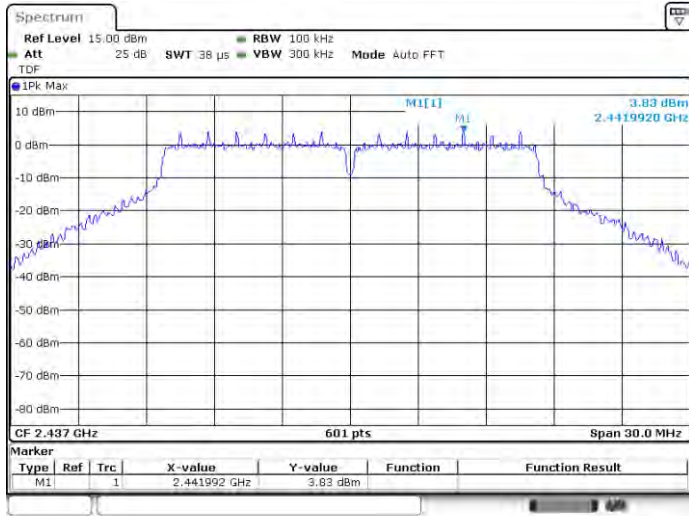
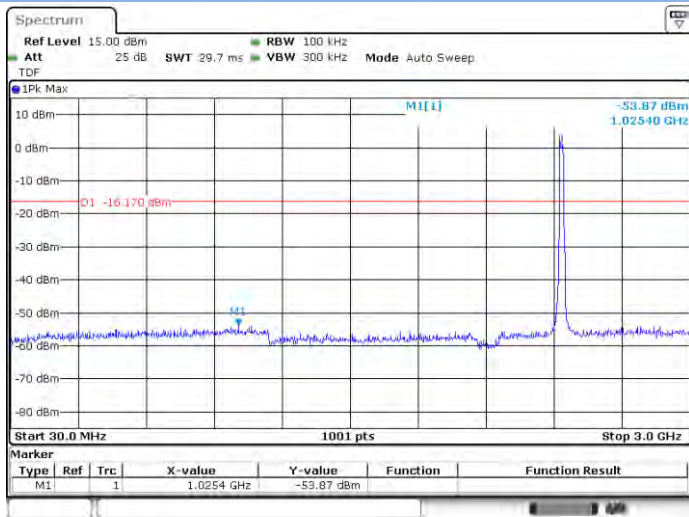


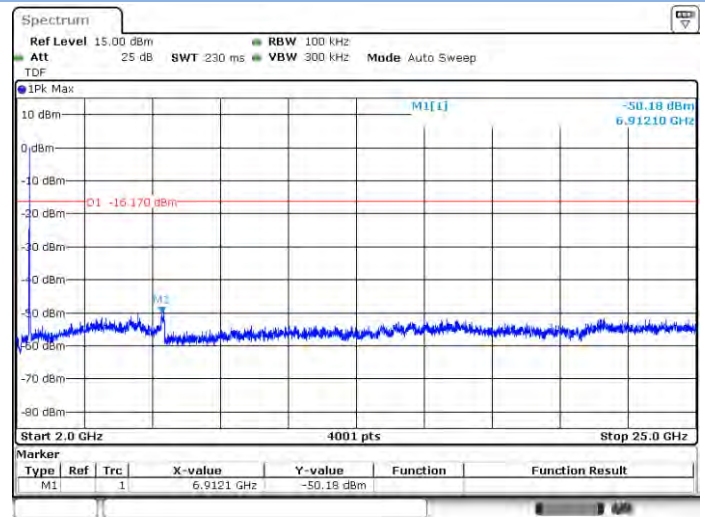
### 802.11g MIDDLE CHANNEL CARRIER LEVEL



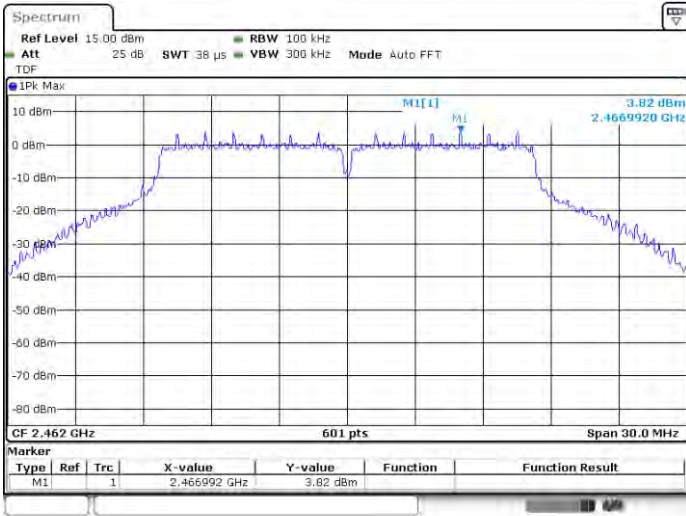
### 802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



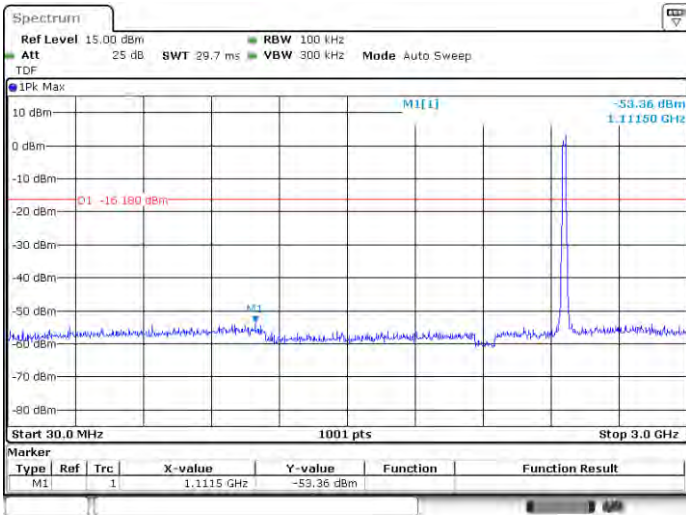
### 802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



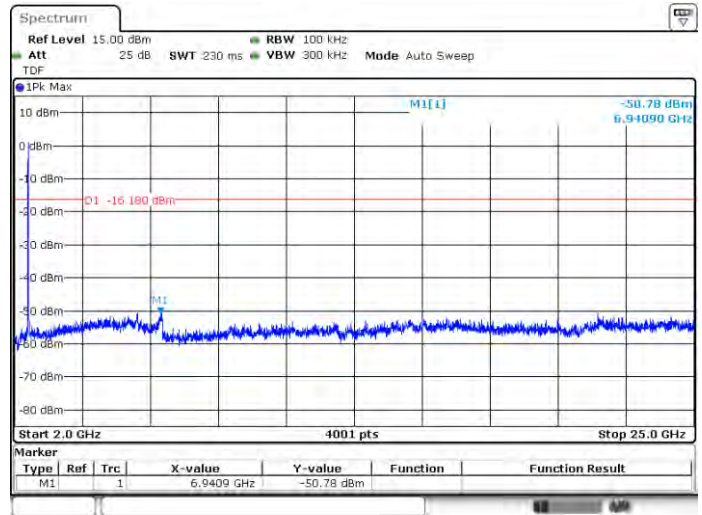
802.11g HIGH CHANNEL CARRIER LEVEL



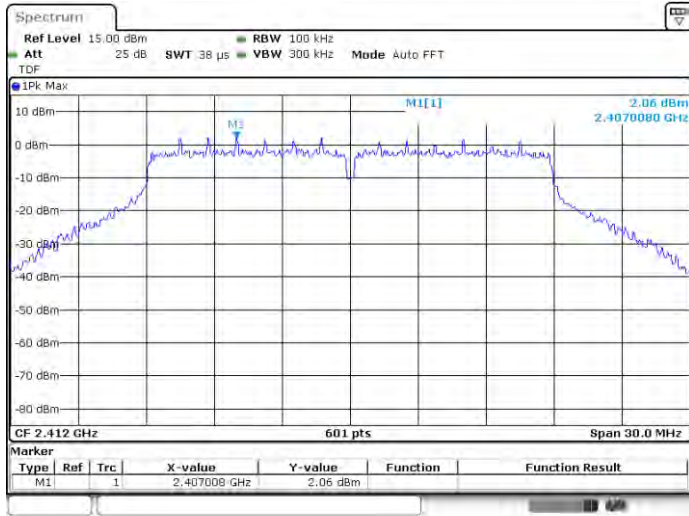
802.11g HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



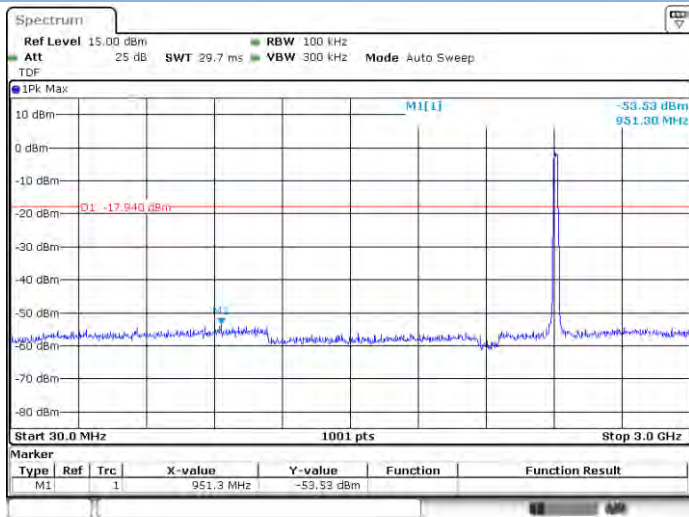
802.11g HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



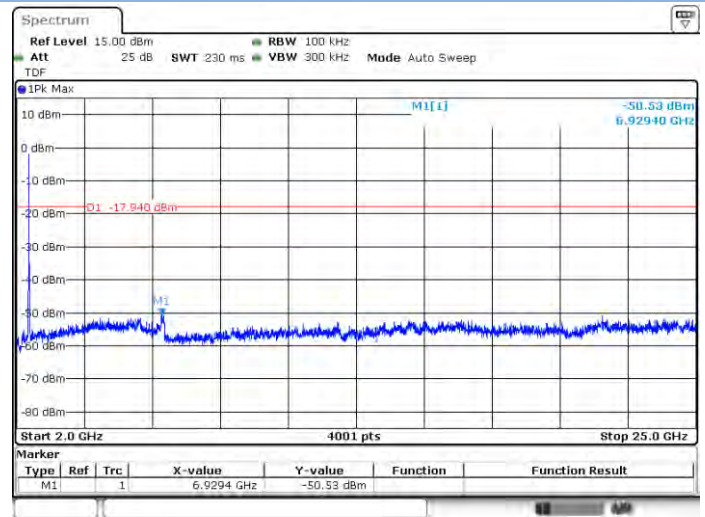
802.11n-20 LOW CHANNEL CARRIER LEVEL



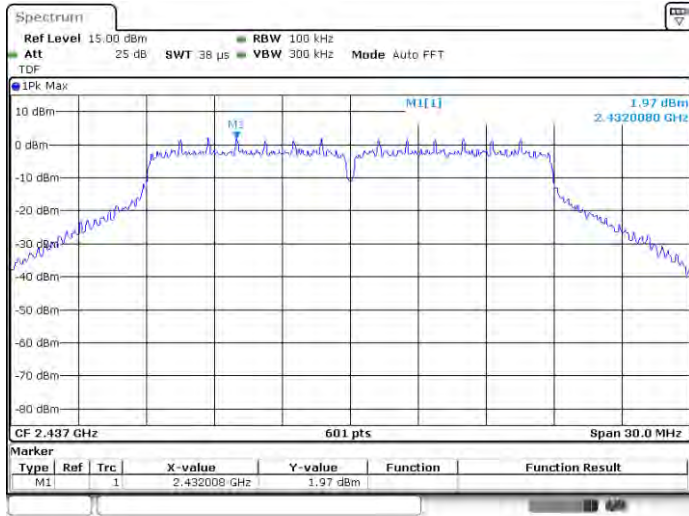
802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



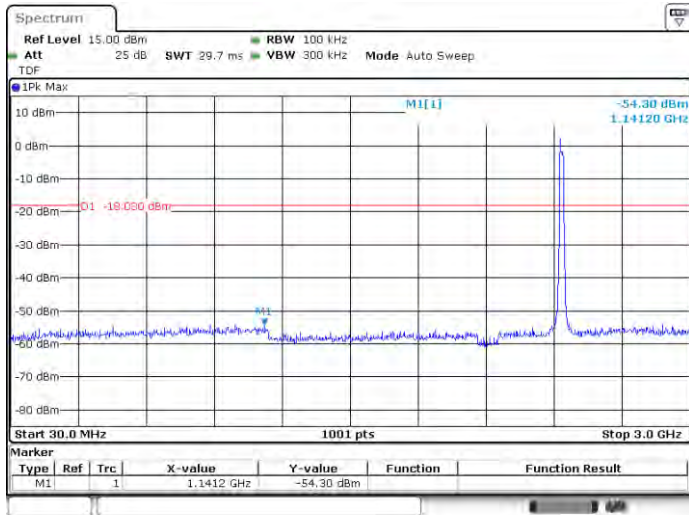
802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



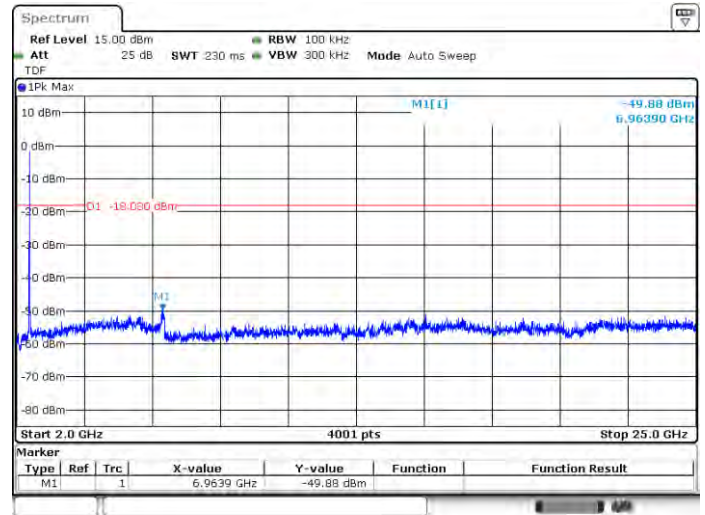
802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



802.11n-20 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

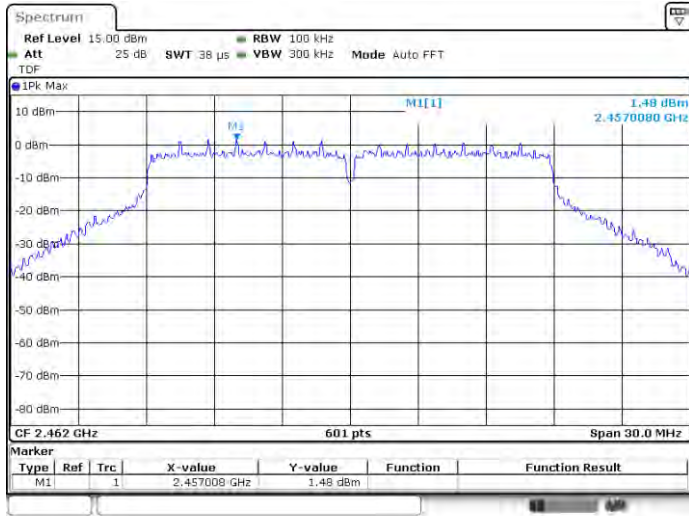


802.11n-20 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

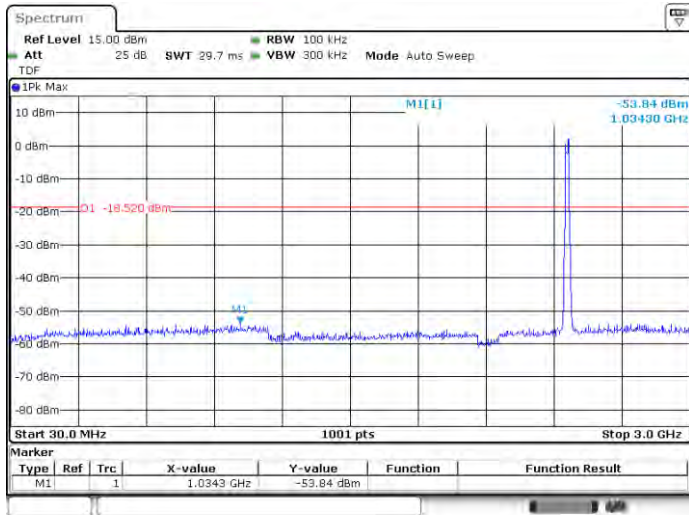




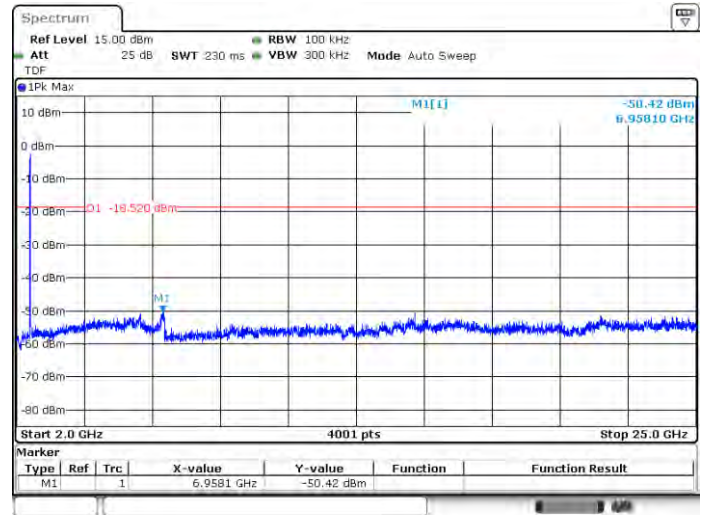
802.11n-20 HIGH CHANNEL CARRIER LEVEL



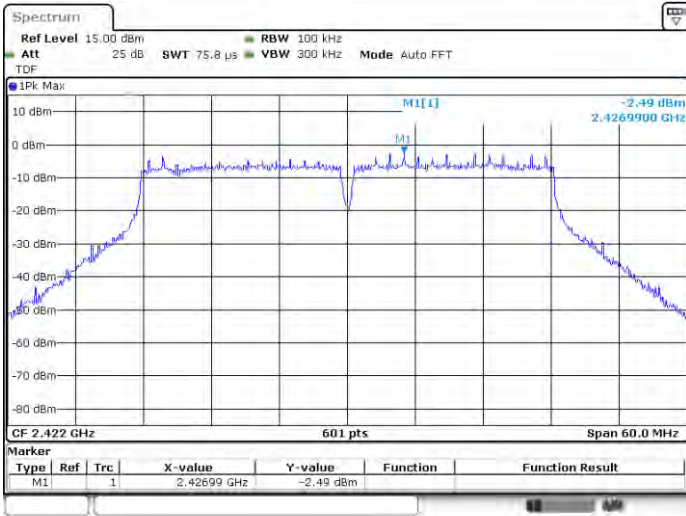
802.11n-20 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



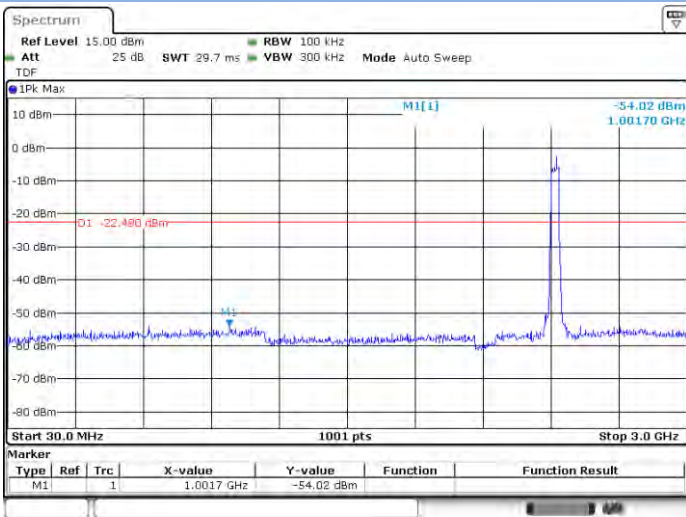
802.11n-20 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



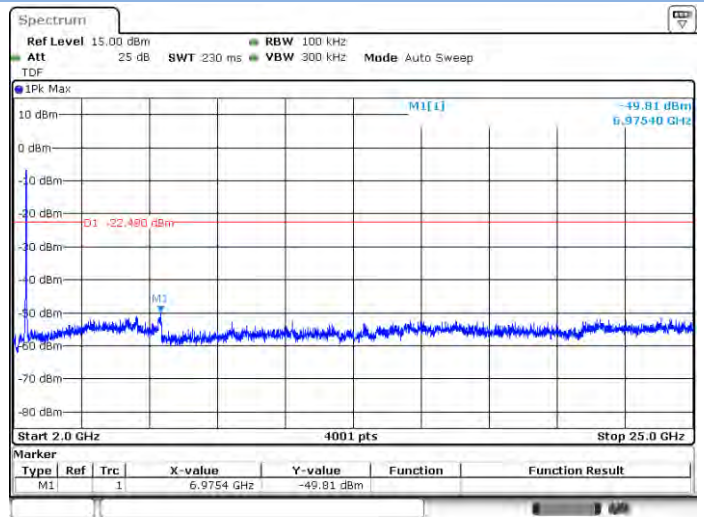
802.11n-40 LOW CHANNEL CARRIER LEVEL



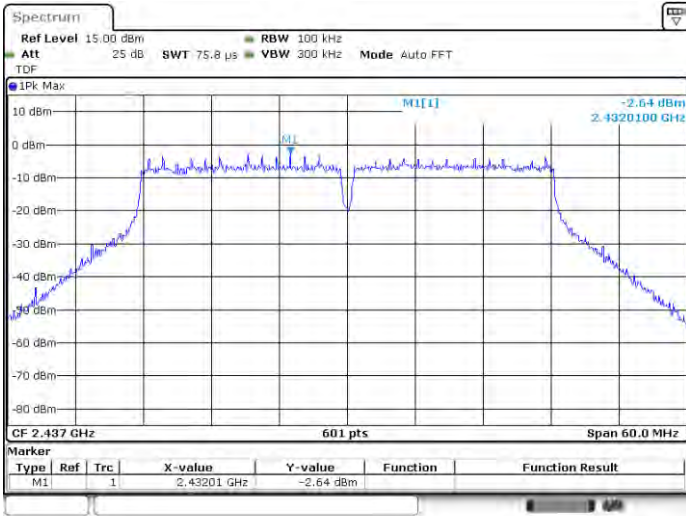
802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



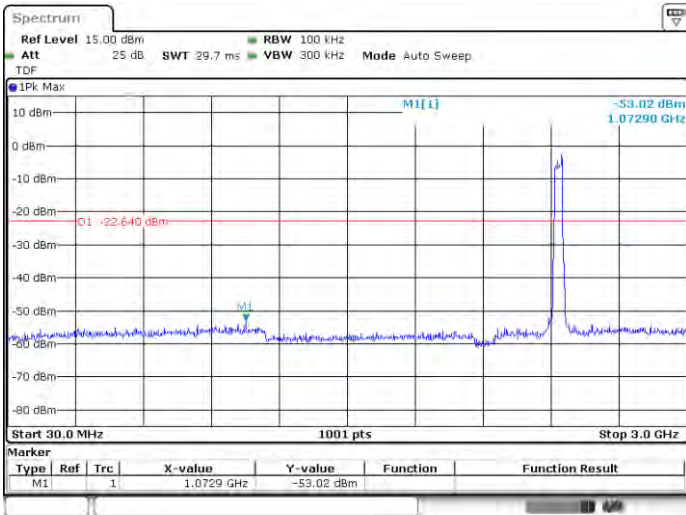
802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



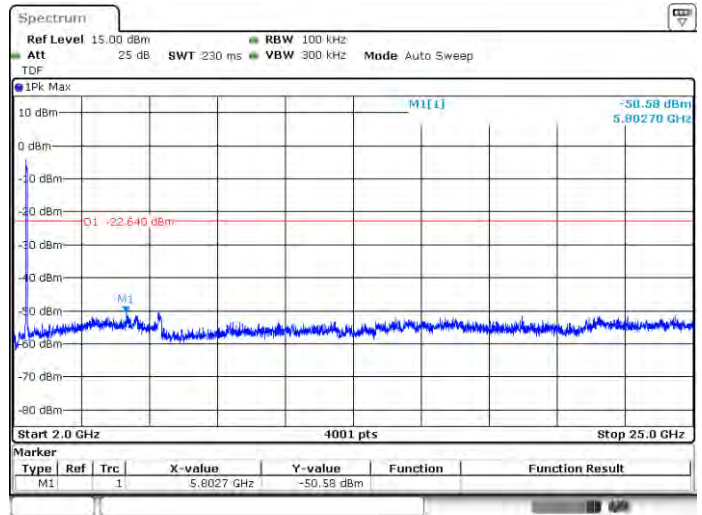
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



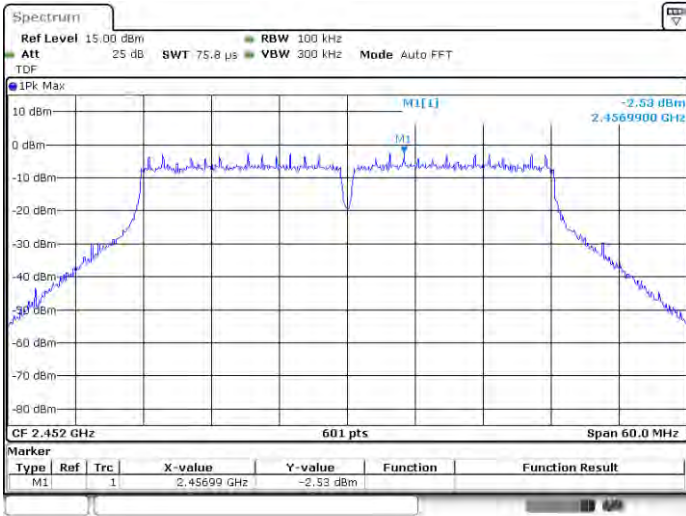
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



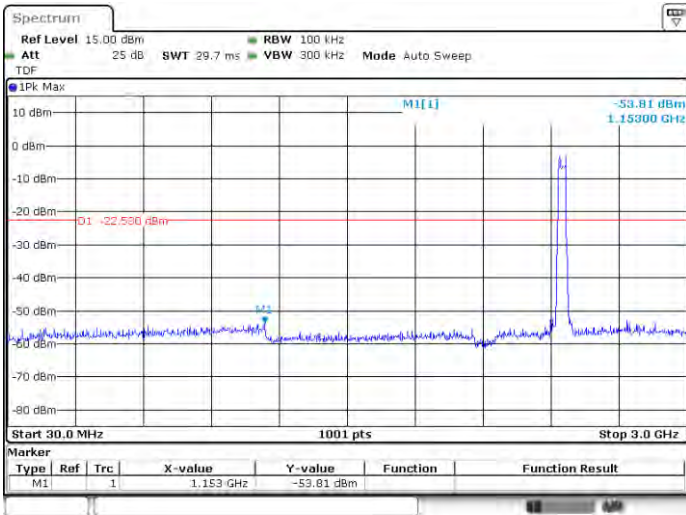
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



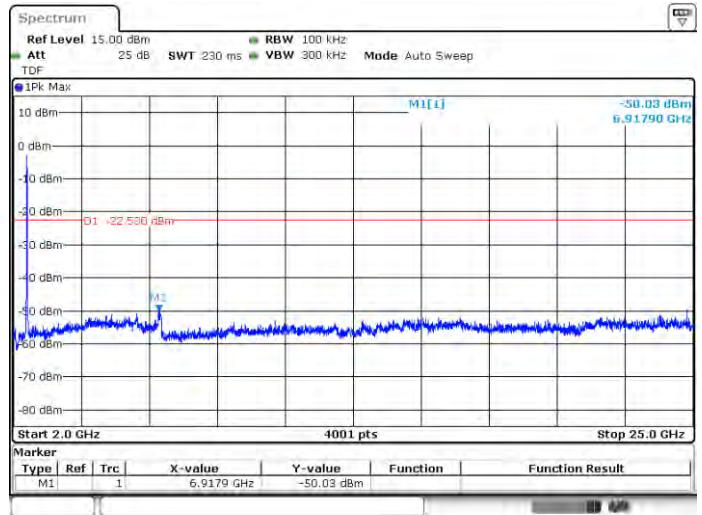
802.11n-40 HIGH CHANNEL CARRIER LEVEL



802.11n-40 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

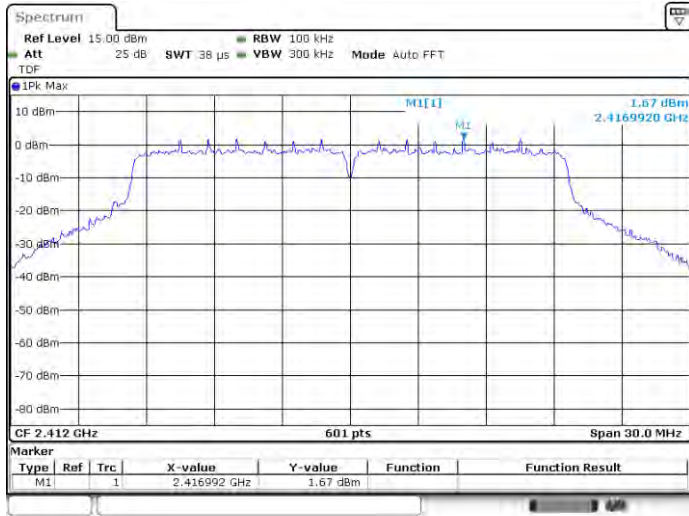


802.11n-40 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

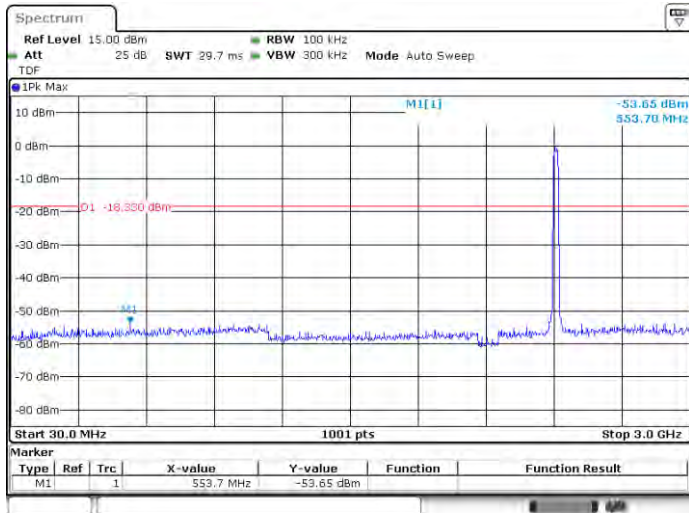




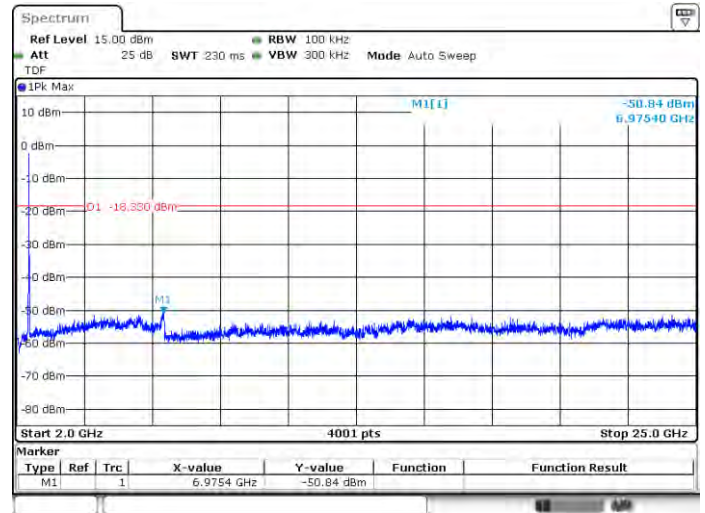
802.11ax-20 MHz (SU) LOW CHANNEL CARRIER LEVEL



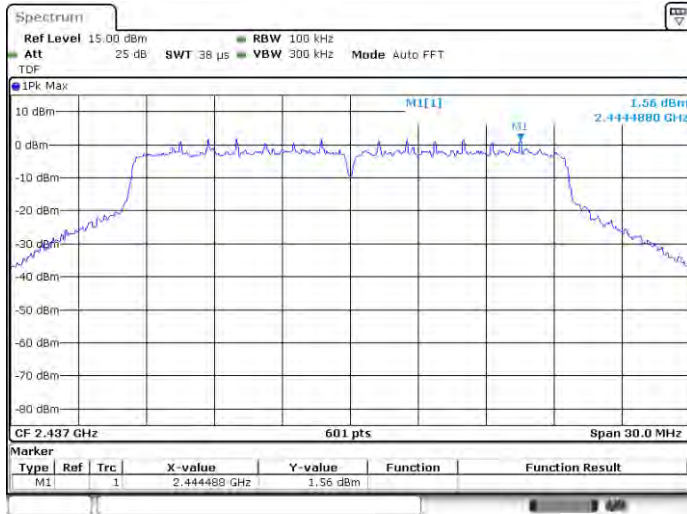
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



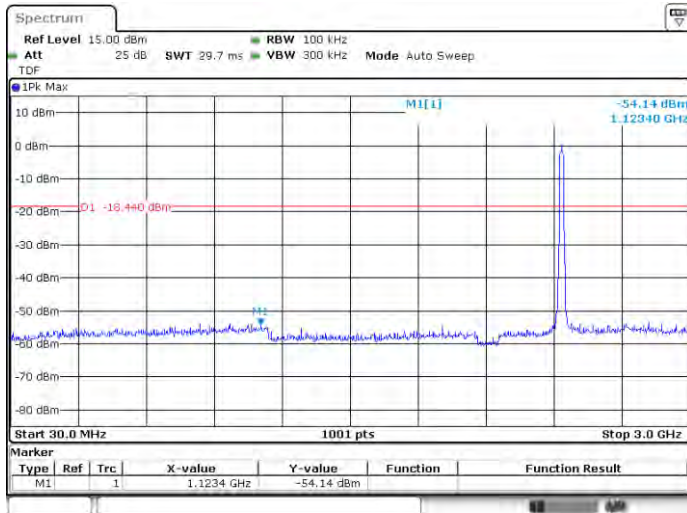
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



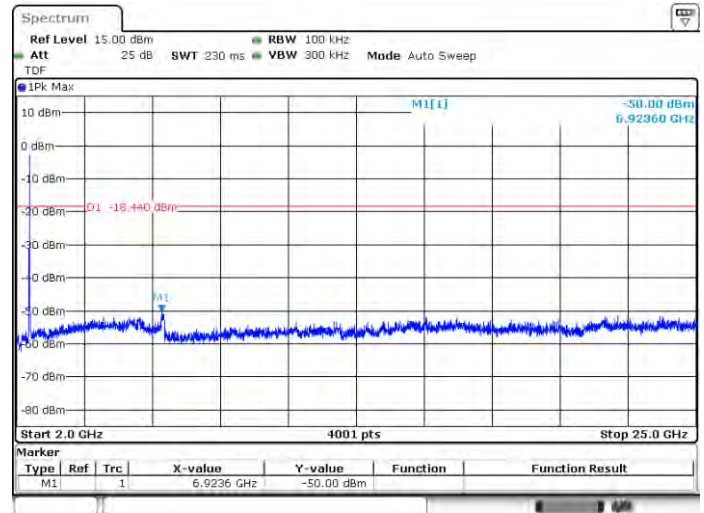
802.11ax-20 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



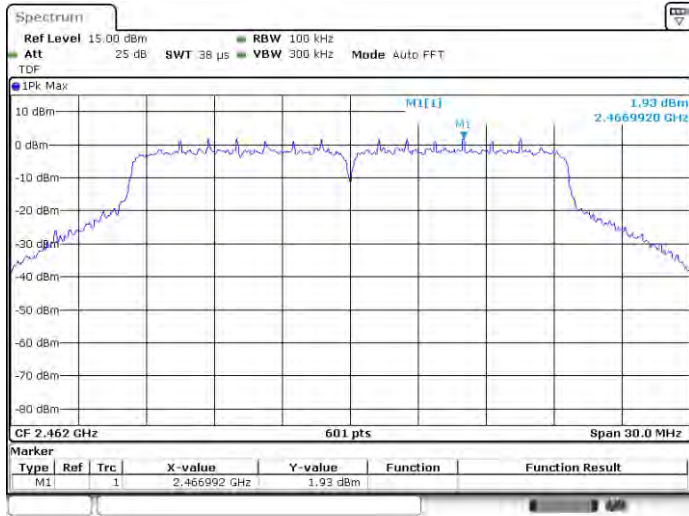
802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



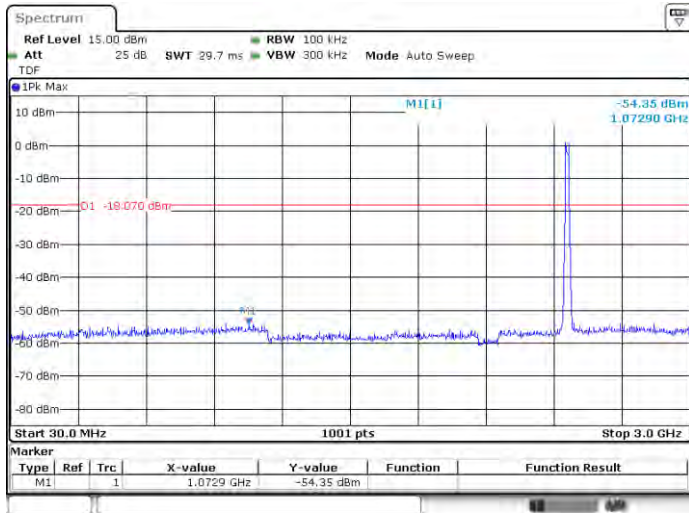
802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



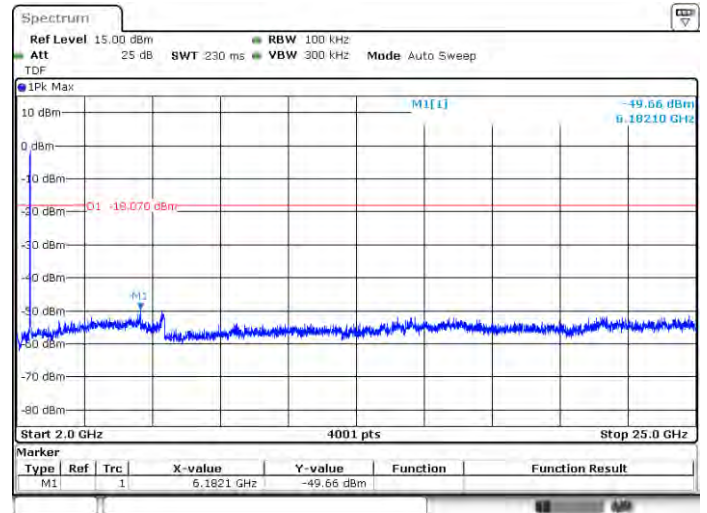
802.11ax-20 MHz (SU) HIGH CHANNEL CARRIER LEVEL



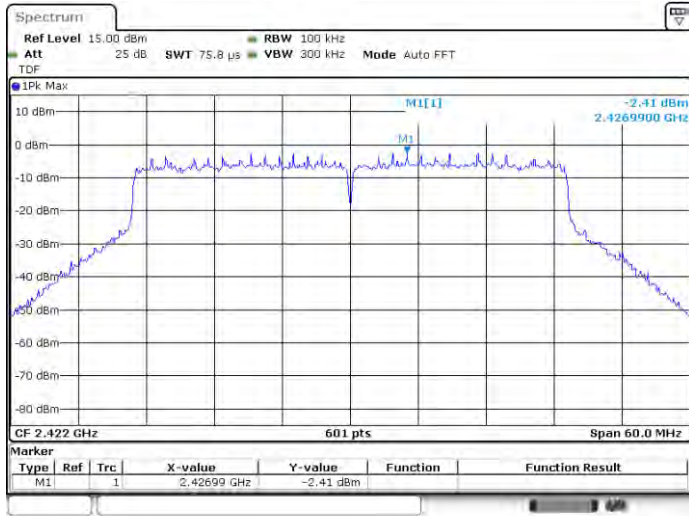
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



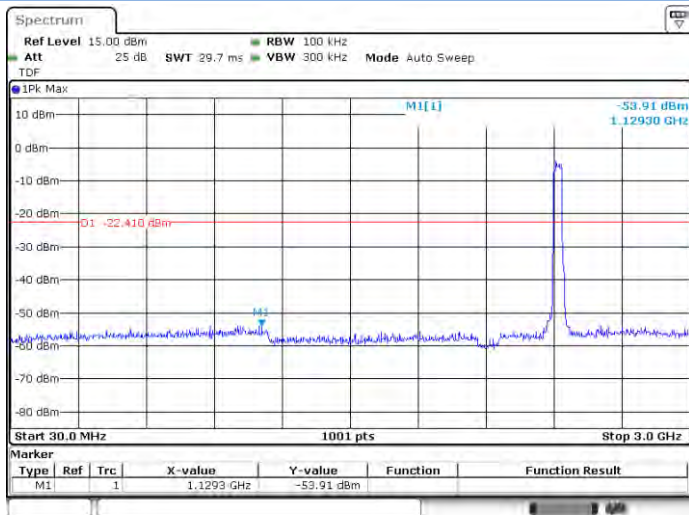
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



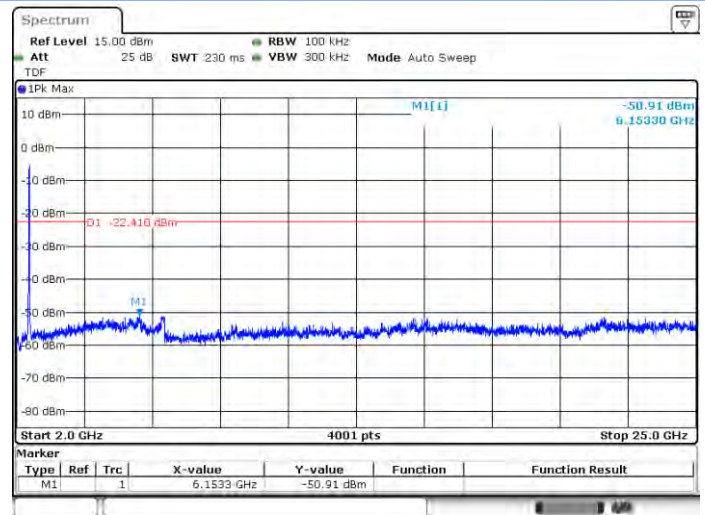
802.11ax-40 MHz (SU) LOW CHANNEL CARRIER LEVEL



802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

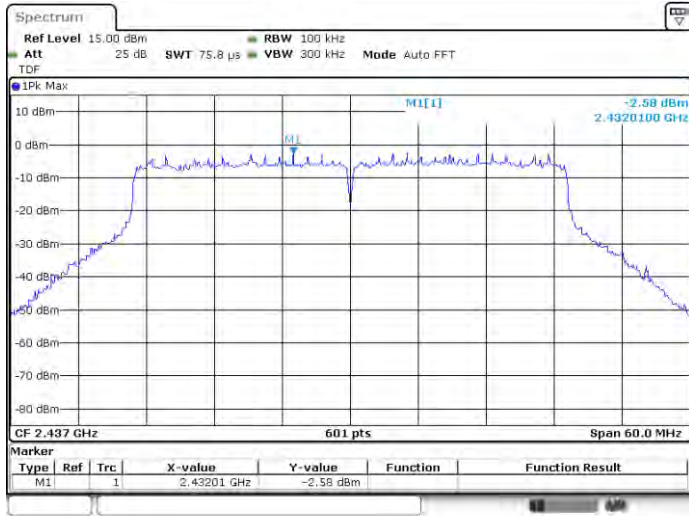


802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

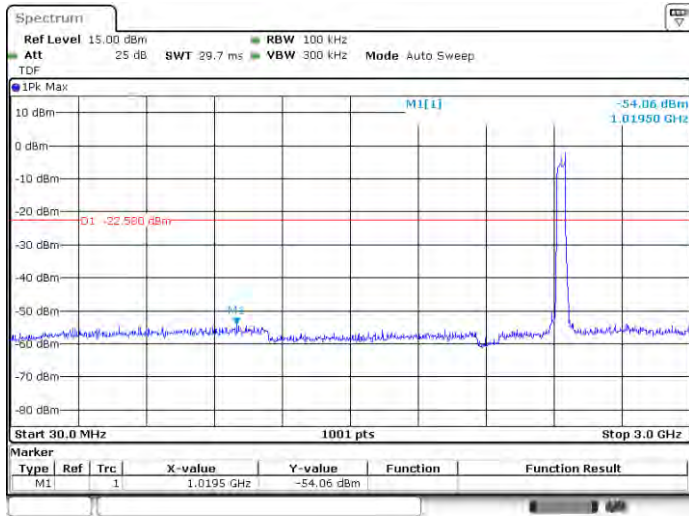




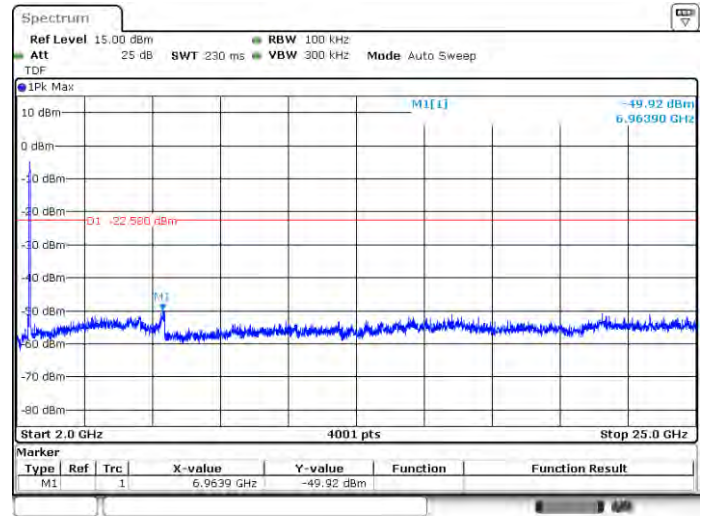
802.11ax-40 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



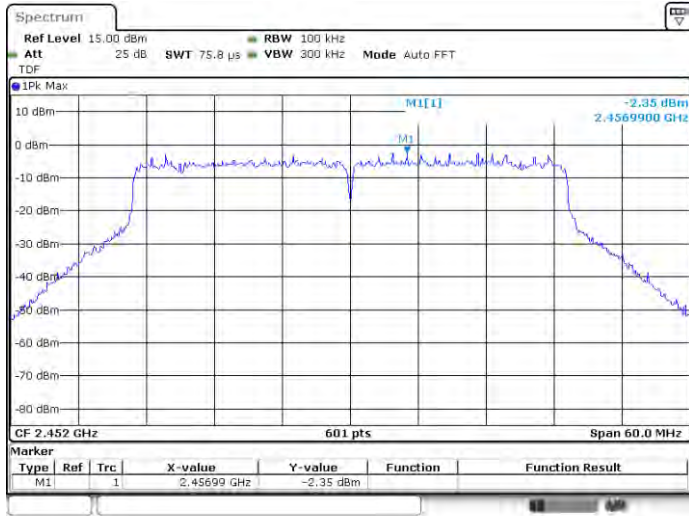
802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



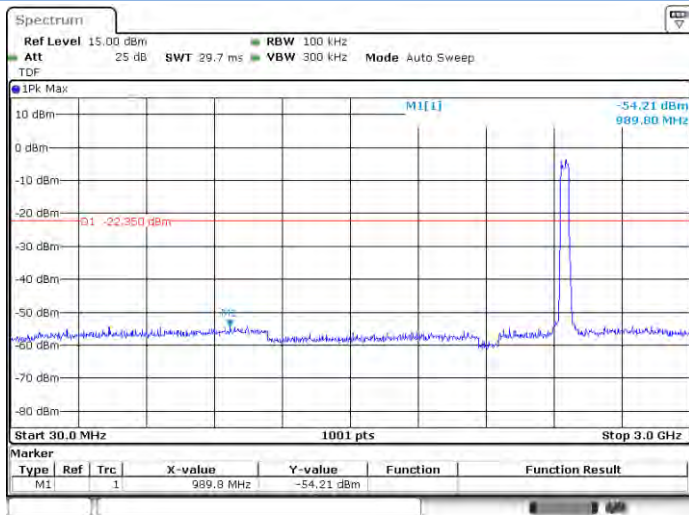
802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



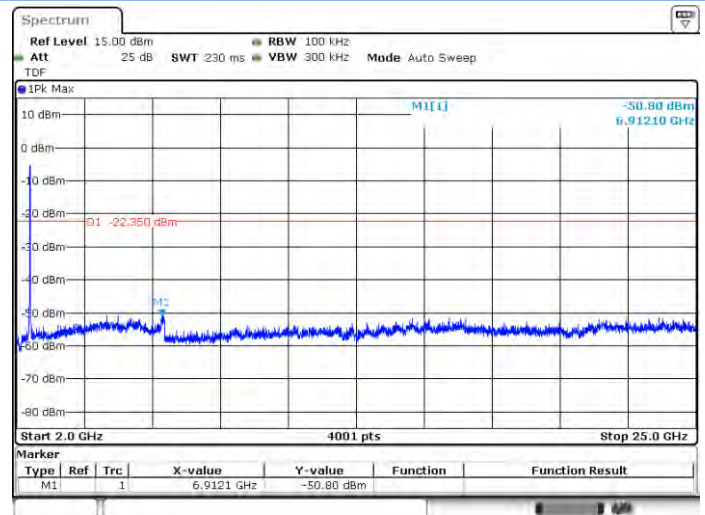
802.11ax-40 MHz (SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

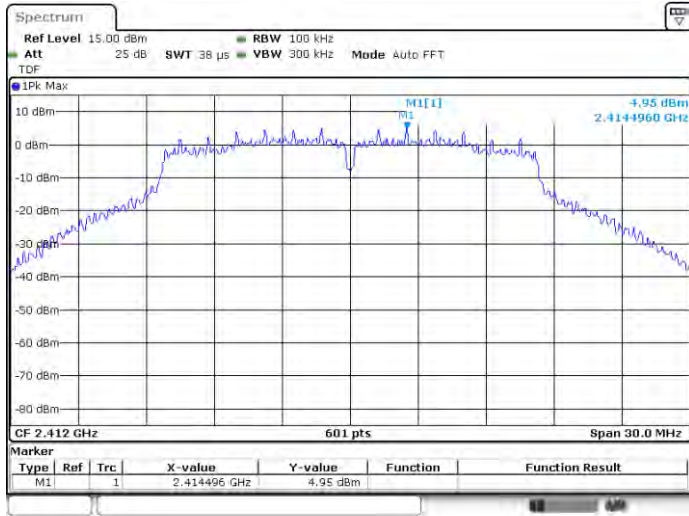


802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

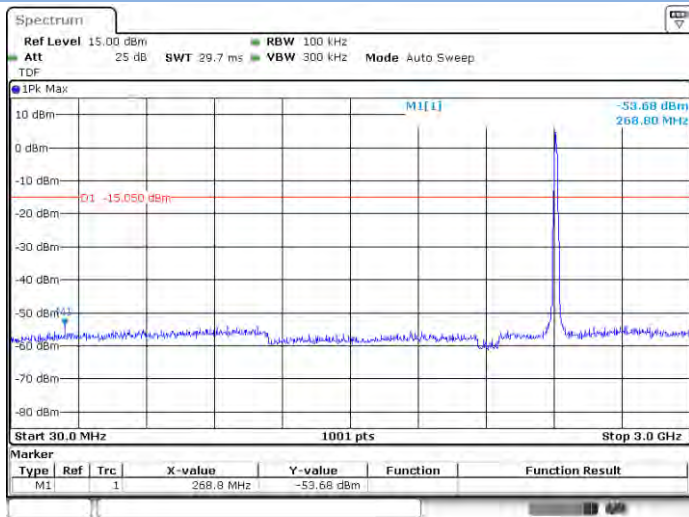


MIMO-Main Antenna

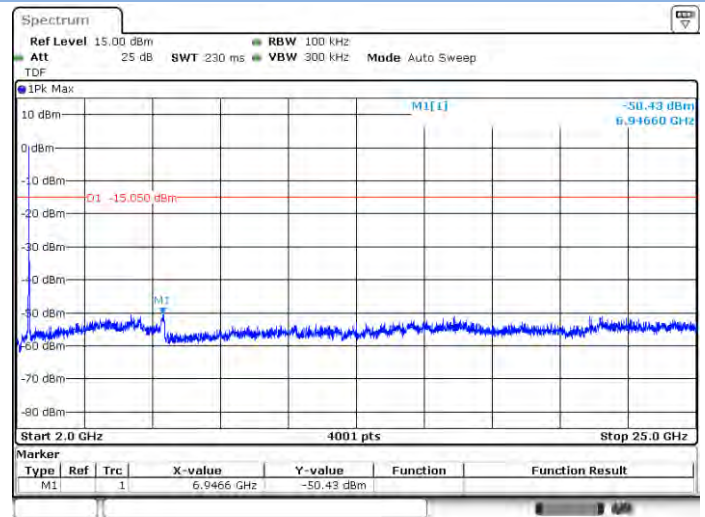
802.11g LOW CHANNEL CARRIER LEVEL



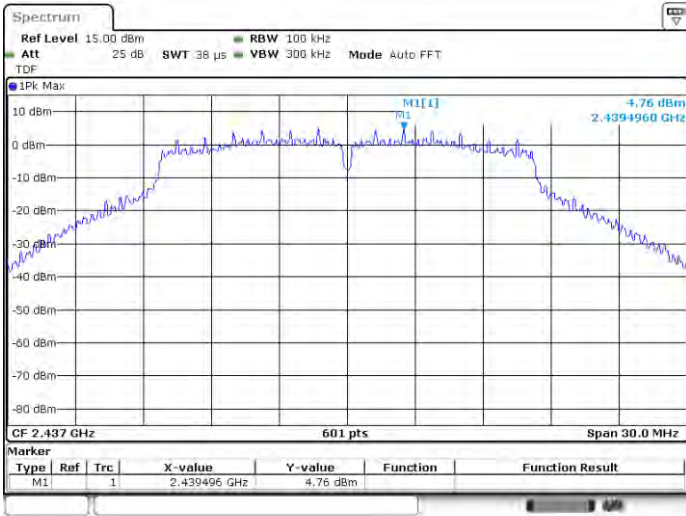
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



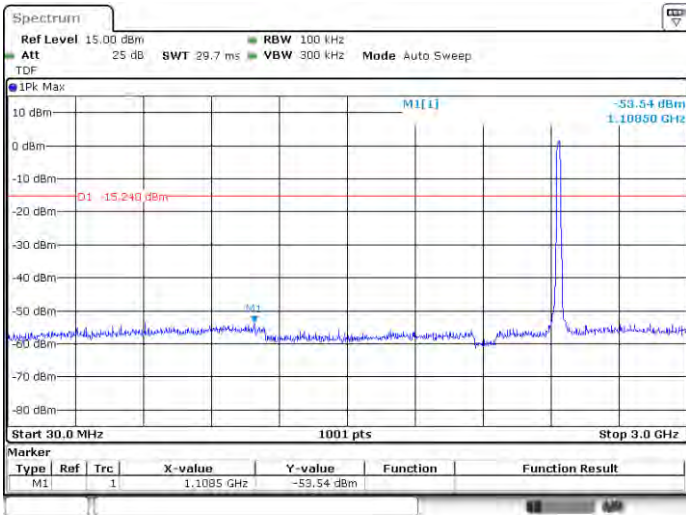
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



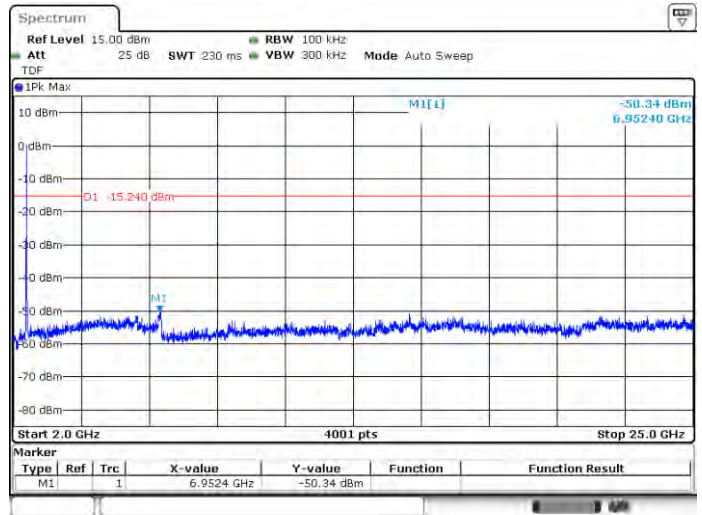
802.11g MIDDLE CHANNEL CARRIER LEVEL



802.11g MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

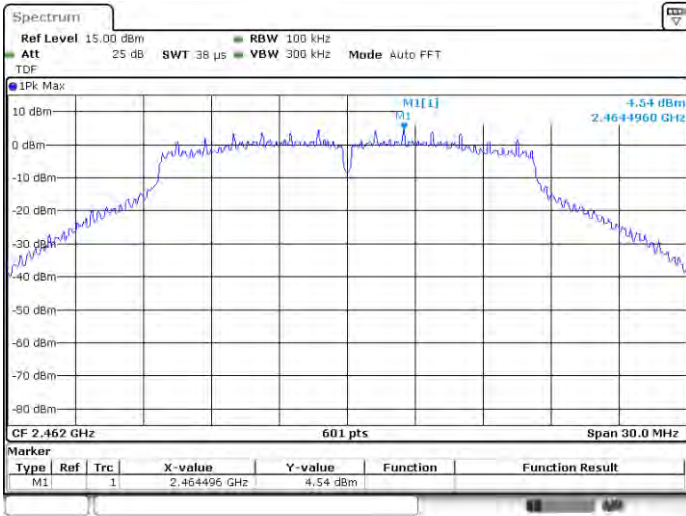


802.11g MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

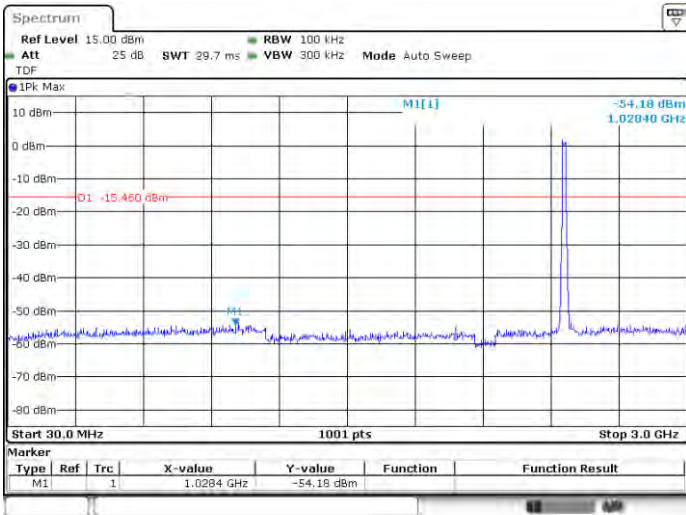




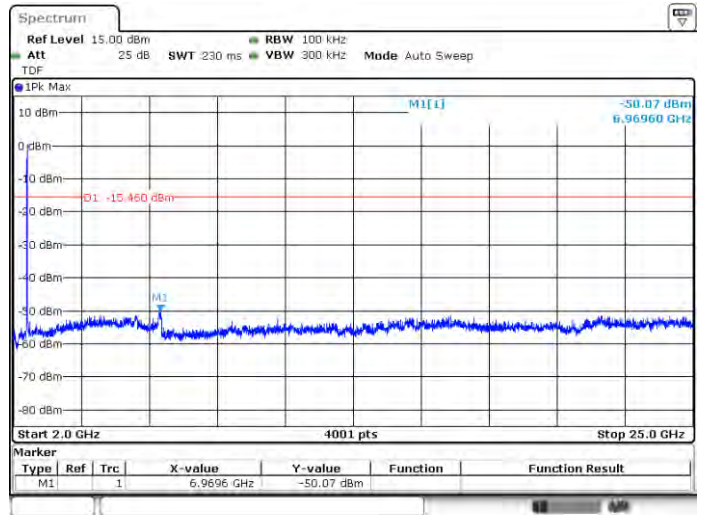
802.11g HIGH CHANNEL CARRIER LEVEL



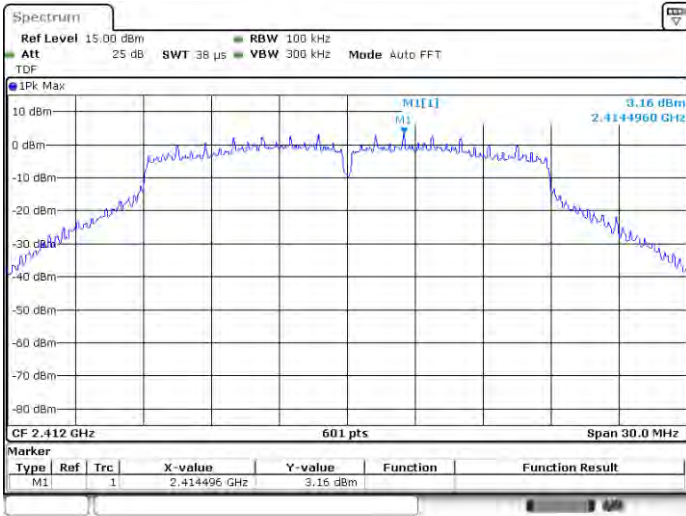
802.11g HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



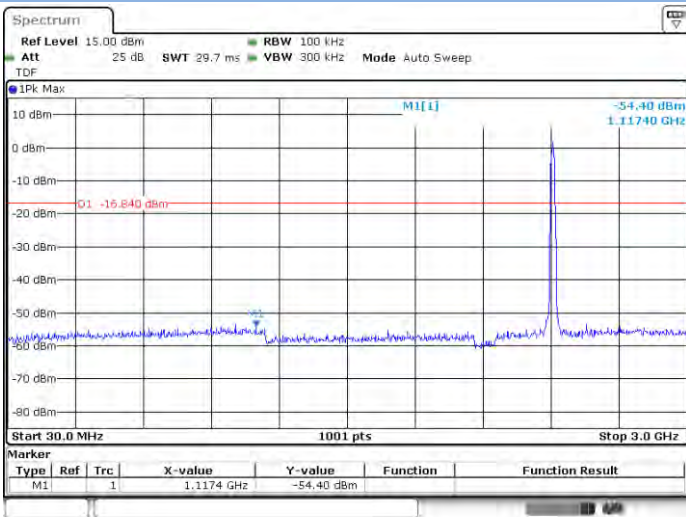
802.11g HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



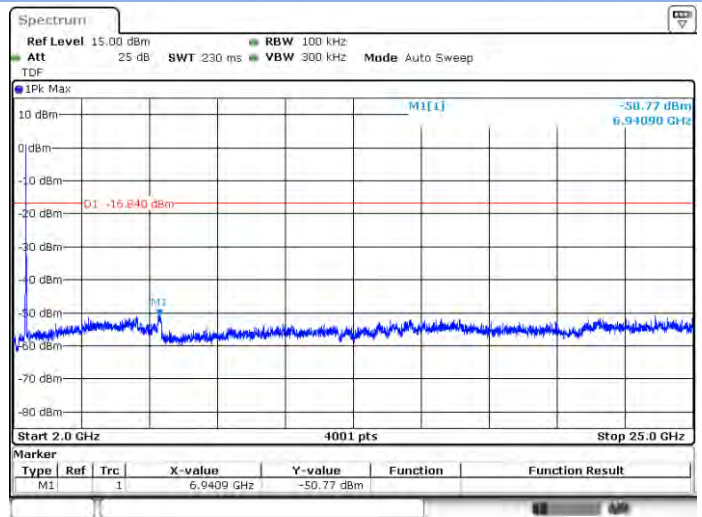
802.11n-20 LOW CHANNEL CARRIER LEVEL



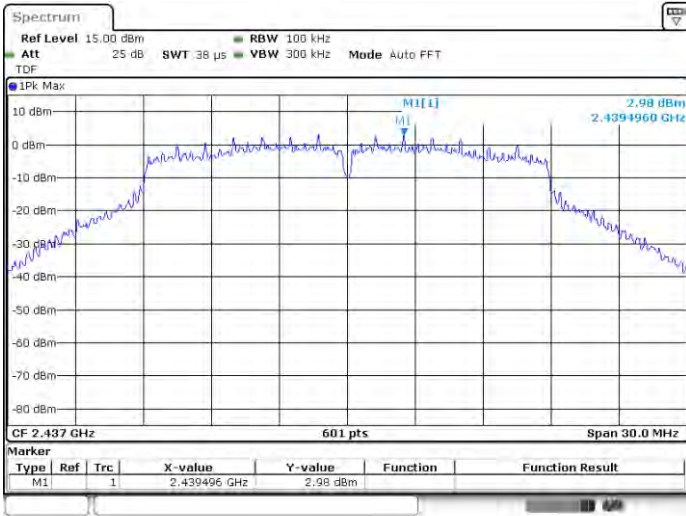
802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



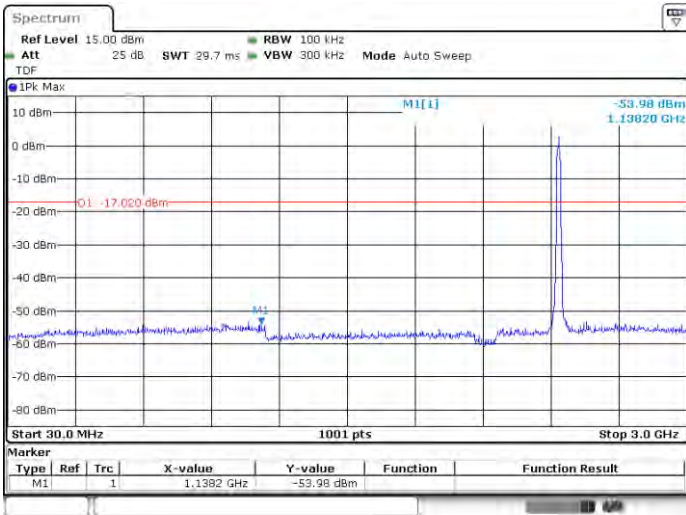
802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



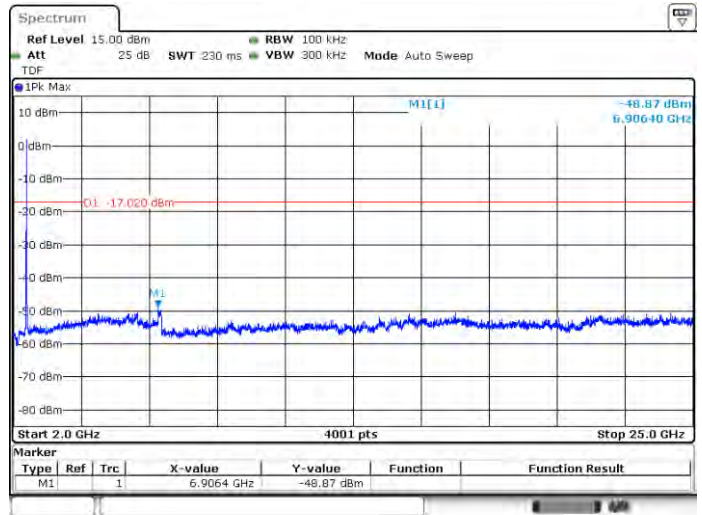
802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



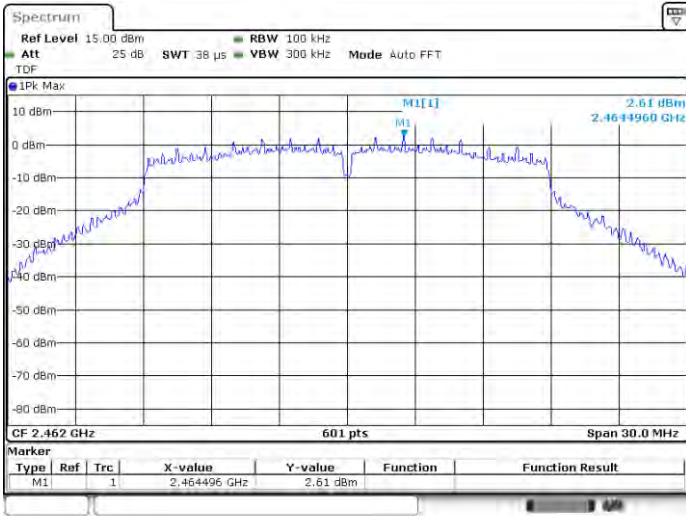
802.11n-20 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



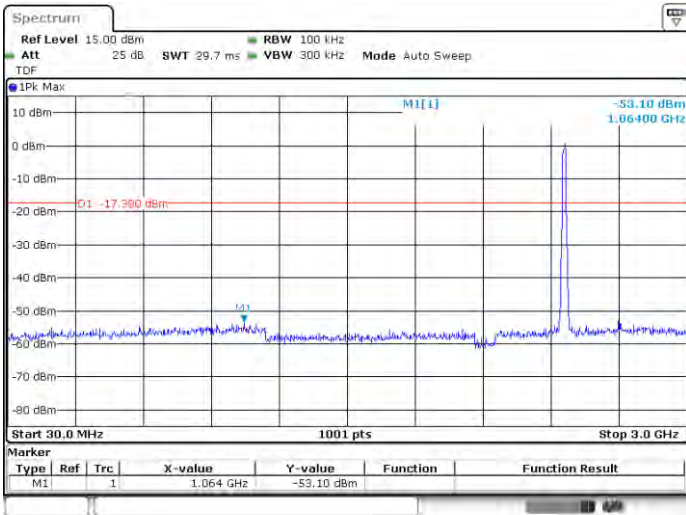
802.11n-20 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



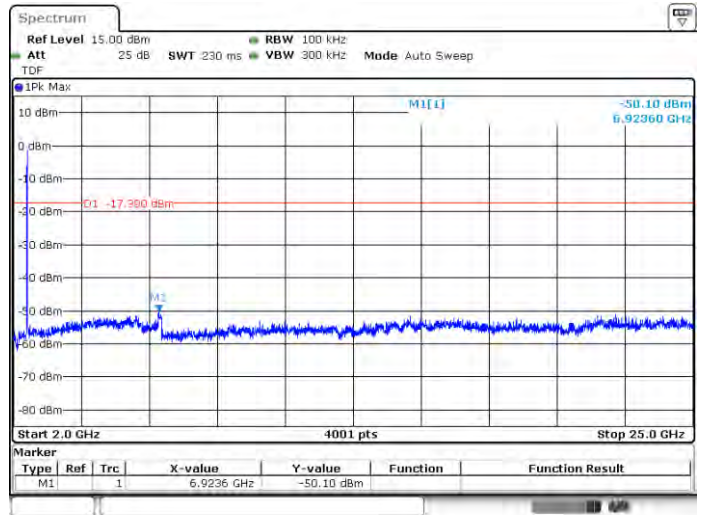
802.11n-20 HIGH CHANNEL CARRIER LEVEL



802.11n-20 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

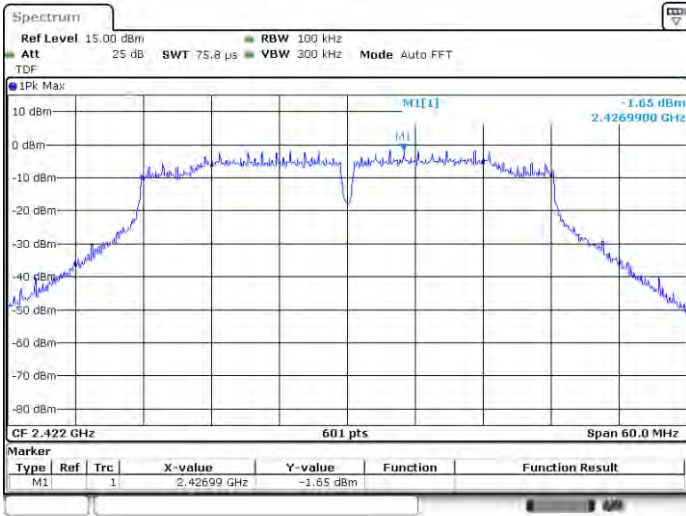


802.11n-20 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

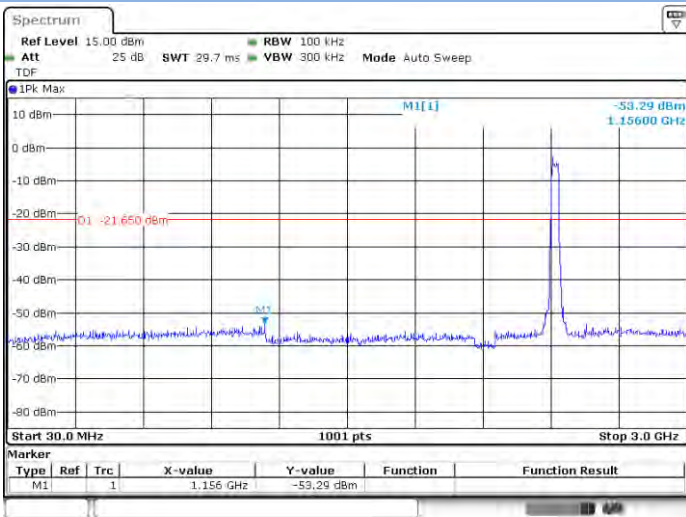




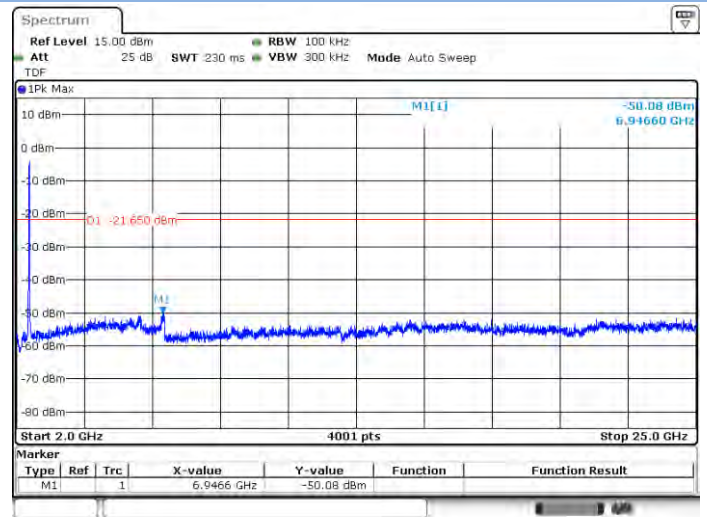
802.11n-40 LOW CHANNEL CARRIER LEVEL



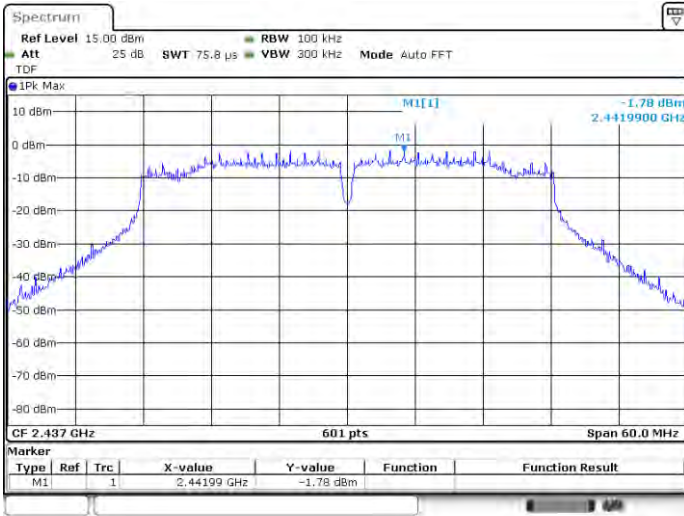
802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



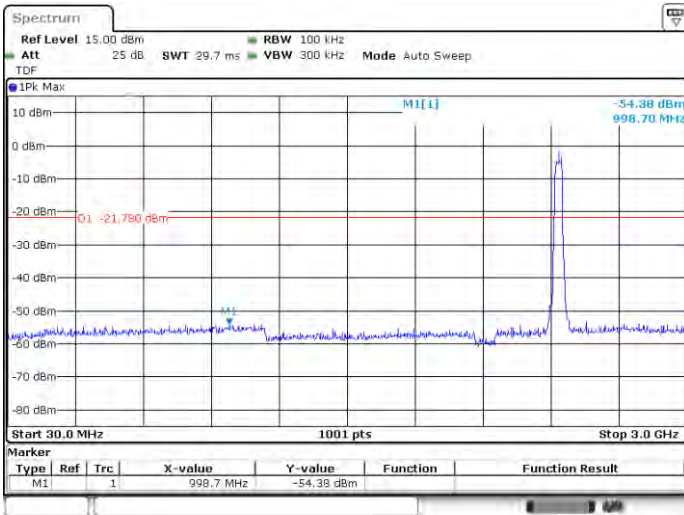
802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



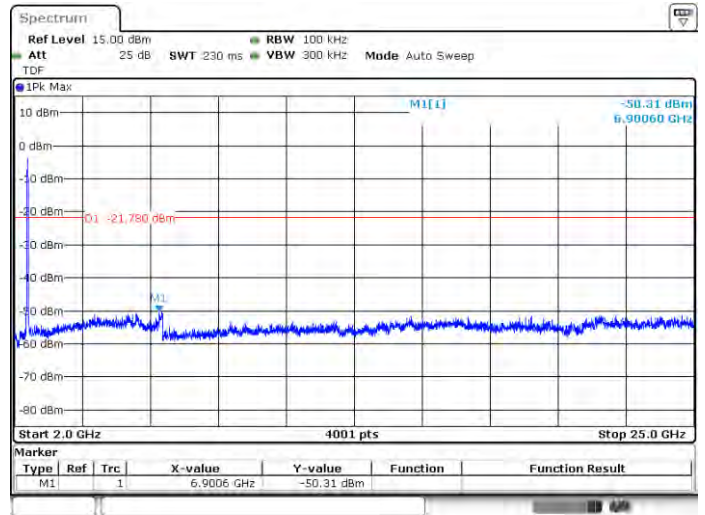
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



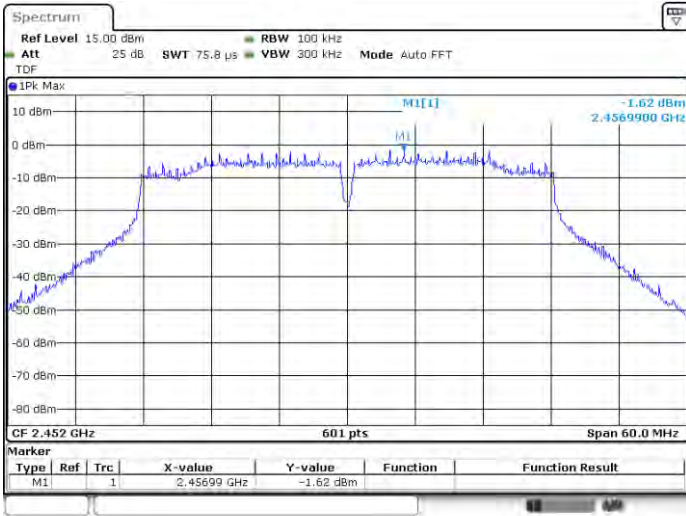
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



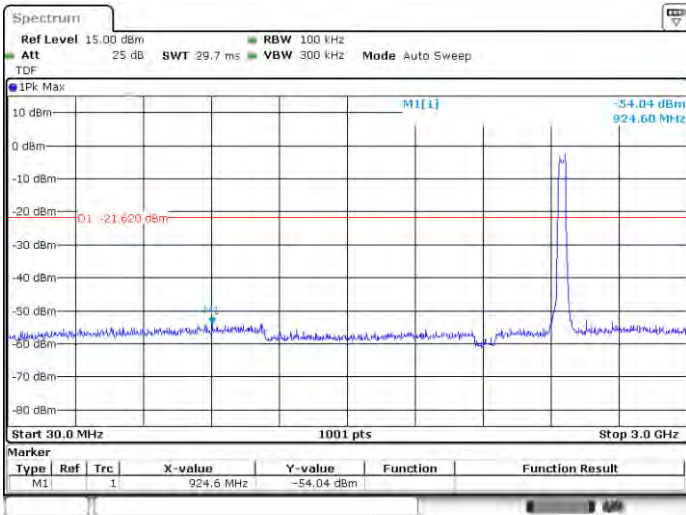
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



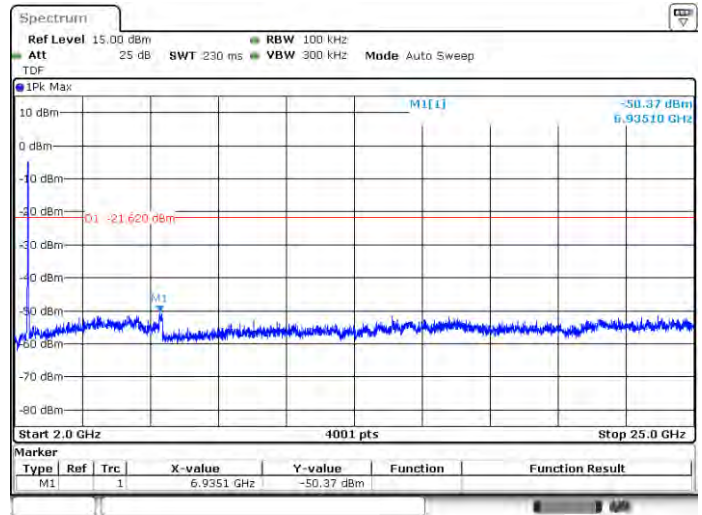
802.11n-40 HIGH CHANNEL CARRIER LEVEL



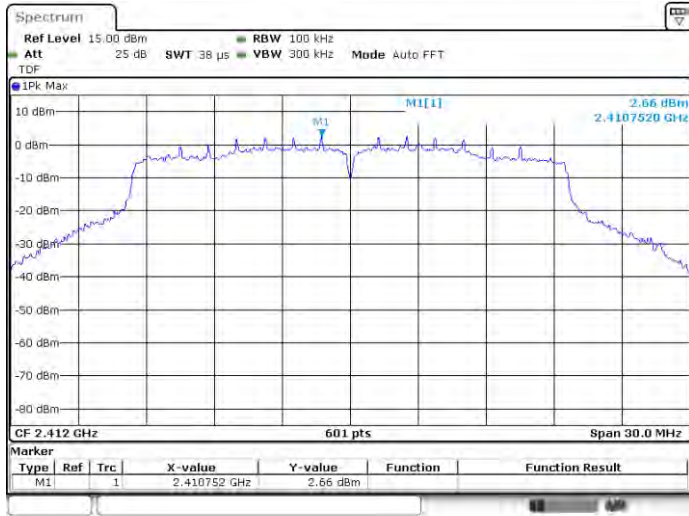
802.11n-40 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



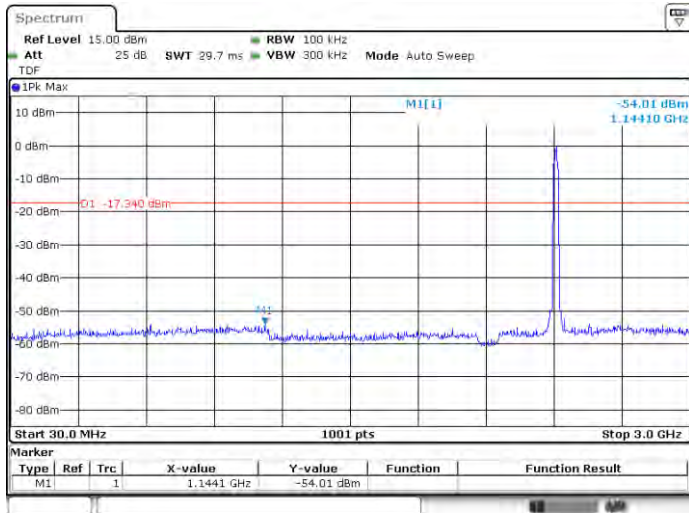
802.11n-40 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



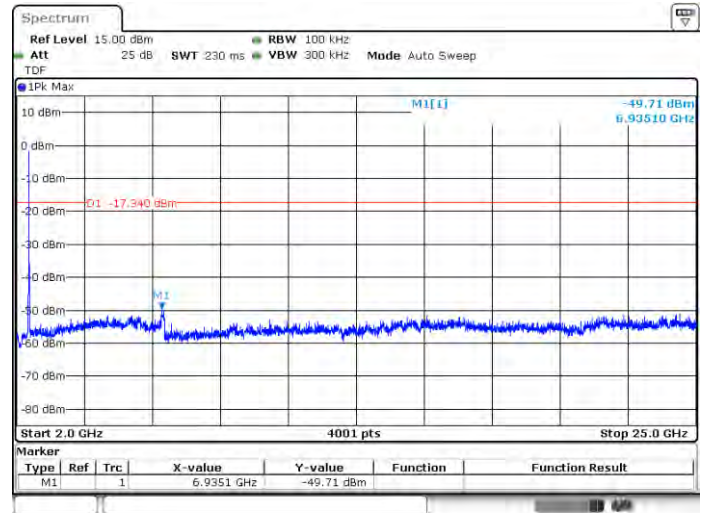
802.11ax-20 MHz (SU) LOW CHANNEL CARRIER LEVEL



802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

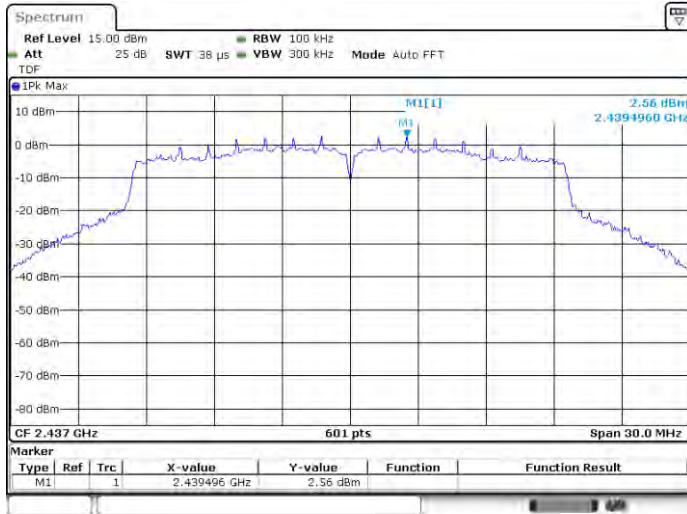


802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

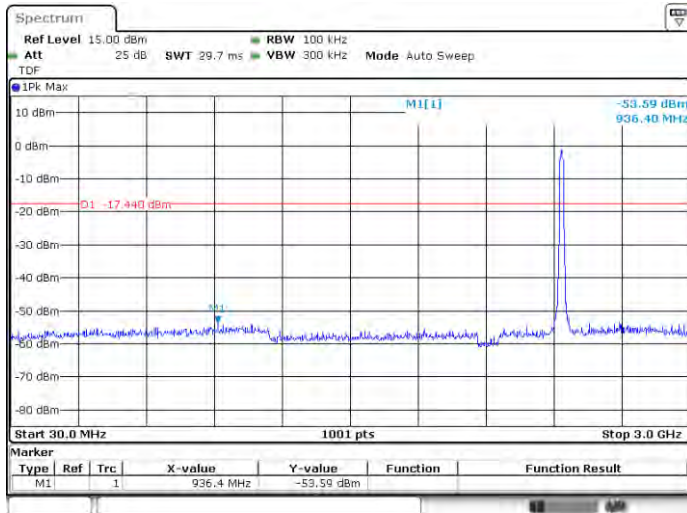




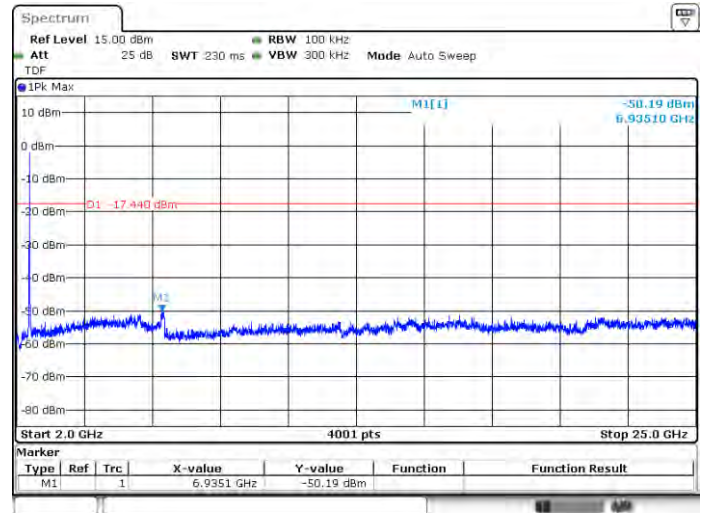
802.11ax-20 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



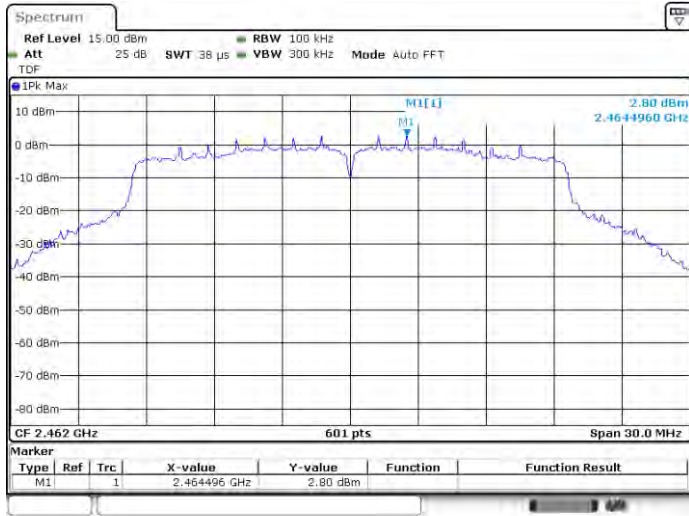
802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



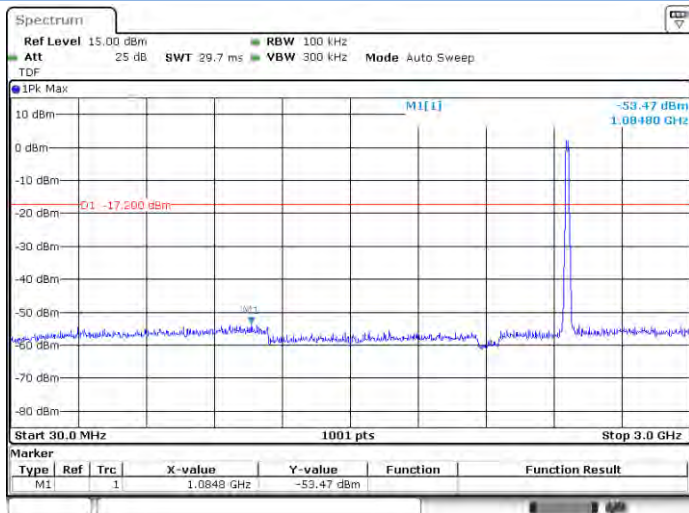
802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



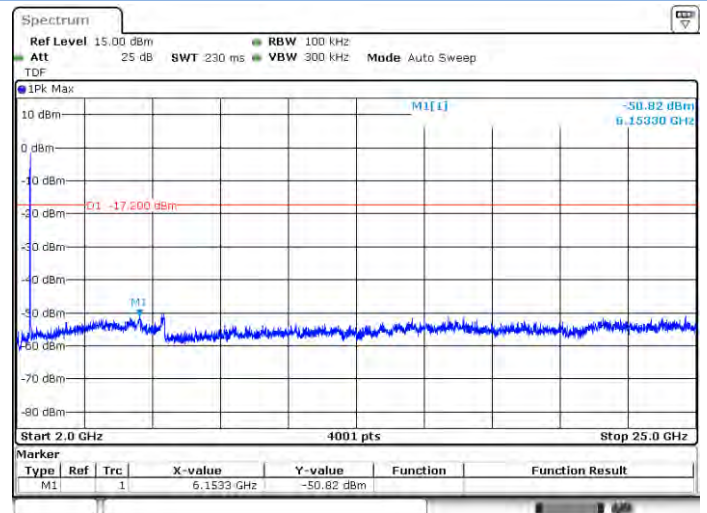
802.11ax-20 MHz (SU) HIGH CHANNEL CARRIER LEVEL



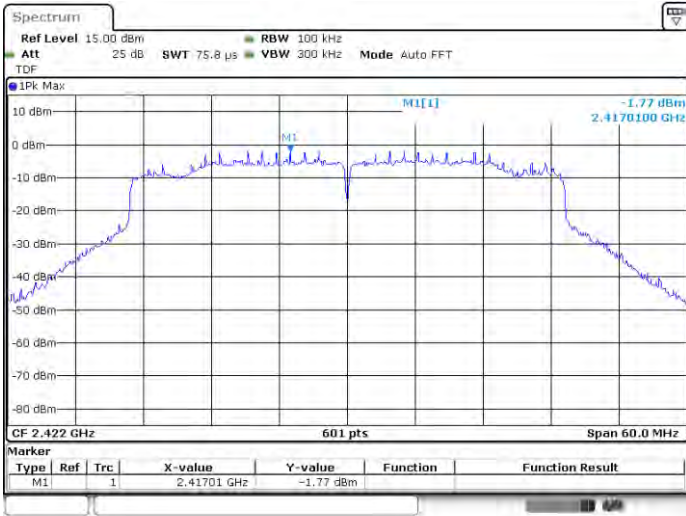
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



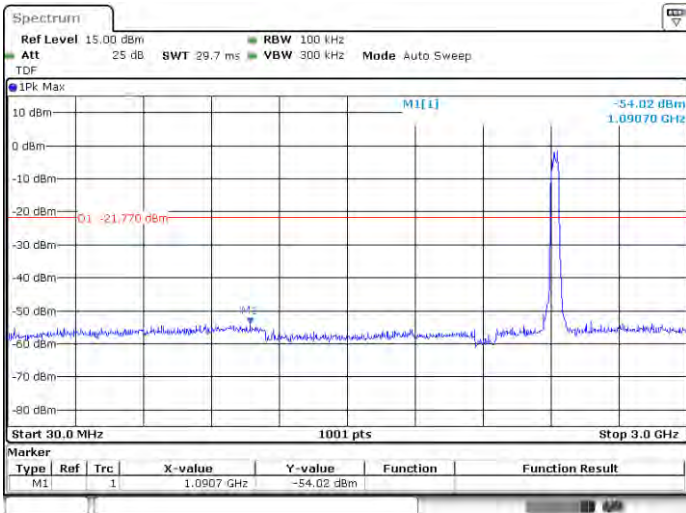
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



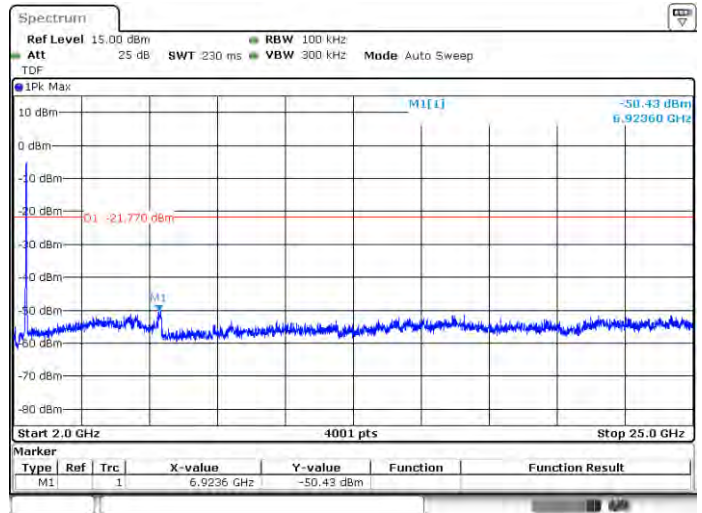
802.11ax-40 MHz (SU) LOW CHANNEL CARRIER LEVEL



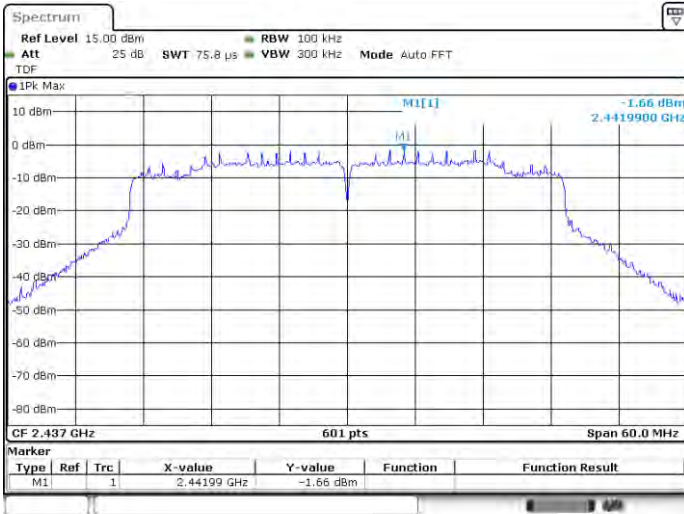
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



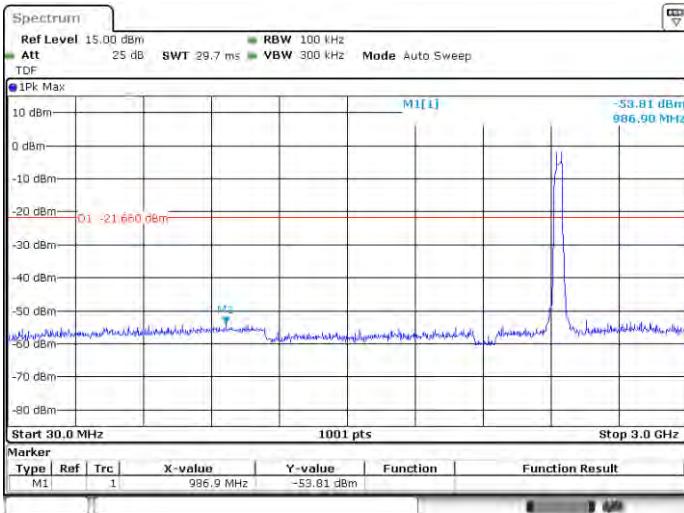
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



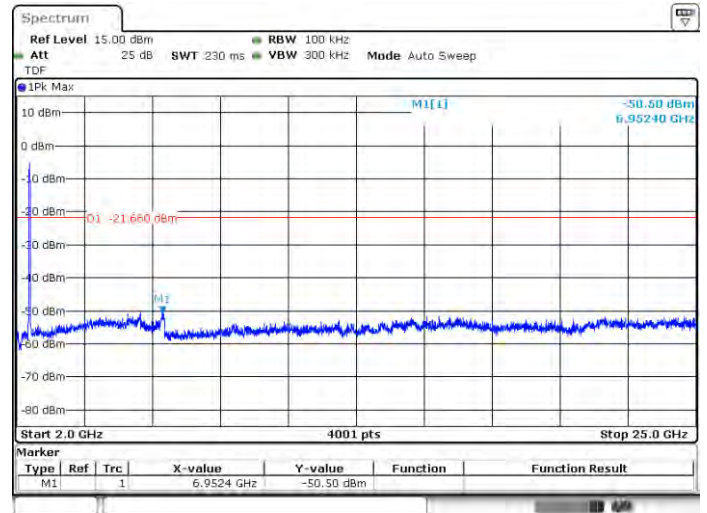
802.11ax-40 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

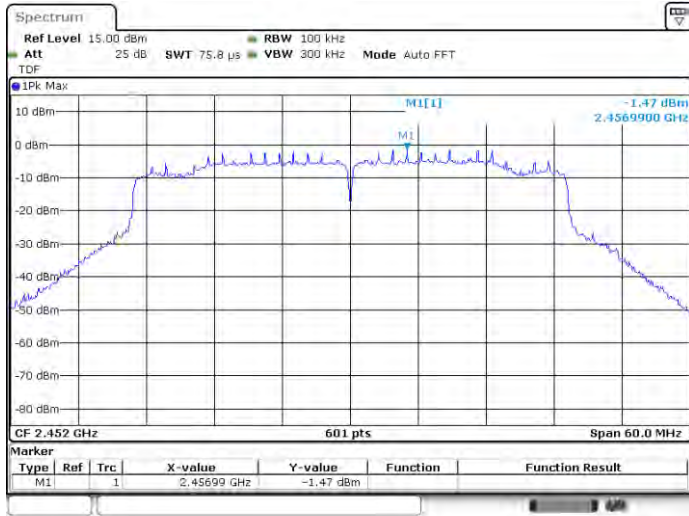


802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

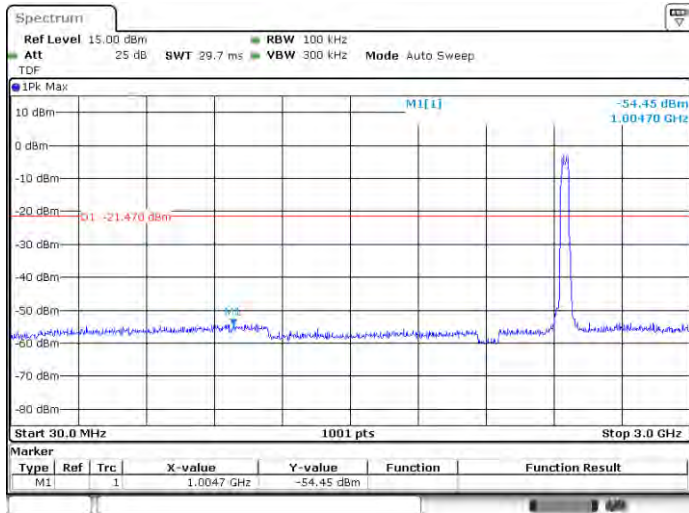




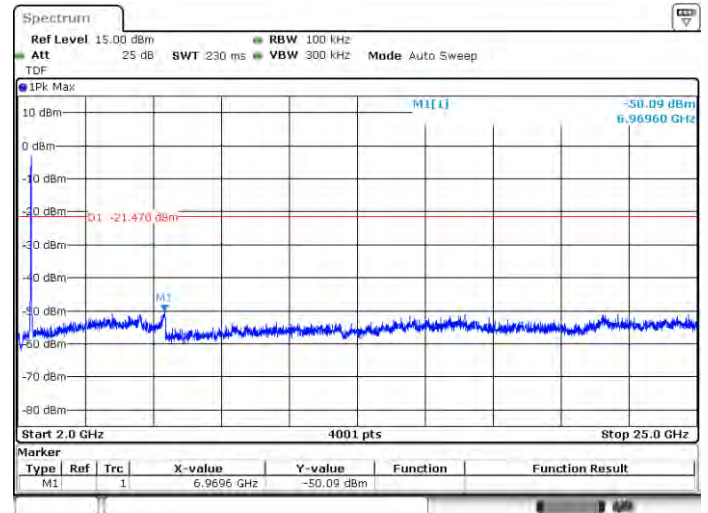
802.11ax-40 MHz (SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

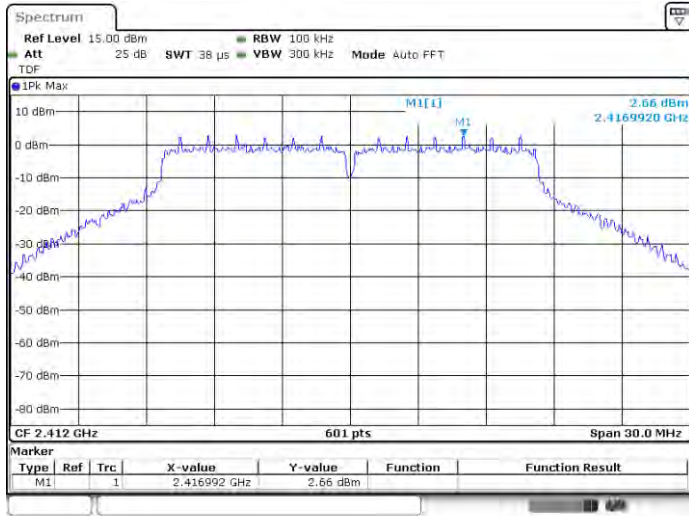


802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

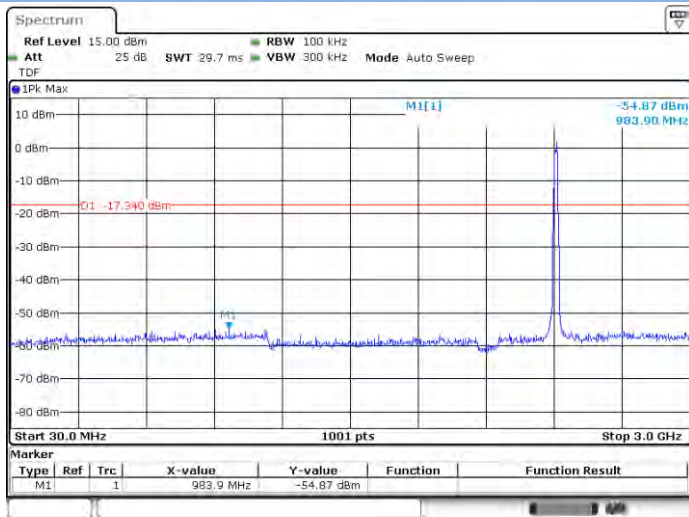


MIMO-Aux. Antenna

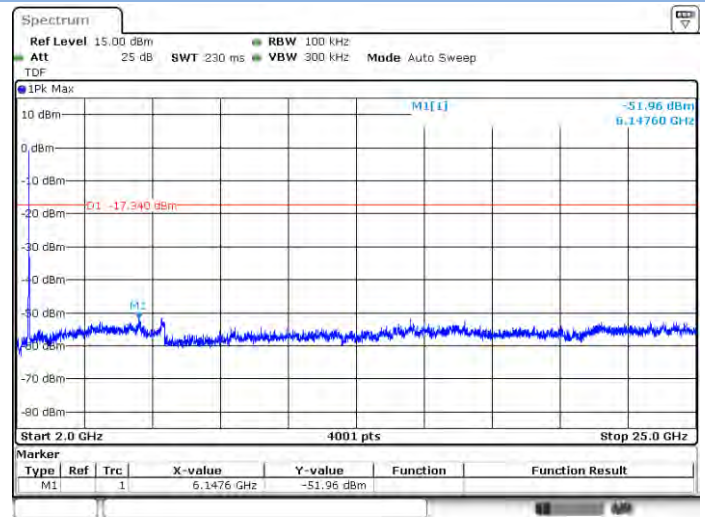
802.11g LOW CHANNEL CARRIER LEVEL



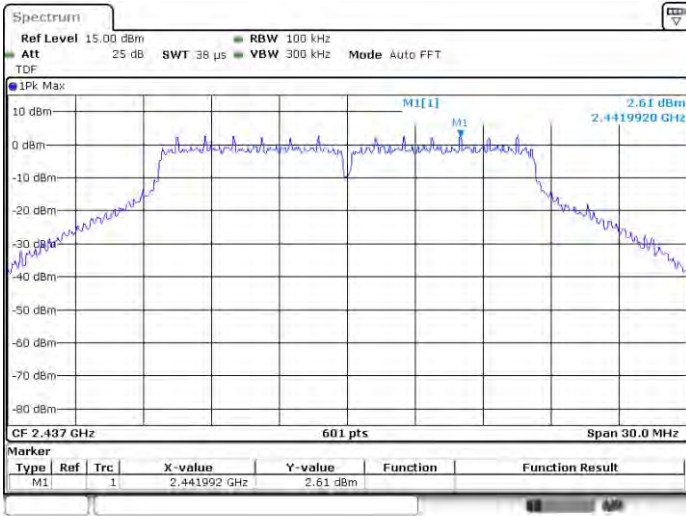
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



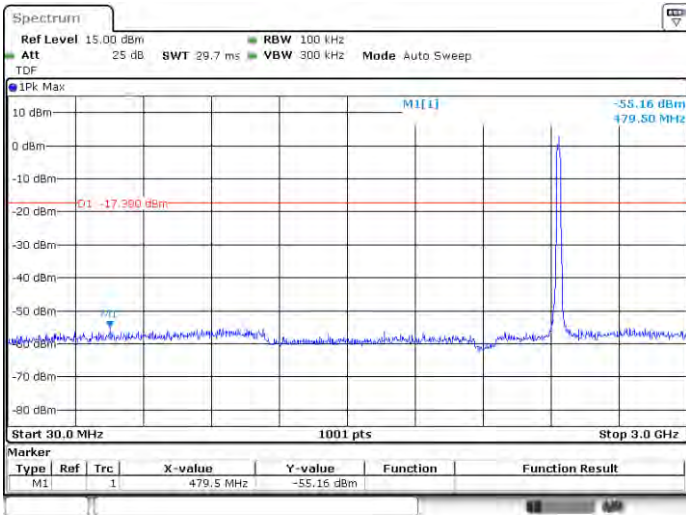
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



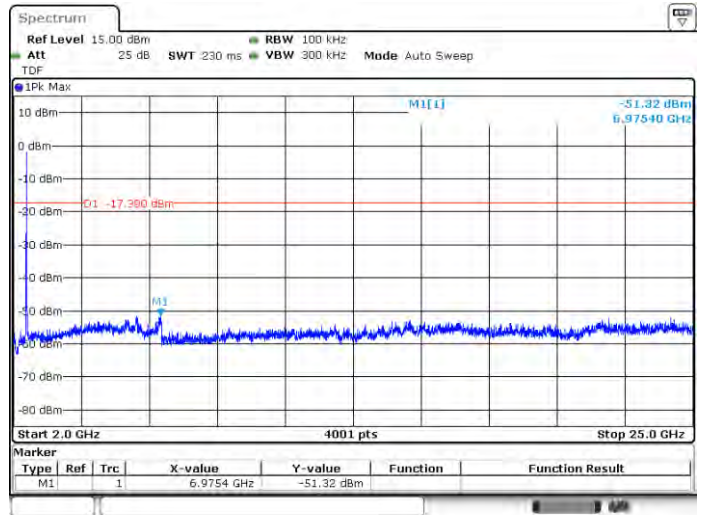
802.11g MIDDLE CHANNEL CARRIER LEVEL



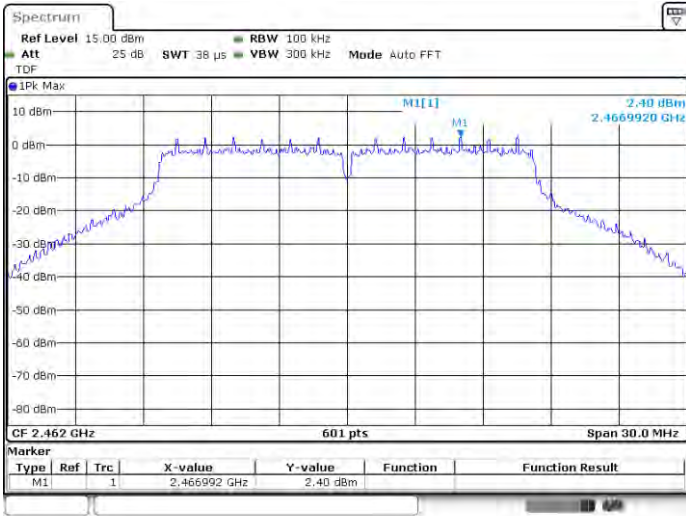
802.11g MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



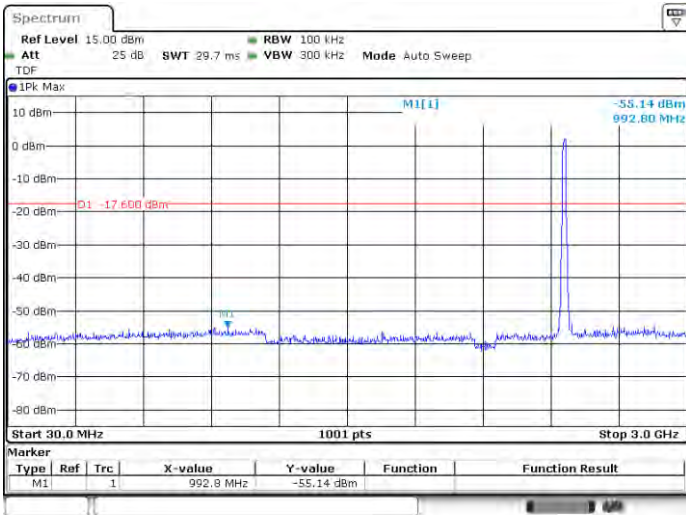
802.11g MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



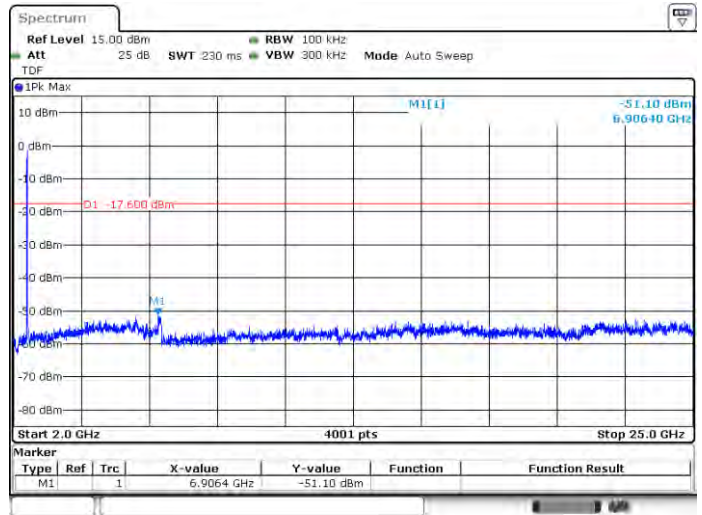
802.11g HIGH CHANNEL CARRIER LEVEL



802.11g HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz

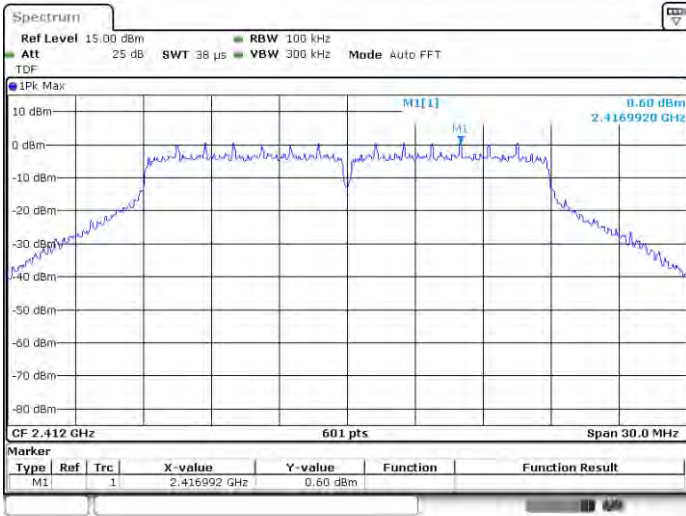


802.11g HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz

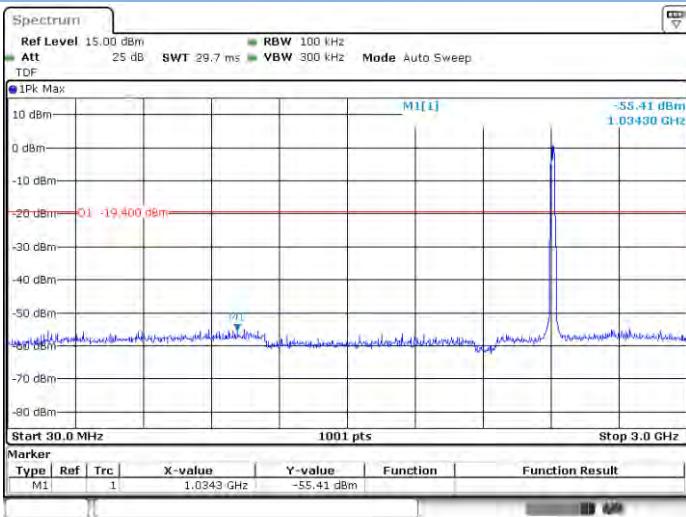




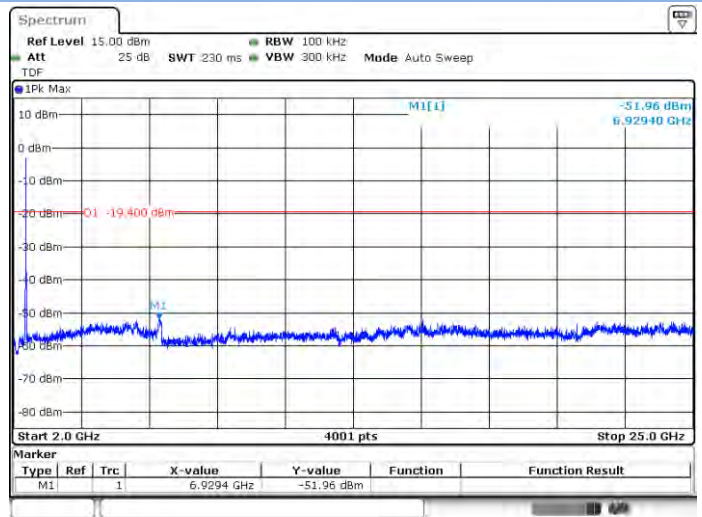
802.11n-20 LOW CHANNEL CARRIER LEVEL



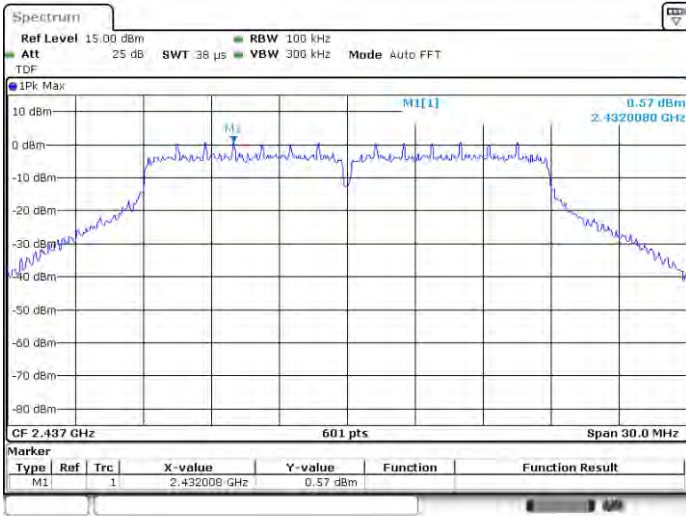
802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



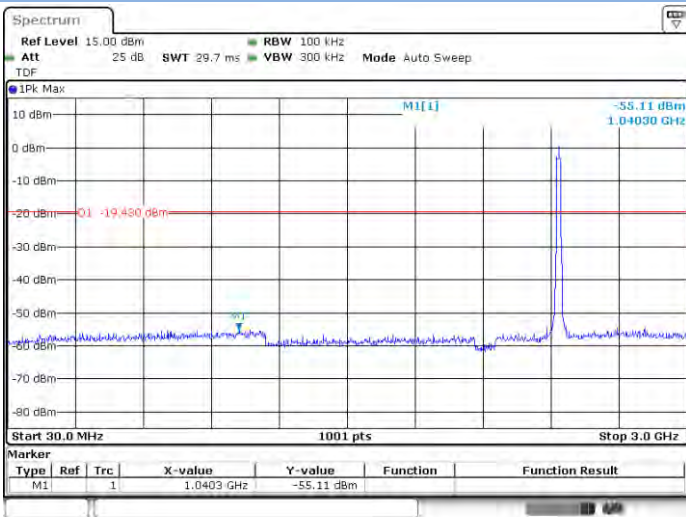
802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



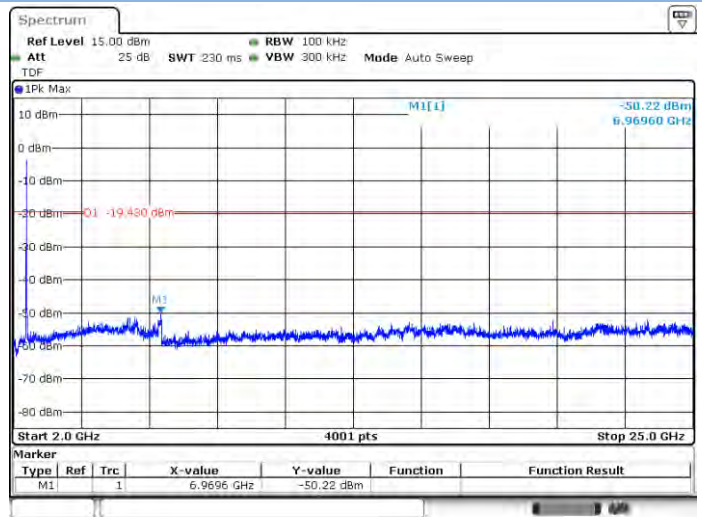
802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



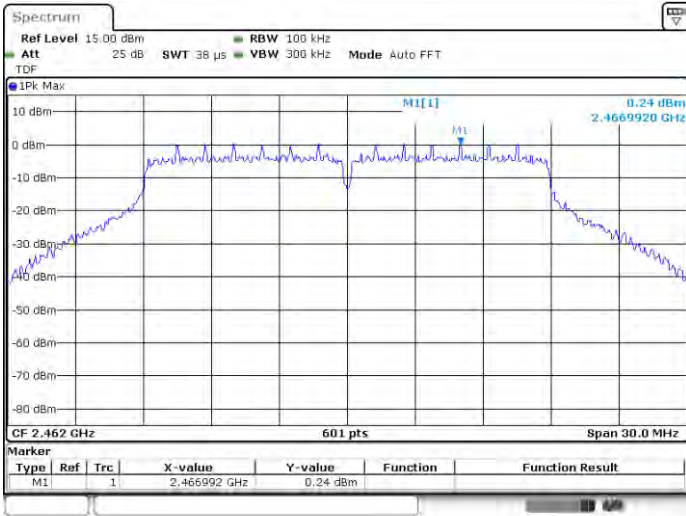
802.11n-20 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



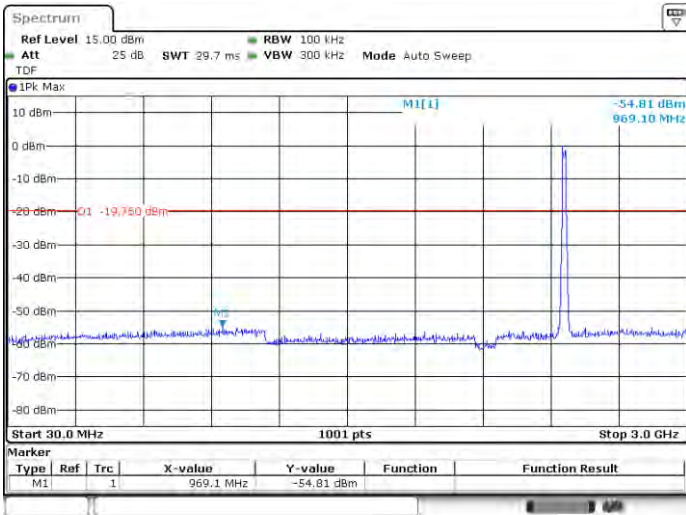
802.11n-20 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



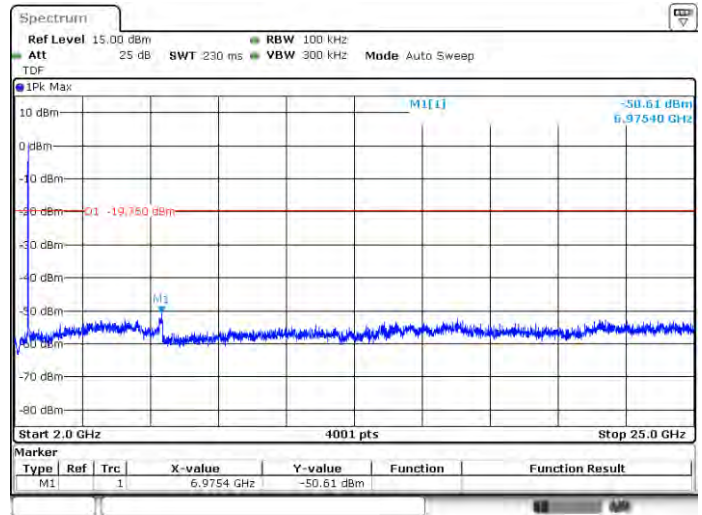
802.11n-20 HIGH CHANNEL CARRIER LEVEL



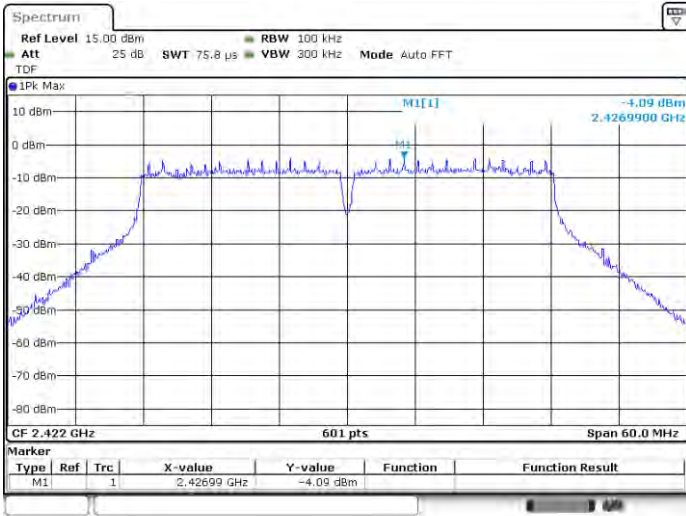
802.11n-20 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



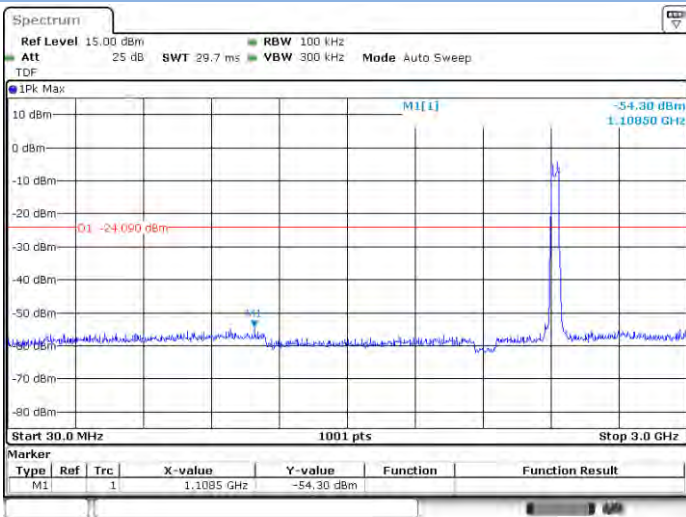
802.11n-20 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



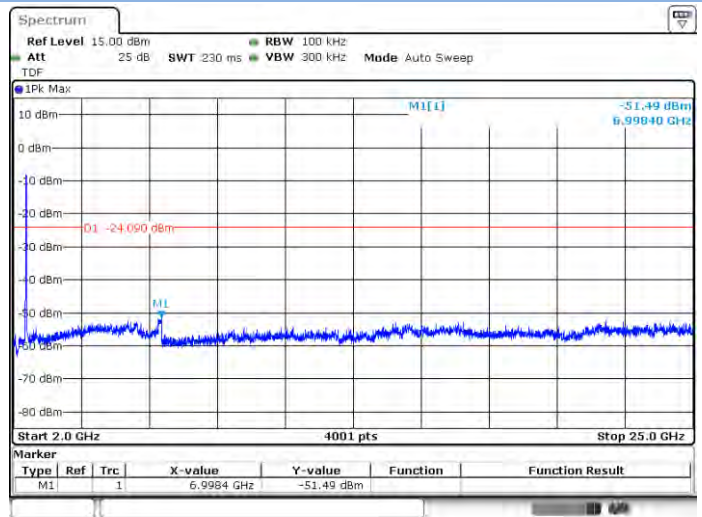
802.11n-40 LOW CHANNEL CARRIER LEVEL



802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

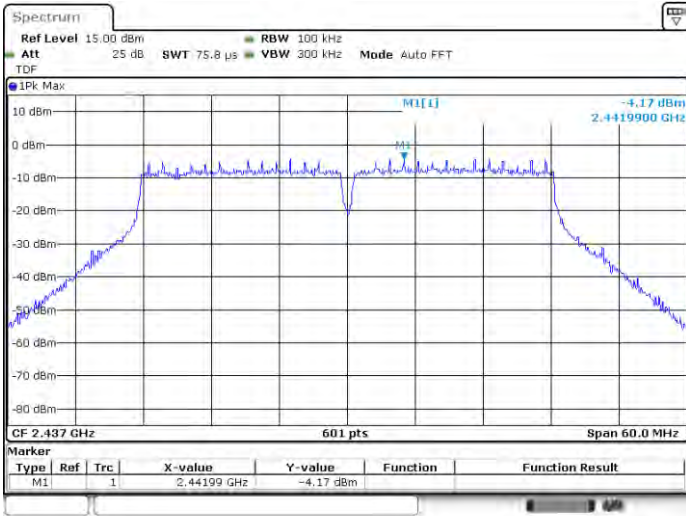


802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

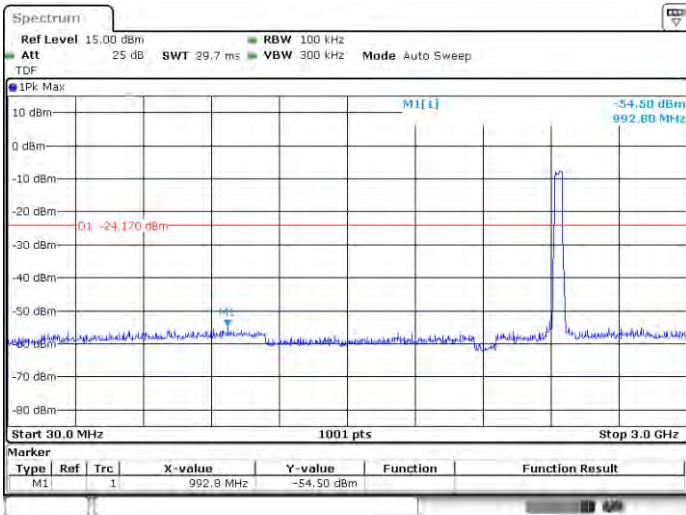




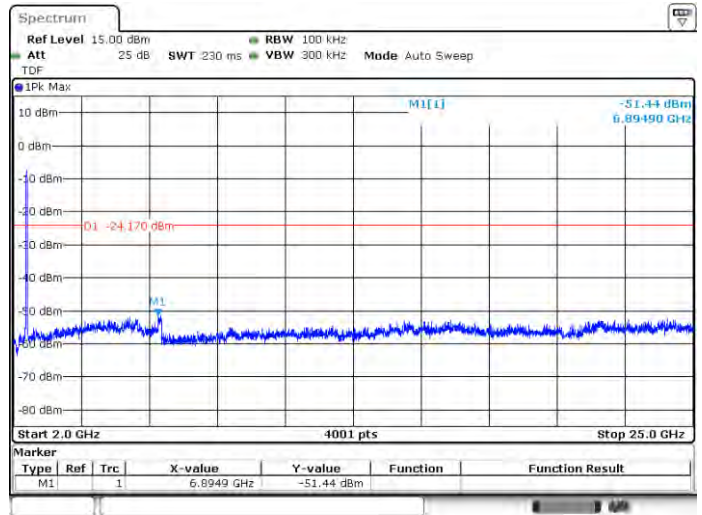
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



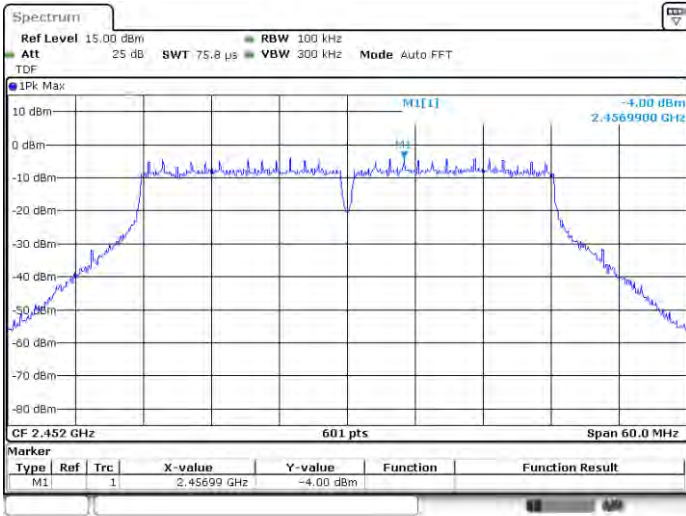
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



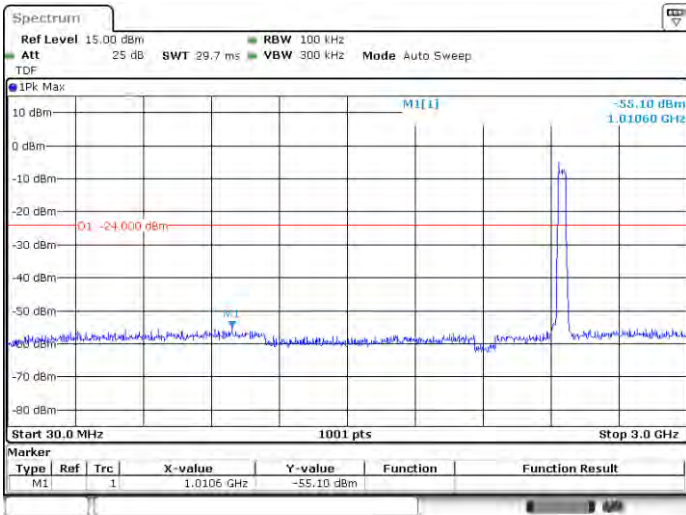
802.11n-40 MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



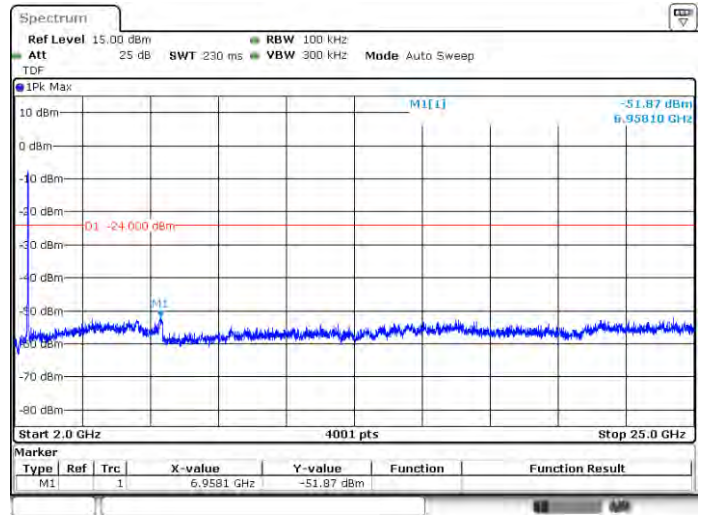
802.11n-40 HIGH CHANNEL CARRIER LEVEL



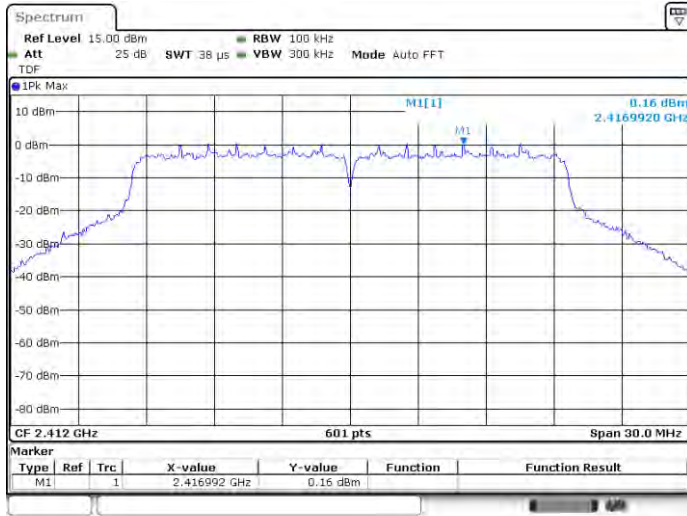
802.11n-40 HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



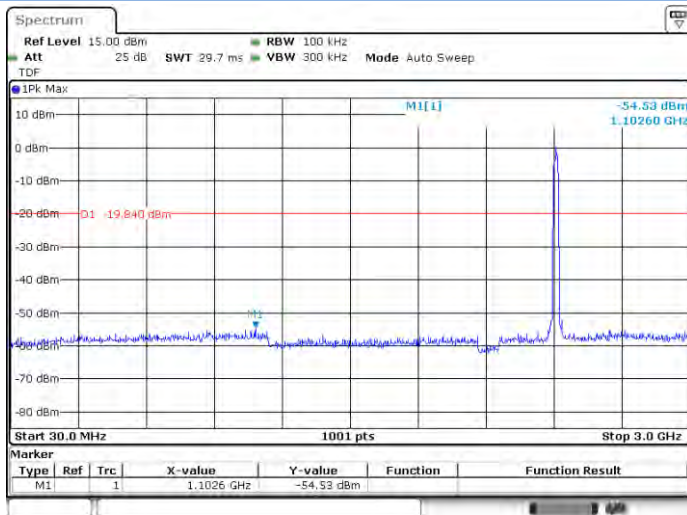
802.11n-40 HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



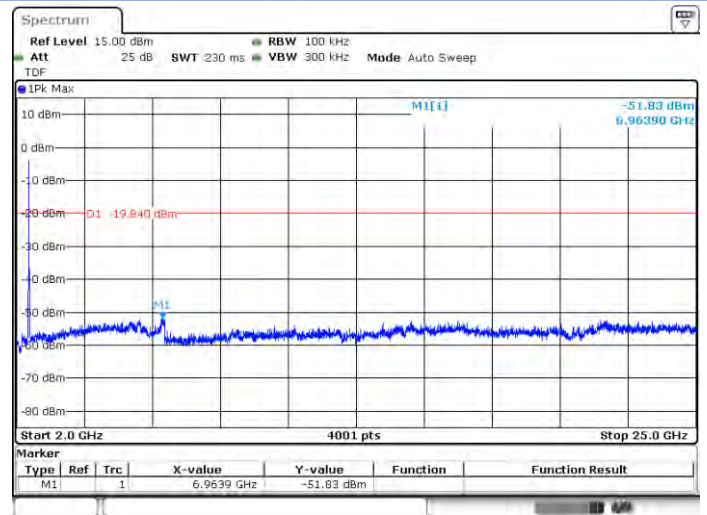
802.11ax-20 MHz (SU) LOW CHANNEL CARRIER LEVEL



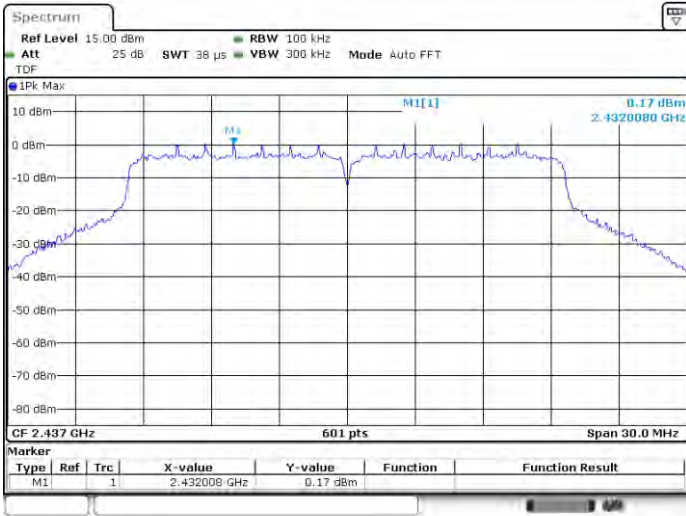
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



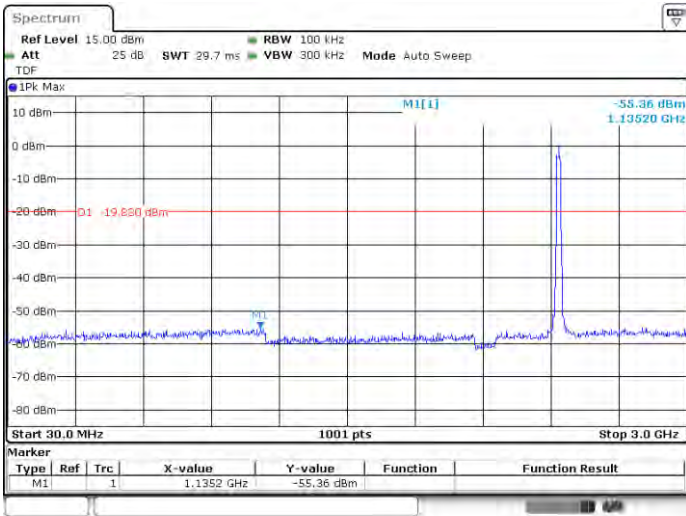
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



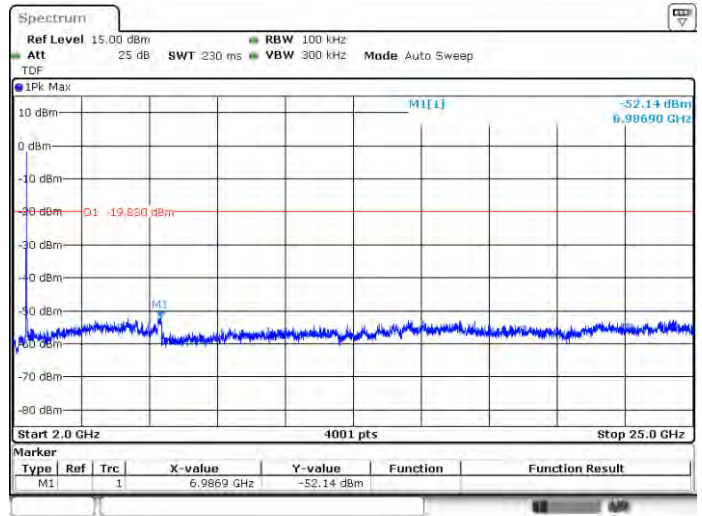
802.11ax-20 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

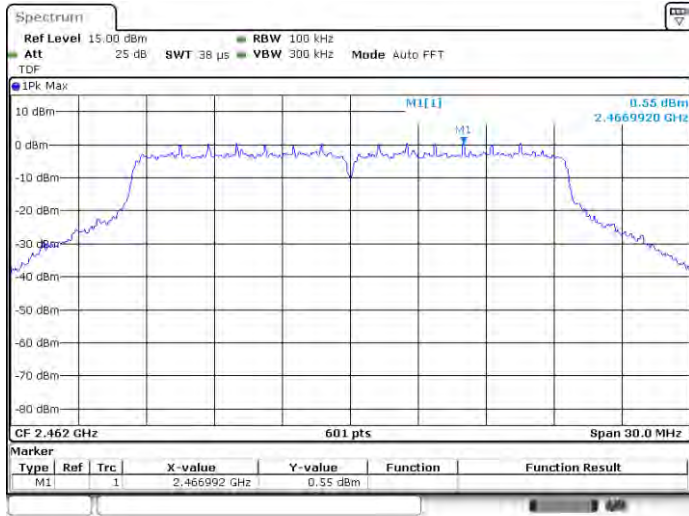


802.11ax-20 MHz (SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

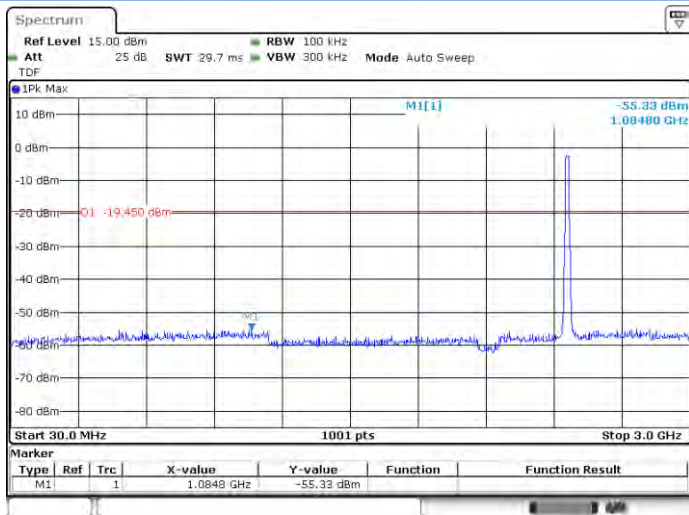




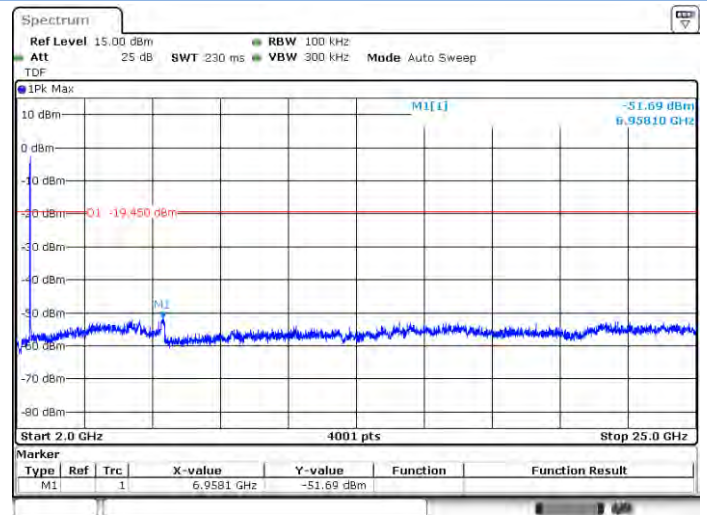
802.11ax-20 MHz (SU) HIGH CHANNEL CARRIER LEVEL



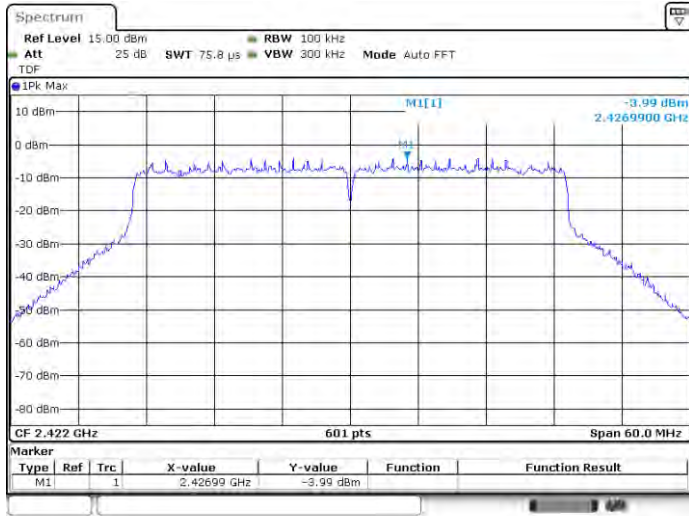
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



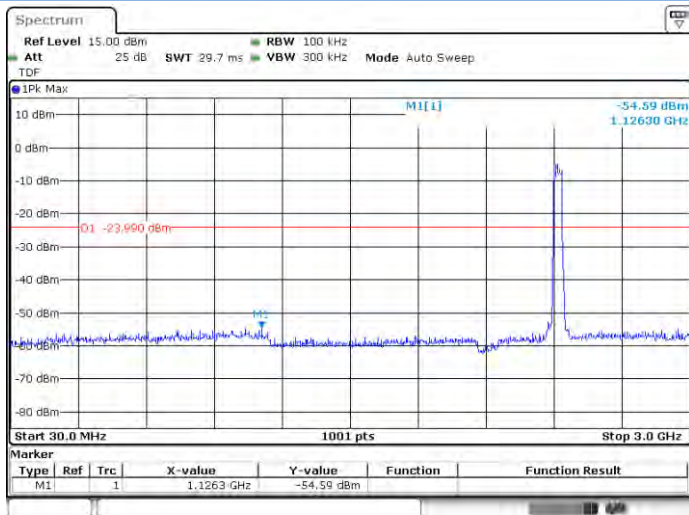
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



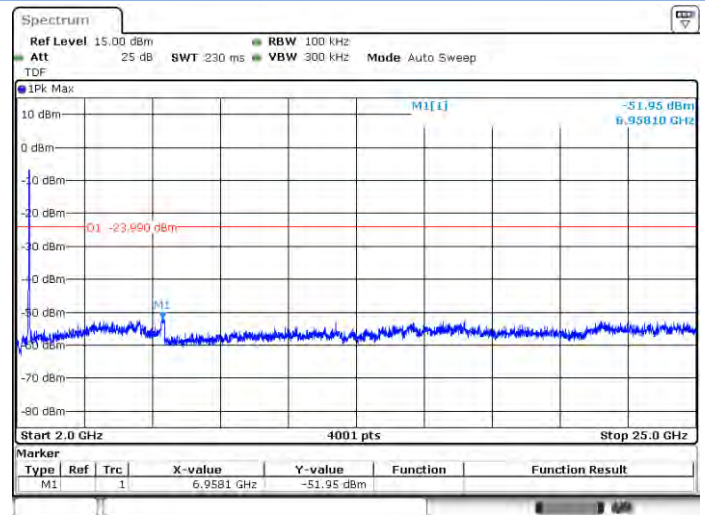
802.11ax-40 MHz (SU) LOW CHANNEL CARRIER LEVEL



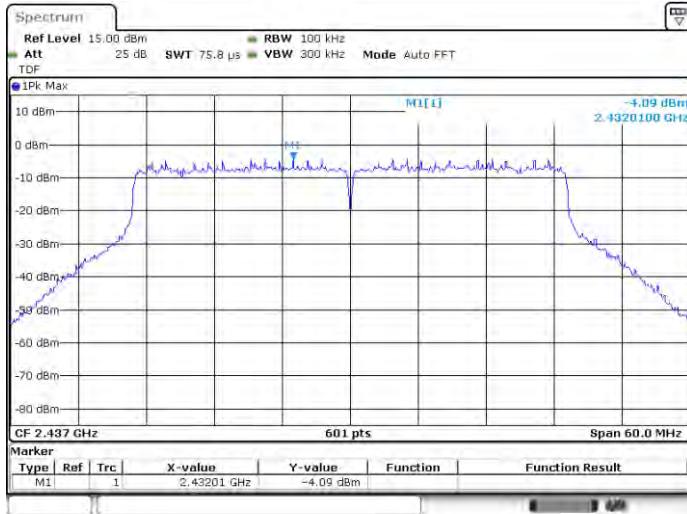
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



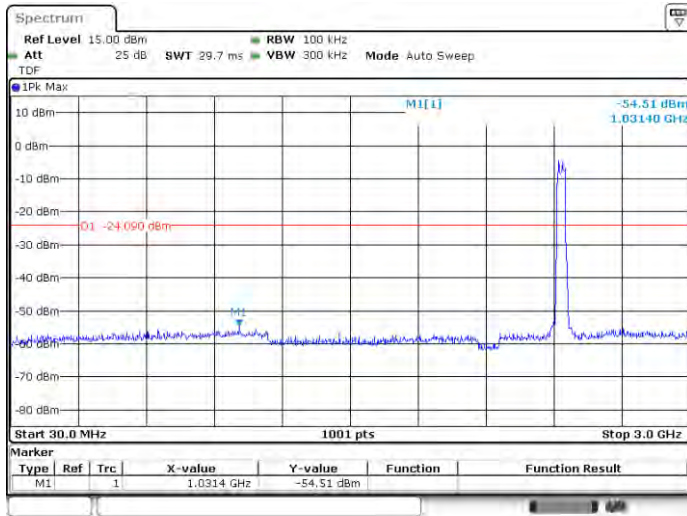
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



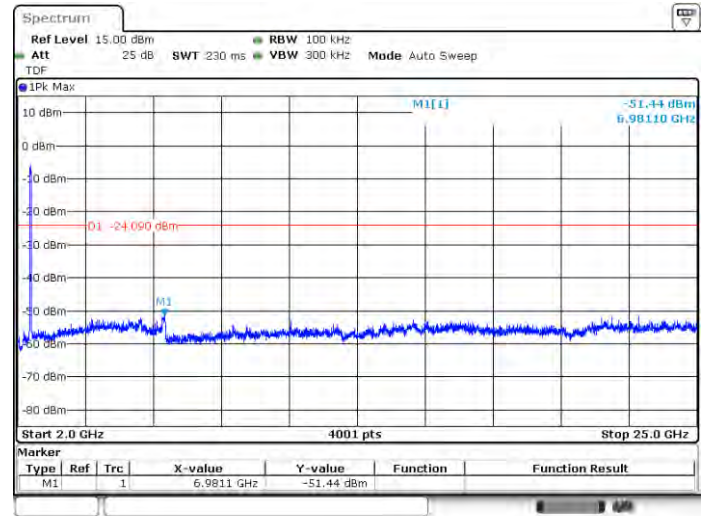
802.11ax-40 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



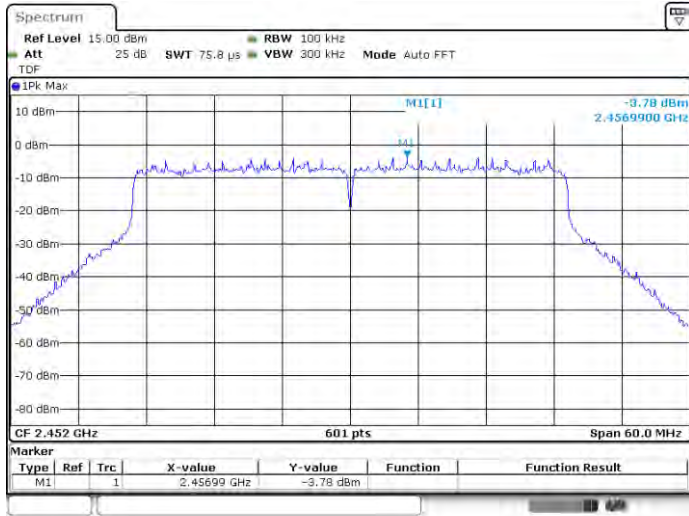
802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



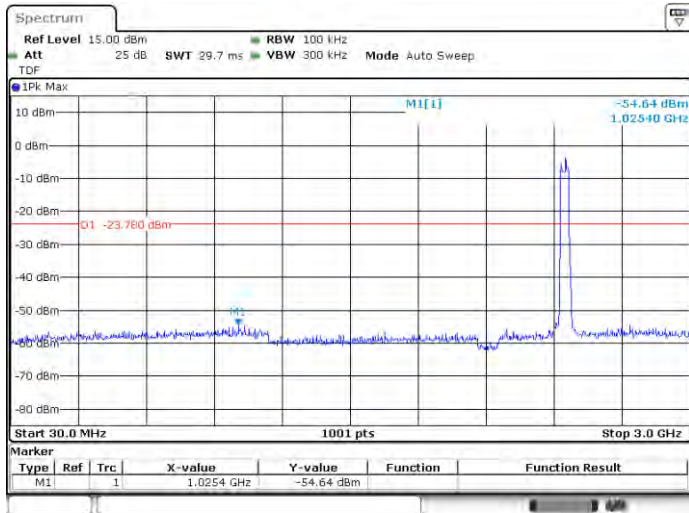
802.11ax-40 MHz (SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



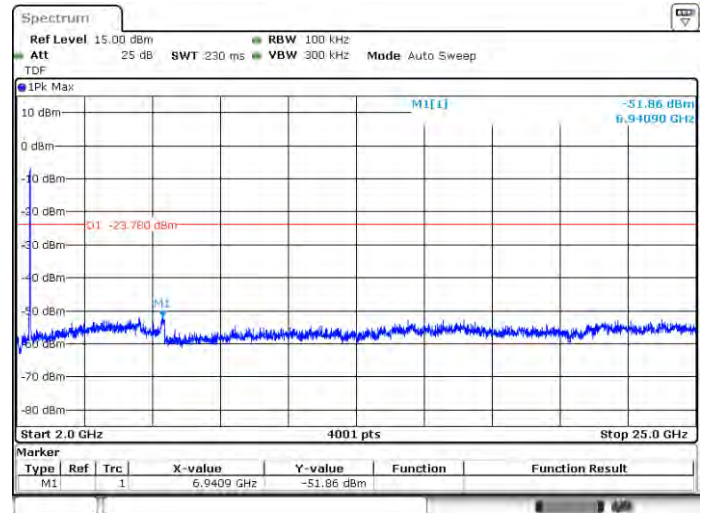
802.11ax-40 MHz (SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 MHz (SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz





## A.4 Band Edge (Authorized-band band-edge)

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.

### Test Data

#### Main Antenna

##### 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-47.35	7.55	-12.45	Pass
High Channel	-48.61	6.89	-13.11	Pass

##### 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.81	4.89	-15.11	Pass
High Channel	-48.22	4.31	-15.69	Pass

##### 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.11	3.06	-16.94	Pass
High Channel	-48.37	2.45	-17.55	Pass

##### 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.63	-1.45	-21.45	Pass
High Channel	-47.61	1.61	-18.39	Pass

##### 802.11ax-20 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.38	2.59	-17.41	Pass
High Channel	-47.92	2.67	-17.33	Pass

## 802.11ax-40 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.81	-1.41	-21.41	Pass
High Channel	-47.59	-1.78	-21.78	Pass

Aux. Antenna

## 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.13	7.51	-12.49	Pass
High Channel	-48.66	6.96	-13.04	Pass

## 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.52	3.96	-16.04	Pass
High Channel	-48.12	3.82	-16.18	Pass

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.48	2.06	-17.94	Pass
High Channel	-48.22	1.48	-18.52	Pass

## 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.09	-2.49	-22.49	Pass
High Channel	-48.26	-2.53	-22.53	Pass

## 802.11ax-20 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.97	1.67	-18.33	Pass
High Channel	-47.94	1.93	-18.07	Pass

## 802.11ax-40 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.96	-2.41	-22.41	Pass
High Channel	-48.04	-2.35	-22.35	Pass

## MIMO-Main Antenna

## 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.71	4.95	-15.05	Pass
High Channel	-48.36	4.54	-15.46	Pass

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.89	3.16	-16.84	Pass
High Channel	-48.06	2.61	-17.39	Pass

## 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.17	-1.65	-21.65	Pass
High Channel	-47.54	-1.62	-21.62	Pass

## 802.11ax-20 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.44	2.66	-17.34	Pass
High Channel	-48.05	2.80	-17.20	Pass

## 802.11ax-40 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.34	-1.77	-21.77	Pass
High Channel	-47.67	-1.47	-21.47	Pass

**MIMO-Aux. Antenna**
**802.11g Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.95	2.66	-17.34	Pass
High Channel	-49.17	2.40	-17.60	Pass

**802.11n-20 MHz Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.86	0.60	-19.40	Pass
High Channel	-49.37	0.24	-19.76	Pass

**802.11n-40 MHz Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.97	-4.09	-24.09	Pass
High Channel	-49.86	-4.00	-24.00	Pass

**802.11ax-20 MHz (SU) Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.80	0.16	-19.84	Pass
High Channel	-49.15	0.55	-19.45	Pass

**802.11ax-40 MHz (SU) Mode:**

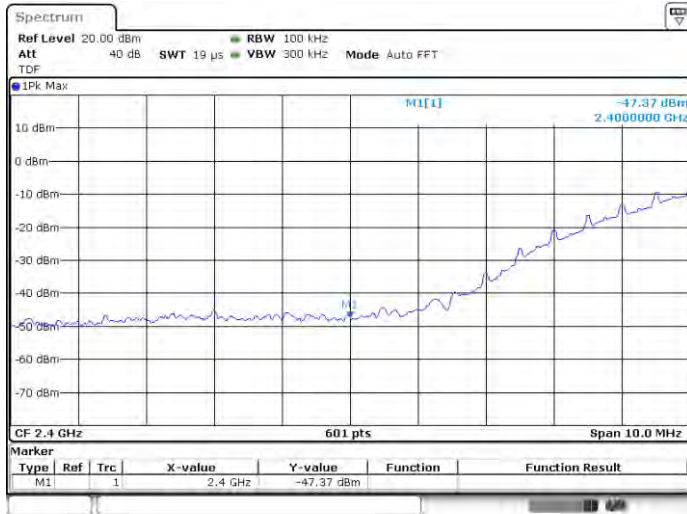
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.67	-3.99	-23.99	Pass
High Channel	-49.76	-3.78	-23.78	Pass



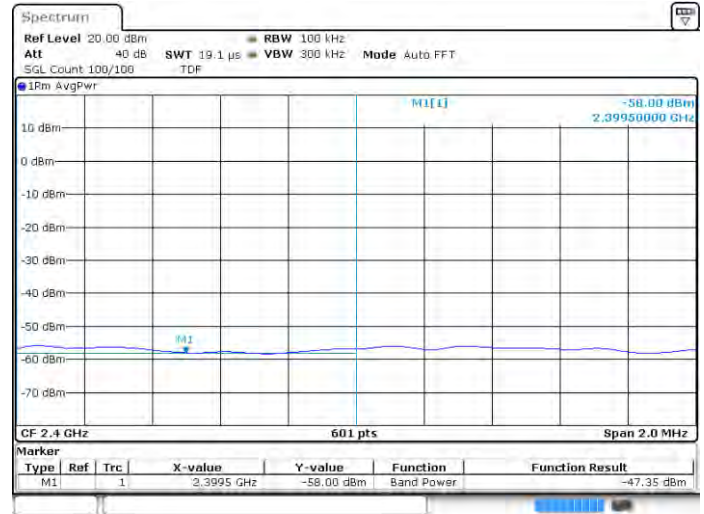
Test Plots

Main Antenna

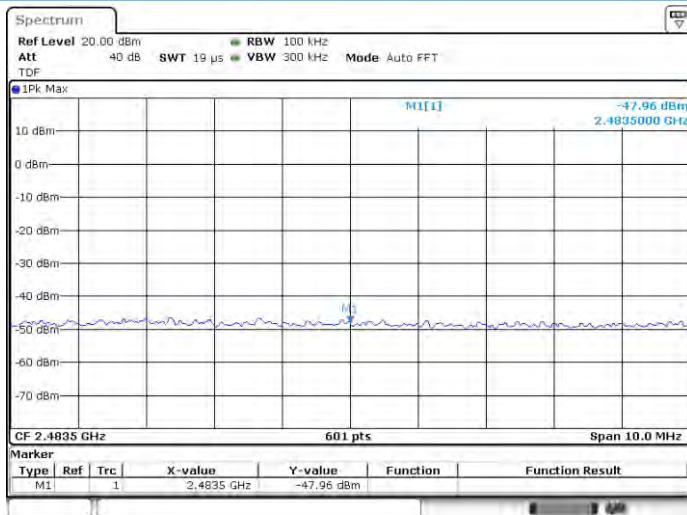
802.11b LOW CHANNEL, Carrier level



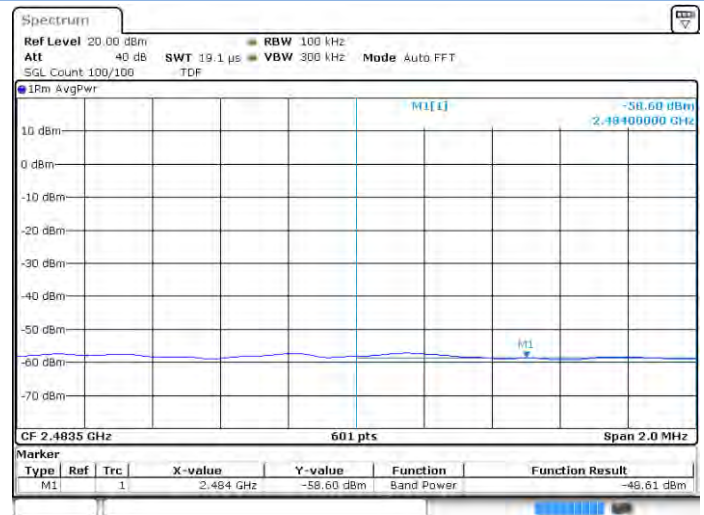
802.11b LOW CHANNEL, Reference level



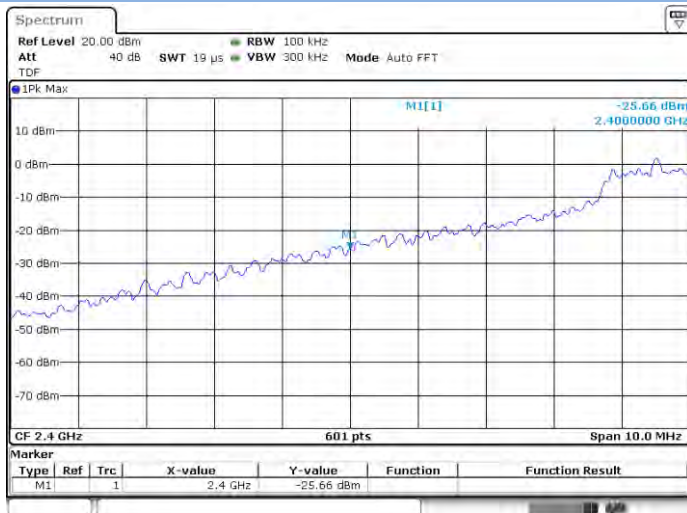
802.11b HIGH CHANNEL, Carrier level



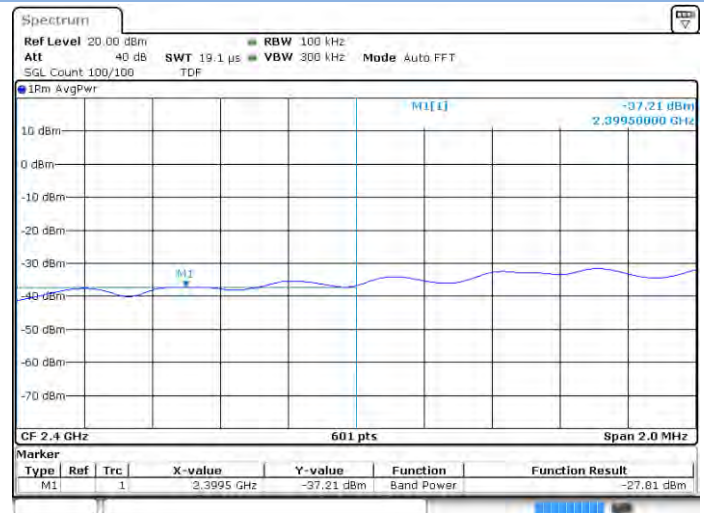
802.11b HIGH CHANNEL, Reference level



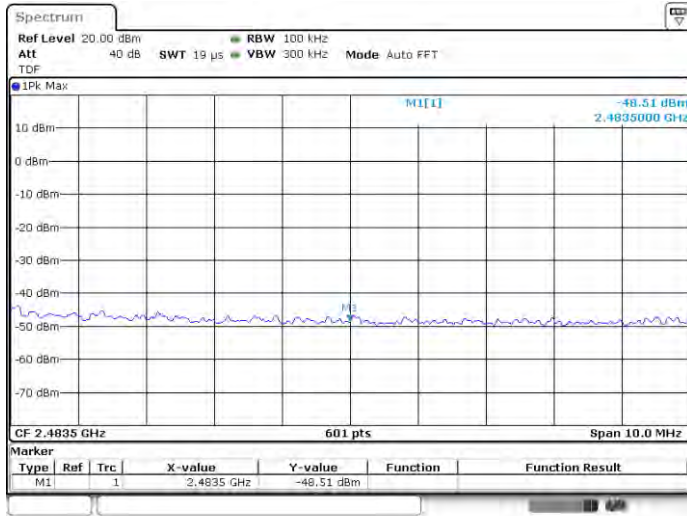
802.11g LOW CHANNEL, Carrier level



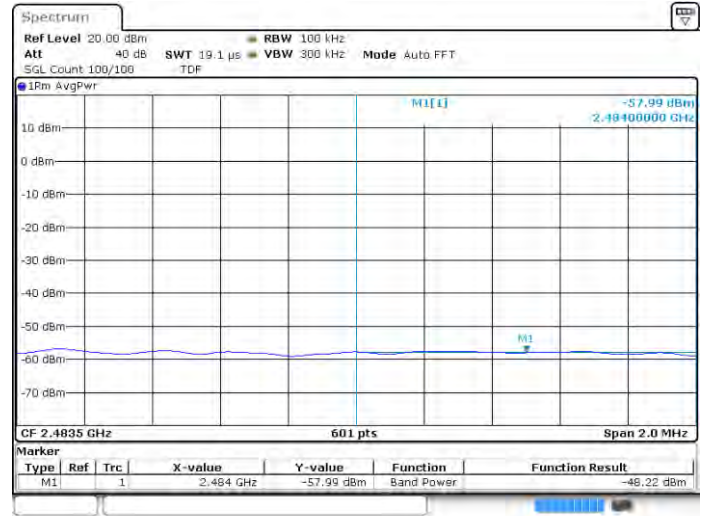
802.11g LOW CHANNEL, Reference level



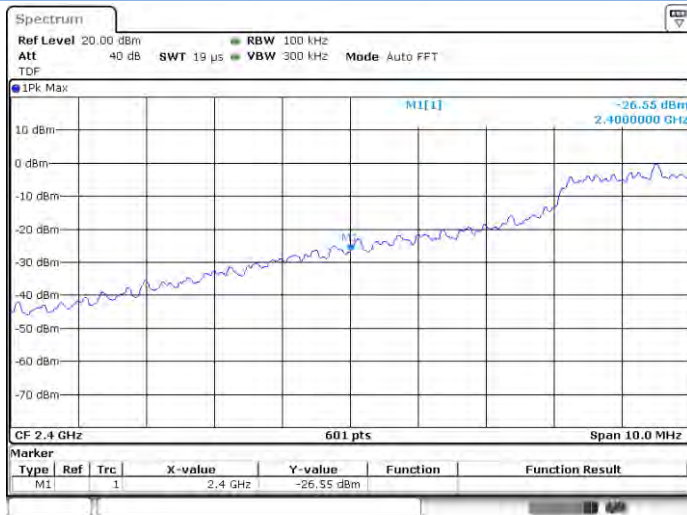
802.11g HIGH CHANNEL, Carrier level



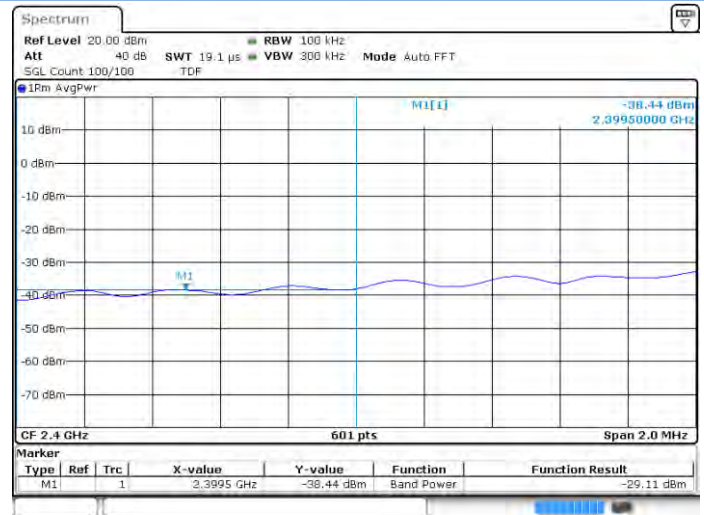
802.11g HIGH CHANNEL, Reference level



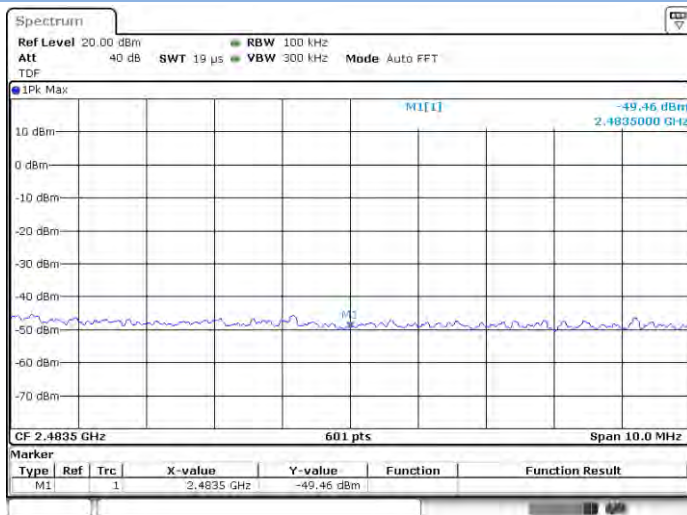
802.11n-20 MHz LOW CHANNEL, Carrier level



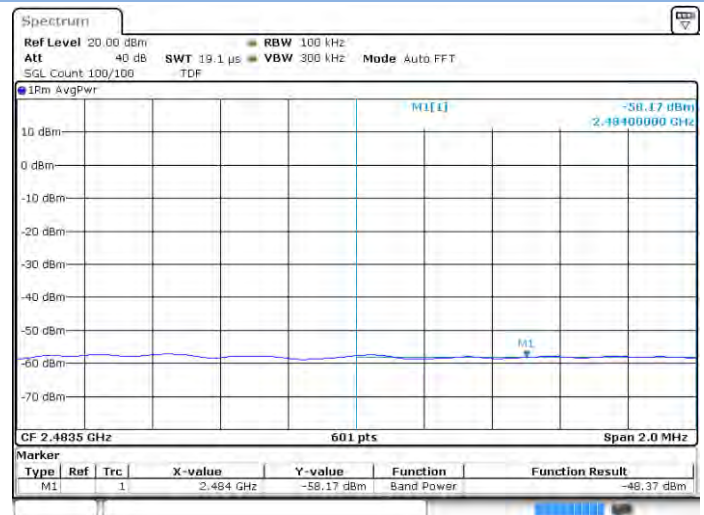
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

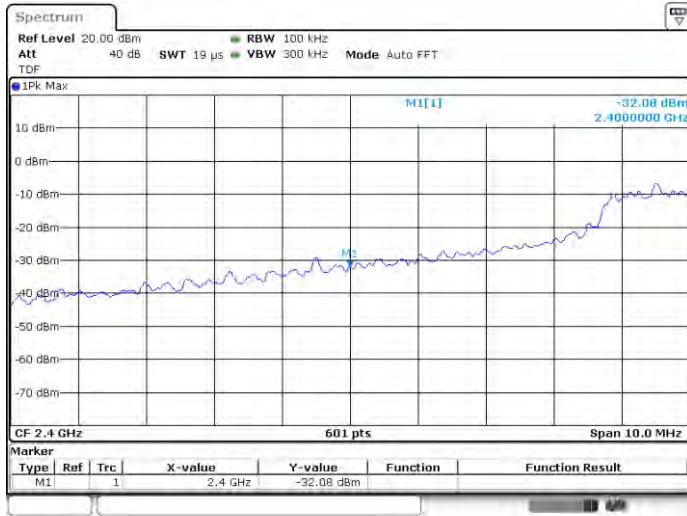


802.11n-20 MHz HIGH CHANNEL, Reference level

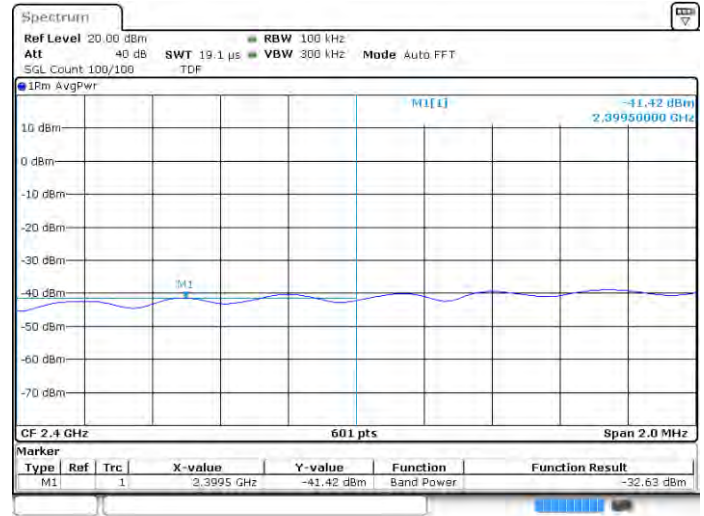




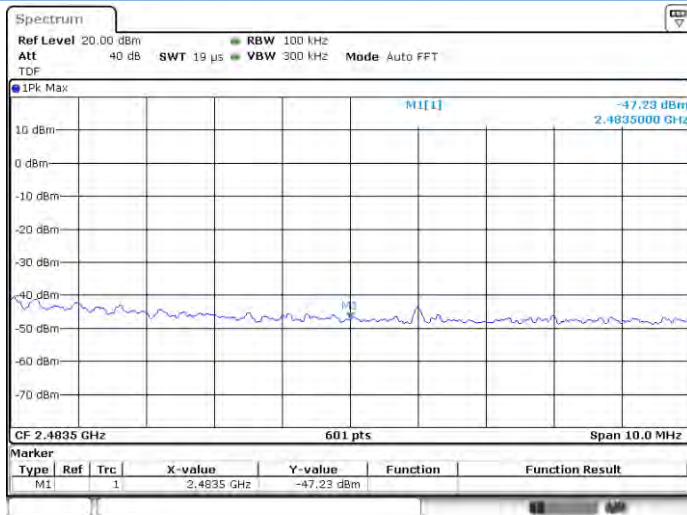
802.11n-40 MHz LOW CHANNEL, Carrier level



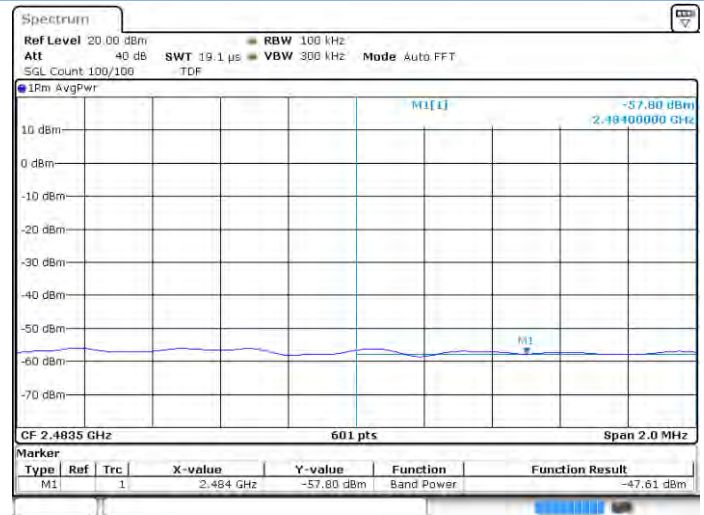
802.11n-40 MHz LOW CHANNEL, Reference level



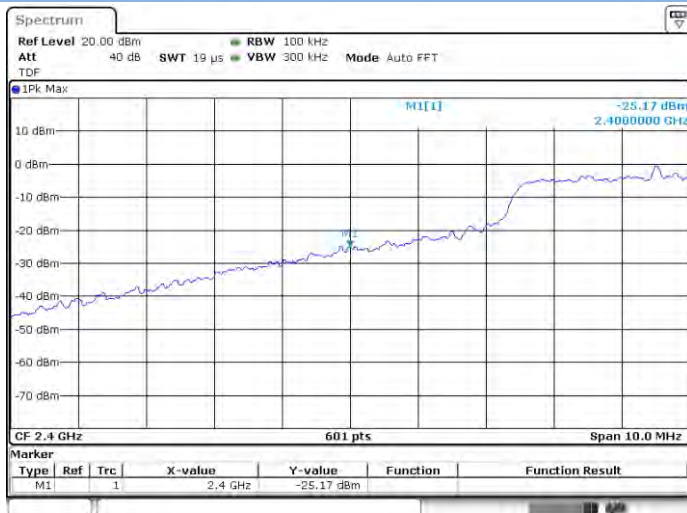
802.11n-40 MHz HIGH CHANNEL, Carrier level



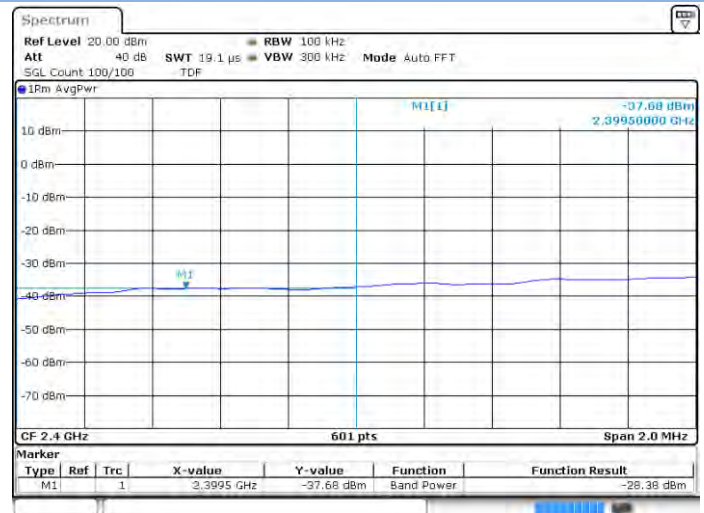
802.11n-40 MHz HIGH CHANNEL, Reference level



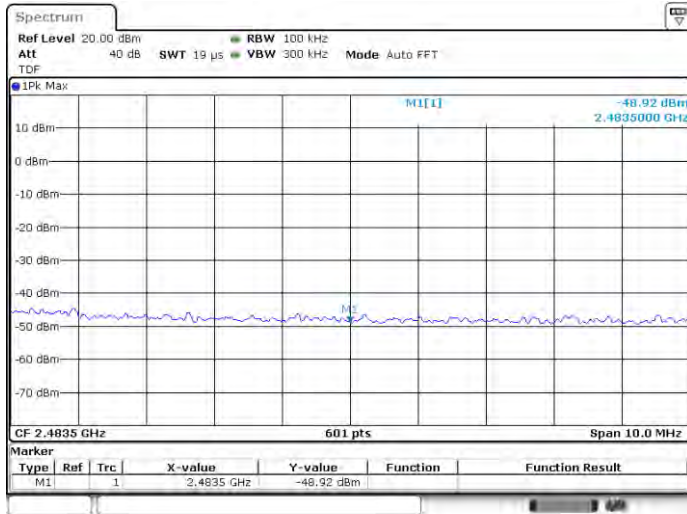
802.11ax-20 MHz (SU) LOW CHANNEL, Carrier level



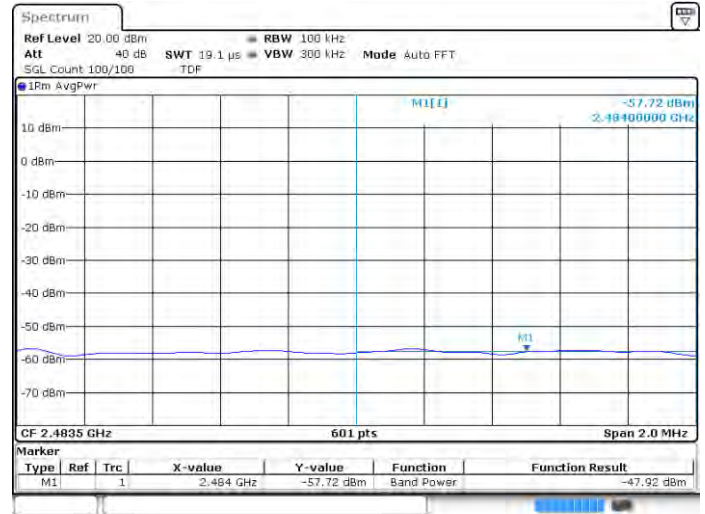
802.11ax-20 MHz (SU) LOW CHANNEL, Reference level



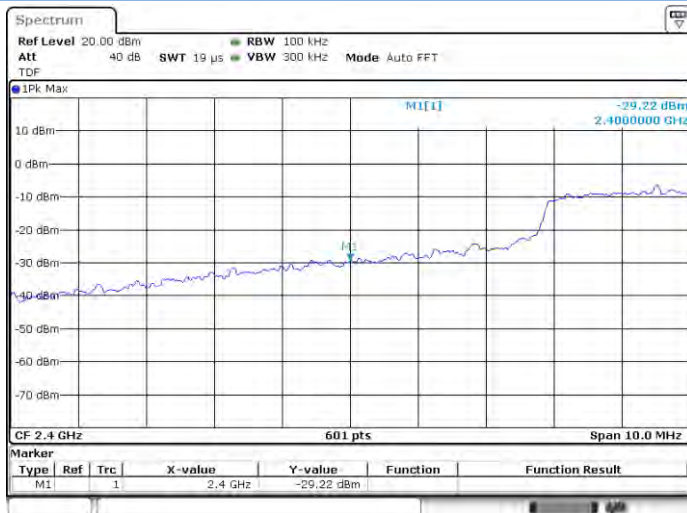
802.11ax-20 MHz (SU) HIGH CHANNEL, Carrier level



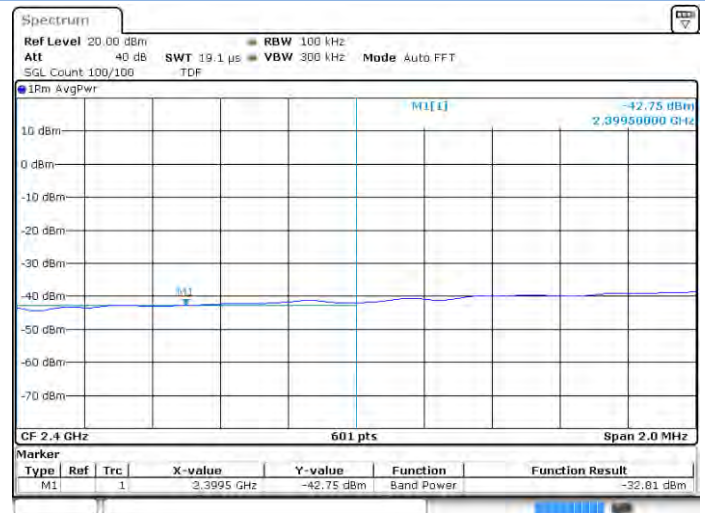
802.11ax-20 MHz (SU) HIGH CHANNEL, Reference level



802.11ax-40 MHz (SU) LOW CHANNEL, Carrier level



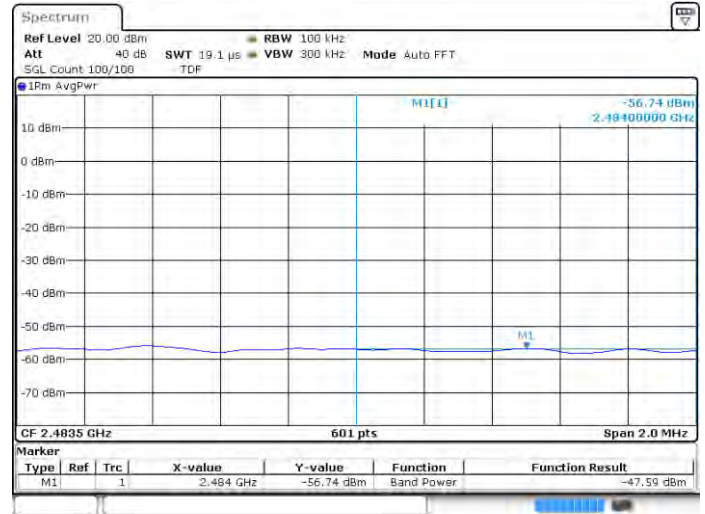
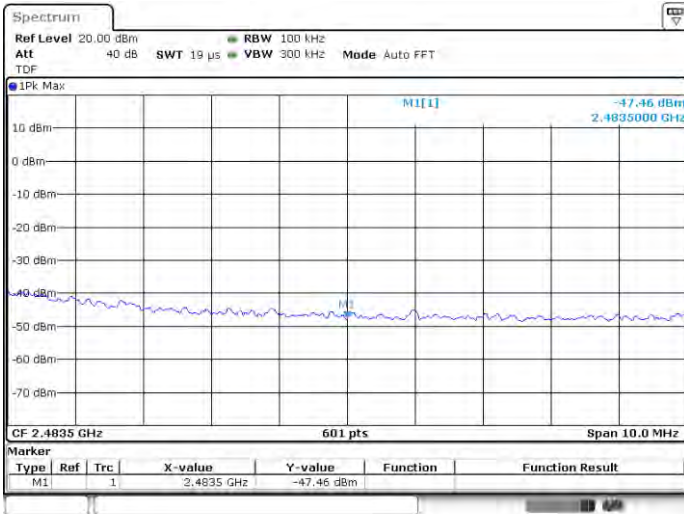
802.11ax-40 MHz (SU) LOW CHANNEL, Reference level





802.11ax-40 MHz (SU) HIGH CHANNEL, Carrier level

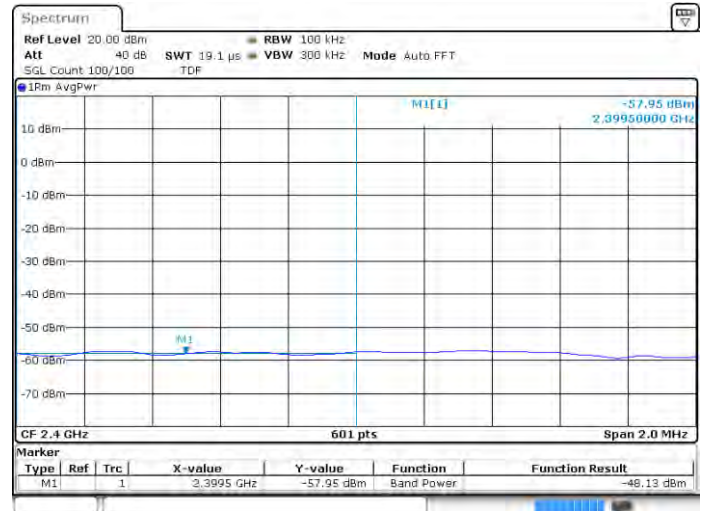
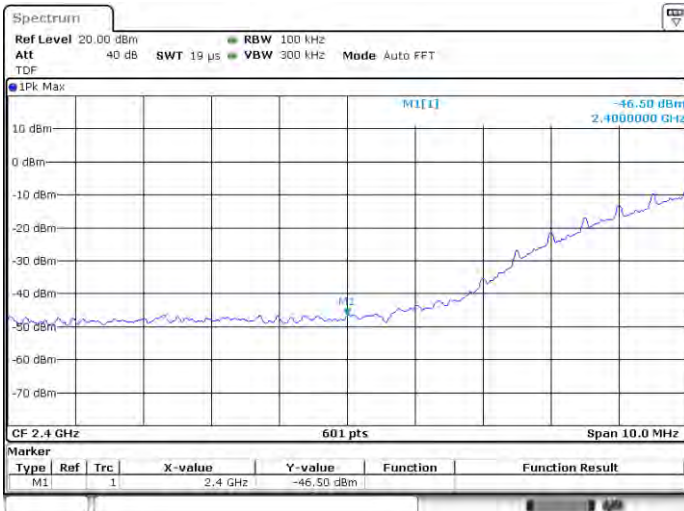
802.11ax-40 MHz (SU) HIGH CHANNEL, Reference level



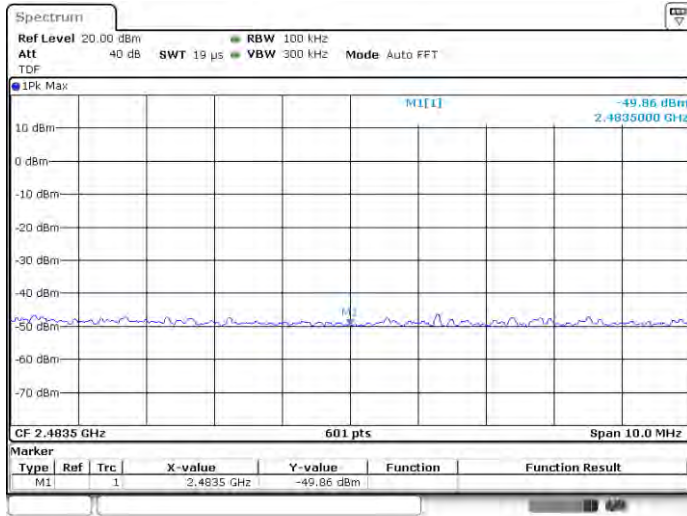
Aux. Antenna

802.11b LOW CHANNEL, Carrier level

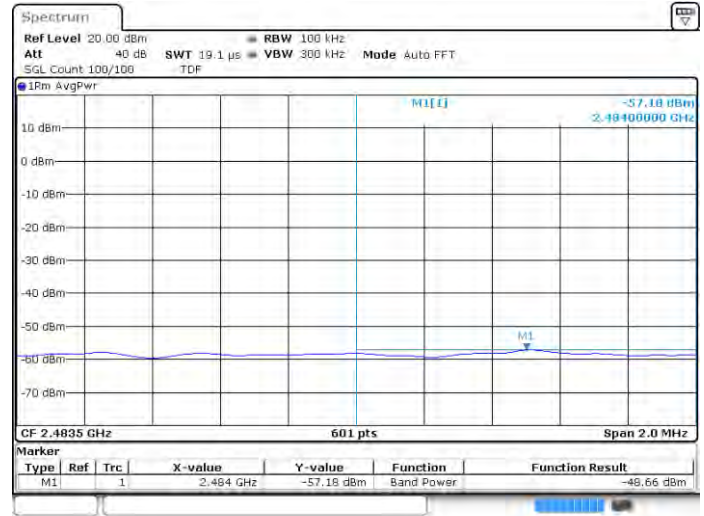
802.11b LOW CHANNEL, Reference level



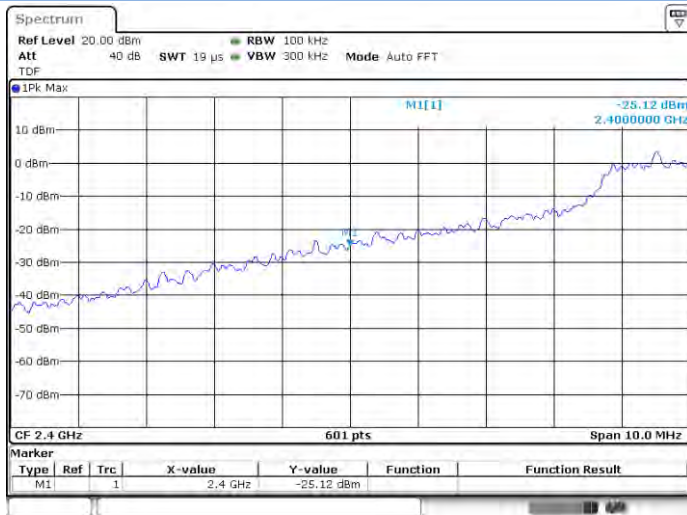
802.11b HIGH CHANNEL, Carrier level



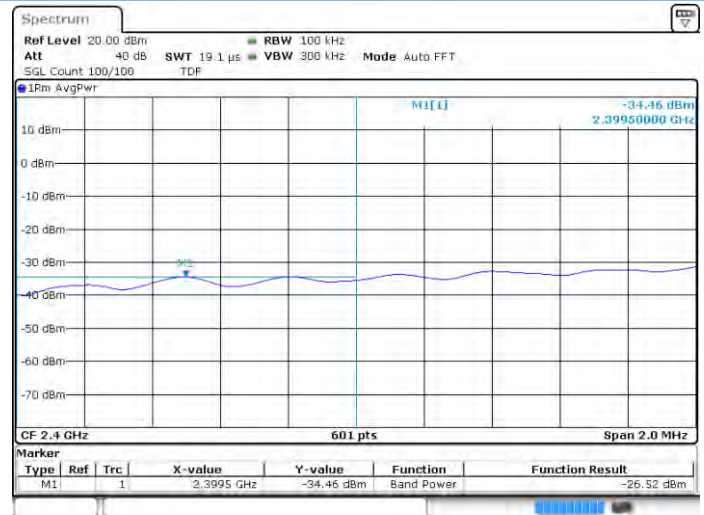
802.11b HIGH CHANNEL, Reference level



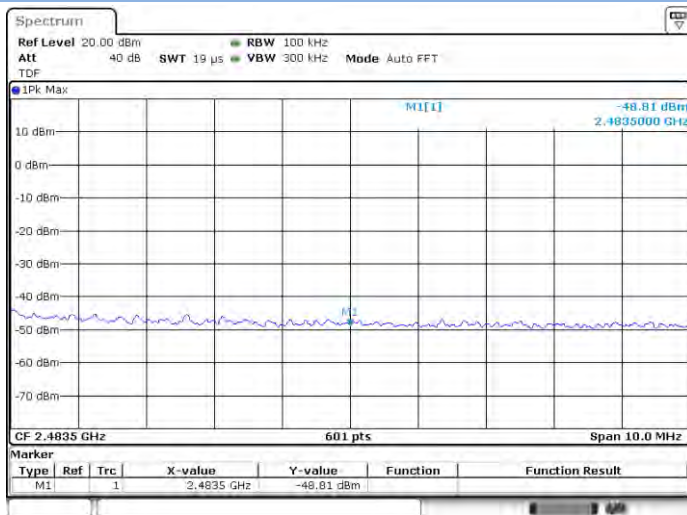
802.11g LOW CHANNEL, Carrier level



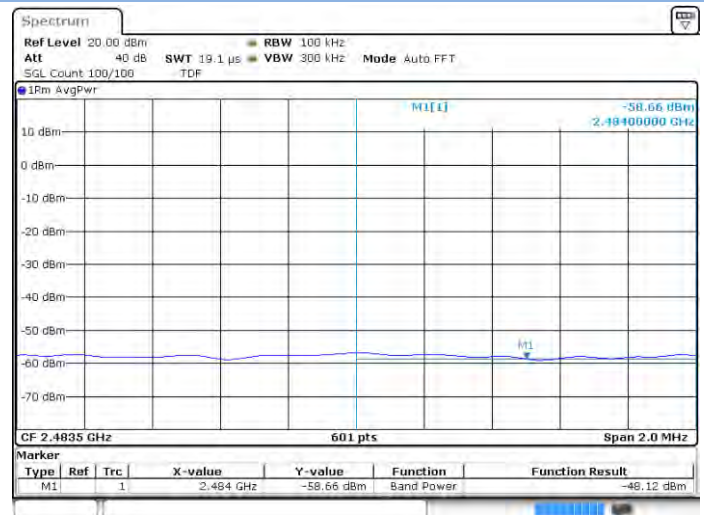
802.11g LOW CHANNEL, Reference level



802.11g HIGH CHANNEL, Carrier level

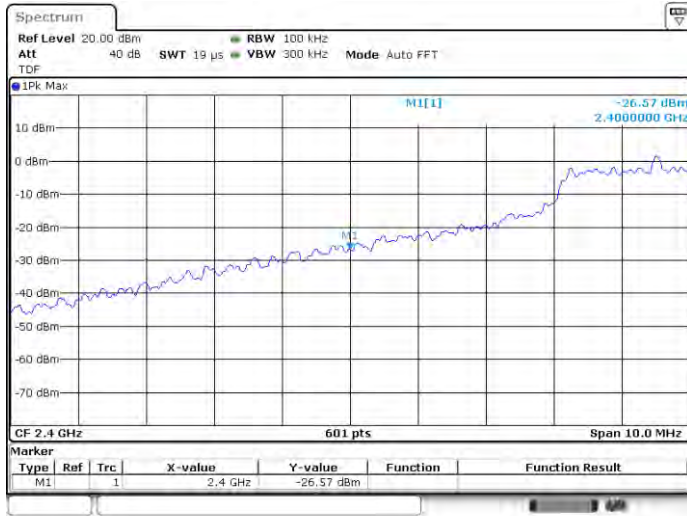


802.11g HIGH CHANNEL, Reference level

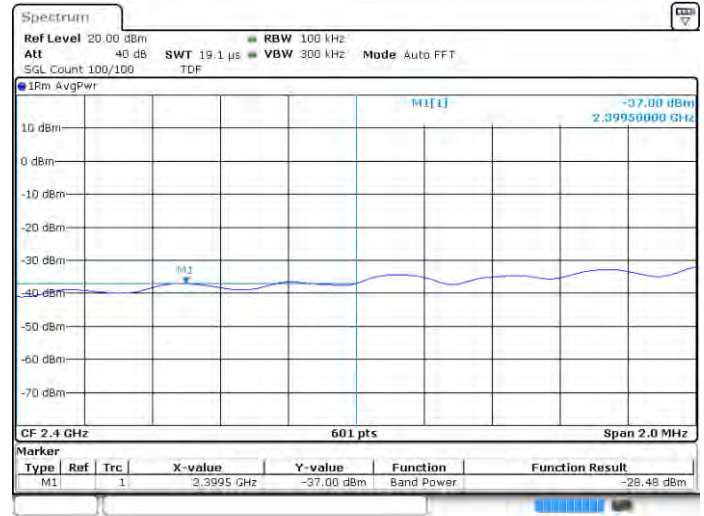




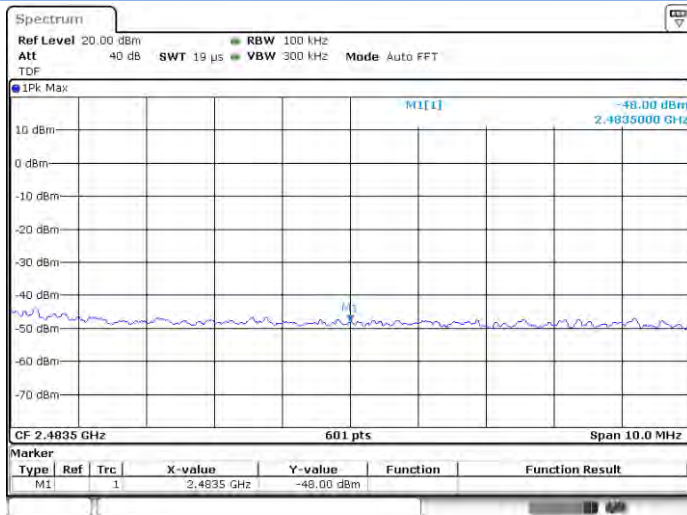
802.11n-20 MHz LOW CHANNEL, Carrier level



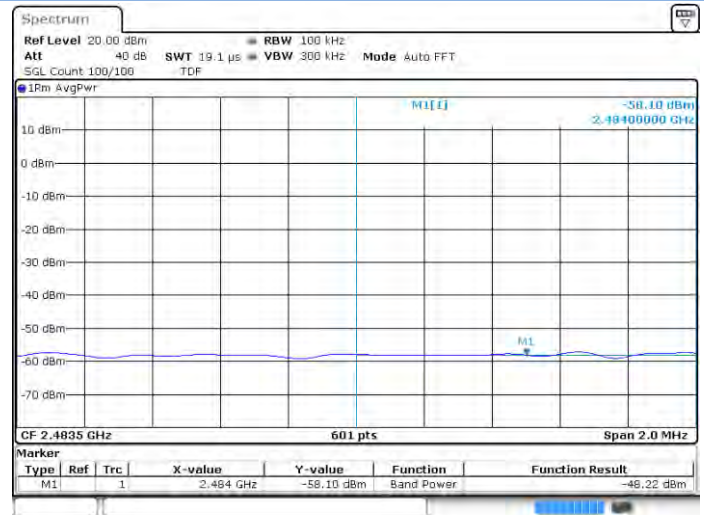
802.11n-20 MHz LOW CHANNEL, Reference level



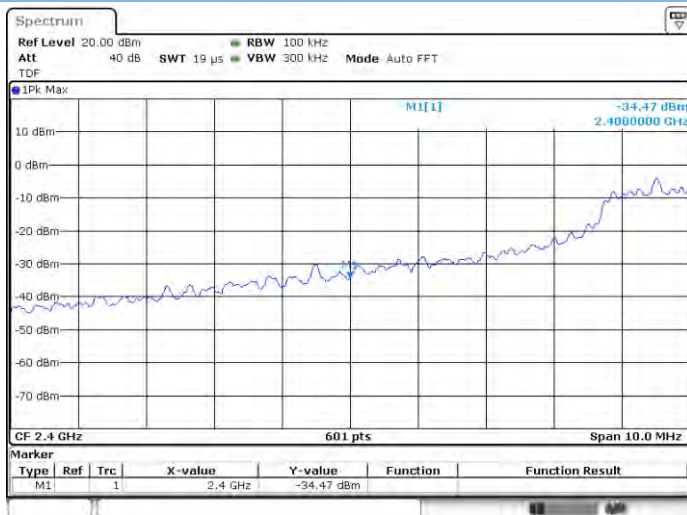
802.11n-20 MHz HIGH CHANNEL, Carrier level



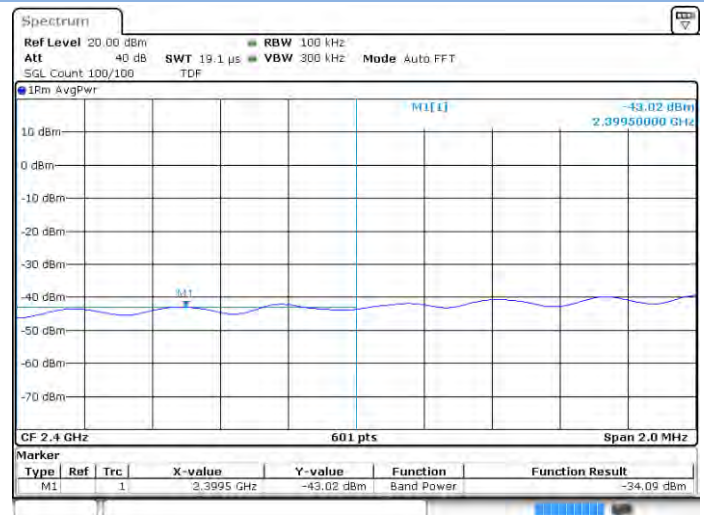
802.11n-20 MHz HIGH CHANNEL, Reference level



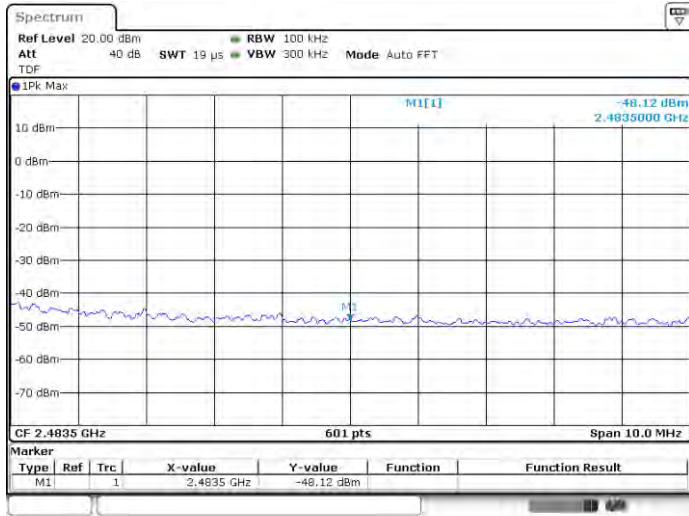
802.11n-40 MHz LOW CHANNEL, Carrier level



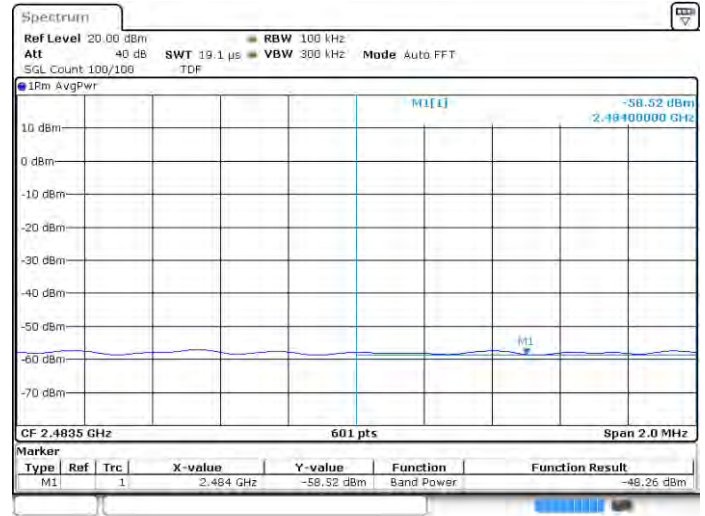
802.11n-40 MHz LOW CHANNEL, Reference level



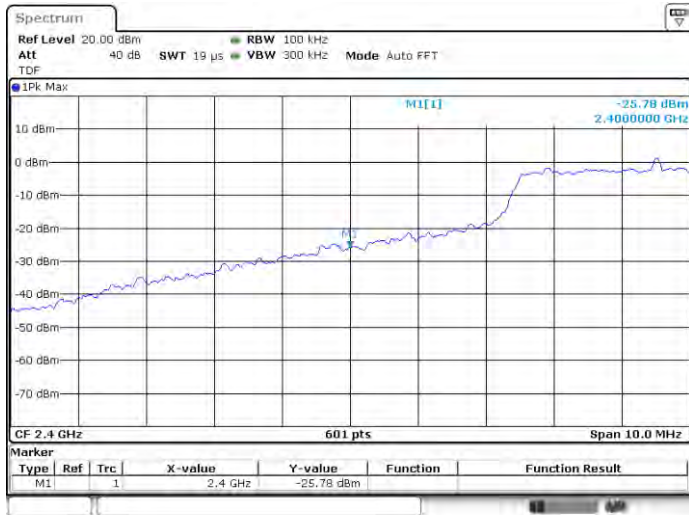
802.11n-40 MHz HIGH CHANNEL, Carrier level



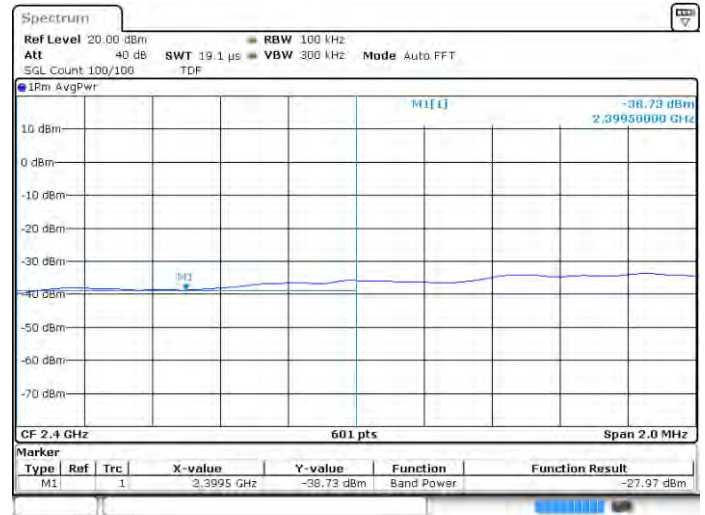
802.11n-40 MHz HIGH CHANNEL, Reference level



802.11ax-20 MHz (SU) LOW CHANNEL, Carrier level

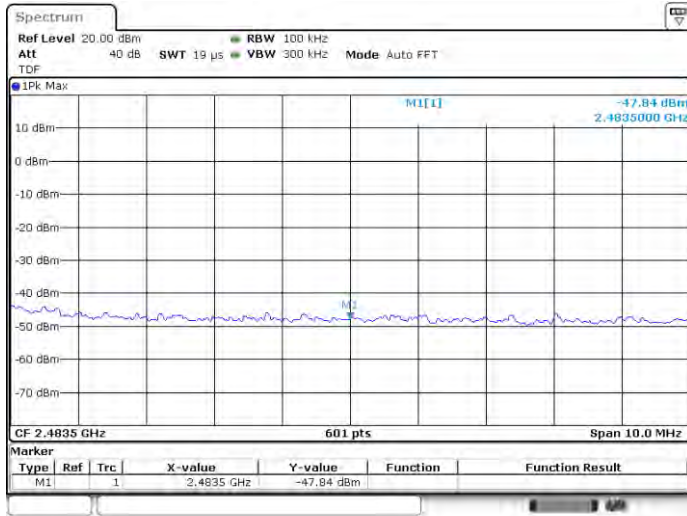


802.11ax-20 MHz (SU) LOW CHANNEL, Reference level

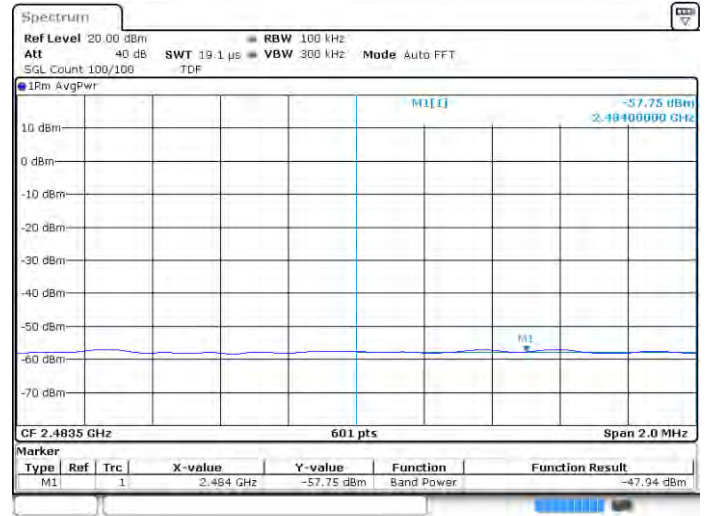




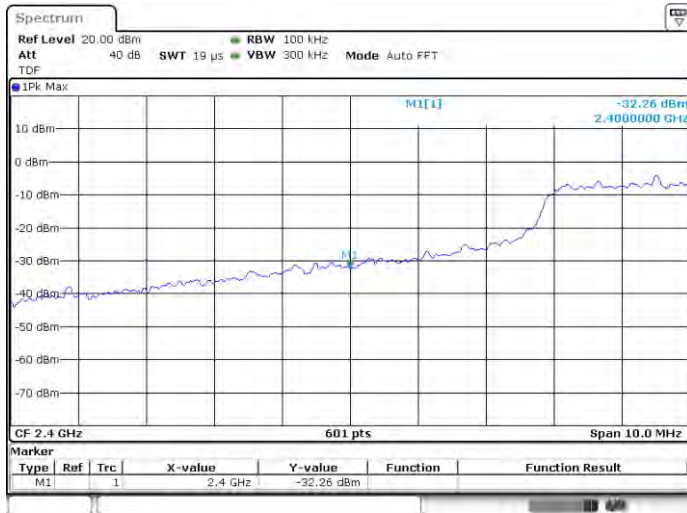
802.11ax-20 MHz (SU) HIGH CHANNEL, Carrier level



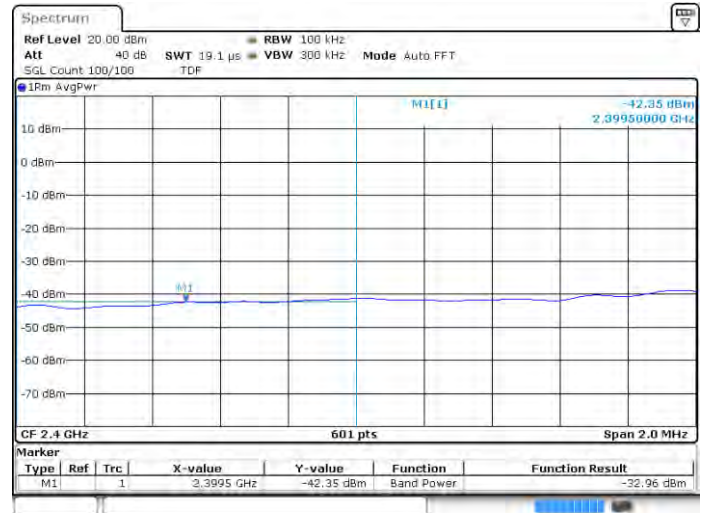
802.11ax-20 MHz (SU) HIGH CHANNEL, Reference level



802.11ax-40 MHz (SU) LOW CHANNEL, Carrier level

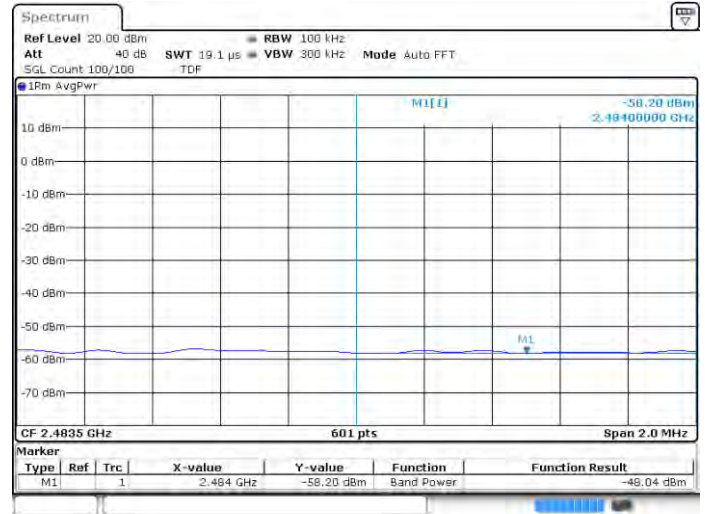
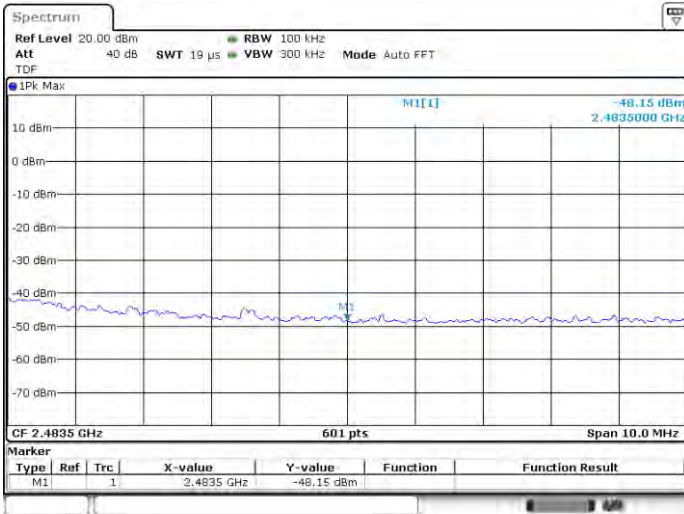


802.11ax-40 MHz (SU) LOW CHANNEL, Reference level



802.11ax-40 MHz (SU) HIGH CHANNEL, Carrier level

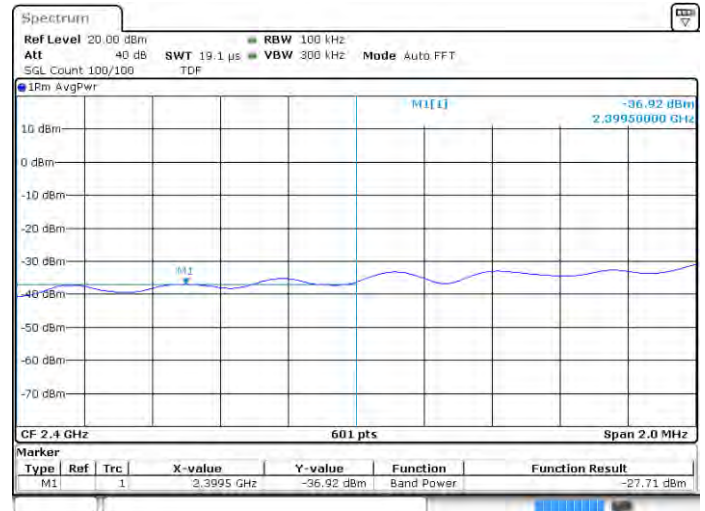
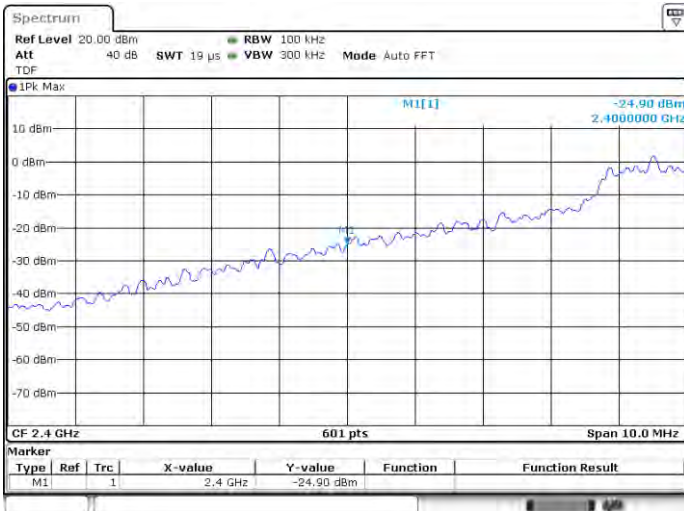
802.11ax-40 MHz (SU) HIGH CHANNEL, Reference level



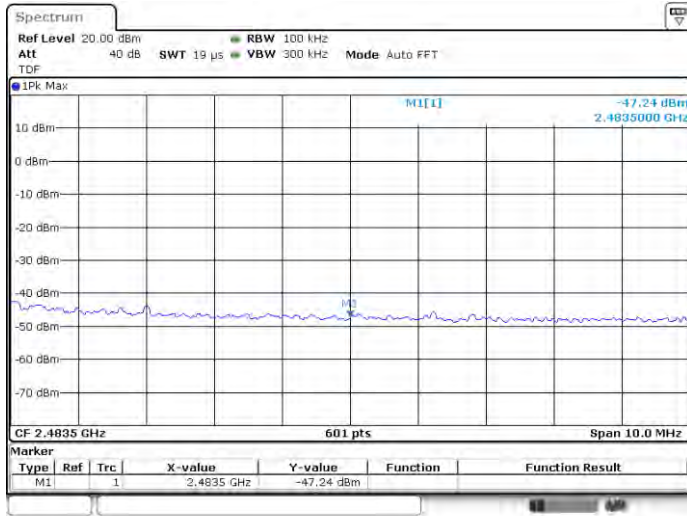
MIMO-Main Antenna

802.11g LOW CHANNEL, Carrier level

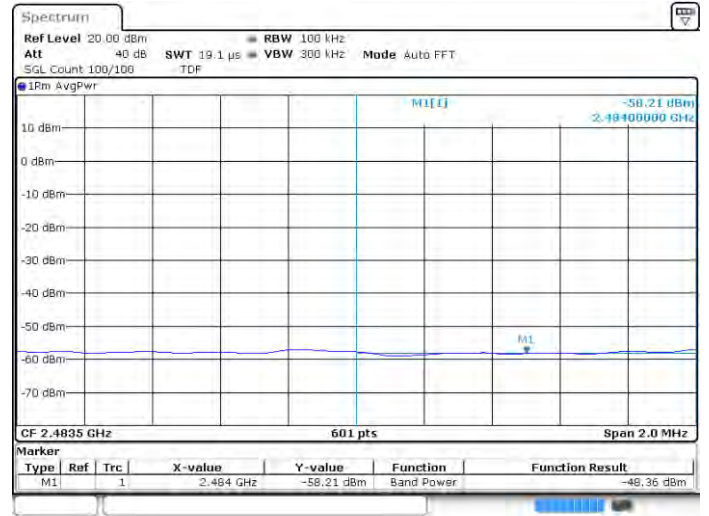
802.11g LOW CHANNEL, Reference level



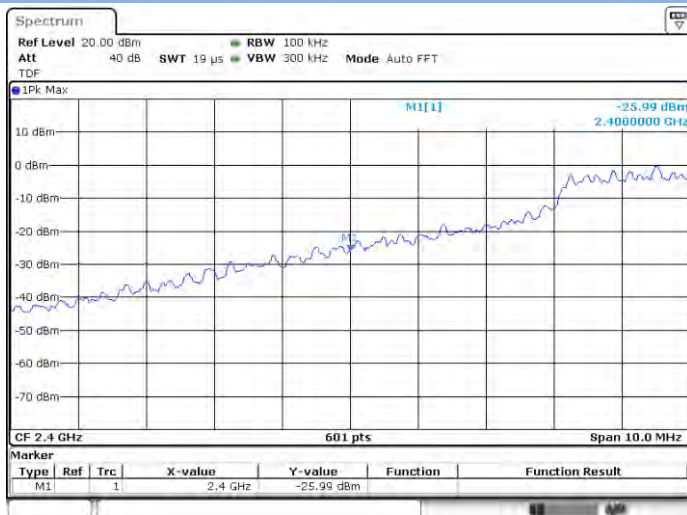
802.11g HIGH CHANNEL, Carrier level



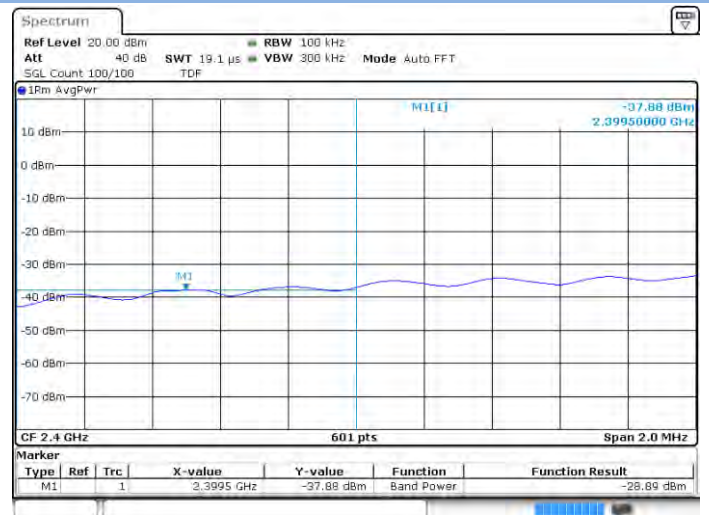
802.11g HIGH CHANNEL, Reference level



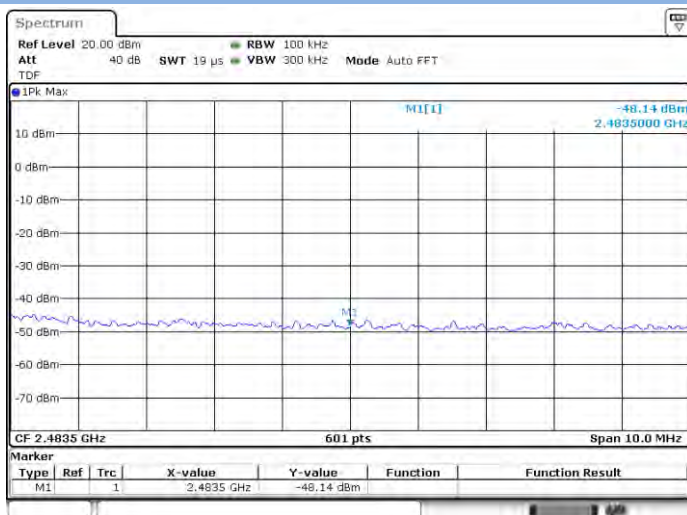
802.11n-20 MHz LOW CHANNEL, Carrier level



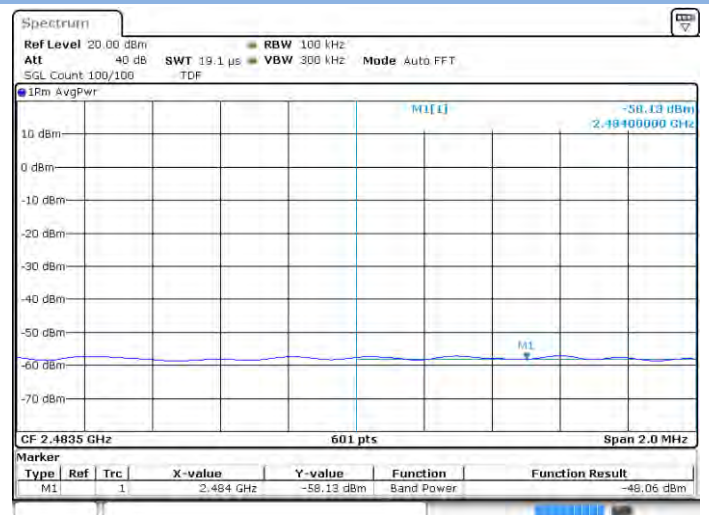
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

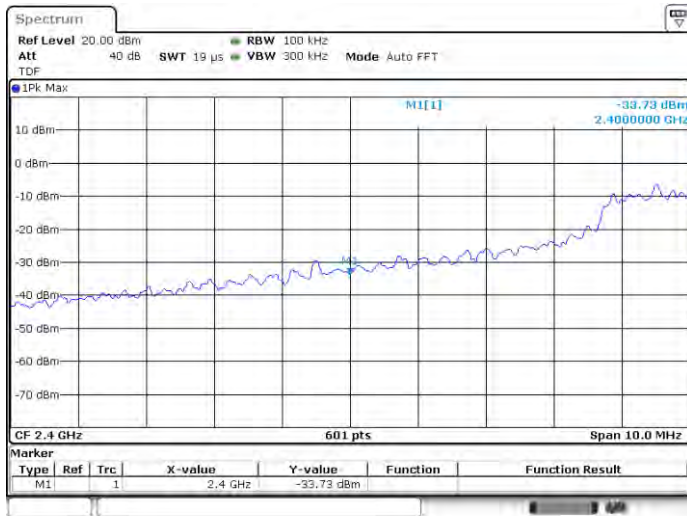


802.11n-20 MHz HIGH CHANNEL, Reference level

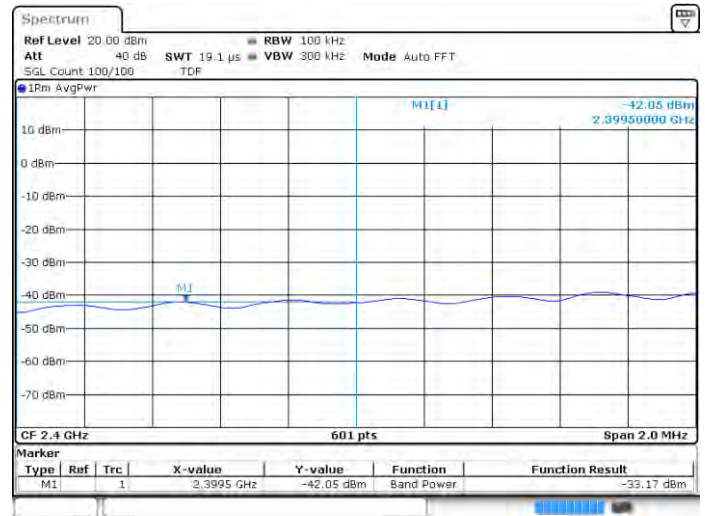




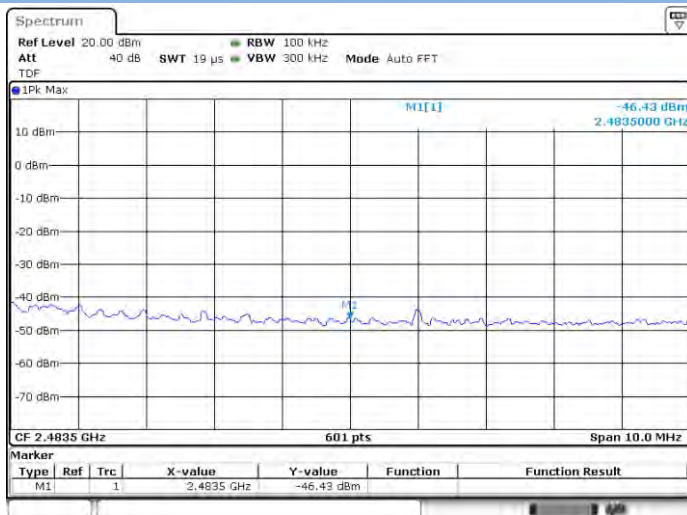
802.11n-40 MHz LOW CHANNEL, Carrier level



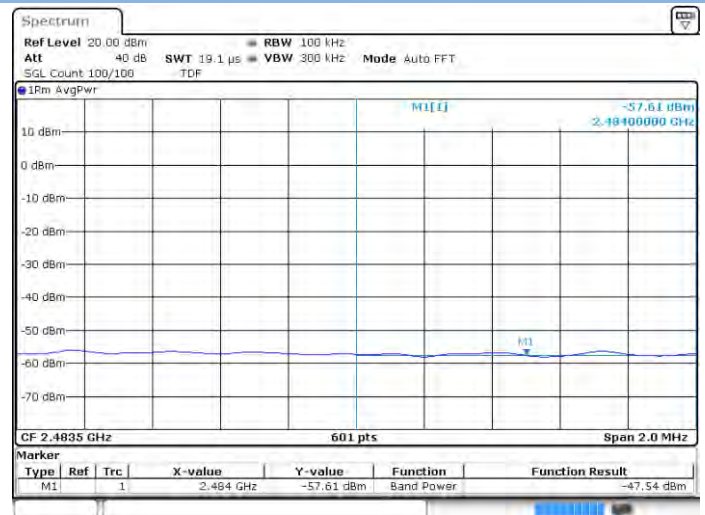
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



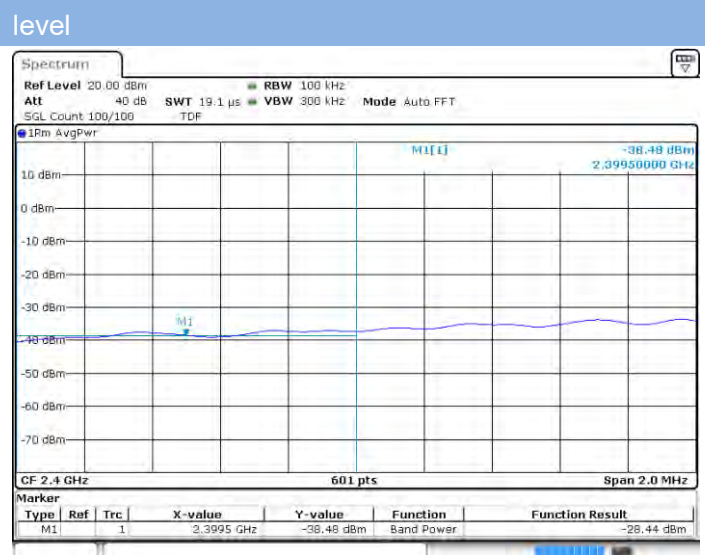
802.11n-40 MHz HIGH CHANNEL, Reference level



802.11ax-20 MHz (SU) LOW CHANNEL, Carrier level

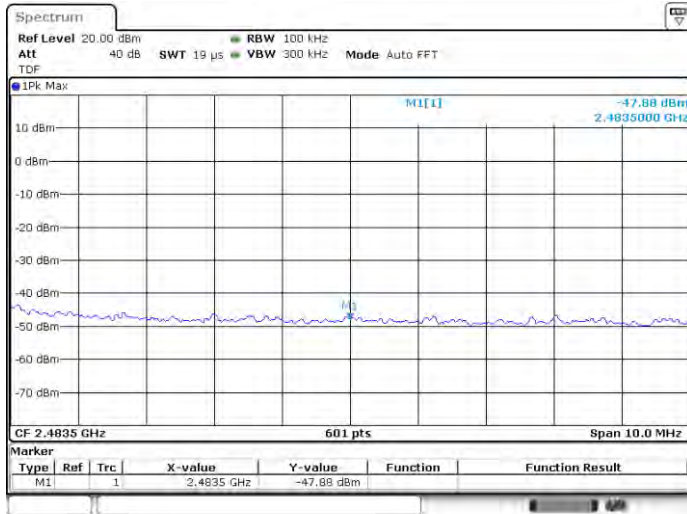


802.11ax-20 MHz (SU) LOW CHANNEL, Reference level

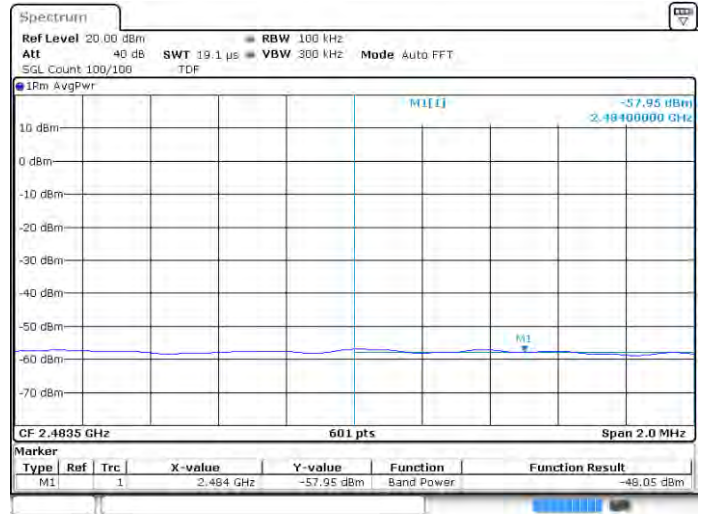




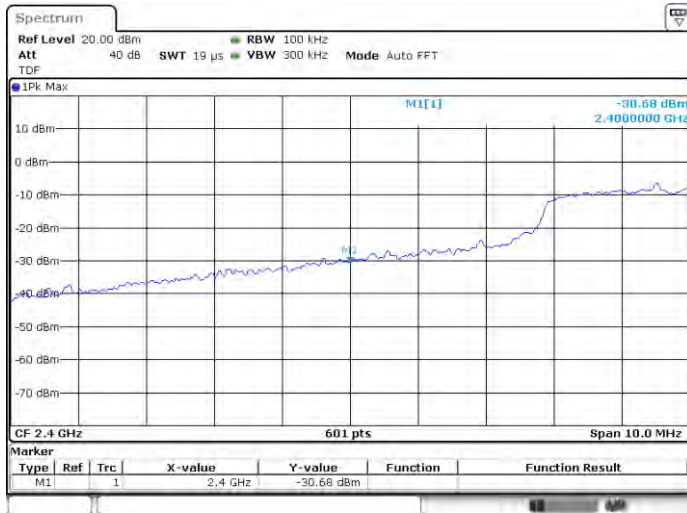
802.11ax-20 MHz (SU) HIGH CHANNEL, Carrier level



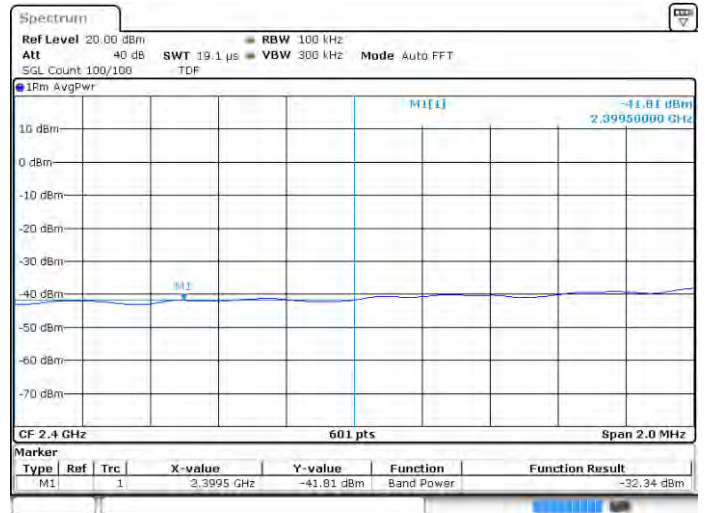
802.11ax-20 MHz (SU) HIGH CHANNEL, Reference level



802.11ax-40 MHz (SU) LOW CHANNEL, Carrier level

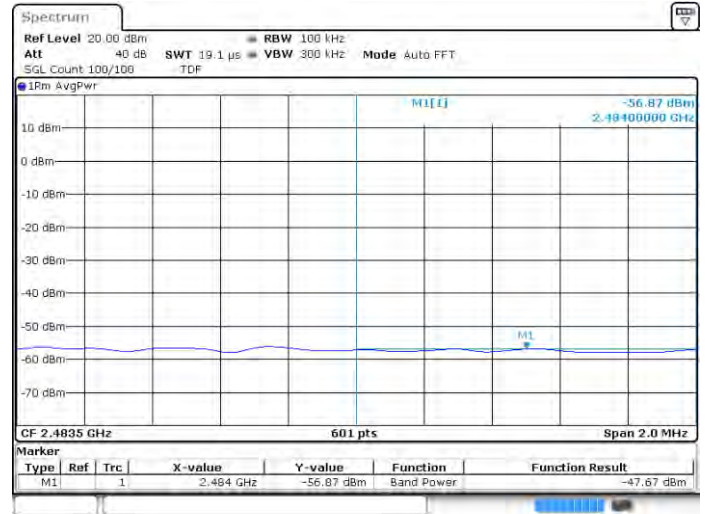
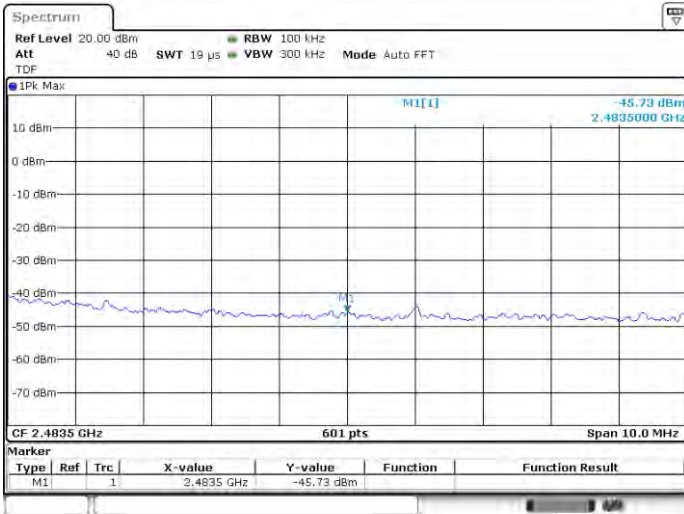


802.11ax-40 MHz (SU) LOW CHANNEL, Reference level



802.11ax-40 MHz (SU) HIGH CHANNEL, Carrier level

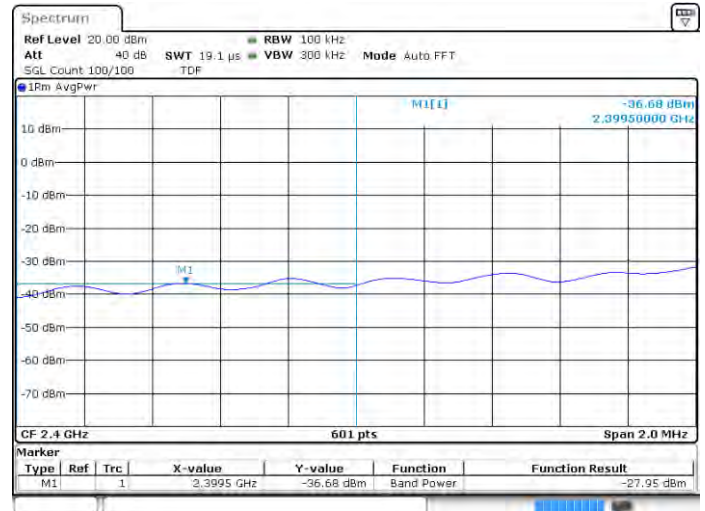
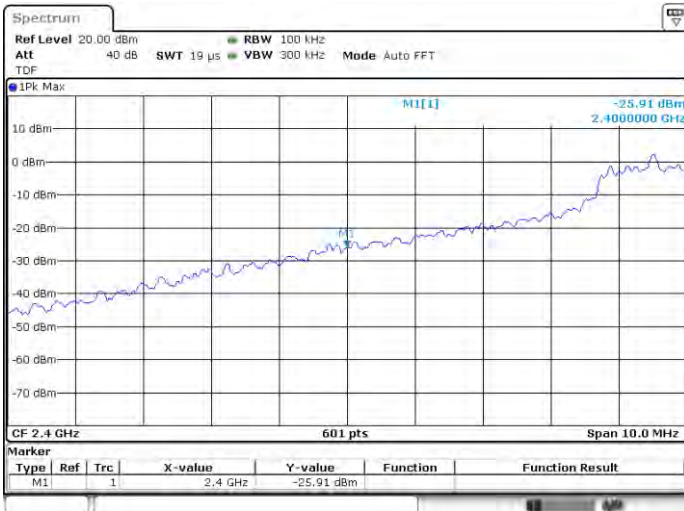
802.11ax-40 MHz (SU) HIGH CHANNEL, Reference level



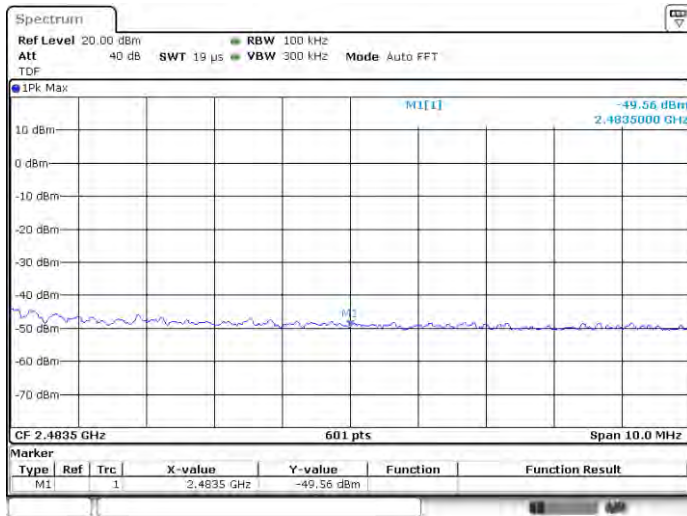
MIMO-Aux. Antenna

802.11g LOW CHANNEL, Carrier level

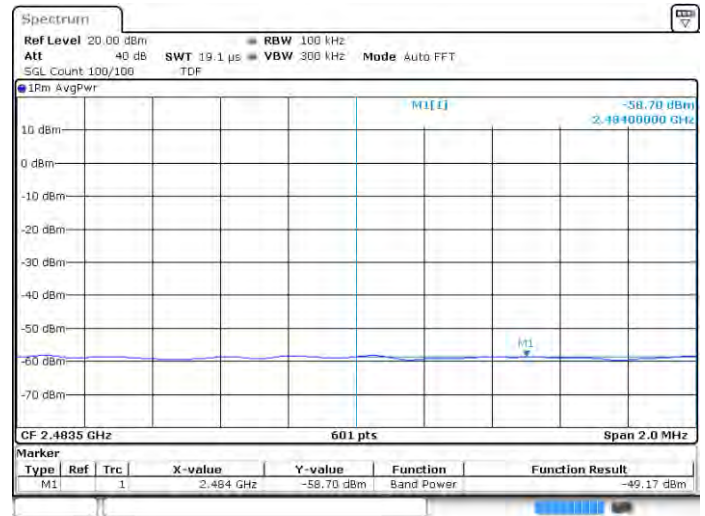
802.11g LOW CHANNEL, Reference level



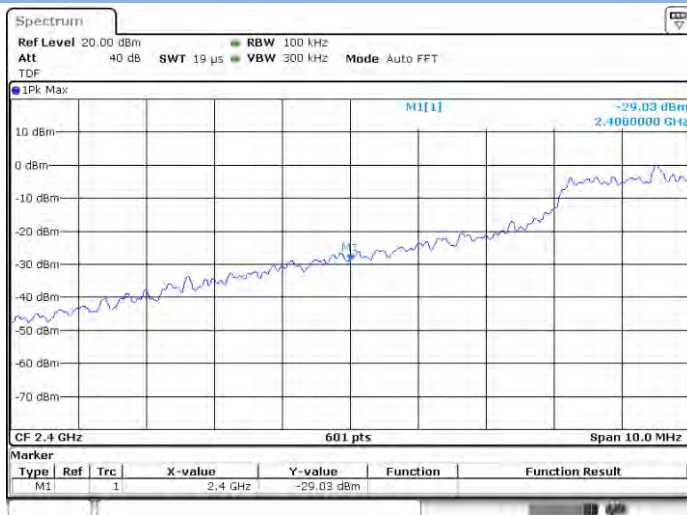
802.11g HIGH CHANNEL, Carrier level



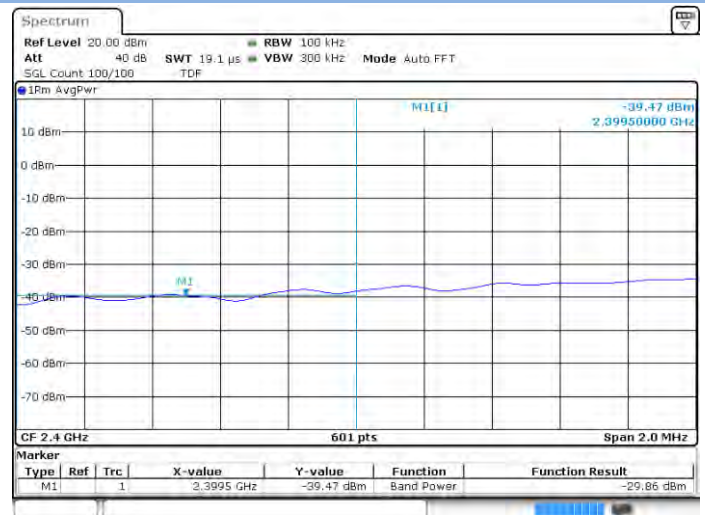
802.11g HIGH CHANNEL, Reference level



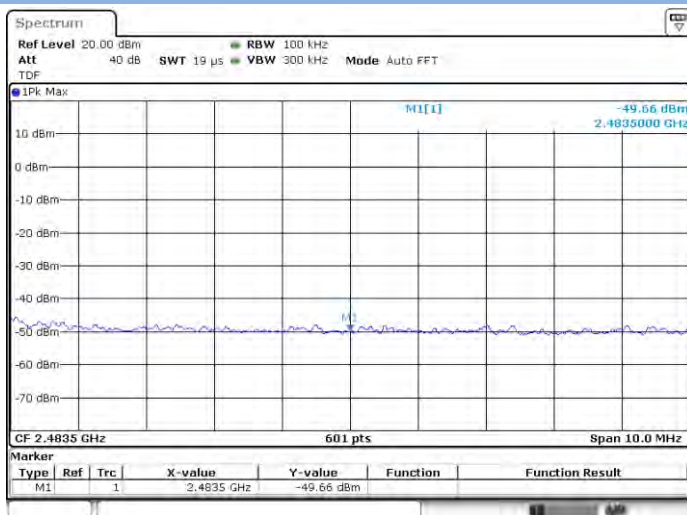
802.11n-20 MHz LOW CHANNEL, Carrier level



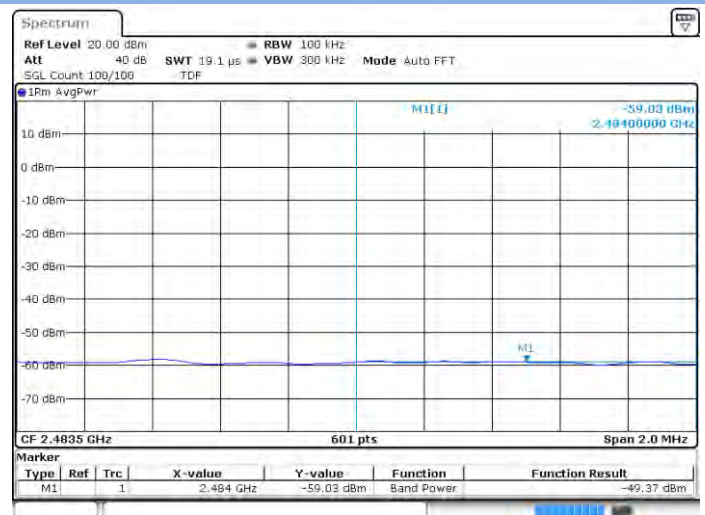
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

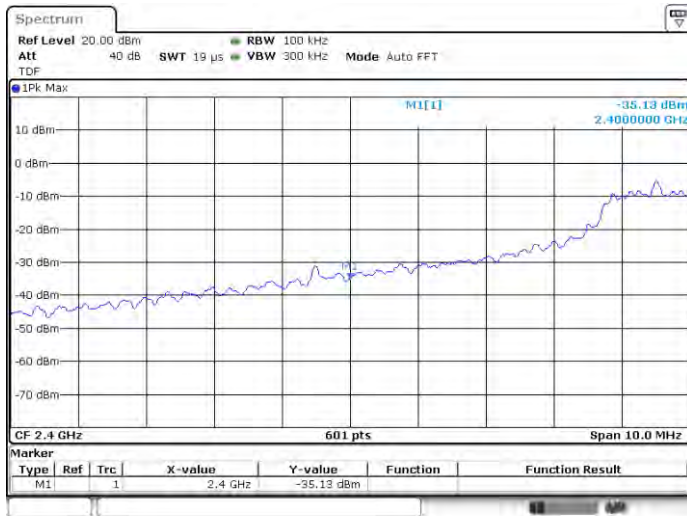


802.11n-20 MHz HIGH CHANNEL, Reference level

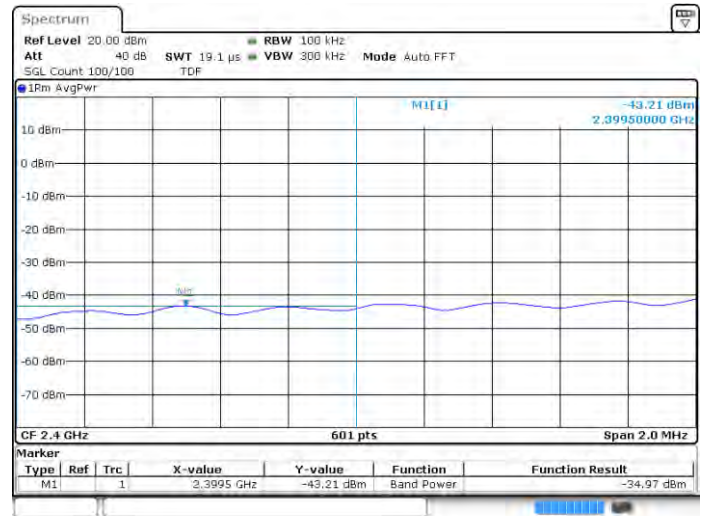




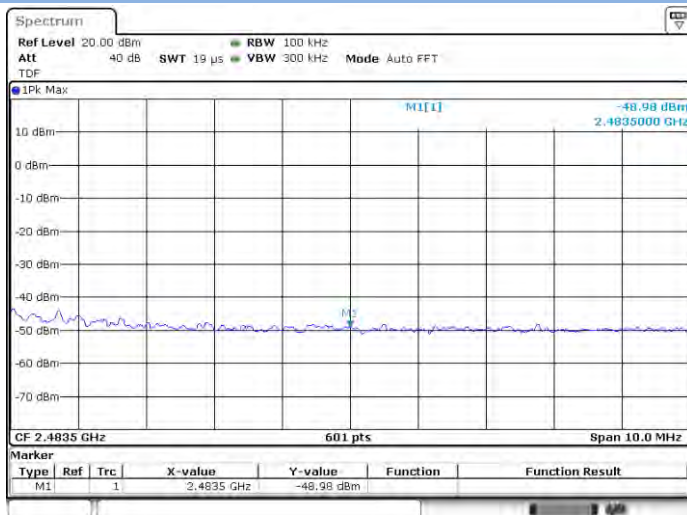
802.11n-40 MHz LOW CHANNEL, Carrier level



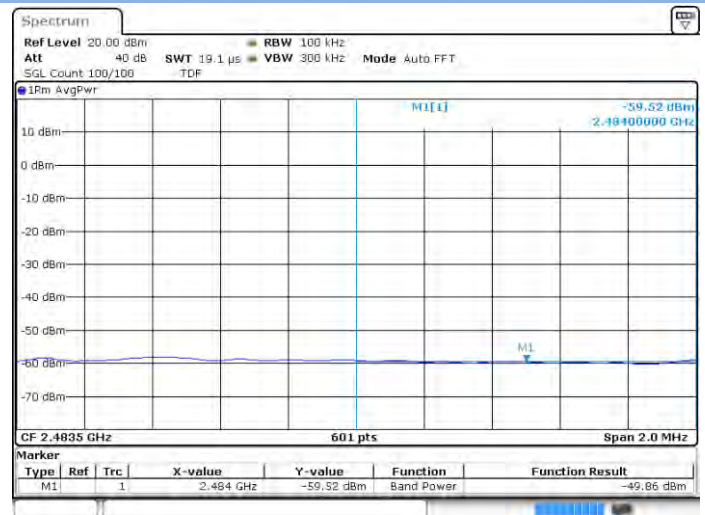
802.11n-40 MHz LOW CHANNEL, Reference level



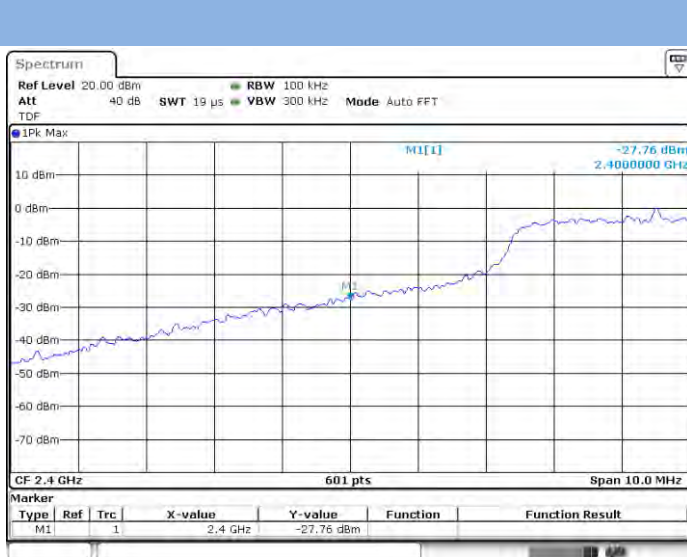
802.11n-40 MHz HIGH CHANNEL, Carrier level



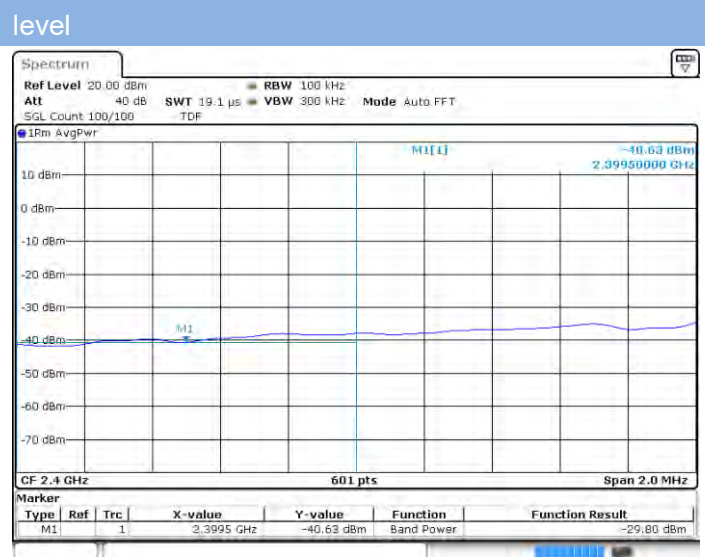
802.11n-40 MHz HIGH CHANNEL, Reference level



802.11ax-20 MHz (SU) LOW CHANNEL, Carrier level

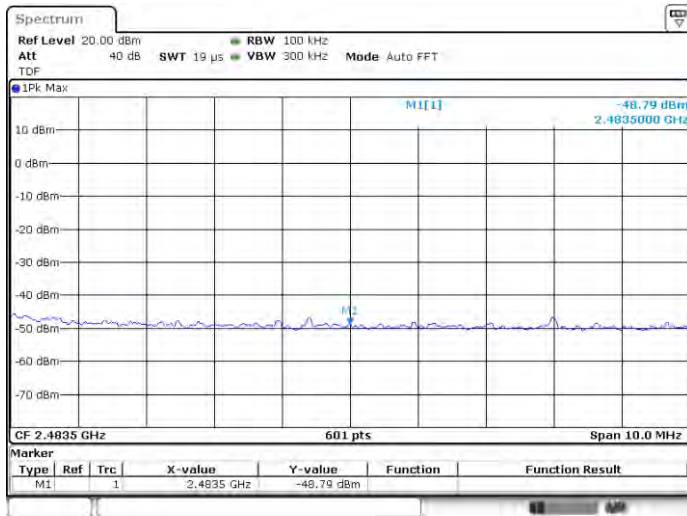


802.11ax-20 MHz (SU) LOW CHANNEL, Reference level

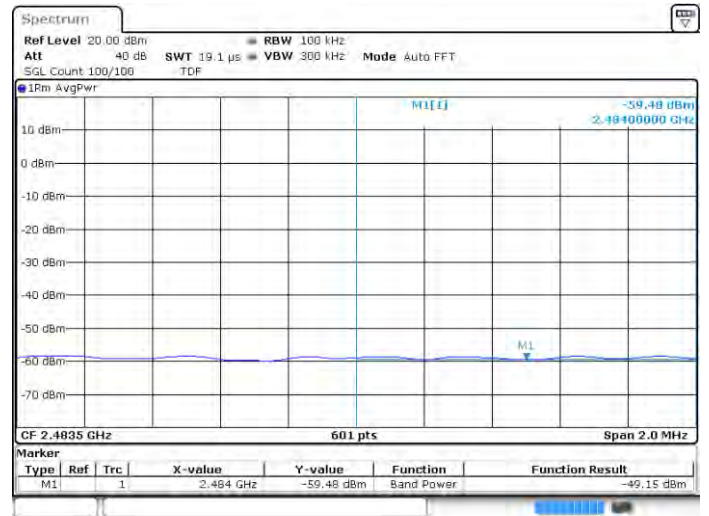




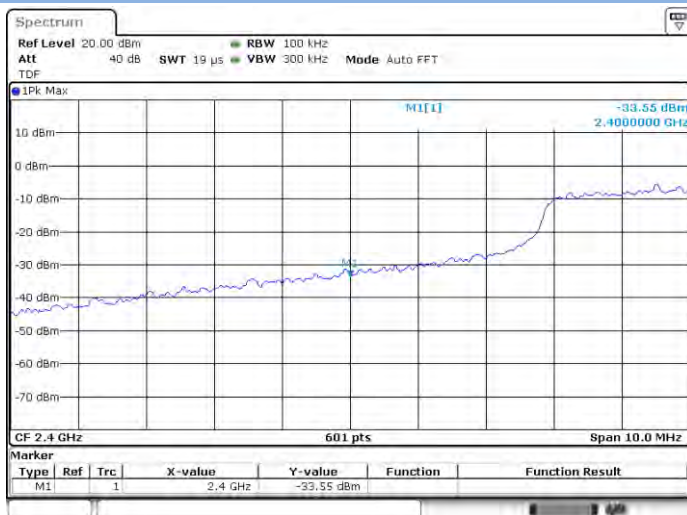
802.11ax-20 MHz (SU) HIGH CHANNEL, Carrier level



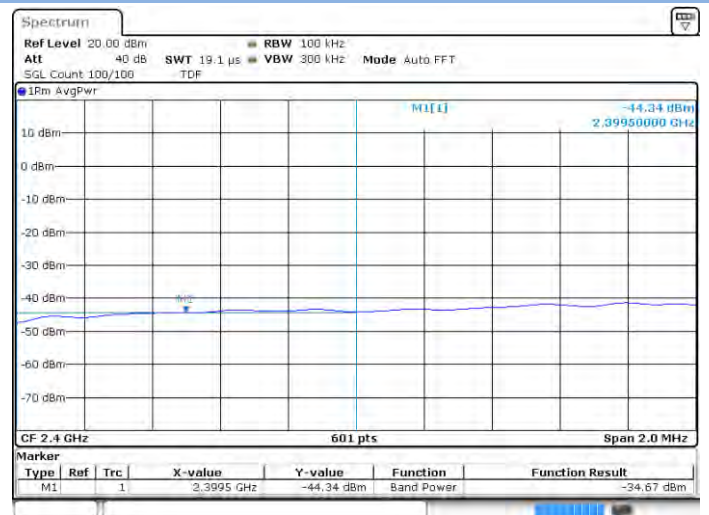
802.11ax-20 MHz (SU) HIGH CHANNEL, Reference level



802.11ax-40 MHz (SU) LOW CHANNEL, Carrier level

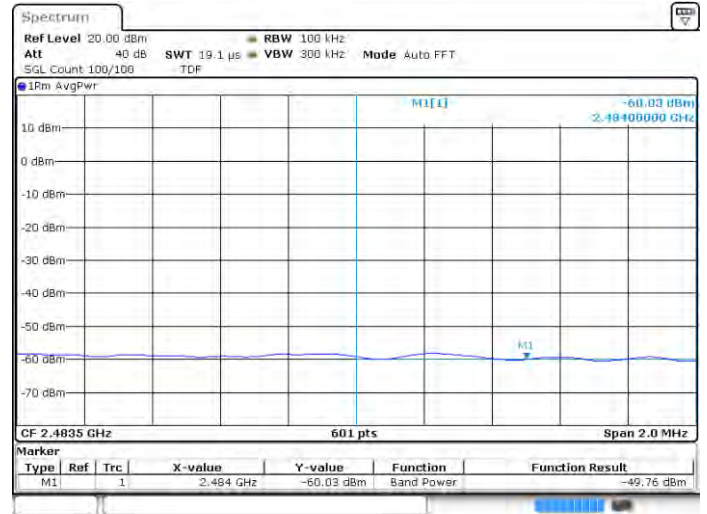
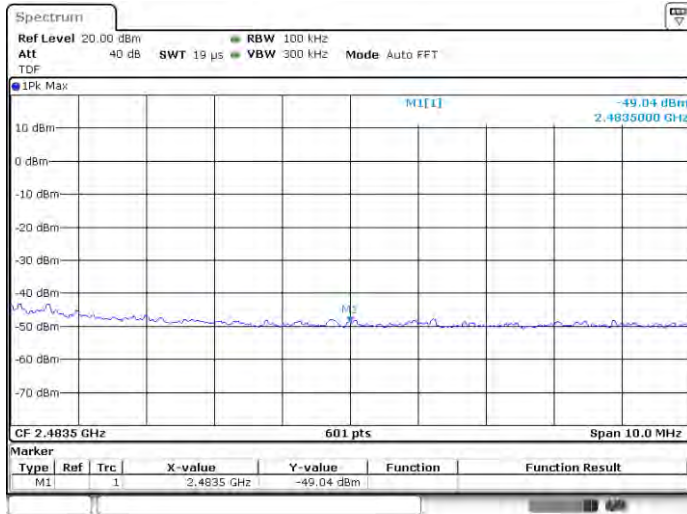


802.11ax-40 MHz (SU) LOW CHANNEL, Reference level



802.11ax-40 MHz (SU) HIGH CHANNEL, Carrier level

802.11ax-40 MHz (SU) HIGH CHANNEL, Reference level



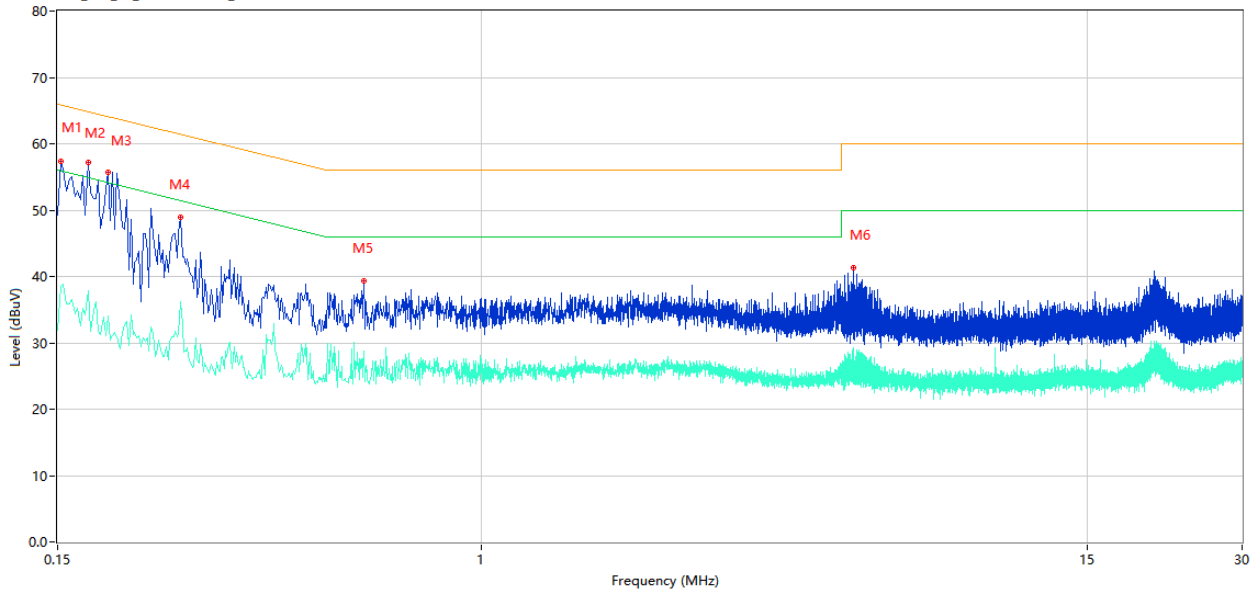
## A.5 Conducted Emissions

Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.  
 Note<sup>2</sup>: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

### Test Data and Plots

#### PHASE L

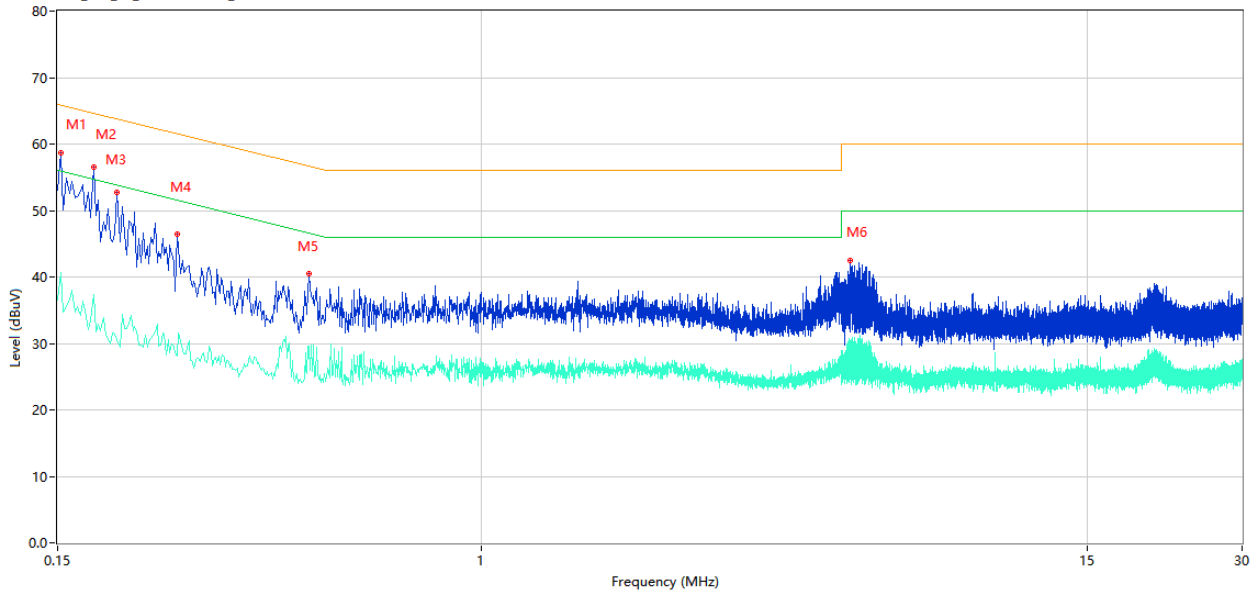
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	57.32	10.41	65.89	-8.57	Peak	L	Pass
1**	0.152	38.43	10.41	55.89	-17.46	AV	L	Pass
2	0.172	57.25	10.40	64.86	-7.61	Peak	L	Pass
2**	0.172	37.87	10.40	54.86	-16.99	AV	L	Pass
3	0.188	55.74	10.38	64.12	-8.38	Peak	L	Pass
3**	0.188	34.05	10.38	54.12	-20.07	AV	L	Pass
4	0.260	48.92	10.34	61.43	-12.51	Peak	L	Pass
4**	0.260	36.28	10.34	51.43	-15.15	AV	L	Pass
5	0.590	39.35	10.28	56.00	-16.65	Peak	L	Pass
5**	0.590	28.70	10.28	46.00	-17.30	AV	L	Pass
6	5.278	41.28	10.32	60.00	-18.72	Peak	L	Pass
6**	5.278	29.30	10.32	50.00	-20.70	AV	L	Pass

PHASE N

CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	58.70	10.41	65.89	-7.19	Peak	N	Pass
1**	0.152	40.74	10.41	55.89	-15.15	AV	N	Pass
2	0.176	56.56	10.39	64.67	-8.11	Peak	N	Pass
2**	0.176	37.37	10.39	54.67	-17.30	AV	N	Pass
3	0.196	52.65	10.38	63.78	-11.13	Peak	N	Pass
3**	0.196	30.62	10.38	53.78	-23.16	AV	N	Pass
4	0.256	46.44	10.34	61.56	-15.12	Peak	N	Pass
4**	0.256	28.03	10.34	51.56	-23.53	AV	N	Pass
5	0.462	40.42	10.30	56.66	-16.24	Peak	N	Pass
5**	0.462	29.64	10.30	46.66	-17.02	AV	N	Pass
6	5.194	42.42	10.32	60.00	-17.58	Peak	N	Pass
6**	5.194	30.43	10.32	50.00	-19.57	AV	N	Pass



## A.6 Radiated Emission

Note 1: The symbol of “--” in the table which means not application.

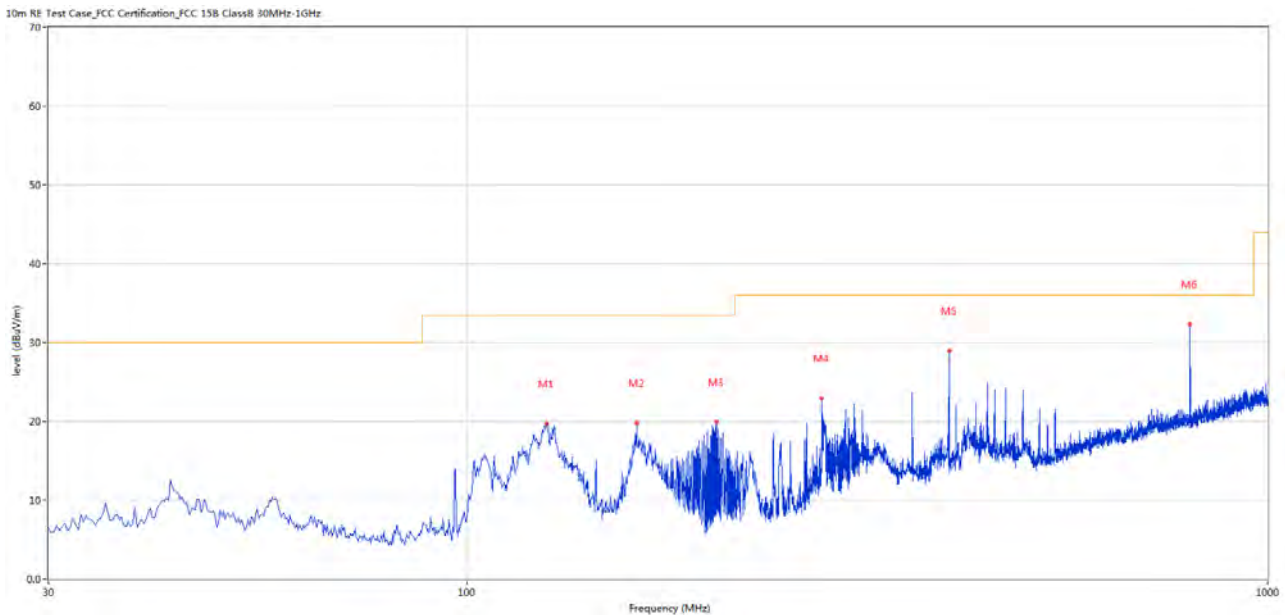
Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

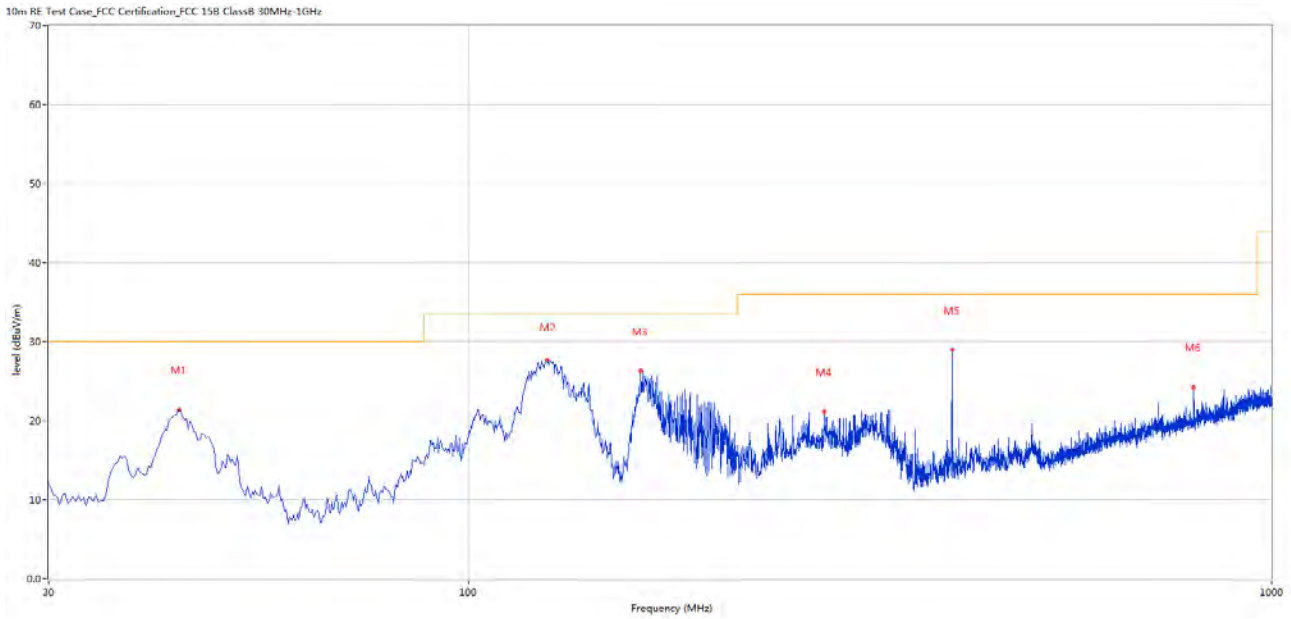
### Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	125.764	19.73	-27.51	33.5	-13.77	Peak	1.00	100	Horizontal	Pass
2	162.857	19.82	-26.04	33.5	-13.68	Peak	0.00	200	Horizontal	Pass
3	204.799	19.94	-29.43	33.5	-13.56	Peak	114.00	200	Horizontal	Pass
4	277.531	23.00	-26.51	36.0	-13.00	Peak	48.00	200	Horizontal	Pass
5	399.963	28.96	-23.17	36.0	-7.04	Peak	275.00	200	Horizontal	Pass
6	799.988	32.32	-14.21	36.0	-3.68	Peak	100.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.577	21.39	-26.89	30.0	-8.61	Peak	156.00	100	Vertical	Pass
2	125.279	27.69	-27.59	33.5	-5.81	Peak	14.00	100	Vertical	Pass
3	163.827	26.29	-26.17	33.5	-7.21	Peak	267.00	100	Vertical	Pass
4	277.288	21.11	-26.56	36.0	-14.89	Peak	312.00	100	Vertical	Pass
5	399.963	28.92	-23.17	36.0	-7.08	Peak	226.00	100	Vertical	Pass
6	799.988	24.21	-14.21	36.0	-11.79	Peak	225.00	200	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

**Main Antenna**

**1 GHz to 18 GHz, ANT H 802.11b Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.900	43.86	-18.58	74.0	-30.14	Peak	241.00	150	Horizontal	Pass
1**	1114.900	35.63	-18.58	54.0	-18.37	AV	241.00	150	Horizontal	Pass
2	1664.700	44.45	-17.87	74.0	-29.55	Peak	241.00	150	Horizontal	Pass
2**	1664.700	32.94	-17.87	54.0	-21.06	AV	241.00	150	Horizontal	Pass
3	2410.500	104.80	-13.44	74.0	30.80	Peak	317.00	150	Horizontal	N/A
3**	2410.500	101.51	-13.44	54.0	47.51	AV	317.00	150	Horizontal	N/A
4	4824.000	49.81	-4.05	74.0	-24.19	Peak	215.00	150	Horizontal	Pass
4**	4824.000	45.05	-4.05	54.0	-8.95	AV	215.00	150	Horizontal	Pass
5	12045.338	50.54	-1.50	74.0	-23.46	Peak	240.00	150	Horizontal	Pass
5**	12045.338	39.75	-1.50	54.0	-14.25	AV	240.00	150	Horizontal	Pass
6	17818.876	48.24	7.01	74.0	-25.76	Peak	42.00	150	Horizontal	Pass
6**	17818.876	39.97	7.01	54.0	-14.03	AV	42.00	150	Horizontal	Pass

**1 GHz to 18 GHz, ANT V 802.11b Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.400	44.37	-18.56	74.0	-29.63	Peak	313.00	150	Vertical	Pass
1**	1130.400	31.13	-18.56	54.0	-22.87	AV	313.00	150	Vertical	Pass
2	1669.900	45.98	-17.80	74.0	-28.02	Peak	187.00	150	Vertical	Pass
2**	1669.900	38.11	-17.80	54.0	-15.89	AV	187.00	150	Vertical	Pass
3	2410.800	98.81	-13.45	74.0	24.81	Peak	40.00	150	Vertical	N/A
3**	2410.800	95.83	-13.45	54.0	41.83	AV	40.00	150	Vertical	N/A
4	6444.600	52.59	-1.56	74.0	-21.41	Peak	88.00	150	Vertical	Pass
4**	6444.600	43.04	-1.56	54.0	-10.96	AV	88.00	150	Vertical	Pass
5	12176.437	50.94	-0.96	74.0	-23.06	Peak	360.00	150	Vertical	Pass
5**	12176.437	41.04	-0.96	54.0	-12.96	AV	360.00	150	Vertical	Pass
6	17658.751	48.70	7.60	74.0	-25.30	Peak	323.00	150	Vertical	Pass
6**	17658.751	40.18	7.60	54.0	-13.82	AV	323.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.700	44.55	-18.60	74.0	-29.45	Peak	239.00	150	Horizontal	Pass
1**	1114.700	36.21	-18.60	54.0	-17.79	AV	239.00	150	Horizontal	Pass
2	1675.100	44.69	-17.84	74.0	-29.31	Peak	239.00	150	Horizontal	Pass
2**	1675.100	33.89	-17.84	54.0	-20.11	AV	239.00	150	Horizontal	Pass
3	2437.100	106.05	-13.40	74.0	32.05	Peak	302.00	150	Horizontal	N/A
3**	2437.100	99.89	-13.40	54.0	45.89	AV	302.00	150	Horizontal	N/A
4	4874.200	49.60	-4.02	74.0	-24.40	Peak	227.00	150	Horizontal	Pass
4**	4874.200	45.83	-4.02	54.0	-8.17	AV	227.00	150	Horizontal	Pass
5	12262.400	50.93	0.04	74.0	-23.07	Peak	0.00	150	Horizontal	Pass
5**	12262.400	42.10	0.04	54.0	-11.90	AV	0.00	150	Horizontal	Pass
6	17623.312	48.63	7.74	74.0	-25.37	Peak	214.00	150	Horizontal	Pass
6**	17623.312	40.03	7.74	54.0	-13.97	AV	214.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.200	44.41	-18.62	74.0	-29.59	Peak	319.00	150	Vertical	Pass
1**	1121.200	35.35	-18.62	54.0	-18.65	AV	319.00	150	Vertical	Pass
2	1999.200	49.33	-16.50	74.0	-24.67	Peak	217.00	150	Vertical	Pass
2**	1999.200	34.39	-16.50	54.0	-19.61	AV	217.00	150	Vertical	Pass
3	2438.200	97.77	-13.37	74.0	23.77	Peak	150.00	150	Vertical	N/A
3**	2438.200	94.80	-13.37	54.0	40.80	AV	150.00	150	Vertical	N/A
4	6439.600	52.76	-1.84	74.0	-21.24	Peak	1.00	150	Vertical	Pass
4**	6439.600	42.64	-1.84	54.0	-11.36	AV	1.00	150	Vertical	Pass
5	11623.576	50.46	-0.20	74.0	-23.54	Peak	117.00	150	Vertical	Pass
5**	11623.576	41.41	-0.20	54.0	-12.59	AV	117.00	150	Vertical	Pass
6	17301.750	47.72	7.94	74.0	-26.28	Peak	260.00	150	Vertical	Pass
6**	17301.750	40.31	7.94	54.0	-13.69	AV	260.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.100	44.45	-18.67	74.0	-29.55	Peak	244.00	150	Horizontal	Pass
1**	1122.100	38.60	-18.67	54.0	-15.40	AV	244.00	150	Horizontal	Pass
2	1680.500	43.68	-17.84	74.0	-30.32	Peak	244.00	150	Horizontal	Pass
2**	1680.500	34.23	-17.84	54.0	-19.77	AV	244.00	150	Horizontal	Pass
3	2462.600	105.47	-13.88	74.0	31.47	Peak	266.00	150	Horizontal	N/A
3**	2462.600	101.20	-13.88	54.0	47.20	AV	266.00	150	Horizontal	N/A
4	4924.200	49.10	-4.12	74.0	-24.90	Peak	217.00	150	Horizontal	Pass
4**	4924.200	46.45	-4.12	54.0	-7.55	AV	217.00	150	Horizontal	Pass
5	12264.988	51.86	0.05	74.0	-22.14	Peak	201.00	150	Horizontal	Pass
5**	12264.988	41.74	0.05	54.0	-12.26	AV	201.00	150	Horizontal	Pass
6	17662.687	48.30	7.49	74.0	-25.70	Peak	210.00	150	Horizontal	Pass
6**	17662.687	39.65	7.49	54.0	-14.35	AV	210.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	44.44	-18.61	74.0	-29.56	Peak	308.00	150	Vertical	Pass
1**	1125.100	34.29	-18.61	54.0	-19.71	AV	308.00	150	Vertical	Pass
2	1999.200	47.00	-16.50	74.0	-27.00	Peak	209.00	150	Vertical	Pass
2**	1999.200	34.39	-16.50	54.0	-19.61	AV	209.00	150	Vertical	Pass
3	2460.800	98.27	-13.91	74.0	24.27	Peak	142.00	150	Vertical	N/A
3**	2460.800	95.37	-13.91	54.0	41.37	AV	142.00	150	Vertical	N/A
4	4924.200	47.09	-4.12	74.0	-26.91	Peak	105.00	150	Vertical	Pass
4**	4924.200	42.34	-4.12	54.0	-11.66	AV	105.00	150	Vertical	Pass
5	12103.700	50.55	-0.96	74.0	-23.45	Peak	329.00	150	Vertical	Pass
5**	12103.700	41.34	-0.96	54.0	-12.66	AV	329.00	150	Vertical	Pass
6	17297.814	47.85	7.96	74.0	-26.15	Peak	0.00	150	Vertical	Pass
6**	17297.814	40.55	7.96	54.0	-13.45	AV	0.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.200	44.25	-18.68	74.0	-29.75	Peak	233.00	150	Horizontal	Pass
1**	1122.200	34.56	-18.68	54.0	-19.44	AV	233.00	150	Horizontal	Pass
2	1672.500	44.94	-17.93	74.0	-29.06	Peak	233.00	150	Horizontal	Pass
2**	1672.500	34.14	-17.93	54.0	-19.86	AV	233.00	150	Horizontal	Pass
3	2413.600	107.44	-13.53	74.0	33.44	Peak	271.00	150	Horizontal	N/A
3**	2413.600	99.54	-13.53	54.0	45.54	AV	271.00	150	Horizontal	N/A
4	6447.200	52.85	-1.42	74.0	-21.15	Peak	315.00	150	Horizontal	Pass
4**	6447.200	43.36	-1.42	54.0	-10.64	AV	315.00	150	Horizontal	Pass
5	12302.937	50.80	-0.04	74.0	-23.20	Peak	274.00	150	Horizontal	Pass
5**	12302.937	40.56	-0.04	54.0	-13.44	AV	274.00	150	Horizontal	Pass
6	17834.625	48.02	6.93	74.0	-25.98	Peak	158.00	150	Horizontal	Pass
6**	17834.625	40.03	6.93	54.0	-13.97	AV	158.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.000	44.53	-18.65	74.0	-29.47	Peak	307.00	150	Vertical	Pass
1**	1123.000	35.62	-18.65	54.0	-18.38	AV	307.00	150	Vertical	Pass
2	1679.500	45.72	-17.88	74.0	-28.28	Peak	193.00	150	Vertical	Pass
2**	1679.500	35.20	-17.88	54.0	-18.80	AV	193.00	150	Vertical	Pass
3	2417.000	100.13	-13.44	74.0	26.13	Peak	149.00	150	Vertical	N/A
3**	2417.000	91.59	-13.44	54.0	37.59	AV	149.00	150	Vertical	N/A
4	6425.400	52.61	-2.23	74.0	-21.39	Peak	118.00	150	Vertical	Pass
4**	6425.400	43.99	-2.23	54.0	-10.01	AV	118.00	150	Vertical	Pass
5	11677.338	50.57	-0.90	74.0	-23.43	Peak	275.00	150	Vertical	Pass
5**	11677.338	40.44	-0.90	54.0	-13.56	AV	275.00	150	Vertical	Pass
6	17958.001	48.50	7.24	74.0	-25.50	Peak	110.00	150	Vertical	Pass
6**	17958.001	39.90	7.24	54.0	-14.10	AV	110.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.300	44.36	-18.59	74.0	-29.64	Peak	254.00	150	Horizontal	Pass
1**	1124.300	34.79	-18.59	54.0	-19.21	AV	254.00	150	Horizontal	Pass
2	1678.500	44.32	-17.91	74.0	-29.68	Peak	230.00	150	Horizontal	Pass
2**	1678.500	34.61	-17.91	54.0	-19.39	AV	230.00	150	Horizontal	Pass
3	2434.000	107.26	-13.52	74.0	33.26	Peak	302.00	150	Horizontal	N/A
3**	2434.000	99.95	-13.52	54.0	45.95	AV	302.00	150	Horizontal	N/A
4	6756.000	53.07	-1.52	74.0	-20.93	Peak	350.00	150	Horizontal	Pass
4**	6756.000	43.05	-1.52	54.0	-10.95	AV	350.00	150	Horizontal	Pass
5	11589.075	50.62	-0.06	74.0	-23.38	Peak	88.00	150	Horizontal	Pass
5**	11589.075	41.53	-0.06	54.0	-12.47	AV	88.00	150	Horizontal	Pass
6	17297.814	47.62	7.96	74.0	-26.38	Peak	0.00	150	Horizontal	Pass
6**	17297.814	39.72	7.96	54.0	-14.28	AV	0.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.600	44.60	-18.62	74.0	-29.40	Peak	306.00	150	Vertical	Pass
1**	1123.600	33.04	-18.62	54.0	-20.96	AV	306.00	150	Vertical	Pass
2	1997.700	49.09	-16.54	74.0	-24.91	Peak	222.00	150	Vertical	Pass
2**	1997.700	34.57	-16.54	54.0	-19.43	AV	222.00	150	Vertical	Pass
3	2434.700	99.14	-13.53	74.0	25.14	Peak	45.00	150	Vertical	N/A
3**	2434.700	91.12	-13.53	54.0	37.12	AV	45.00	150	Vertical	N/A
4	6130.600	53.28	-1.69	74.0	-20.72	Peak	181.00	150	Vertical	Pass
4**	6130.600	42.56	-1.69	54.0	-11.44	AV	181.00	150	Vertical	Pass
5	12338.300	50.61	-0.92	74.0	-23.39	Peak	0.00	150	Vertical	Pass
5**	12338.300	41.45	-0.92	54.0	-12.55	AV	0.00	150	Vertical	Pass
6	17296.501	47.97	7.93	74.0	-26.03	Peak	355.00	150	Vertical	Pass
6**	17296.501	43.21	7.93	54.0	-10.79	AV	355.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.500	43.64	-18.67	74.0	-30.36	Peak	243.00	150	Horizontal	Pass
1**	1122.500	33.51	-18.67	54.0	-20.49	AV	243.00	150	Horizontal	Pass
2	1678.700	44.34	-17.90	74.0	-29.66	Peak	243.00	150	Horizontal	Pass
2**	1678.700	33.55	-17.90	54.0	-20.45	AV	243.00	150	Horizontal	Pass
3	2457.600	107.14	-13.85	74.0	33.14	Peak	259.00	150	Horizontal	N/A
3**	2457.600	99.88	-13.85	54.0	45.88	AV	259.00	150	Horizontal	N/A
4	6628.400	52.17	-1.33	74.0	-21.83	Peak	256.00	150	Horizontal	Pass
4**	6628.400	42.91	-1.33	54.0	-11.09	AV	256.00	150	Horizontal	Pass
5	11099.750	50.73	-0.84	74.0	-23.27	Peak	129.00	150	Horizontal	Pass
5**	11099.750	40.15	-0.84	54.0	-13.85	AV	129.00	150	Horizontal	Pass
6	17220.375	47.70	7.22	74.0	-26.30	Peak	73.00	150	Horizontal	Pass
6**	17220.375	39.93	7.22	54.0	-14.07	AV	73.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1120.300	44.07	-18.56	74.0	-29.93	Peak	301.00	150	Vertical	Pass
1**	1120.300	34.91	-18.56	54.0	-19.09	AV	301.00	150	Vertical	Pass
2	1676.400	46.16	-17.92	74.0	-27.84	Peak	182.00	150	Vertical	Pass
2**	1676.400	36.25	-17.92	54.0	-17.75	AV	182.00	150	Vertical	Pass
3	2457.900	100.10	-13.87	74.0	26.10	Peak	38.00	150	Vertical	N/A
3**	2457.900	92.41	-13.87	54.0	38.41	AV	38.00	150	Vertical	N/A
4	6105.000	52.68	-1.20	74.0	-21.32	Peak	285.00	150	Vertical	Pass
4**	6105.000	43.22	-1.20	54.0	-10.78	AV	285.00	150	Vertical	Pass
5	12329.675	50.91	-0.67	74.0	-23.09	Peak	68.00	150	Vertical	Pass
5**	12329.675	41.57	-0.67	54.0	-12.43	AV	68.00	150	Vertical	Pass
6	17278.124	48.28	7.65	74.0	-25.72	Peak	130.00	150	Vertical	Pass
6**	17278.124	39.15	7.65	54.0	-14.85	AV	130.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.600	43.57	-18.60	74.0	-30.43	Peak	131.00	150	Horizontal	Pass
1**	1114.600	33.98	-18.60	54.0	-20.02	AV	131.00	150	Horizontal	Pass
2	1692.700	44.46	-17.98	74.0	-29.54	Peak	115.00	150	Horizontal	Pass
2**	1692.700	33.03	-17.98	54.0	-20.97	AV	115.00	150	Horizontal	Pass
3	2410.600	105.29	-13.44	74.0	31.29	Peak	256.00	150	Horizontal	N/A
3**	2410.600	98.31	-13.44	54.0	44.31	AV	256.00	150	Horizontal	N/A
4	6743.400	53.05	-1.80	74.0	-20.95	Peak	132.00	150	Horizontal	Pass
4**	6743.400	43.40	-1.80	54.0	-10.60	AV	132.00	150	Horizontal	Pass
5	11620.700	50.67	-0.17	74.0	-23.33	Peak	291.00	150	Horizontal	Pass
5**	11620.700	41.44	-0.17	54.0	-12.56	AV	291.00	150	Horizontal	Pass
6	17326.688	48.20	7.08	74.0	-25.80	Peak	176.00	150	Horizontal	Pass
6**	17326.688	39.49	7.08	54.0	-14.51	AV	176.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.000	43.77	-18.65	74.0	-30.23	Peak	314.00	150	Vertical	Pass
1**	1123.000	37.31	-18.65	54.0	-16.69	AV	314.00	150	Vertical	Pass
2	1667.800	45.88	-17.81	74.0	-28.12	Peak	193.00	150	Vertical	Pass
2**	1667.800	33.85	-17.81	54.0	-20.15	AV	193.00	150	Vertical	Pass
3	2414.500	98.06	-13.52	74.0	24.06	Peak	35.00	150	Vertical	N/A
3**	2414.500	89.46	-13.52	54.0	35.46	AV	35.00	150	Vertical	N/A
4	6810.000	53.02	-1.38	74.0	-20.98	Peak	111.00	150	Vertical	Pass
4**	6810.000	44.32	-1.38	54.0	-9.68	AV	111.00	150	Vertical	Pass
5	12328.813	51.18	-0.64	74.0	-22.82	Peak	271.00	150	Vertical	Pass
5**	12328.813	41.17	-0.64	54.0	-12.83	AV	271.00	150	Vertical	Pass
6	17266.313	47.87	7.97	74.0	-26.13	Peak	188.00	150	Vertical	Pass
6**	17266.313	39.84	7.97	54.0	-14.16	AV	188.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.200	44.50	-18.54	74.0	-29.50	Peak	251.00	150	Horizontal	Pass
1**	1119.200	35.33	-18.54	54.0	-18.67	AV	251.00	150	Horizontal	Pass
2	1679.100	44.03	-17.89	74.0	-29.97	Peak	108.00	150	Horizontal	Pass
2**	1679.100	35.14	-17.89	54.0	-18.86	AV	108.00	150	Horizontal	Pass
3	2433.600	106.23	-13.51	74.0	32.23	Peak	289.00	150	Horizontal	N/A
3**	2433.600	98.29	-13.51	54.0	44.29	AV	289.00	150	Horizontal	N/A
4	6812.400	52.36	-1.32	74.0	-21.64	Peak	34.00	150	Horizontal	Pass
4**	6812.400	43.53	-1.32	54.0	-10.47	AV	34.00	150	Horizontal	Pass
5	11620.412	51.72	-0.17	74.0	-22.28	Peak	0.00	150	Horizontal	Pass
5**	11620.412	42.46	-0.17	54.0	-11.54	AV	0.00	150	Horizontal	Pass
6	16950.000	47.66	7.46	74.0	-26.34	Peak	184.00	150	Horizontal	Pass
6**	16950.000	39.24	7.46	54.0	-14.76	AV	184.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	45.60	-18.61	74.0	-28.40	Peak	310.00	150	Vertical	Pass
1**	1125.000	33.01	-18.61	54.0	-20.99	AV	310.00	150	Vertical	Pass
2	1685.600	46.41	-17.86	74.0	-27.59	Peak	183.00	150	Vertical	Pass
2**	1685.600	33.26	-17.86	54.0	-20.74	AV	183.00	150	Vertical	Pass
3	2440.200	96.97	-13.41	74.0	22.97	Peak	147.00	150	Vertical	N/A
3**	2440.200	89.38	-13.41	54.0	35.38	AV	147.00	150	Vertical	N/A
4	6949.400	52.89	-0.86	74.0	-21.11	Peak	73.00	150	Vertical	Pass
4**	6949.400	43.39	-0.86	54.0	-10.61	AV	73.00	150	Vertical	Pass
5	11676.763	51.69	-0.88	74.0	-22.31	Peak	48.00	150	Vertical	Pass
5**	11676.763	41.50	-0.88	54.0	-12.50	AV	48.00	150	Vertical	Pass
6	17628.563	48.27	7.67	74.0	-25.73	Peak	360.00	150	Vertical	Pass
6**	17628.563	39.47	7.67	54.0	-14.53	AV	360.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.000	44.44	-18.60	74.0	-29.56	Peak	228.00	150	Horizontal	Pass
1**	1121.000	35.85	-18.60	54.0	-18.15	AV	228.00	150	Horizontal	Pass
2	1678.800	44.73	-17.90	74.0	-29.27	Peak	228.00	150	Horizontal	Pass
2**	1678.800	35.47	-17.90	54.0	-18.53	AV	228.00	150	Horizontal	Pass
3	2458.500	106.16	-13.91	74.0	32.16	Peak	286.00	150	Horizontal	N/A
3**	2458.500	98.57	-13.91	54.0	44.57	AV	286.00	150	Horizontal	N/A
4	6663.000	52.60	-1.47	74.0	-21.40	Peak	251.00	150	Horizontal	Pass
4**	6663.000	43.11	-1.47	54.0	-10.89	AV	251.00	150	Horizontal	Pass
5	12270.737	50.53	0.07	74.0	-23.47	Peak	148.00	150	Horizontal	Pass
5**	12270.737	41.84	0.07	54.0	-12.16	AV	148.00	150	Horizontal	Pass
6	17931.749	47.99	6.67	74.0	-26.01	Peak	102.00	150	Horizontal	Pass
6**	17931.749	40.38	6.67	54.0	-13.62	AV	102.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.700	44.02	-18.55	74.0	-29.98	Peak	308.00	150	Vertical	Pass
1**	1119.700	35.89	-18.55	54.0	-18.11	AV	308.00	150	Vertical	Pass
2	1660.200	46.41	-17.89	74.0	-27.59	Peak	194.00	150	Vertical	Pass
2**	1660.200	35.43	-17.89	54.0	-18.57	AV	194.00	150	Vertical	Pass
3	2460.000	97.47	-13.92	74.0	23.47	Peak	137.00	150	Vertical	N/A
3**	2460.000	90.15	-13.92	54.0	36.15	AV	137.00	150	Vertical	N/A
4	6727.200	53.11	-2.35	74.0	-20.89	Peak	211.00	150	Vertical	Pass
4**	6727.200	43.70	-2.35	54.0	-10.30	AV	211.00	150	Vertical	Pass
5	12250.900	50.55	-0.08	74.0	-23.45	Peak	243.00	150	Vertical	Pass
5**	12250.900	42.05	-0.08	54.0	-11.95	AV	243.00	150	Vertical	Pass
6	16948.688	48.11	7.45	74.0	-25.89	Peak	37.00	150	Vertical	Pass
6**	16948.688	37.89	7.45	54.0	-16.11	AV	37.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1113.100	43.86	-18.66	74.0	-30.14	Peak	141.00	150	Horizontal	Pass
1**	1113.100	36.48	-18.66	54.0	-17.52	AV	141.00	150	Horizontal	Pass
2	1683.000	44.72	-17.93	74.0	-29.28	Peak	128.00	150	Horizontal	Pass
2**	1683.000	33.72	-17.93	54.0	-20.28	AV	128.00	150	Horizontal	Pass
3	2413.800	102.00	-13.53	74.0	28.00	Peak	308.00	150	Horizontal	N/A
3**	2413.800	94.05	-13.53	54.0	40.05	AV	308.00	150	Horizontal	N/A
4	6991.400	52.55	-1.05	74.0	-21.45	Peak	18.00	150	Horizontal	Pass
4**	6991.400	43.37	-1.05	54.0	-10.63	AV	18.00	150	Horizontal	Pass
5	12237.388	51.50	-0.32	74.0	-22.50	Peak	13.00	150	Horizontal	Pass
5**	12237.388	42.10	-0.32	54.0	-11.90	AV	13.00	150	Horizontal	Pass
6	17793.937	47.80	6.78	74.0	-26.20	Peak	2.00	150	Horizontal	Pass
6**	17793.937	38.51	6.78	54.0	-15.49	AV	2.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.400	43.69	-18.54	74.0	-30.31	Peak	301.00	150	Vertical	Pass
1**	1119.400	34.70	-18.54	54.0	-19.30	AV	301.00	150	Vertical	Pass
2	1668.100	47.06	-17.81	74.0	-26.94	Peak	188.00	150	Vertical	Pass
2**	1668.100	34.31	-17.81	54.0	-19.69	AV	188.00	150	Vertical	Pass
3	2412.000	93.81	-13.50	74.0	19.81	Peak	49.00	150	Vertical	N/A
3**	2412.000	85.92	-13.50	54.0	31.92	AV	49.00	150	Vertical	N/A
4	6463.200	52.88	-1.05	74.0	-21.12	Peak	236.00	150	Vertical	Pass
4**	6463.200	42.78	-1.05	54.0	-11.22	AV	236.00	150	Vertical	Pass
5	11581.312	50.50	0.01	74.0	-23.50	Peak	104.00	150	Vertical	Pass
5**	11581.312	40.71	0.01	54.0	-13.29	AV	104.00	150	Vertical	Pass
6	17600.999	48.15	7.32	74.0	-25.85	Peak	53.00	150	Vertical	Pass
6**	17600.999	39.49	7.32	54.0	-14.51	AV	53.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.700	43.80	-18.66	74.0	-30.20	Peak	191.00	150	Horizontal	Pass
1**	1122.700	33.87	-18.66	54.0	-20.13	AV	191.00	150	Horizontal	Pass
2	1682.500	43.90	-17.90	74.0	-30.10	Peak	234.00	150	Horizontal	Pass
2**	1682.500	34.13	-17.90	54.0	-19.87	AV	234.00	150	Horizontal	Pass
3	2433.000	102.46	-13.52	74.0	28.46	Peak	300.00	150	Horizontal	N/A
3**	2433.000	94.85	-13.52	54.0	40.85	AV	300.00	150	Horizontal	N/A
4	6588.000	52.64	-2.42	74.0	-21.36	Peak	154.00	150	Horizontal	Pass
4**	6588.000	43.19	-2.42	54.0	-10.81	AV	154.00	150	Horizontal	Pass
5	12362.738	50.75	-1.52	74.0	-23.25	Peak	103.00	150	Horizontal	Pass
5**	12362.738	41.77	-1.52	54.0	-12.23	AV	103.00	150	Horizontal	Pass
6	17303.063	48.20	7.88	74.0	-25.80	Peak	13.00	150	Horizontal	Pass
6**	17303.063	39.82	7.88	54.0	-14.18	AV	13.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.100	44.16	-18.63	74.0	-29.84	Peak	303.00	150	Vertical	Pass
1**	1114.100	35.19	-18.63	54.0	-18.81	AV	303.00	150	Vertical	Pass
2	1668.800	46.13	-17.81	74.0	-27.87	Peak	195.00	150	Vertical	Pass
2**	1668.800	37.87	-17.81	54.0	-16.13	AV	195.00	150	Vertical	Pass
3	2427.300	93.69	-13.60	74.0	19.69	Peak	39.00	150	Vertical	N/A
3**	2427.300	85.44	-13.60	54.0	31.44	AV	39.00	150	Vertical	N/A
4	6139.200	52.99	-1.80	74.0	-21.01	Peak	346.00	150	Vertical	Pass
4**	6139.200	43.90	-1.80	54.0	-10.10	AV	346.00	150	Vertical	Pass
5	12106.575	50.88	-0.91	74.0	-23.12	Peak	343.00	150	Vertical	Pass
5**	12106.575	41.05	-0.91	54.0	-12.95	AV	343.00	150	Vertical	Pass
6	17591.812	47.97	7.05	74.0	-26.03	Peak	84.00	150	Vertical	Pass
6**	17591.812	39.03	7.05	54.0	-14.97	AV	84.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.000	43.75	-18.63	74.0	-30.25	Peak	251.00	150	Horizontal	Pass
1**	1114.000	34.47	-18.63	54.0	-19.53	AV	251.00	150	Horizontal	Pass
2	1682.600	43.71	-17.91	74.0	-30.29	Peak	240.00	150	Horizontal	Pass
2**	1682.600	32.75	-17.91	54.0	-21.25	AV	240.00	150	Horizontal	Pass
3	2450.200	102.10	-13.55	74.0	28.10	Peak	296.00	150	Horizontal	N/A
3**	2450.200	94.55	-13.55	54.0	40.55	AV	296.00	150	Horizontal	N/A
4	6641.200	52.15	-0.93	74.0	-21.85	Peak	360.00	150	Horizontal	Pass
4**	6641.200	43.02	-0.93	54.0	-10.98	AV	360.00	150	Horizontal	Pass
5	12325.075	50.52	-0.53	74.0	-23.48	Peak	295.00	150	Horizontal	Pass
5**	12325.075	41.47	-0.53	54.0	-12.53	AV	295.00	150	Horizontal	Pass
6	17795.250	49.30	6.82	74.0	-24.70	Peak	297.00	150	Horizontal	Pass
6**	17795.250	40.29	6.82	54.0	-13.71	AV	297.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	43.63	-18.61	74.0	-30.37	Peak	311.00	150	Vertical	Pass
1**	1125.000	35.00	-18.61	54.0	-19.00	AV	311.00	150	Vertical	Pass
2	1675.800	46.19	-17.88	74.0	-27.81	Peak	191.00	150	Vertical	Pass
2**	1675.800	36.59	-17.88	54.0	-17.41	AV	191.00	150	Vertical	Pass
3	2445.400	94.04	-13.39	74.0	20.04	Peak	146.00	150	Vertical	N/A
3**	2445.400	85.57	-13.39	54.0	31.57	AV	146.00	150	Vertical	N/A
4	5902.600	52.69	-2.99	74.0	-21.31	Peak	104.00	150	Vertical	Pass
4**	5902.600	41.95	-2.99	54.0	-12.05	AV	104.00	150	Vertical	Pass
5	12324.787	50.25	-0.53	74.0	-23.75	Peak	12.00	150	Vertical	Pass
5**	12324.787	41.28	-0.53	54.0	-12.72	AV	12.00	150	Vertical	Pass
6	17287.313	48.06	7.75	74.0	-25.94	Peak	64.00	150	Vertical	Pass
6**	17287.313	39.55	7.75	54.0	-14.45	AV	64.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 (SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.600	43.59	-18.54	74.0	-30.41	Peak	231.00	150	Horizontal	Pass
1**	1119.600	35.28	-18.54	54.0	-18.72	AV	231.00	150	Horizontal	Pass
2	1674.100	43.97	-17.86	74.0	-30.03	Peak	252.00	150	Horizontal	Pass
2**	1674.100	35.50	-17.86	54.0	-18.50	AV	252.00	150	Horizontal	Pass
3	2408.900	106.89	-13.47	74.0	32.89	Peak	309.00	150	Horizontal	N/A
3**	2408.900	97.57	-13.47	54.0	43.57	AV	309.00	150	Horizontal	N/A
4	6993.800	53.17	-1.12	74.0	-20.83	Peak	91.00	150	Horizontal	Pass
4**	6993.800	43.66	-1.12	54.0	-10.34	AV	91.00	150	Horizontal	Pass
5	12336.862	51.03	-0.88	74.0	-22.97	Peak	341.00	150	Horizontal	Pass
5**	12336.862	41.17	-0.88	54.0	-12.83	AV	341.00	150	Horizontal	Pass
6	17300.437	47.26	7.99	74.0	-26.74	Peak	1.00	150	Horizontal	Pass
6**	17300.437	39.94	7.99	54.0	-14.06	AV	1.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V802.11ax20 (SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.800	45.84	-18.61	74.0	-28.16	Peak	307.00	150	Vertical	Pass
1**	1123.800	32.48	-18.61	54.0	-21.52	AV	307.00	150	Vertical	Pass
2	1680.600	46.18	-17.84	74.0	-27.82	Peak	191.00	150	Vertical	Pass
2**	1680.600	35.17	-17.84	54.0	-18.83	AV	191.00	150	Vertical	Pass
3	2416.300	98.39	-13.41	74.0	24.39	Peak	50.00	150	Vertical	N/A
3**	2416.300	89.61	-13.41	54.0	35.61	AV	50.00	150	Vertical	N/A
4	6751.800	54.57	-1.49	74.0	-19.43	Peak	319.00	150	Vertical	Pass
4**	6751.800	42.83	-1.49	54.0	-11.17	AV	319.00	150	Vertical	Pass
5	12350.375	50.18	-1.25	74.0	-23.82	Peak	76.00	150	Vertical	Pass
5**	12350.375	41.36	-1.25	54.0	-12.64	AV	76.00	150	Vertical	Pass
6	17259.749	48.06	8.13	74.0	-25.94	Peak	73.00	150	Vertical	Pass
6**	17259.749	39.28	8.13	54.0	-14.72	AV	73.00	150	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20 (SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.200	44.17	-18.59	74.0	-29.83	Peak	227.00	150	Horizontal	Pass
1**	1124.200	32.47	-18.59	54.0	-21.53	AV	227.00	150	Horizontal	Pass
2	1667.100	44.32	-17.81	74.0	-29.68	Peak	243.00	150	Horizontal	Pass
2**	1667.100	35.84	-17.81	54.0	-18.16	AV	243.00	150	Horizontal	Pass
3	2437.900	105.94	-13.36	74.0	31.94	Peak	269.00	150	Horizontal	N/A
3**	2437.900	97.14	-13.36	54.0	43.14	AV	269.00	150	Horizontal	N/A
4	6421.200	52.66	-2.19	74.0	-21.34	Peak	77.00	150	Horizontal	Pass
4**	6421.200	42.43	-2.19	54.0	-11.57	AV	77.00	150	Horizontal	Pass
5	11674.463	50.84	-0.83	74.0	-23.16	Peak	102.00	150	Horizontal	Pass
5**	11674.463	40.69	-0.83	54.0	-13.31	AV	102.00	150	Horizontal	Pass
6	17351.625	48.17	6.68	74.0	-25.83	Peak	210.00	150	Horizontal	Pass
6**	17351.625	39.30	6.68	54.0	-14.70	AV	210.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 (SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.500	44.73	-18.64	74.0	-29.27	Peak	303.00	150	Vertical	Pass
1**	1121.500	35.56	-18.64	54.0	-18.44	AV	303.00	150	Vertical	Pass
2	1678.000	46.68	-17.92	74.0	-27.32	Peak	181.00	150	Vertical	Pass
2**	1678.000	35.17	-17.92	54.0	-18.83	AV	181.00	150	Vertical	Pass
3	2435.100	97.52	-13.54	74.0	23.52	Peak	140.00	150	Vertical	N/A
3**	2435.100	89.47	-13.54	54.0	35.47	AV	140.00	150	Vertical	N/A
4	6664.200	52.80	-1.49	74.0	-21.20	Peak	157.00	150	Vertical	Pass
4**	6664.200	42.56	-1.49	54.0	-11.44	AV	157.00	150	Vertical	Pass
5	12308.975	50.67	-0.16	74.0	-23.33	Peak	174.00	150	Vertical	Pass
5**	12308.975	41.93	-0.16	54.0	-12.07	AV	174.00	150	Vertical	Pass
6	17293.875	48.96	7.88	74.0	-25.04	Peak	30.00	150	Vertical	Pass
6**	17293.875	39.09	7.88	54.0	-14.91	AV	30.00	150	Vertical	Pass



## 1 GHz to 18 GHz, ANT H802.11ax20 (SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.000	44.91	-18.63	74.0	-29.09	Peak	236.00	150	Horizontal	Pass
1**	1114.000	34.80	-18.63	54.0	-19.20	AV	236.00	150	Horizontal	Pass
2	1677.000	45.81	-17.94	74.0	-28.19	Peak	236.00	150	Horizontal	Pass
2**	1677.000	34.13	-17.94	54.0	-19.87	AV	236.00	150	Horizontal	Pass
3	2458.100	107.30	-13.89	74.0	33.30	Peak	283.00	150	Horizontal	N/A
3**	2458.100	98.23	-13.89	54.0	44.23	AV	283.00	150	Horizontal	N/A
4	6686.200	52.75	-1.97	74.0	-21.25	Peak	13.00	150	Horizontal	Pass
4**	6686.200	42.35	-1.97	54.0	-11.65	AV	13.00	150	Horizontal	Pass
5	12112.326	50.18	-0.80	74.0	-23.82	Peak	1.00	150	Horizontal	Pass
5**	12112.326	40.86	-0.80	54.0	-13.14	AV	1.00	150	Horizontal	Pass
6	17654.813	48.73	7.61	74.0	-25.27	Peak	117.00	150	Horizontal	Pass
6**	17654.813	39.98	7.61	54.0	-14.02	AV	117.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20 (SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.500	44.42	-18.63	74.0	-29.58	Peak	302.00	150	Vertical	Pass
1**	1125.500	32.11	-18.63	54.0	-21.89	AV	302.00	150	Vertical	Pass
2	1667.000	46.37	-17.81	74.0	-27.63	Peak	193.00	150	Vertical	Pass
2**	1667.000	34.81	-17.81	54.0	-19.19	AV	193.00	150	Vertical	Pass
3	2459.900	98.28	-13.92	74.0	24.28	Peak	32.00	150	Vertical	N/A
3**	2459.900	89.43	-13.92	54.0	35.43	AV	32.00	150	Vertical	N/A
4	6122.800	52.69	-1.37	74.0	-21.31	Peak	353.00	150	Vertical	Pass
4**	6122.800	43.15	-1.37	54.0	-10.85	AV	353.00	150	Vertical	Pass
5	12274.187	50.69	0.07	74.0	-23.31	Peak	55.00	150	Vertical	Pass
5**	12274.187	41.62	0.07	54.0	-12.38	AV	55.00	150	Vertical	Pass
6	17607.563	48.60	7.48	74.0	-25.40	Peak	104.00	150	Vertical	Pass
6**	17607.563	40.14	7.48	54.0	-13.86	AV	104.00	150	Vertical	Pass