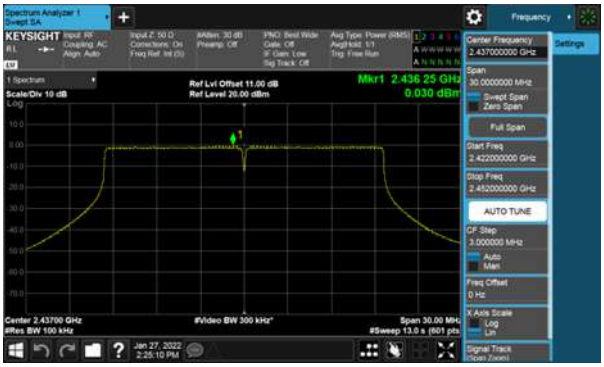
CH09

BeamForming
ANT C
Modulation Type: 802.11ax HE20
CH01

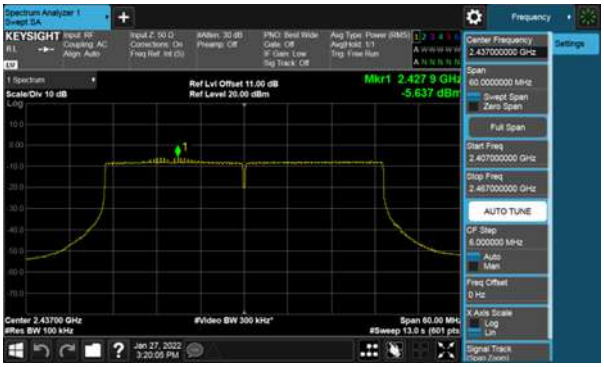
Modulation Type: 802.11ax HE40
CH03



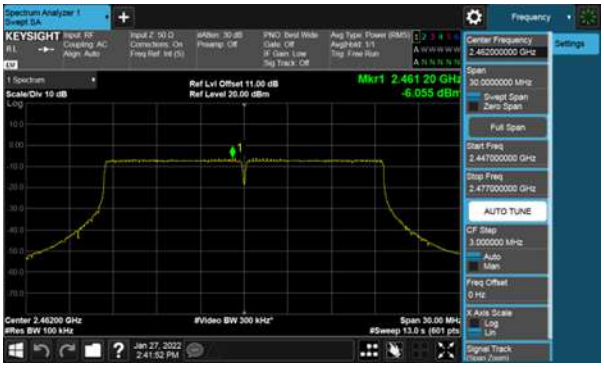
CH06



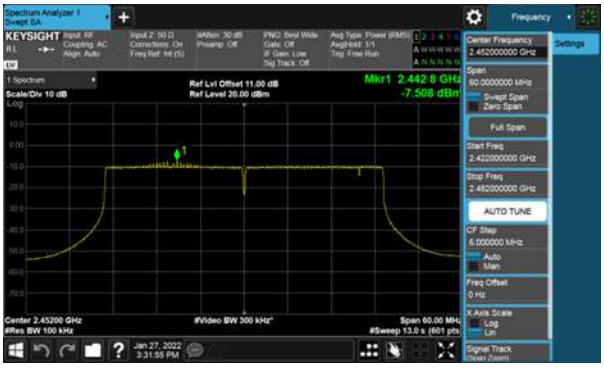
CH06



CH11

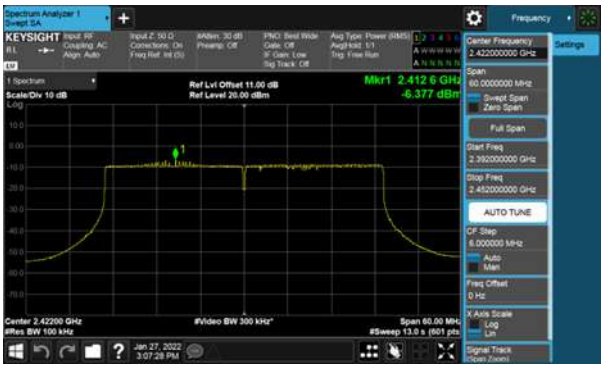


CH09

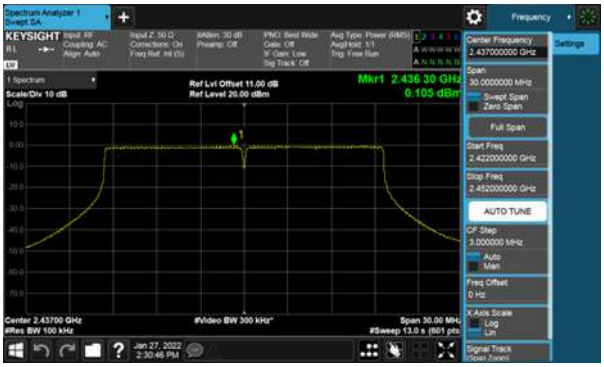


BeamForming
ANT D
Modulation Type: 802.11ax HE20
CH01

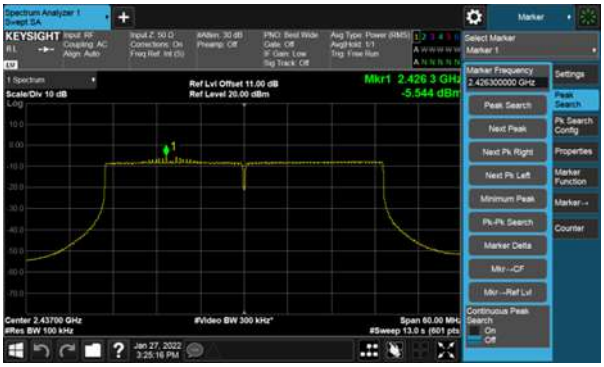
Modulation Type: 802.11ax HE40
CH03



CH06



CH06



CH11

CH09