



**Test Report - Appendix  
AIR-AP1572xxx-B-K9**

(Where x = model options not effecting the radio module)

**FCC ID: LDK102093P**

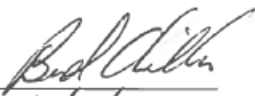
**2400-2483.5 MHz**

**Conducted Peak Bandedge**

**Covers supported antennas up to 13 dBi gain**

**Cisco Systems**  
170 West Tasman Drive  
San Jose, CA 95134

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Test Engineer:   
Date: 6/11/2014

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## Conducted Bandedge

15.205 / RSS-210 2.7: Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Connect the antenna port(s) to the spectrum analyzer input. Place the radio in continuous transmit mode. Be sure to enter all losses between the transmitter output and the spectrum analyzer.

Reference Level:	10 dBm
Attenuation:	4 dB
Sweep Time:	Coupled
Resolution Bandwidth:	1MHz
Video Bandwidth:	100 Hz for average
Detector:	Peak

Save 2 plots:    1) Average Plot (Vertical and Horizontal), Limit= -41.25 dBm eirp (54dBuV/m @3m)  
                  2) Peak plot (Vertical and Horizontal), Limit = -21.25 dBm eirp (74dBuV/m @3m)

Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands.

The “measure-and-sum technique” is used for measuring in-band transmit power of a device. In the measure-and-sum approach, the conducted emission level is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units.

This report represents the worst case data for all supported operating modes and antennas.



Antenna Gain 4 dBi

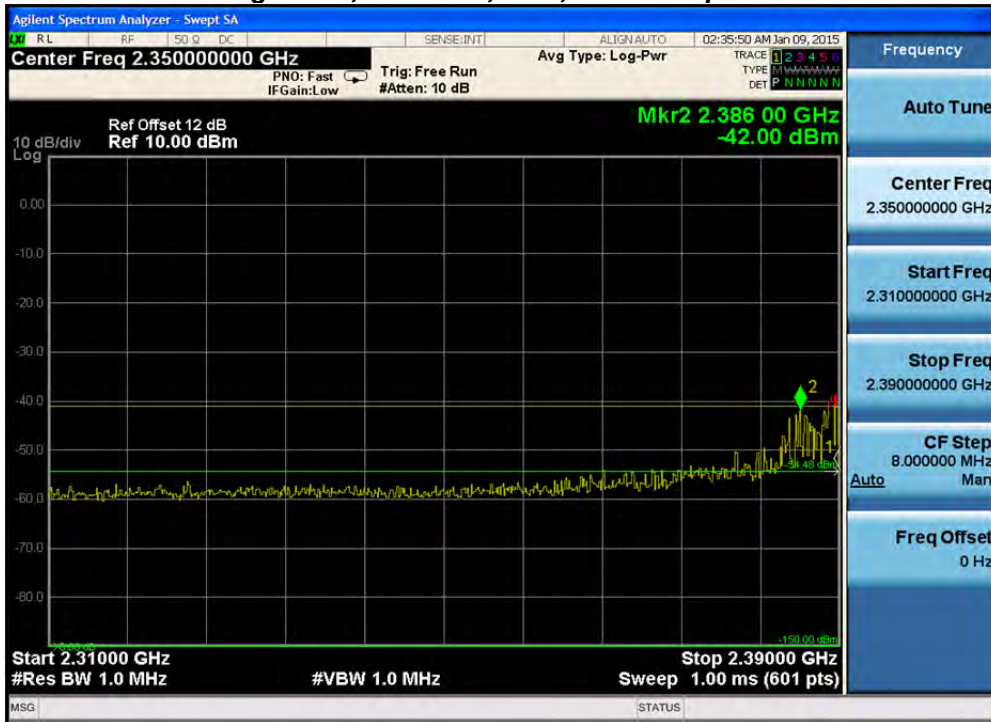
Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
2412	CCK, 1 to 11 Mbps	1	4	-42.0				-38.0	-27	11.0
	CCK, 1 to 11 Mbps	2	4	-42.0	-41.3			-34.6	-27	7.6
	CCK, 1 to 11 Mbps	3	4	-42.0	-41.3	-42.0		-33.0	-27	6.0
	CCK, 1 to 11 Mbps	4	4	-42.0	-41.3	-42.0	-40.8	-31.5	-27	4.5
	Non HT-20, 6 to 54 Mbps	1	4	-35.8				-31.8	-27	4.8
	Non HT-20, 6 to 54 Mbps	2	4	-35.8	-35.4			-28.6	-27	1.6
	Non HT-20, 6 to 54 Mbps	3	4	-35.8	-35.4	-36.6		-27.1	-27	0.1
	Non HT-20, 6 to 54 Mbps	4	4	-42.3	-37.7	-37.4	-39.4	-28.8	-27	1.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	7	-39.8	-40.7			-30.2	-27	3.2
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	9	-40.9	-39.8	-43.3		-27.5	-27	0.5
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	10	-42.8	-42.1	-44.8	-50.6	-28.1	-27	1.1
	HT-20, M0 to M7	1	4	-35.8				-31.8	-27	4.8
	HT-20, M0 to M7	2	4	-35.8	-35.4			-28.6	-27	1.6
	HT-20, M8 to M15	2	4	-35.8	-35.4			-28.6	-27	1.6
	HT-20, M0 to M7	3	4	-42.3	-37.7	-37.4		-29.9	-27	2.9
	HT-20, M8 to M15	3	4	-42.3	-37.7	-37.4		-29.9	-27	2.9
	HT-20, M16 to M23	3	4	-42.3	-37.7	-37.4		-29.9	-27	2.9
	HT-20, M0 to M7	4	4	-39.4	-41.9	-38.4	-40.5	-29.8	-27	2.8
	HT-20, M8 to M15	4	4	-39.4	-41.9	-38.4	-40.5	-29.8	-27	2.8
	HT-20, M16 to M23	4	4	-39.4	-41.9	-38.4	-40.5	-29.8	-27	2.8
	HT-20 Beam Forming, M0 to M7	2	7	-40.0	-37.7			-28.7	-27	1.7
	HT-20 Beam Forming, M8 to M15	2	4	-35.8	-35.4			-28.6	-27	1.6
	HT-20 Beam Forming, M0 to M7	3	9	-40.9	-39.8	-43.3		-27.5	-27	0.5
	HT-20 Beam Forming, M8 to M15	3	6	-40.0	-37.7	-43.0		-29.1	-27	2.1
	HT-20 Beam Forming, M16 to M23	3	4	-42.3	-37.7	-37.4		-29.9	-27	2.9
	HT-20 Beam Forming, M0 to M7	4	10	-42.8	-42.1	-44.8	-50.6	-28.1	-27	1.1
	HT-20 Beam Forming, M8 to M15	4	7	-40.3	-37.8	-42.8	-45.4	-27.7	-27	0.7
	HT-20 Beam Forming, M16 to M23	4	5	-40.0	-37.7	-43.0	-45.9	-29.4	-27	2.4
	HT-20 STBC, M0 to M7	2	4	-35.8	-35.4			-28.6	-27	1.6
	HT-20 STBC, M0 to M7	3	4	-42.3	-37.7	-37.4		-29.9	-27	2.9
	HT-20 STBC, M0 to M7	4	4	-39.4	-41.9	-38.4	-40.5	-29.8	-27	2.8



2462	CCK, 1 to 11 Mbps	1	4	-42.0				-38.0	-27	11.0
	CCK, 1 to 11 Mbps	2	4	-42.0	-41.5			-34.7	-27	7.7
	CCK, 1 to 11 Mbps	3	4	-42.0	-41.5	-43.0		-33.4	-27	6.4
	CCK, 1 to 11 Mbps	4	4	-42.0	-41.5	-43.0	-44.8	-32.6	-27	5.6
	Non HT-20, 6 to 54 Mbps	1	4	-33.6				-29.6	-27	2.6
	Non HT-20, 6 to 54 Mbps	2	4	-36.5	-38.2			-30.3	-27	3.3
	Non HT-20, 6 to 54 Mbps	3	4	-38.9	-39.5	-38.6		-30.2	-27	3.2
	Non HT-20, 6 to 54 Mbps	4	4	-39.5	-40.1	-41.5	-40.3	-30.3	-27	3.3
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	7	-39.5	-40.1			-29.8	-27	2.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	9	-42.2	-42.4	-42.6		-28.8	-27	1.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	10	-43.9	-44.3	-45.7	-44.7	-28.6	-27	1.6
	HT-20, M0 to M7	1	4	-37.6				-33.6	-27	6.6
	HT-20, M0 to M7	2	4	-37.1	-37.7			-30.4	-27	3.4
	HT-20, M8 to M15	2	4	-37.1	-37.7			-30.4	-27	3.4
	HT-20, M0 to M7	3	4	-38.5	-39.9	-42.1		-31.2	-27	4.2
	HT-20, M8 to M15	3	4	-38.5	-39.9	-42.1		-31.2	-27	4.2
	HT-20, M16 to M23	3	4	-38.5	-39.9	-42.1		-31.2	-27	4.2
	HT-20, M0 to M7	4	4	-38.5	-39.9	-42.1	-38.2	-29.4	-27	2.4
	HT-20, M8 to M15	4	4	-38.5	-39.9	-42.1	-38.2	-29.4	-27	2.4
	HT-20, M16 to M23	4	4	-38.5	-39.9	-42.1	-38.2	-29.4	-27	2.4
	HT-20 Beam Forming, M0 to M7	2	7	-38.5	-39.9			-29.1	-27	2.1
	HT-20 Beam Forming, M8 to M15	2	4	-37.1	-37.7			-30.4	-27	3.4
	HT-20 Beam Forming, M0 to M7	3	9	-43.7	-42.2	-42.9		-29.3	-27	2.3
	HT-20 Beam Forming, M8 to M15	3	6	-38.5	-39.9	-42.1		-29.4	-27	2.4
	HT-20 Beam Forming, M16 to M23	3	4	-38.5	-39.9	-42.1		-31.2	-27	4.2
	HT-20 Beam Forming, M0 to M7	4	10	-44.6	-44.7	-43.7	-46.1	-28.7	-27	1.7
	HT-20 Beam Forming, M8 to M15	4	7	-39.2	-39.8	-40.0	-41.6	-27.0	-27	0.0
	HT-20 Beam Forming, M16 to M23	4	5	-41.1	-40.2	-40.1	-41.7	-29.5	-27	2.5
	HT-20 STBC, M0 to M7	2	4	-37.1	-37.7			-30.4	-27	3.4
	HT-20 STBC, M0 to M7	3	4	-38.5	-39.9	-42.1		-31.2	-27	4.2
HT-20 STBC, M0 to M7	4	4	-38.5	-39.9	-42.1	-38.2	-29.4	-27	2.4	



**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



Antenna A



**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



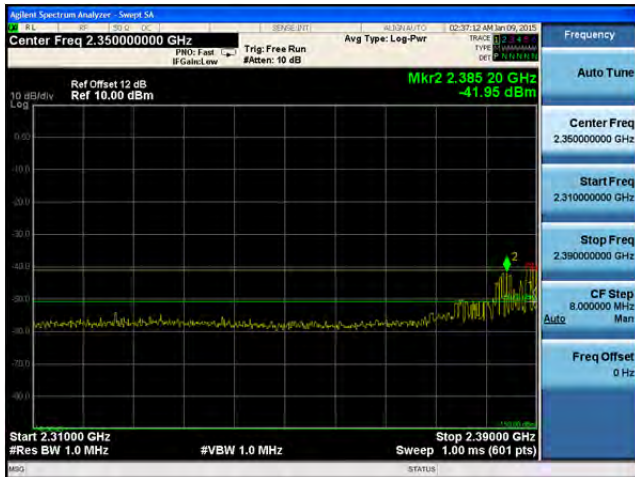
### Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps



Antenna A



Antenna B



Antenna C





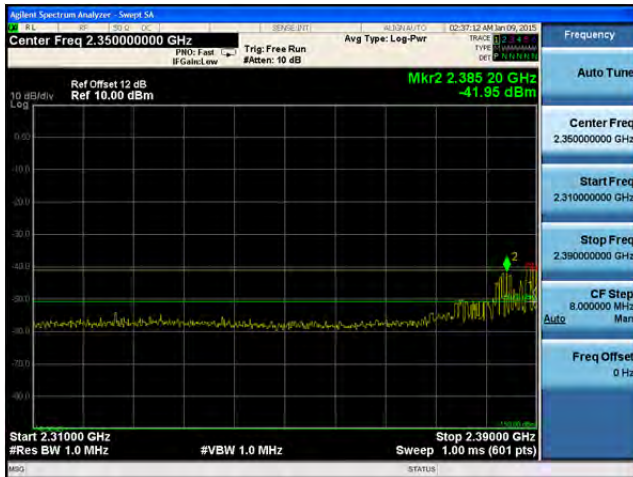
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



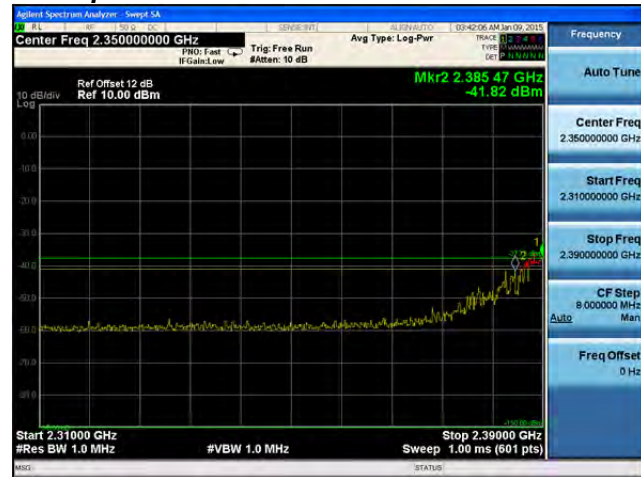
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**

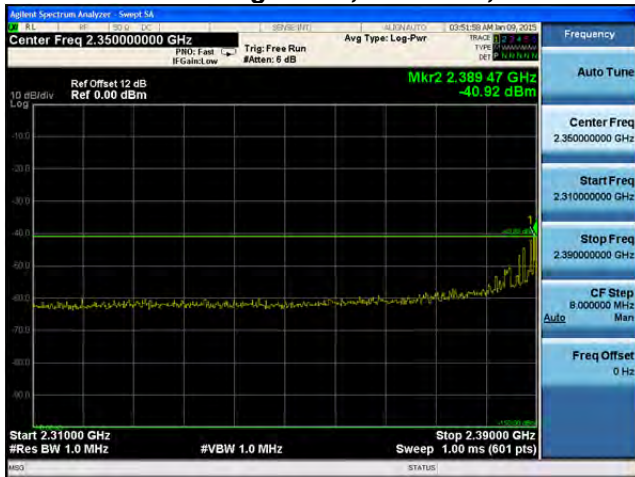


**Antenna B**

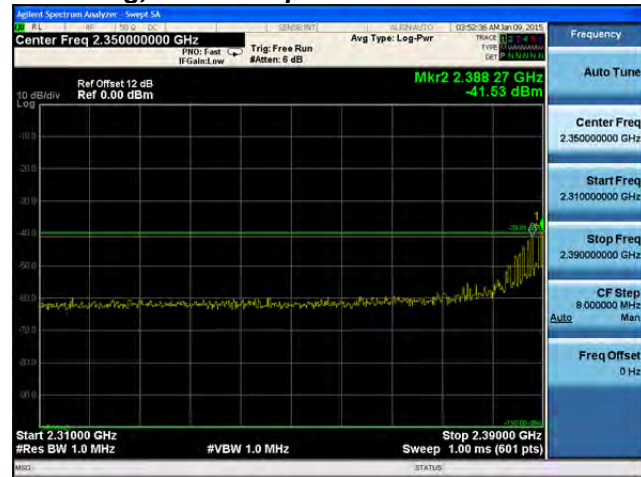




**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



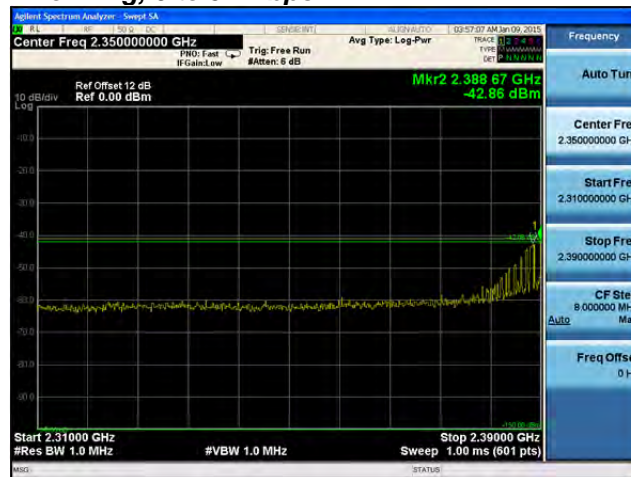
**Antenna C**



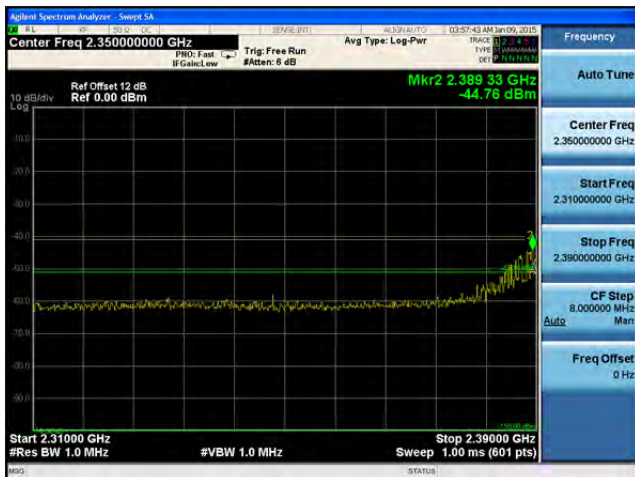
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



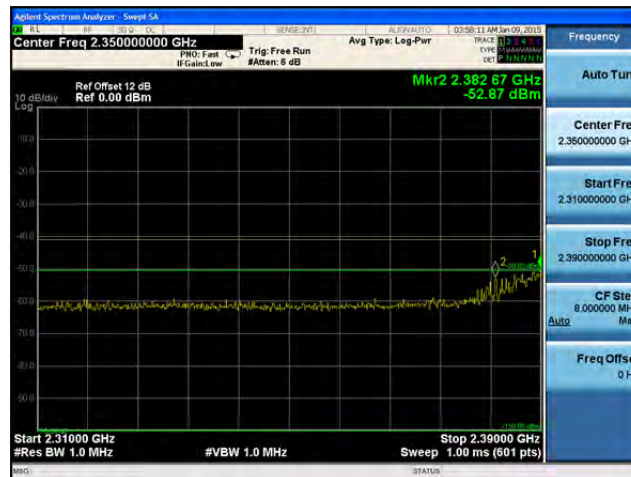
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



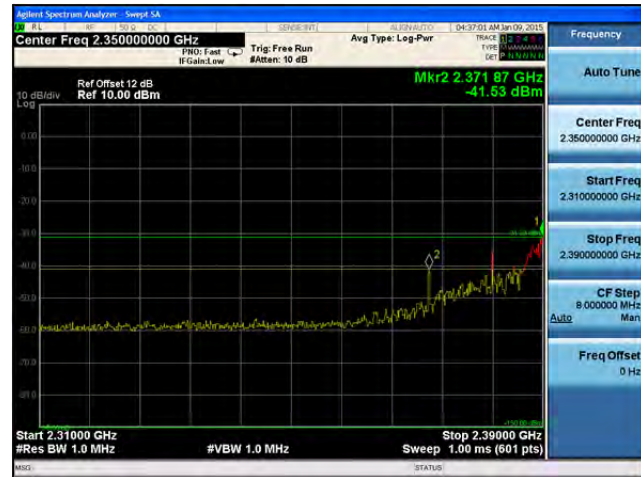
**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



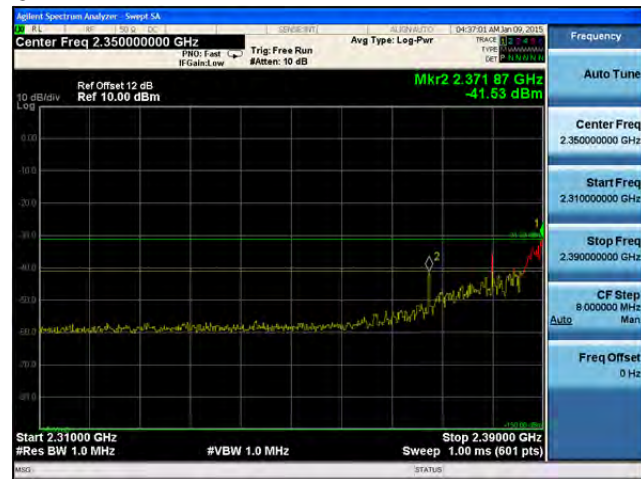
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



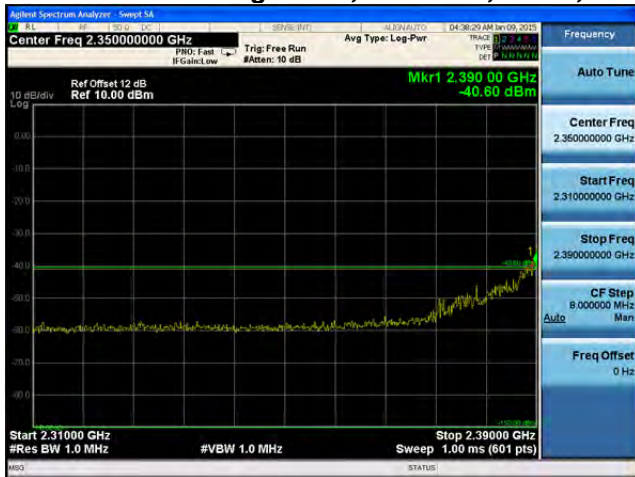
**Antenna A**



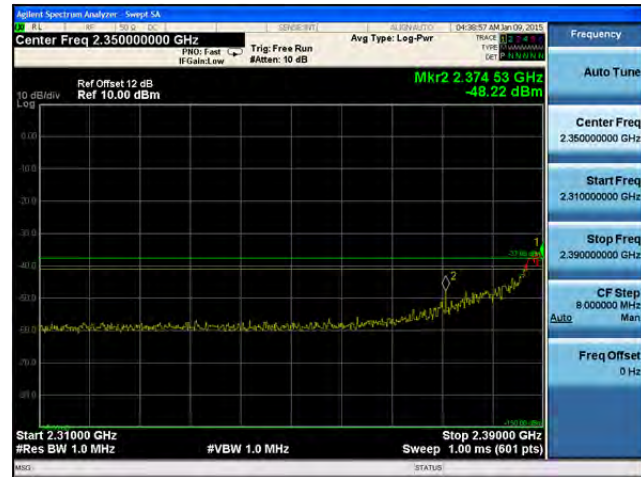
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



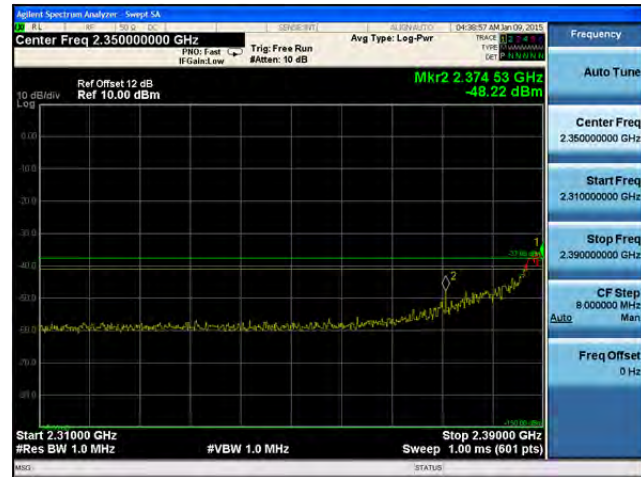
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**

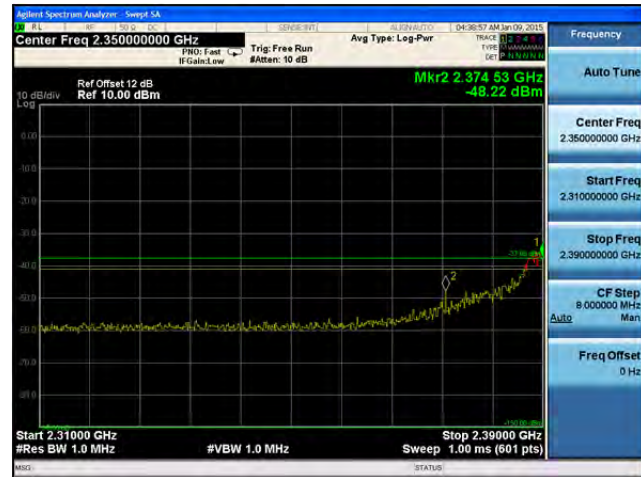




**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



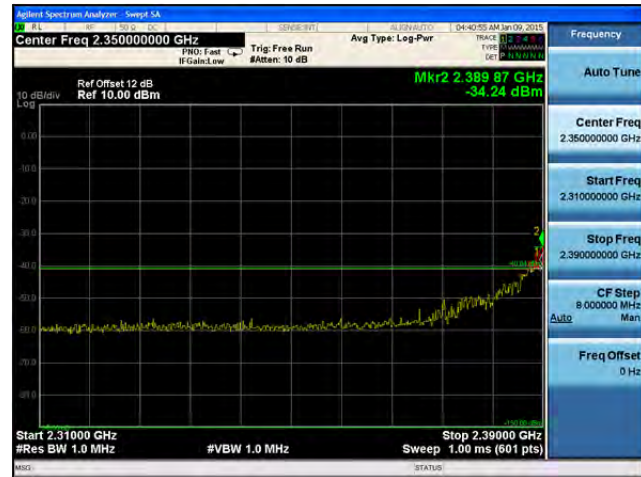
**Antenna C**



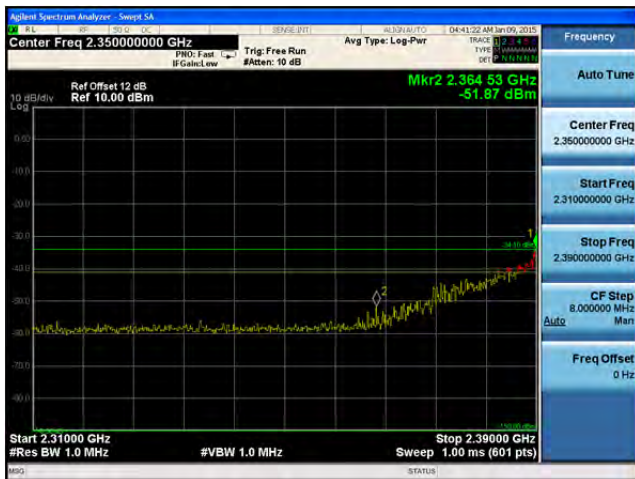
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

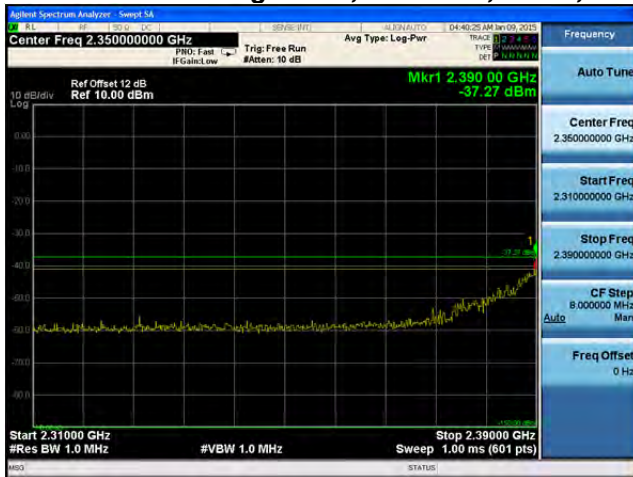


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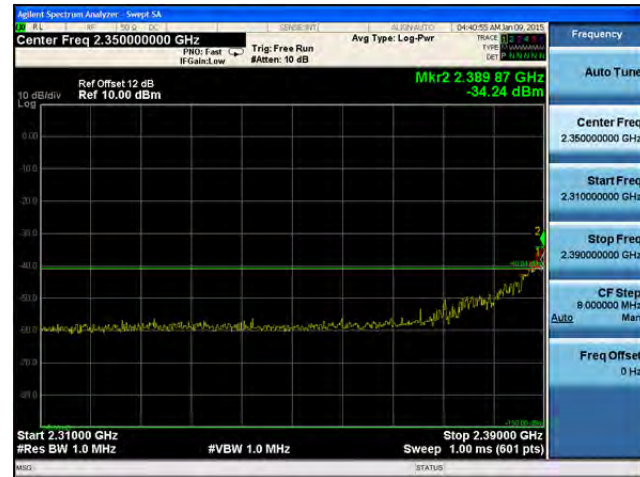




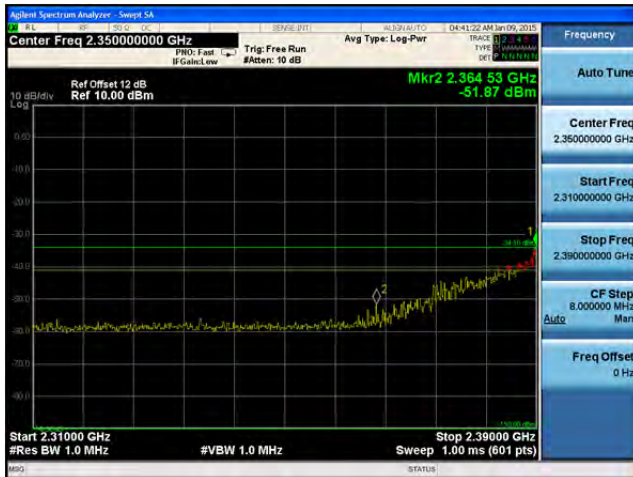
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



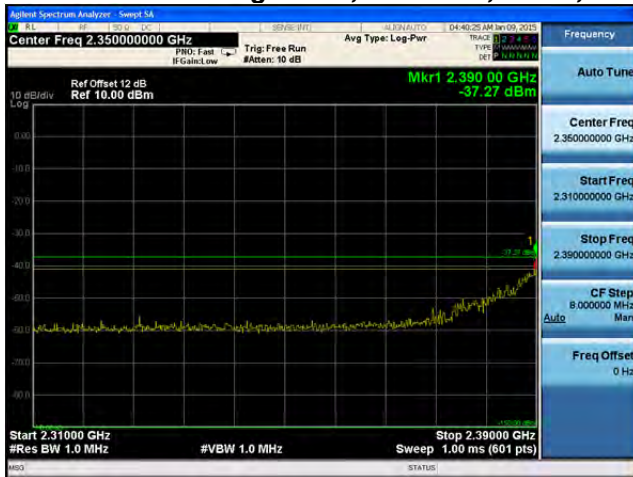
**Antenna C**



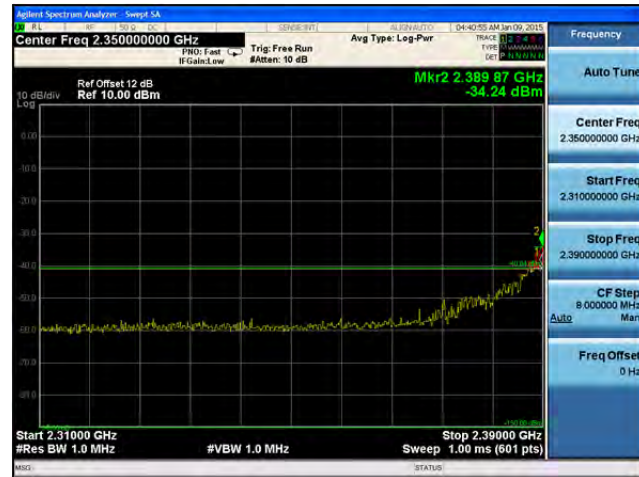
**Antenna D**



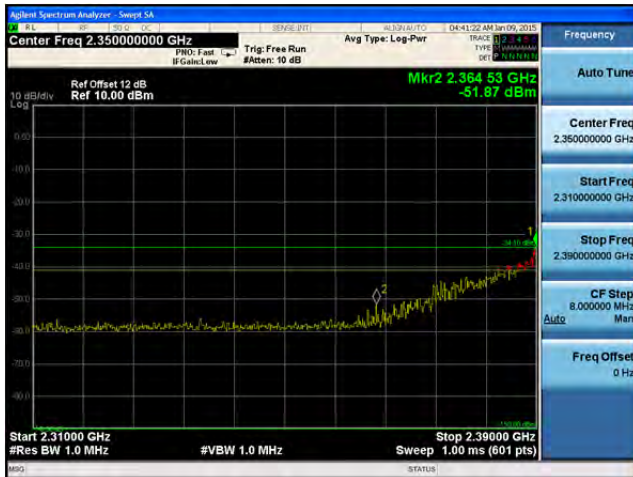
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



**Antenna C**



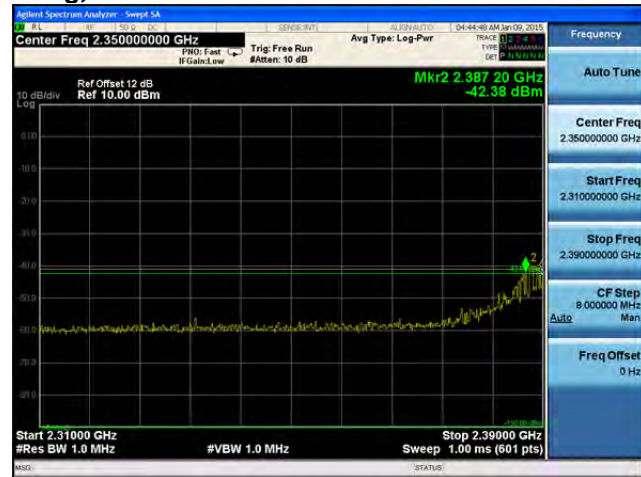
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



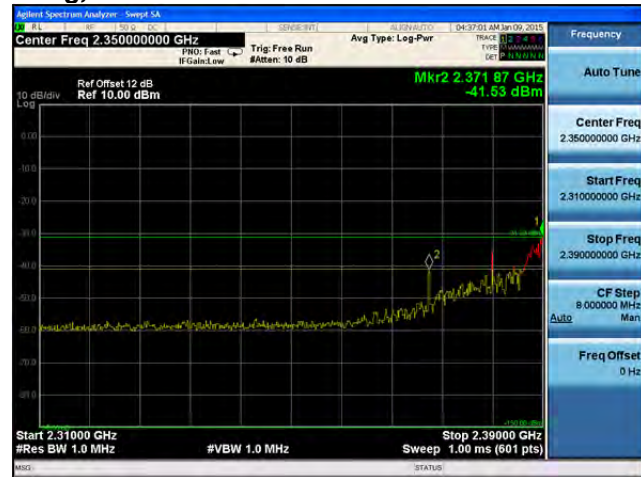
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**

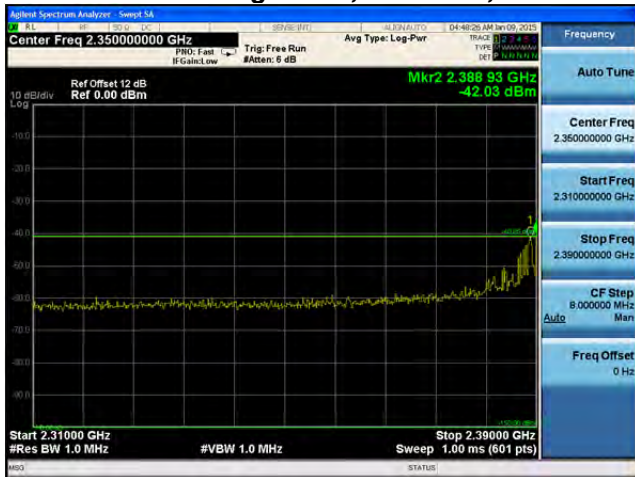


**Antenna B**





**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



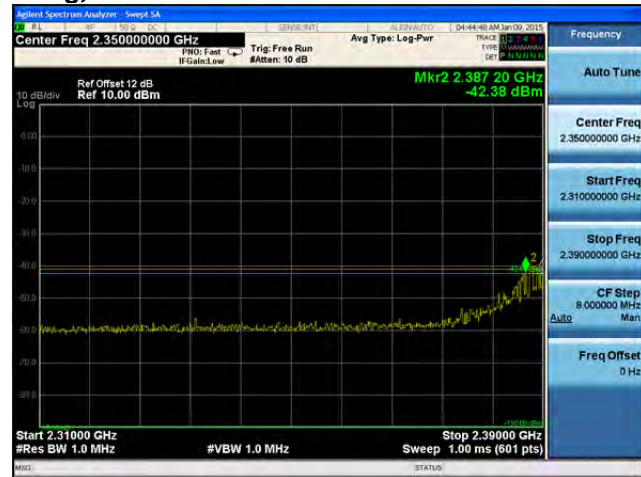
**Antenna C**



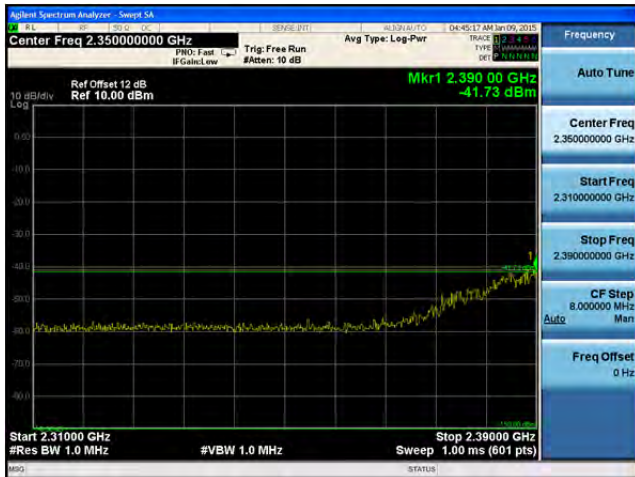
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



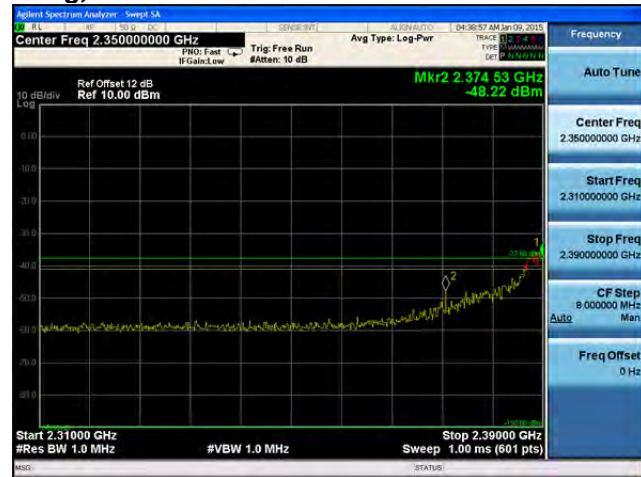
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



**Antenna B**

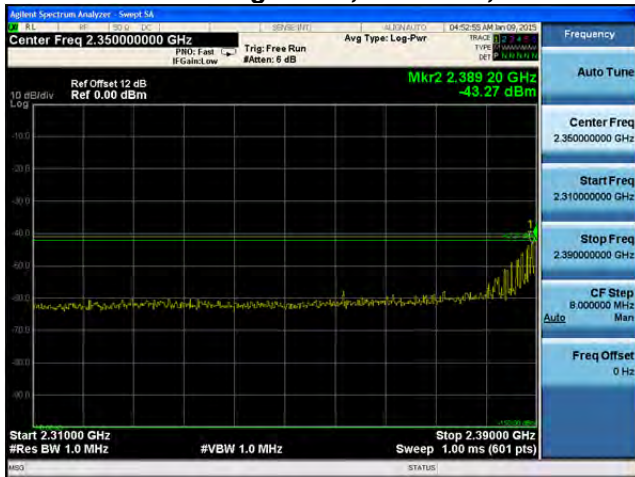


**Antenna C**

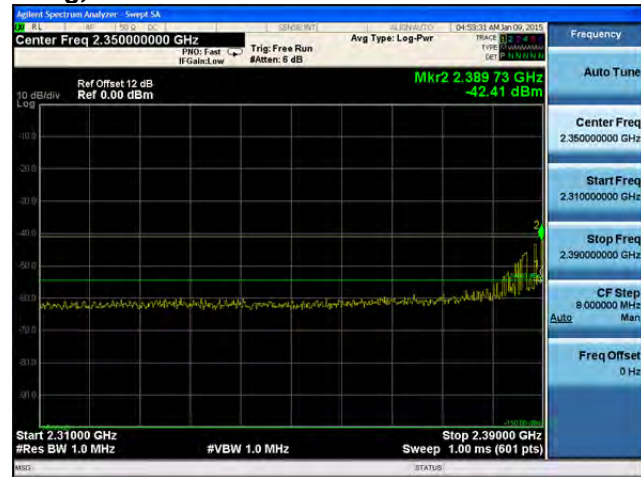




**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



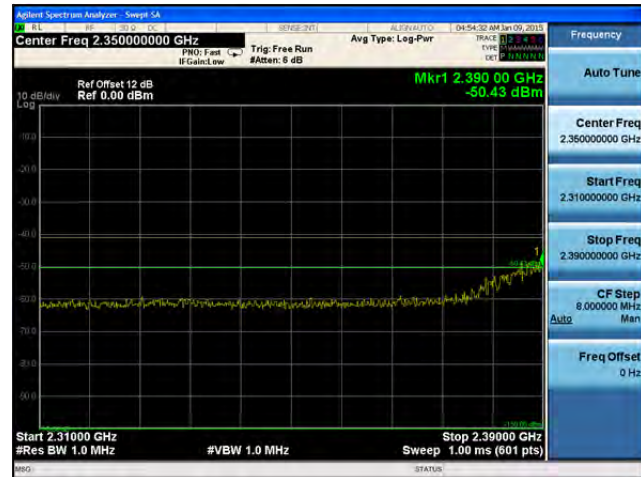
**Antenna A**



**Antenna B**



**Antenna C**



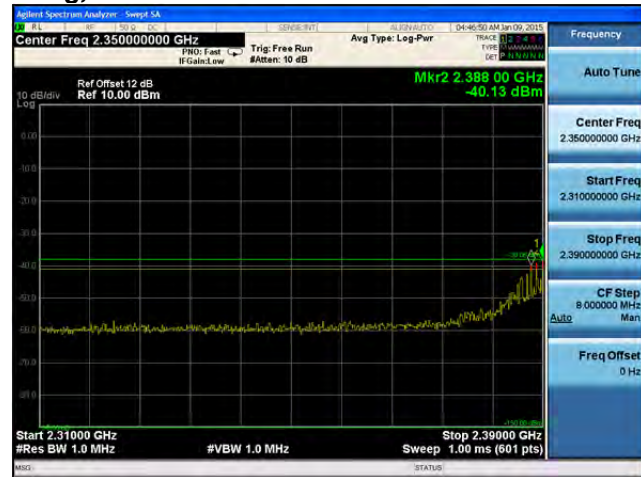
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



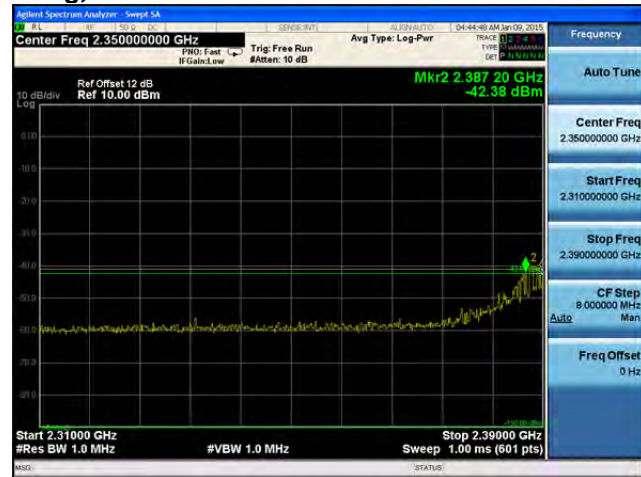
**Antenna D**



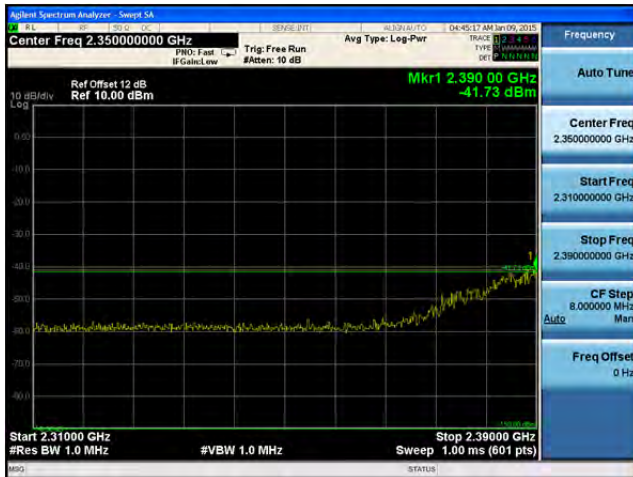
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

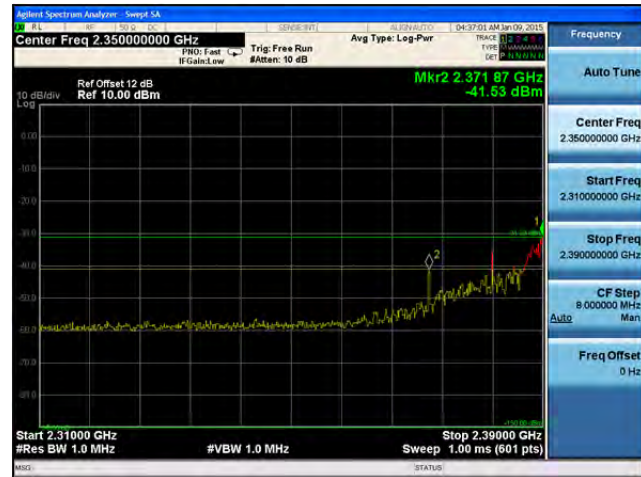




**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



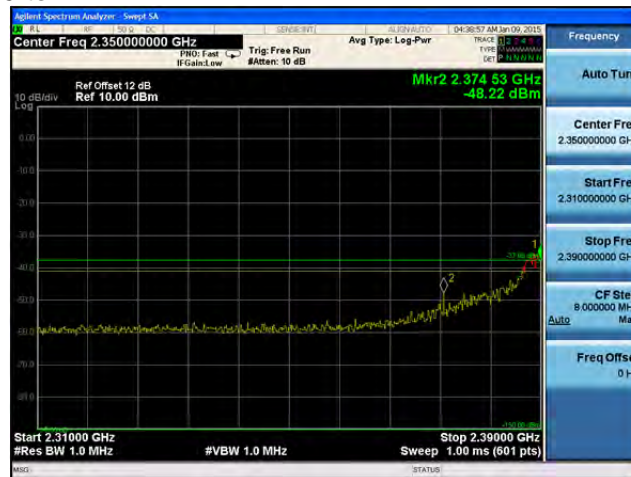
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



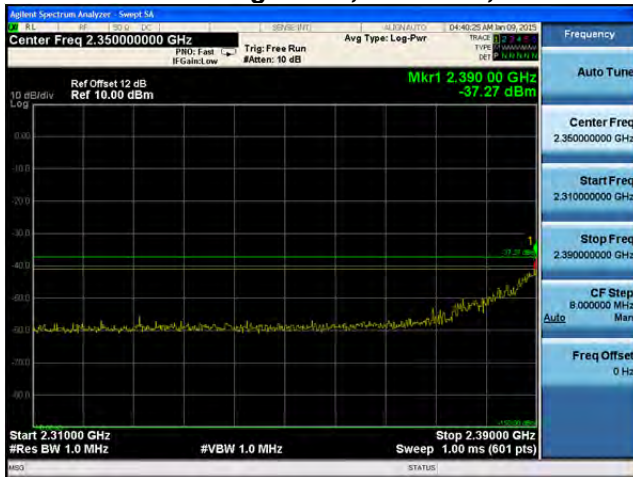
**Antenna B**



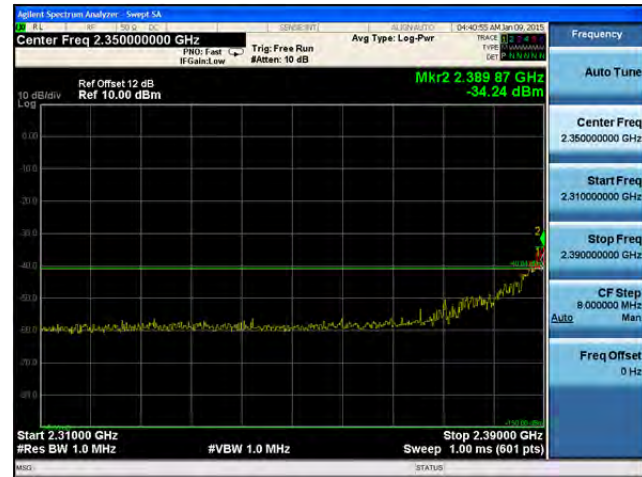
**Antenna C**



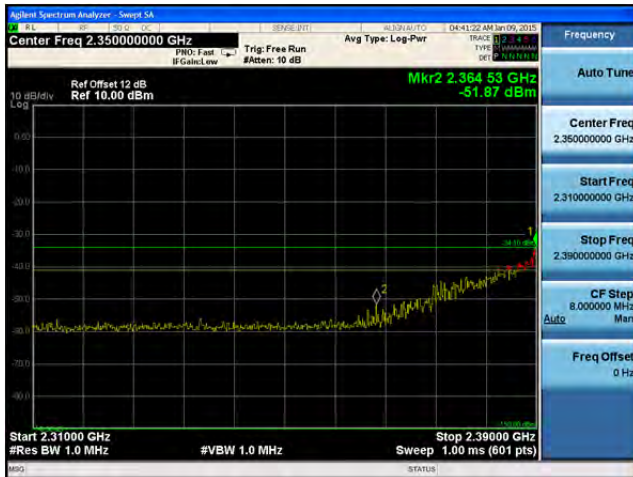
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



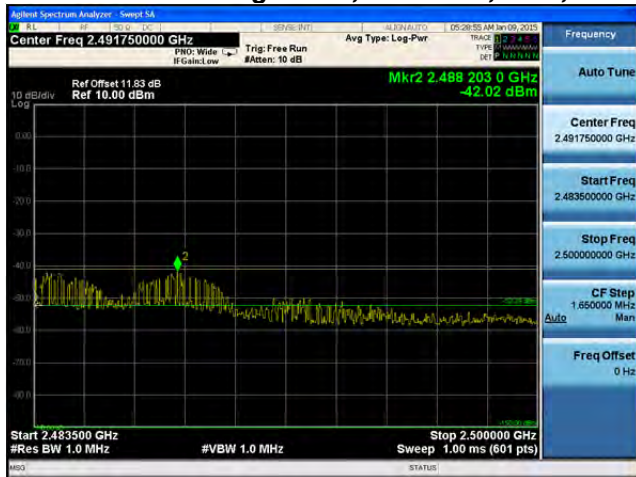
**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**

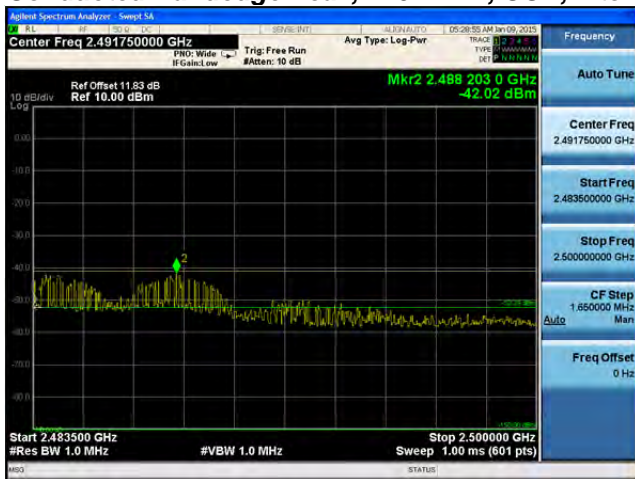


**Antenna A**

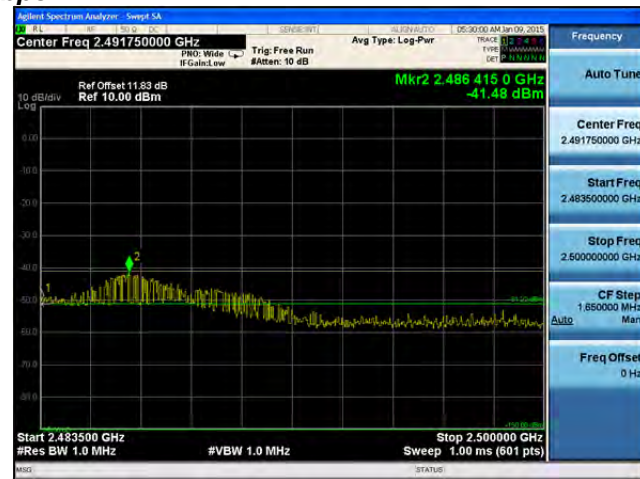




### Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps



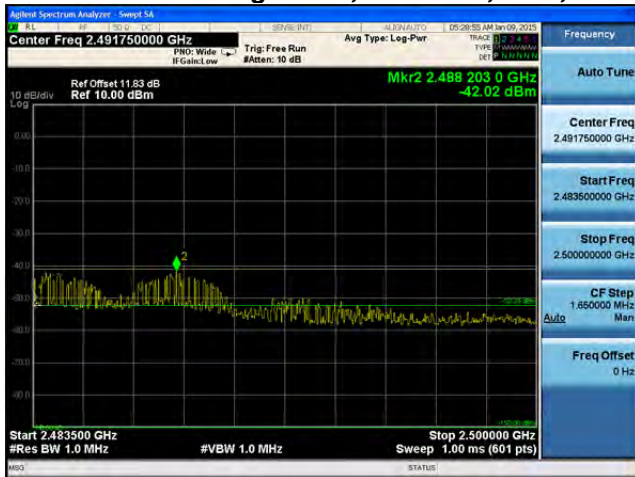
Antenna A



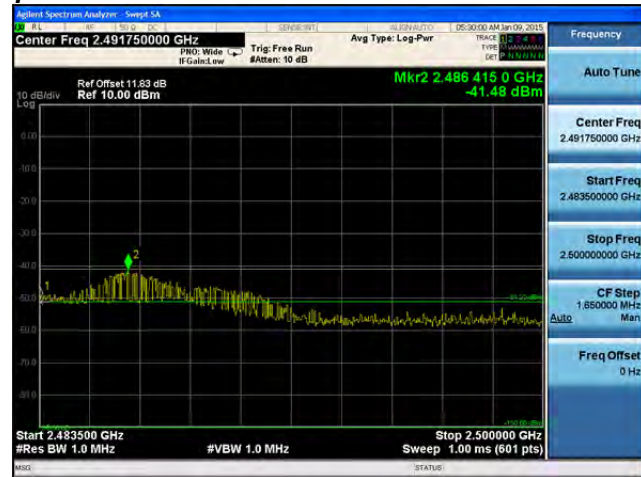
Antenna B



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



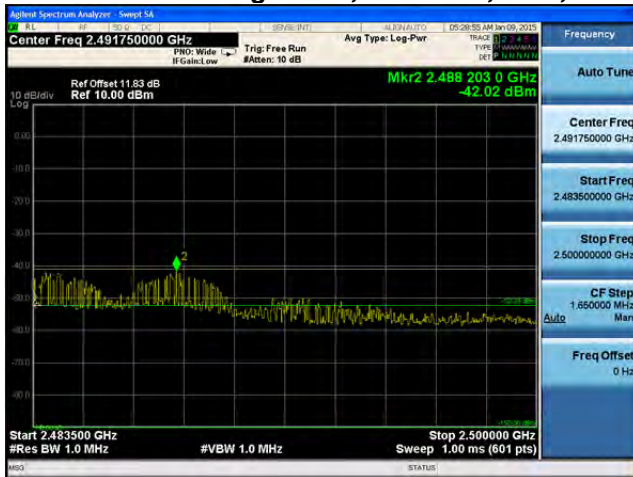
**Antenna B**



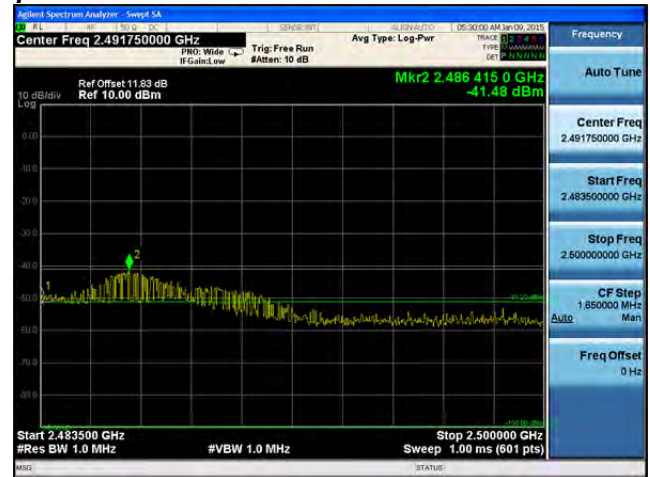
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



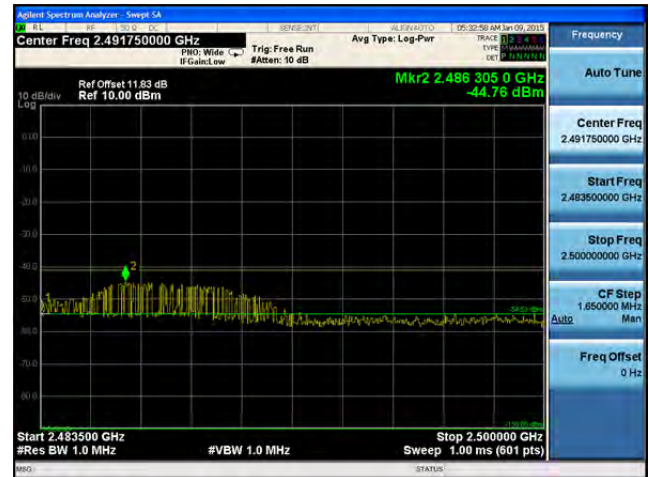
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



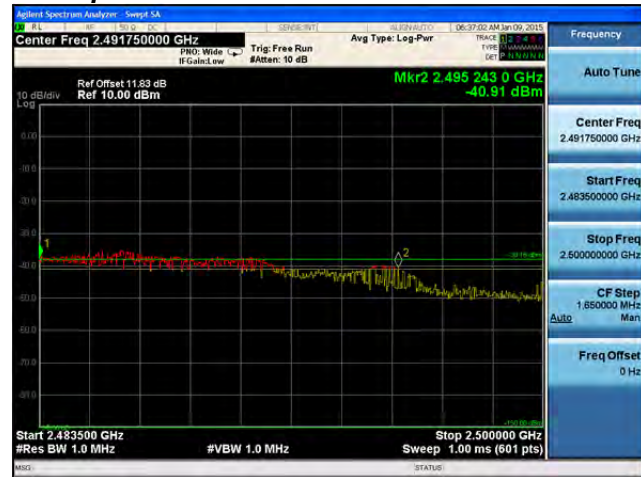
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**





**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



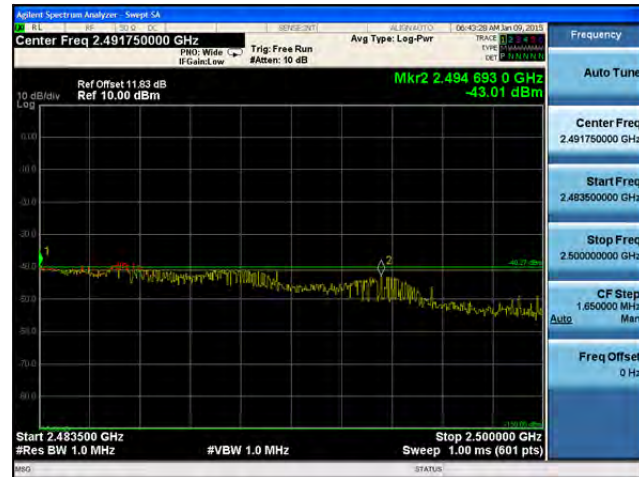
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



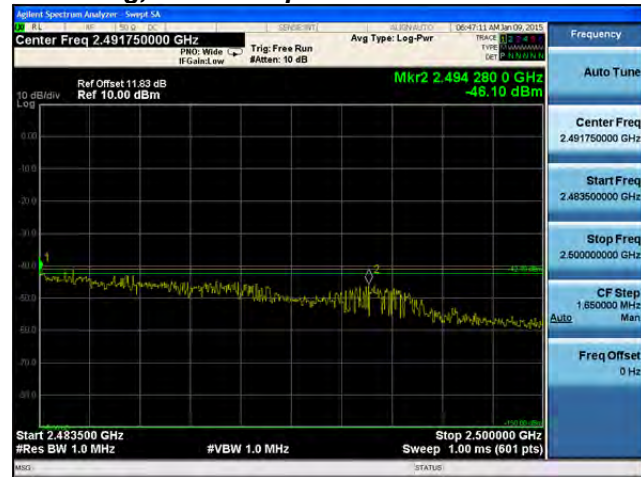
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**





**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





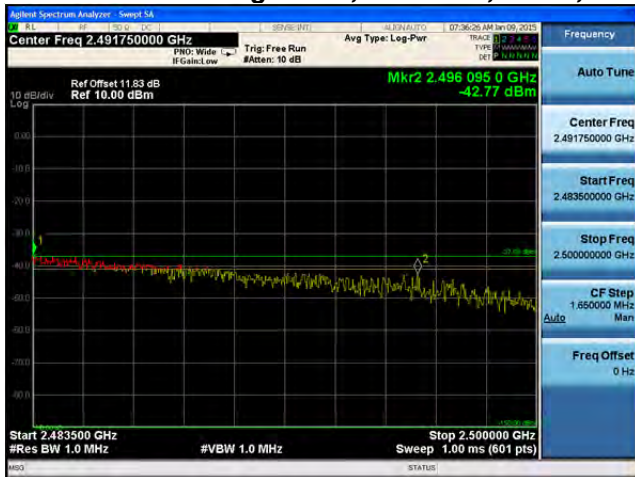
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



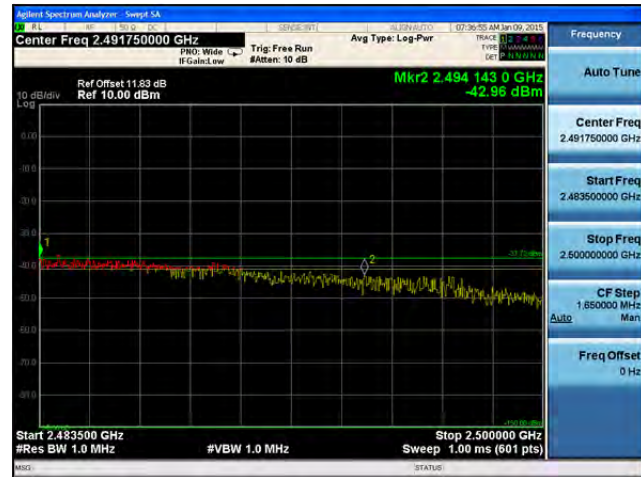
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



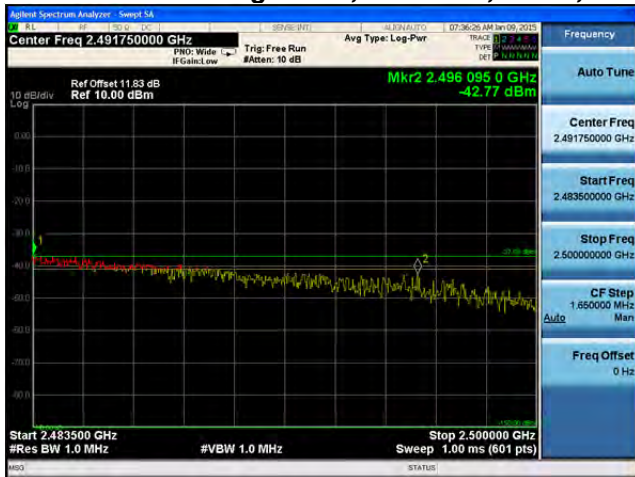
**Antenna A**



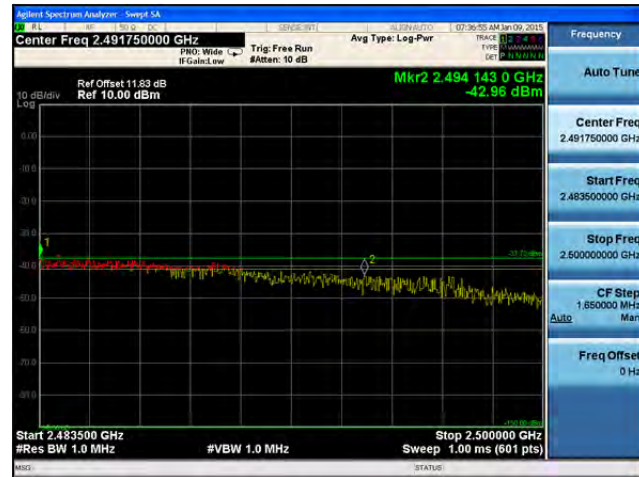
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



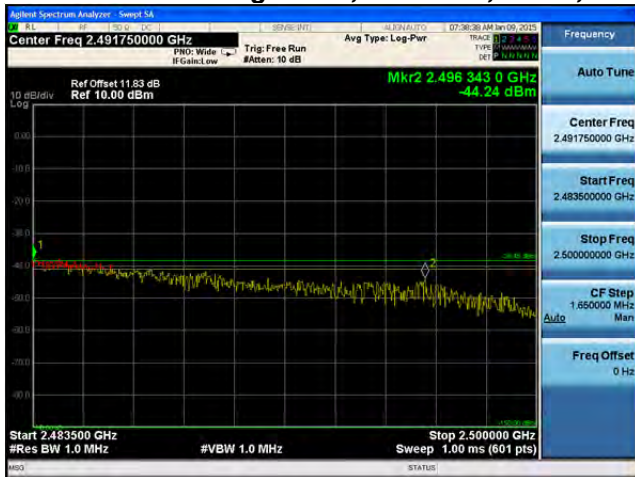
**Antenna A**



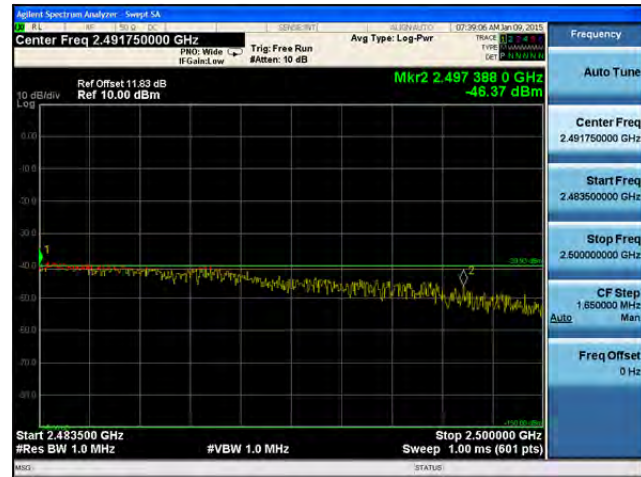
**Antenna B**



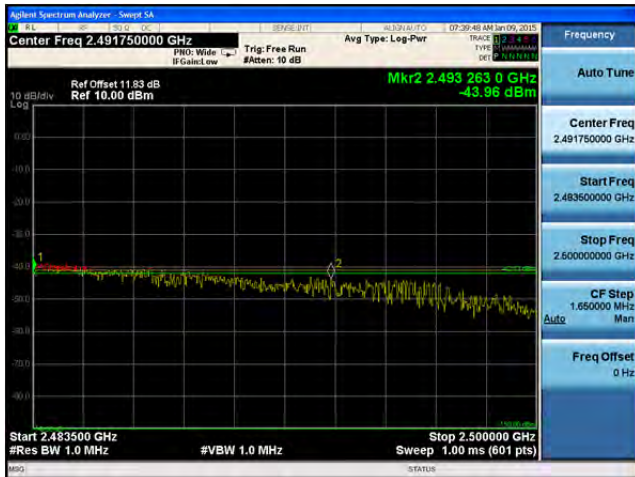
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



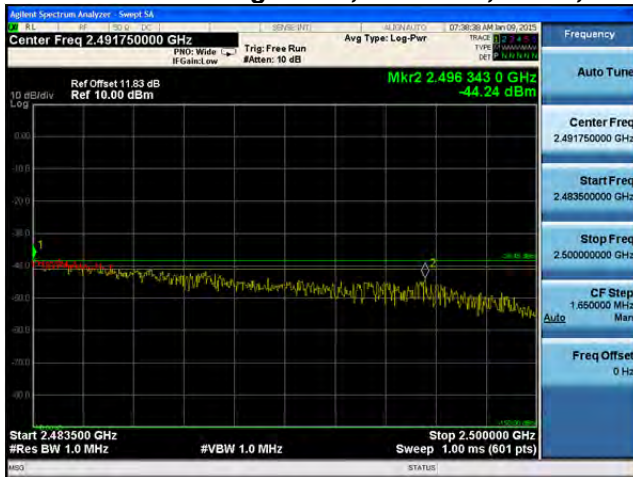
**Antenna B**



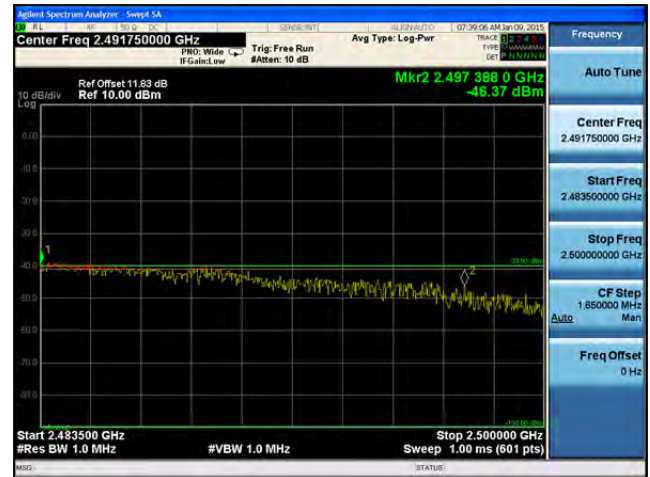
**Antenna C**



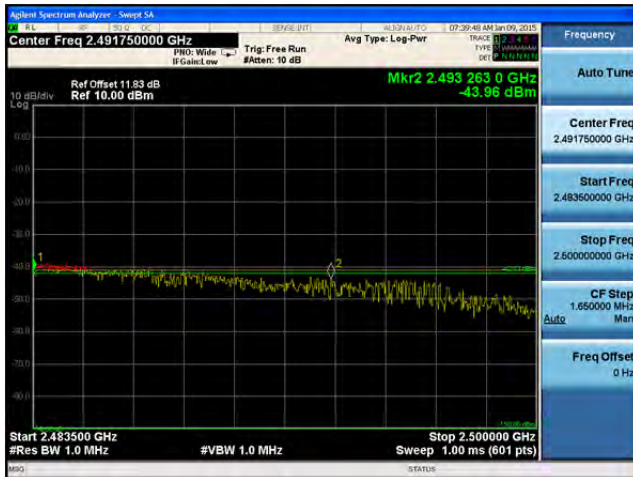
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**

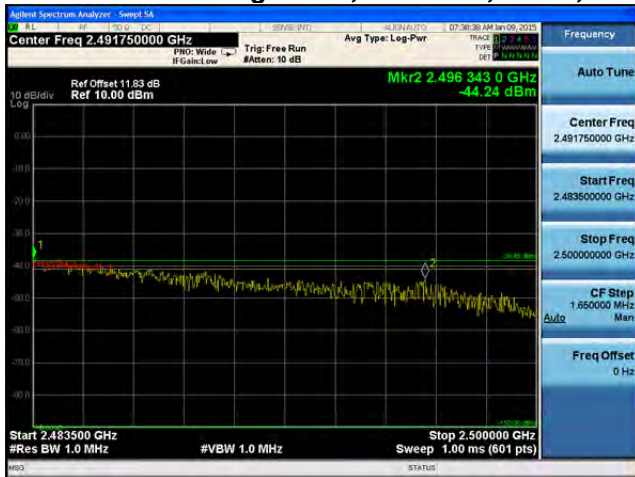


**Antenna C**

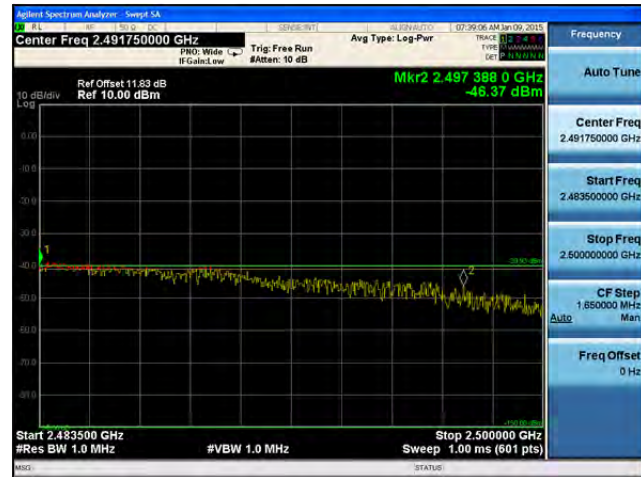




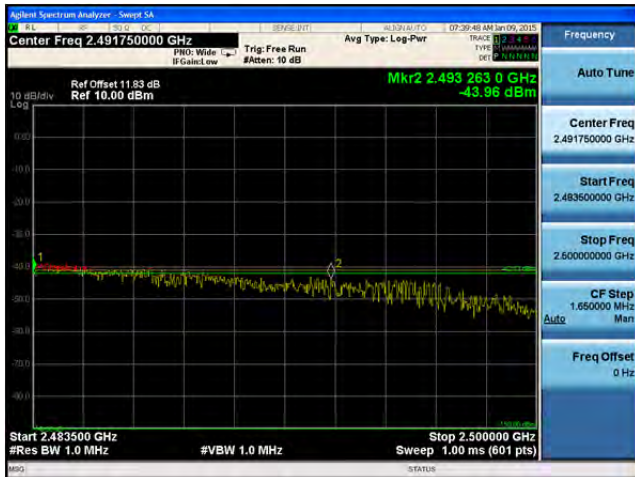
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



**Antenna A**



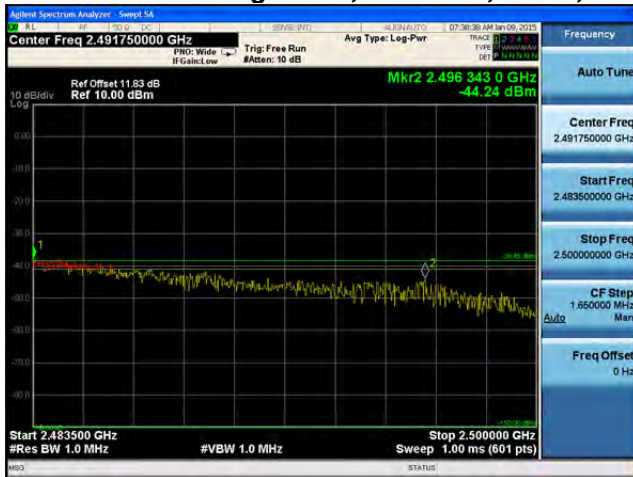
**Antenna B**



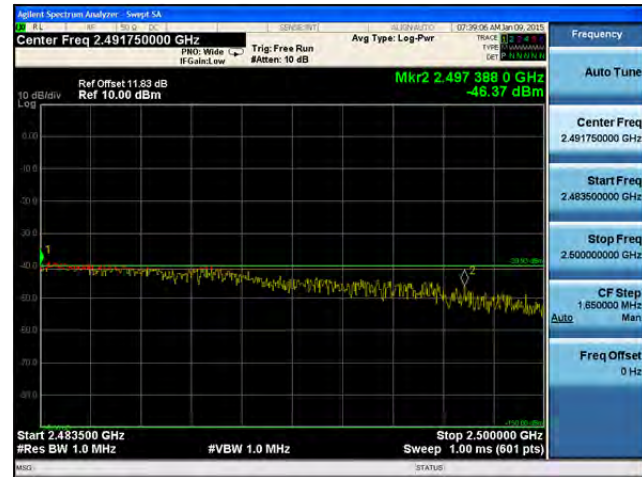
**Antenna C**



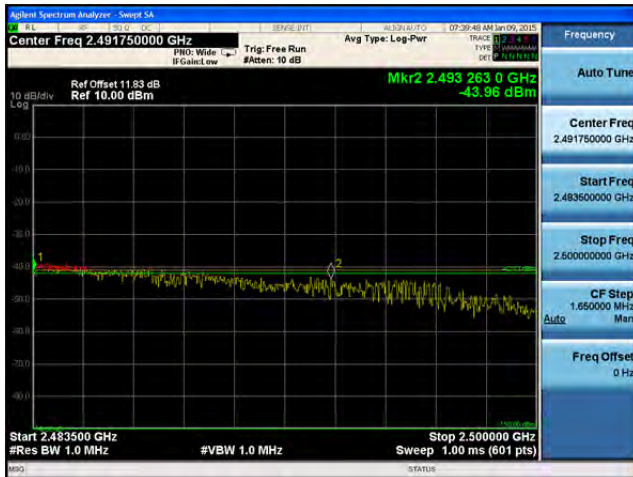
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**



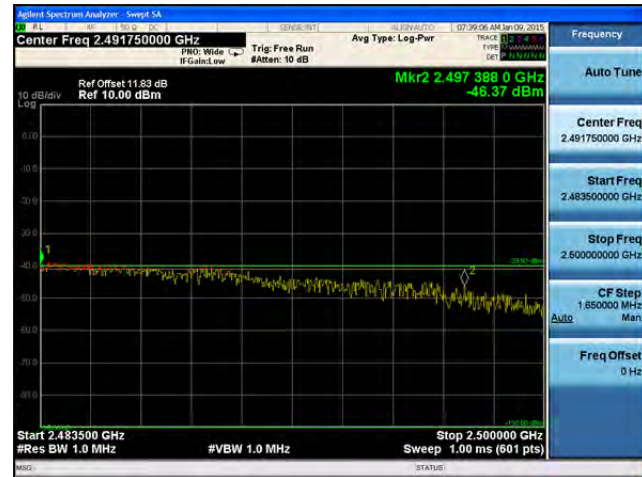
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



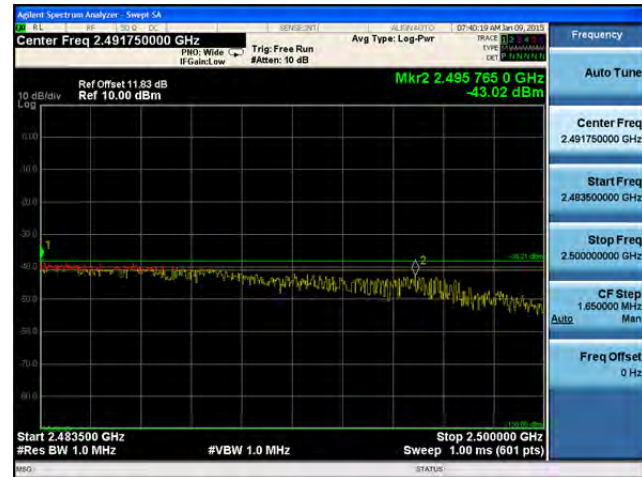
**Antenna A**



**Antenna B**



**Antenna C**

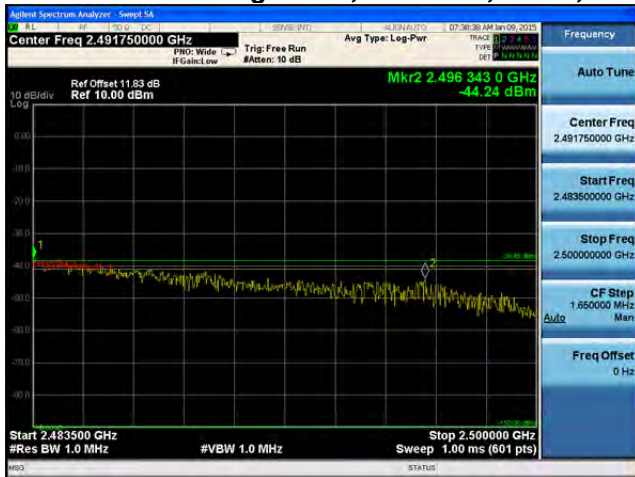


**Antenna D**

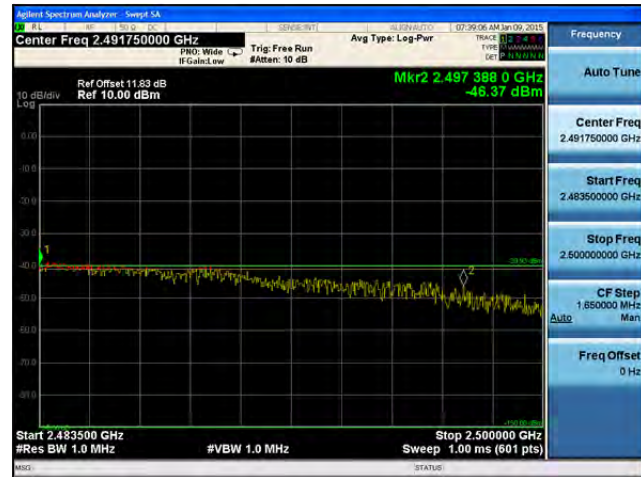




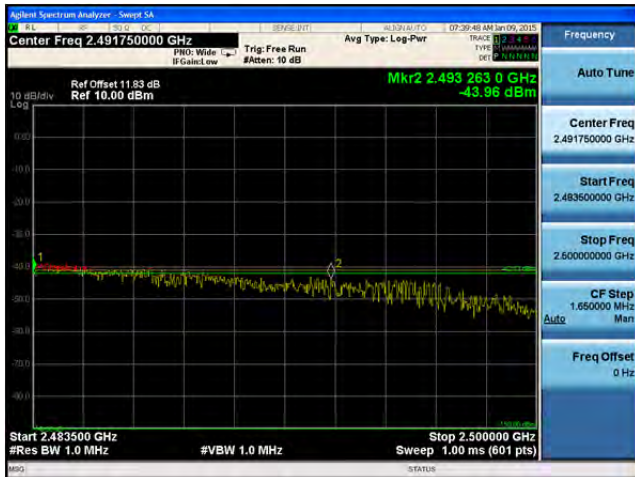
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



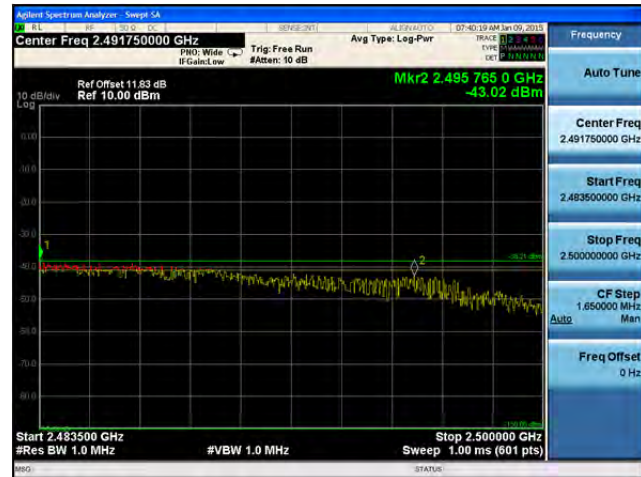
**Antenna A**



**Antenna B**



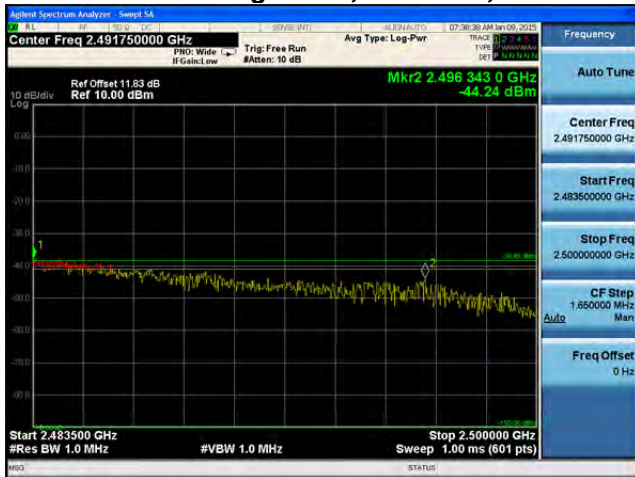
**Antenna C**



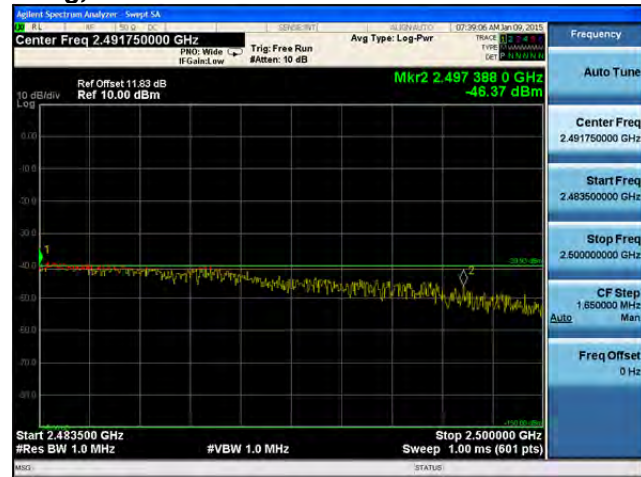
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**

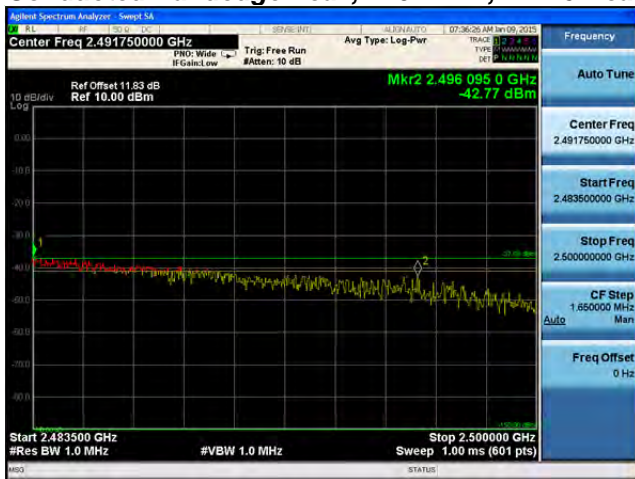


**Antenna B**

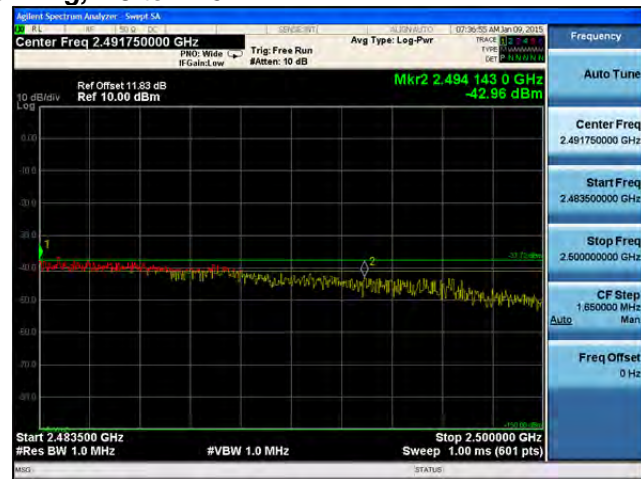




**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



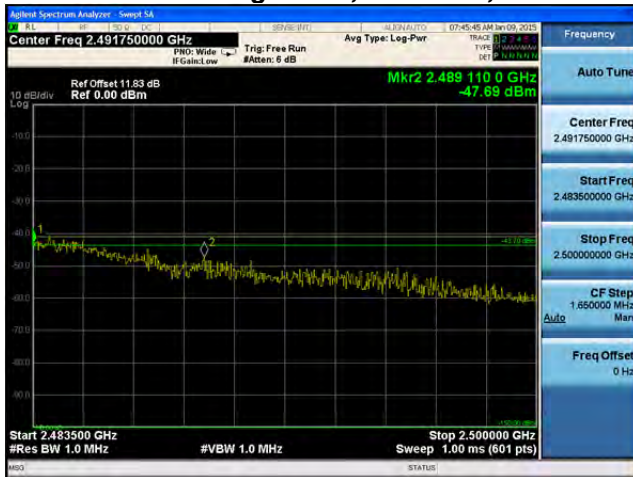
**Antenna A**



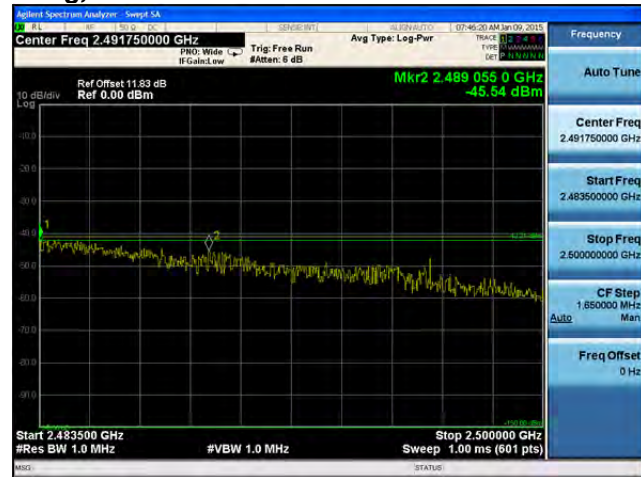
**Antenna B**



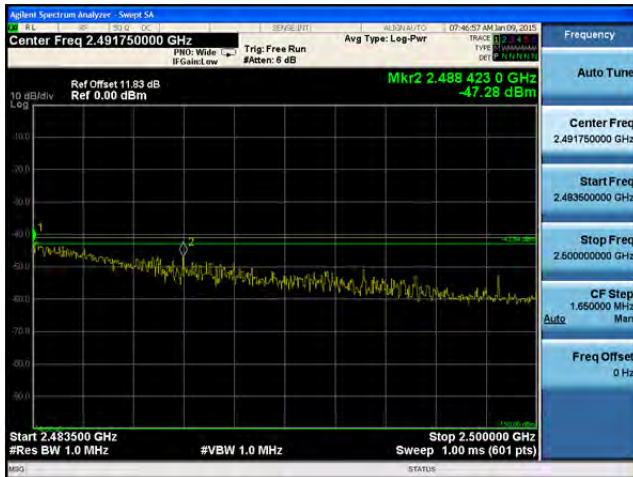
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



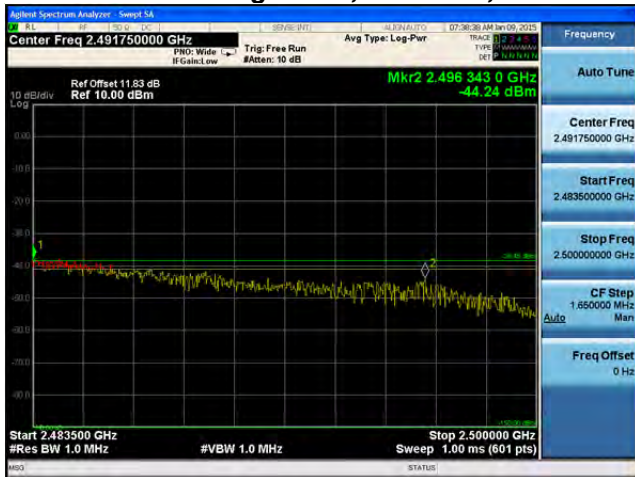
**Antenna B**



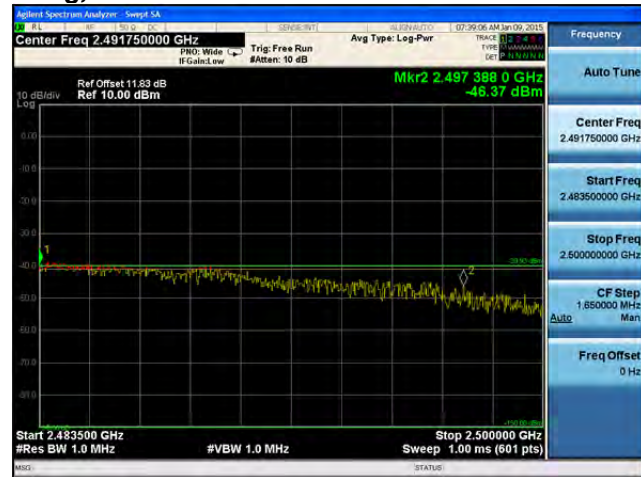
**Antenna C**



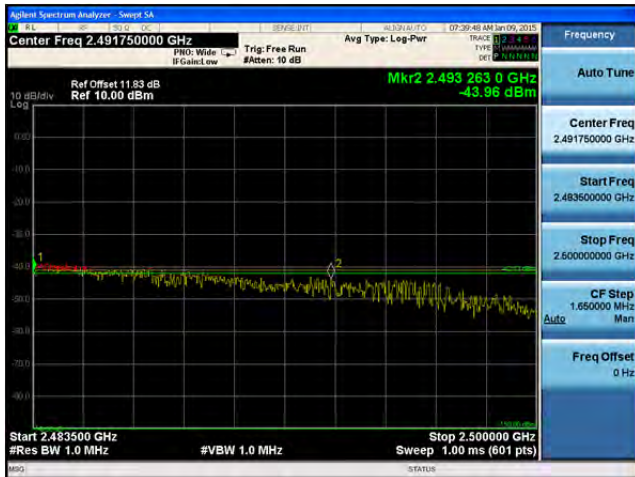
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



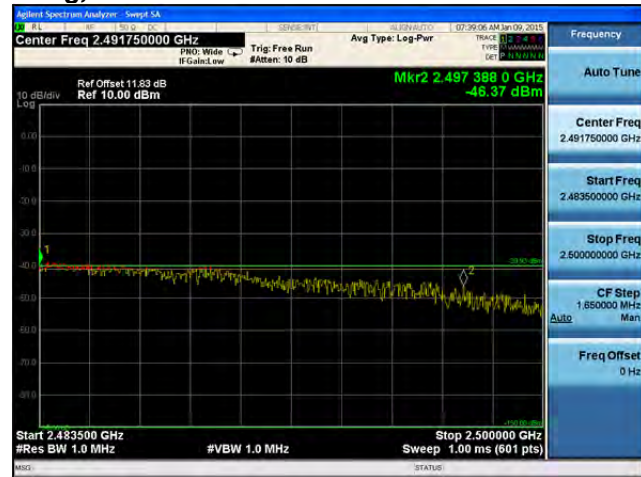
**Antenna C**



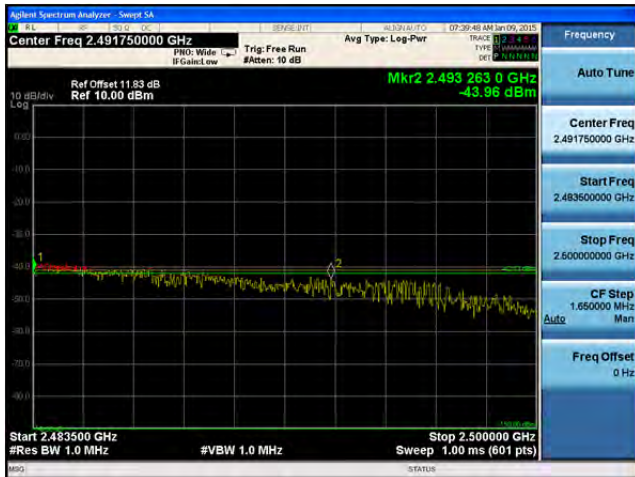
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



**Antenna B**

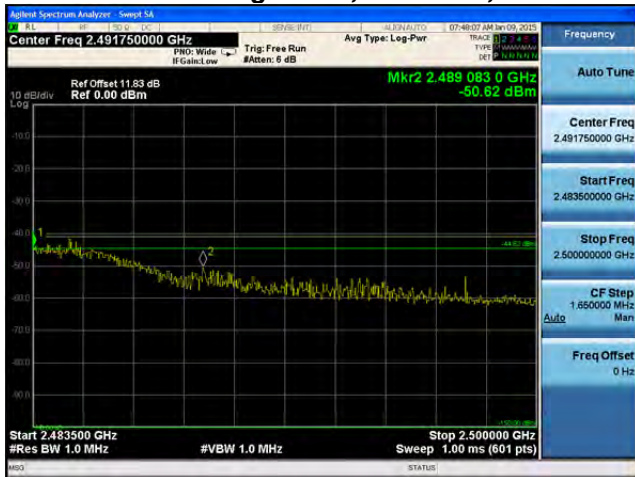


**Antenna C**

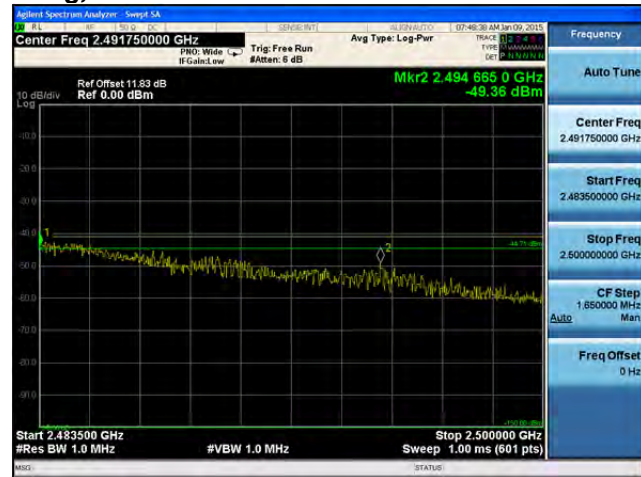




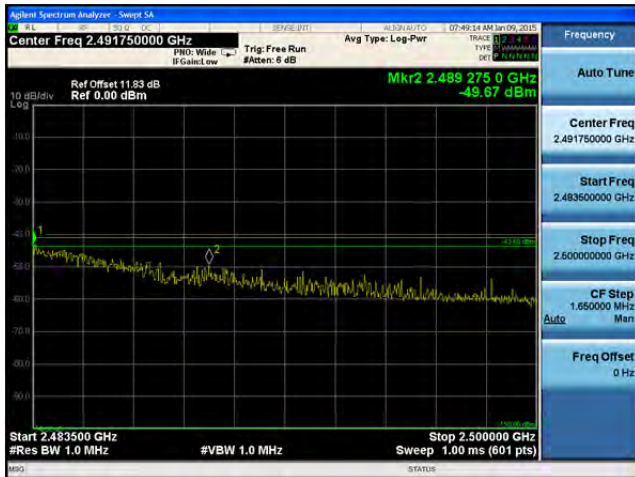
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



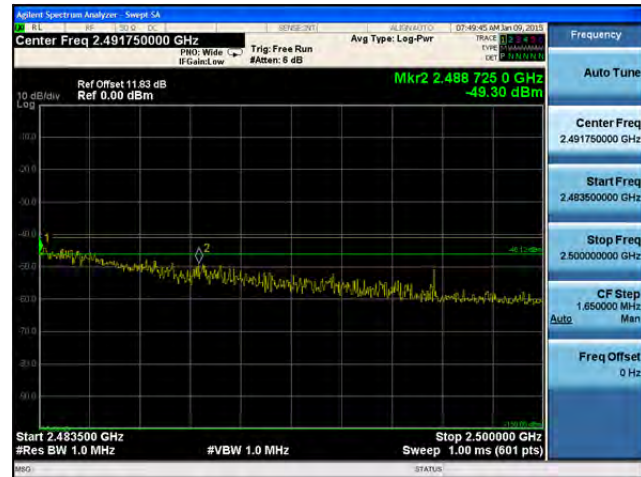
**Antenna A**



**Antenna B**



**Antenna C**

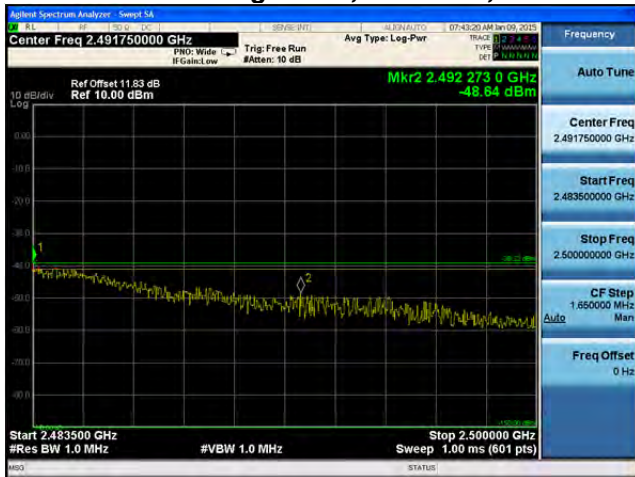


**Antenna D**

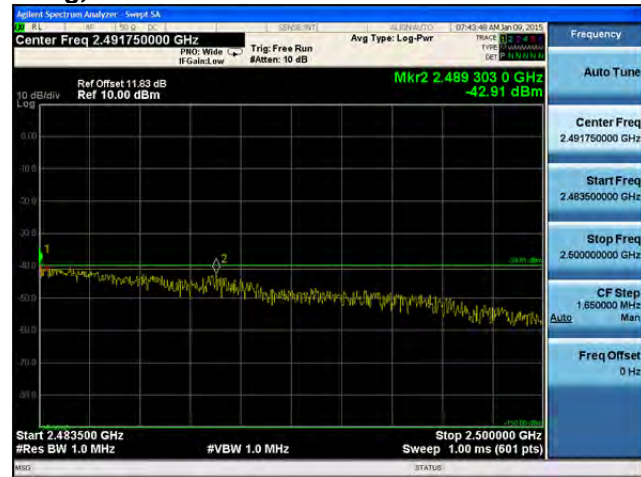




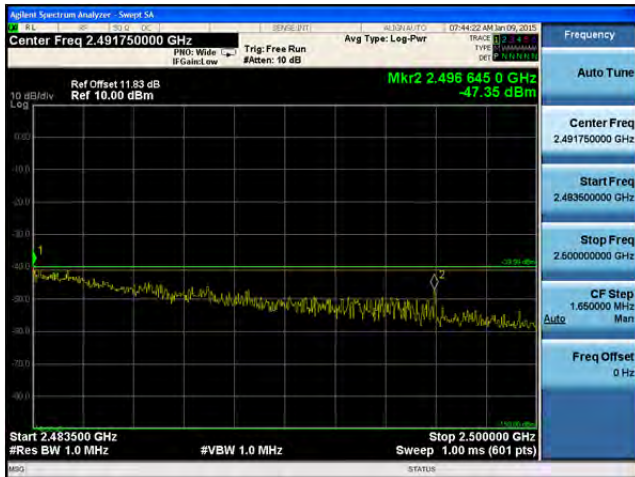
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



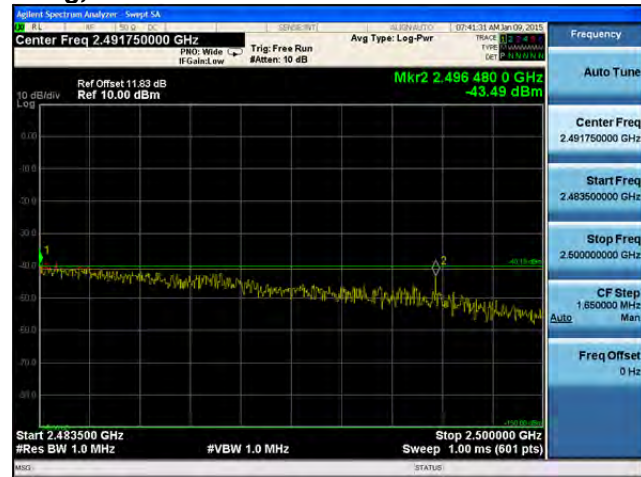
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



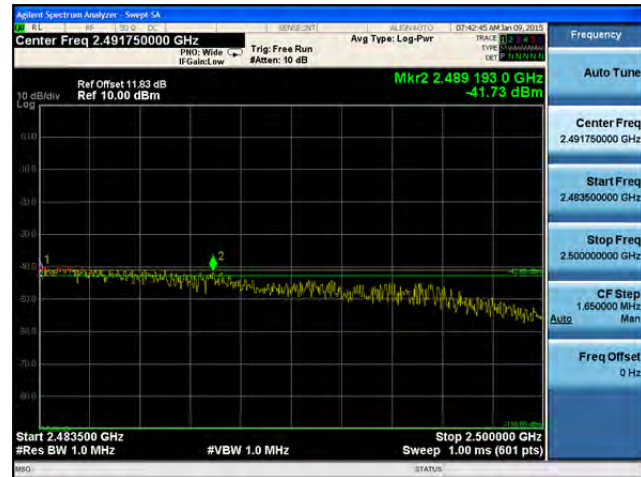
**Antenna A**



**Antenna B**



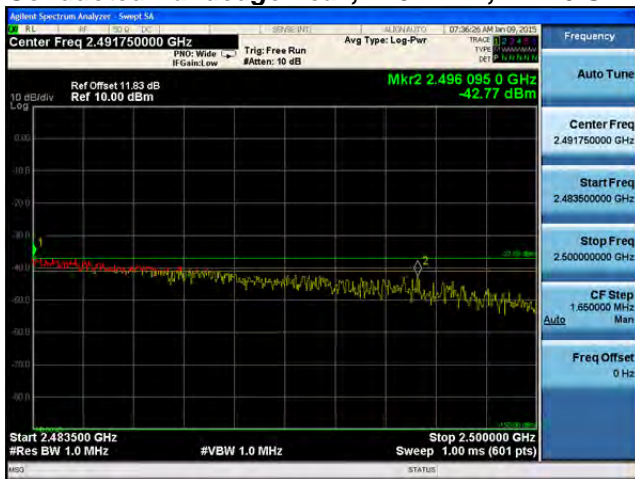
**Antenna C**



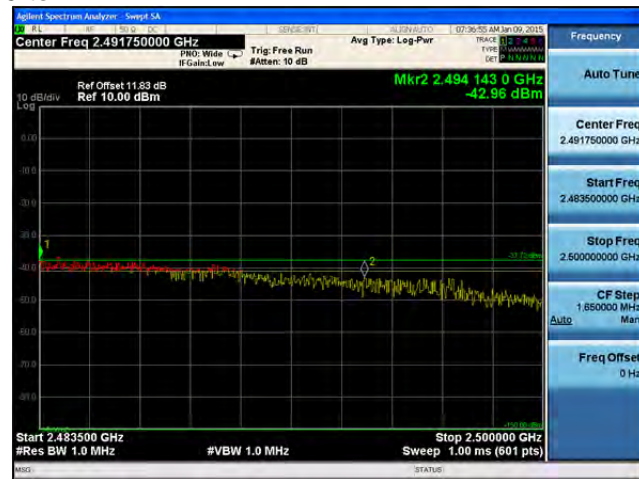
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



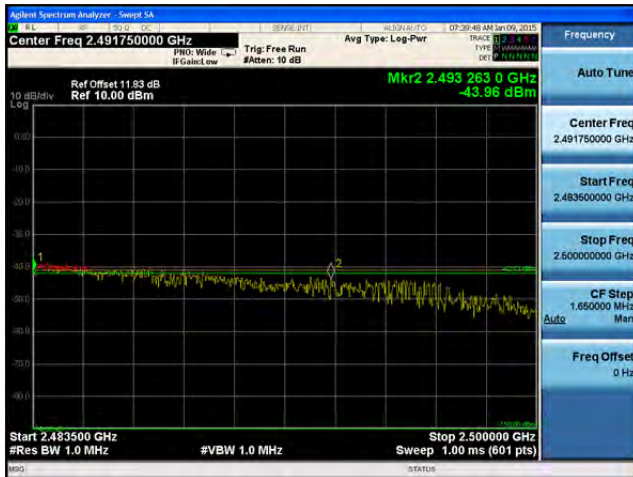
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**

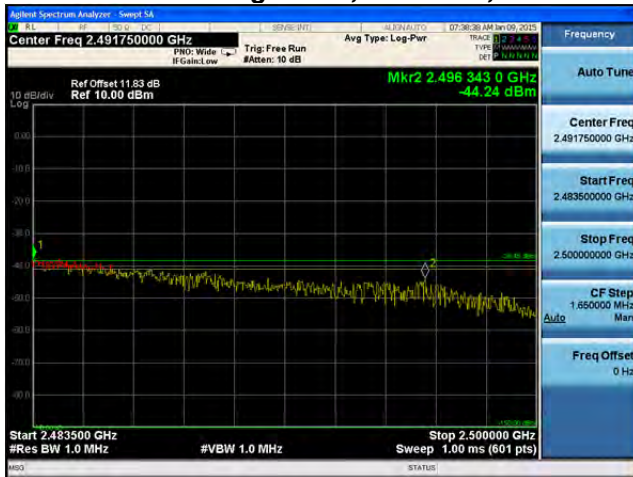


**Antenna C**

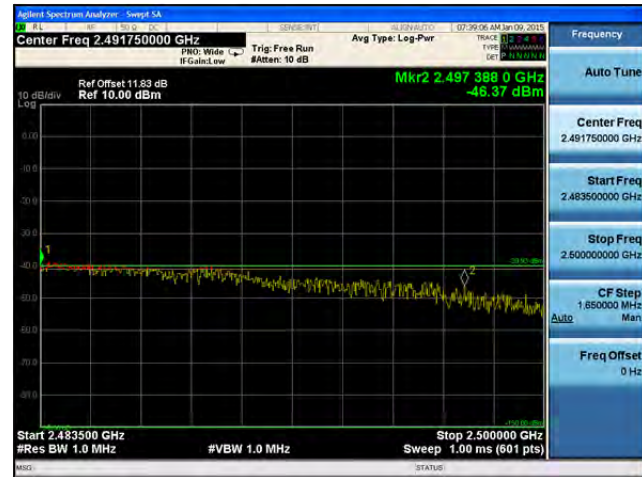




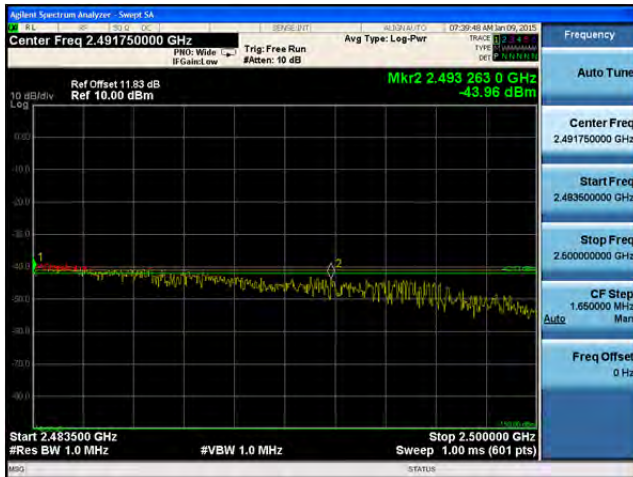
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





Antenna Gain 5

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
2412	CCK, 1 to 11 Mbps	1	5	-42.0				-37.0	-27	10.0
	CCK, 1 to 11 Mbps	2	5	-42.0	-41.3			-33.6	-27	6.6
	CCK, 1 to 11 Mbps	3	5	-42.0	-41.3	-42.0		-32.0	-27	5.0
	CCK, 1 to 11 Mbps	4	5	-42.0	-41.3	-42.0	-40.8	-30.5	-27	3.5
	Non HT-20, 6 to 54 Mbps	1	5	-35.8				-30.8	-27	3.8
	Non HT-20, 6 to 54 Mbps	2	5	-42.3	-37.7			-31.4	-27	4.4
	Non HT-20, 6 to 54 Mbps	3	5	-42.3	-37.7	-37.4		-28.9	-27	1.9
	Non HT-20, 6 to 54 Mbps	4	5	-39.4	-41.9	-38.4	-40.5	-28.8	-27	1.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	8	-39.8	-40.7			-29.2	-27	2.2
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	10	-41.4	-40.7	-43.5		-27.1	-27	0.1
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	11	-42.8	-42.1	-44.8	-50.6	-27.1	-27	0.1
	HT-20, M0 to M7	1	5	-42.3				-37.3	-27	10.3
	HT-20, M0 to M7	2	5	-39.4	-41.9			-32.5	-27	5.5
	HT-20, M8 to M15	2	5	-39.4	-41.9			-32.5	-27	5.5
	HT-20, M0 to M7	3	5	-39.4	-41.9	-38.4		-29.9	-27	2.9
	HT-20, M8 to M15	3	5	-39.4	-41.9	-38.4		-29.9	-27	2.9
	HT-20, M16 to M23	3	5	-39.4	-41.9	-38.4		-29.9	-27	2.9
	HT-20, M0 to M7	4	5	-39.4	-41.9	-38.4	-40.5	-28.8	-27	1.8
	HT-20, M8 to M15	4	5	-39.4	-41.9	-38.4	-40.5	-28.8	-27	1.8
	HT-20, M16 to M23	4	5	-39.4	-41.9	-38.4	-40.5	-28.8	-27	1.8
	HT-20 Beam Forming, M0 to M7	2	8	-40.3	-37.8			-27.9	-27	0.9
	HT-20 Beam Forming, M8 to M15	2	5	-39.4	-41.9			-32.5	-27	5.5
	HT-20 Beam Forming, M0 to M7	3	10	-41.4	-40.7	-43.5		-27.1	-27	0.1
	HT-20 Beam Forming, M8 to M15	3	7	-40.0	-37.7	-43.0		-28.1	-27	1.1
	HT-20 Beam Forming, M16 to M23	3	5	-39.4	-41.9	-38.4		-29.9	-27	2.9
	HT-20 Beam Forming, M0 to M7	4	11	-42.8	-42.1	-44.8	-50.6	-27.1	-27	0.1
	HT-20 Beam Forming, M8 to M15	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1
	HT-20 Beam Forming, M16 to M23	4	6	-40.3	-37.8	-42.8	-45.4	-28.5	-27	1.5
	HT-20 STBC, M0 to M7	2	5	-39.4	-41.9			-32.5	-27	5.5
	HT-20 STBC, M0 to M7	3	5	-39.4	-41.9	-38.4		-29.9	-27	2.9
	HT-20 STBC, M0 to M7	4	5	-39.4	-41.9	-38.4	-40.5	-28.8	-27	1.8



2462	CCK, 1 to 11 Mbps	1	5	-42.0				-37.0	-27	10.0
	CCK, 1 to 11 Mbps	2	5	-42.0	-41.5			-33.7	-27	6.7
	CCK, 1 to 11 Mbps	3	5	-42.0	-41.5	-43.0		-32.4	-27	5.4
	CCK, 1 to 11 Mbps	4	5	-42.0	-41.5	-43.0	-44.8	-31.6	-27	4.6
	Non HT-20, 6 to 54 Mbps	1	5	-36.5				-31.5	-27	4.5
	Non HT-20, 6 to 54 Mbps	2	5	-38.9	-39.5			-31.2	-27	4.2
	Non HT-20, 6 to 54 Mbps	3	5	-39.5	-40.1	-41.5		-30.5	-27	3.5
	Non HT-20, 6 to 54 Mbps	4	5	-41.8	-43.5	-41.0	-41.3	-30.8	-27	3.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	8	-41.8	-43.5			-31.6	-27	4.6
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	10	-42.2	-42.4	-42.6		-27.8	-27	0.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	11	-43.9	-44.3	-45.7	-44.7	-27.6	-27	0.6
	HT-20, M0 to M7	1	5	-37.6				-32.6	-27	5.6
	HT-20, M0 to M7	2	5	-38.5	-39.9			-31.1	-27	4.1
	HT-20, M8 to M15	2	5	-38.5	-39.9			-31.1	-27	4.1
	HT-20, M0 to M7	3	5	-38.5	-39.9	-42.1		-30.2	-27	3.2
	HT-20, M8 to M15	3	5	-38.5	-39.9	-42.1		-30.2	-27	3.2
	HT-20, M16 to M23	3	5	-38.5	-39.9	-42.1		-30.2	-27	3.2
	HT-20, M0 to M7	4	5	-41.1	-40.2	-40.1	-41.7	-29.7	-27	2.7
	HT-20, M8 to M15	4	5	-41.1	-40.2	-40.1	-41.7	-29.7	-27	2.7
	HT-20, M16 to M23	4	5	-41.1	-40.2	-40.1	-41.7	-29.7	-27	2.7
	HT-20 Beam Forming, M0 to M7	2	8	-41.1	-40.2			-29.6	-27	2.6
	HT-20 Beam Forming, M8 to M15	2	5	-38.5	-39.9			-31.1	-27	4.1
	HT-20 Beam Forming, M0 to M7	3	10	-43.7	-42.2	-42.9		-28.3	-27	1.3
	HT-20 Beam Forming, M8 to M15	3	7	-41.1	-40.2	-40.1		-28.9	-27	1.9
	HT-20 Beam Forming, M16 to M23	3	5	-38.5	-39.9	-42.1		-30.2	-27	3.2
	HT-20 Beam Forming, M0 to M7	4	11	-44.6	-44.7	-43.7	-46.1	-27.7	-27	0.7
	HT-20 Beam Forming, M8 to M15	4	8	-43.7	-42.2	-42.9	-43.9	-29.1	-27	2.1
	HT-20 Beam Forming, M16 to M23	4	6	-41.1	-40.2	-40.1	-41.7	-28.5	-27	1.5
	HT-20 STBC, M0 to M7	2	5	-38.5	-39.9			-31.1	-27	4.1
	HT-20 STBC, M0 to M7	3	5	-38.5	-39.9	-42.1		-30.2	-27	3.2
HT-20 STBC, M0 to M7	4	5	-41.1	-40.2	-40.1	-41.7	-29.7	-27	2.7	



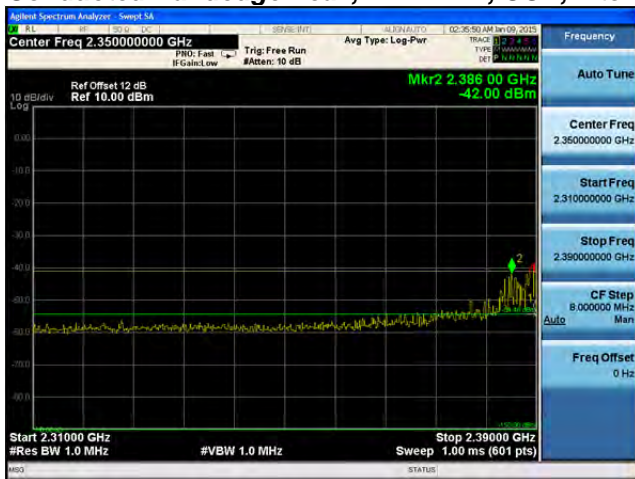
### Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps



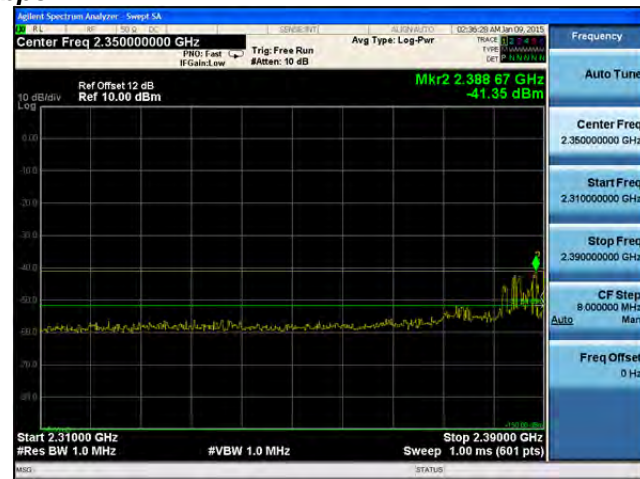
Antenna A



**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



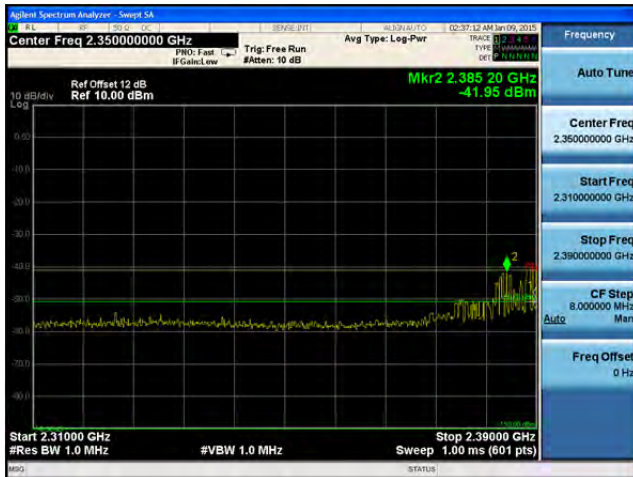
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**





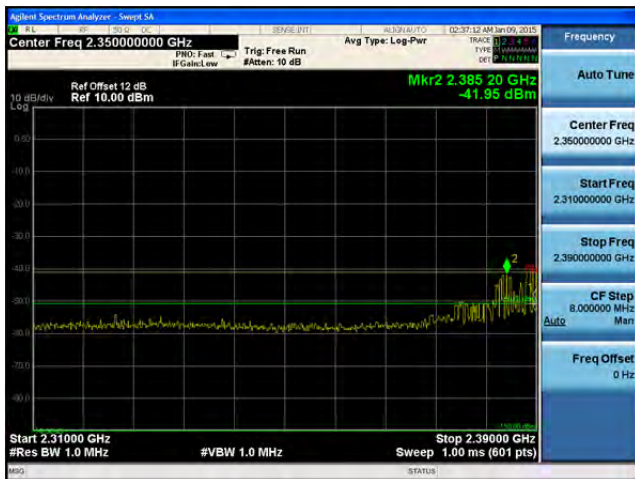
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



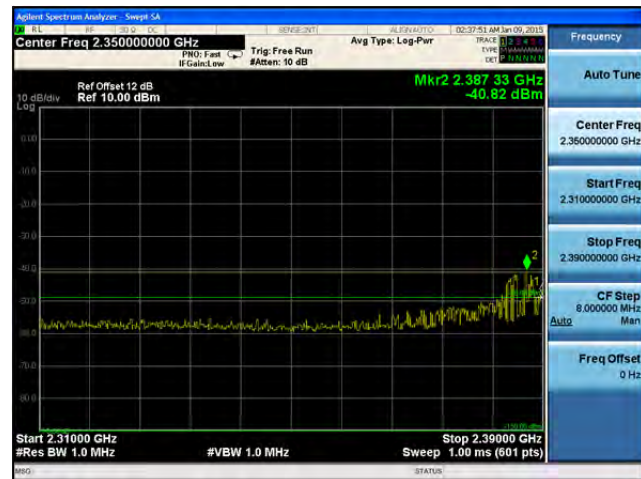
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



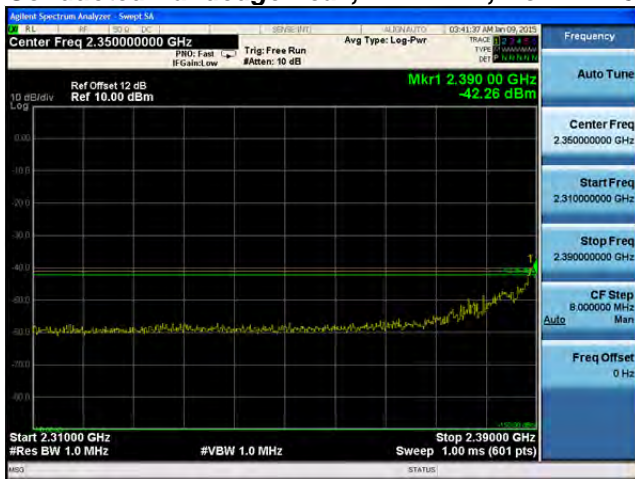
**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



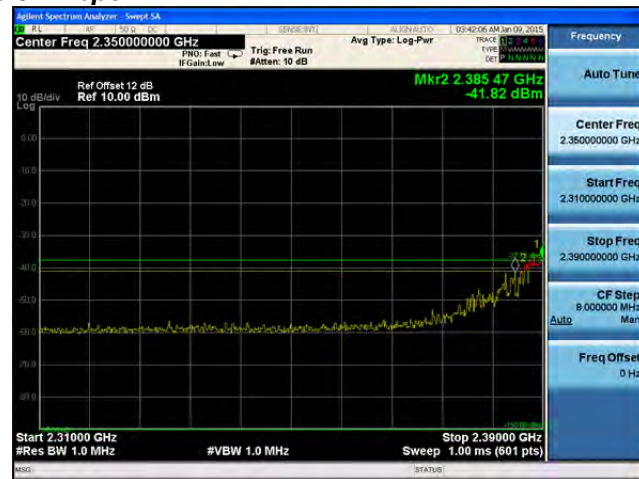
**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



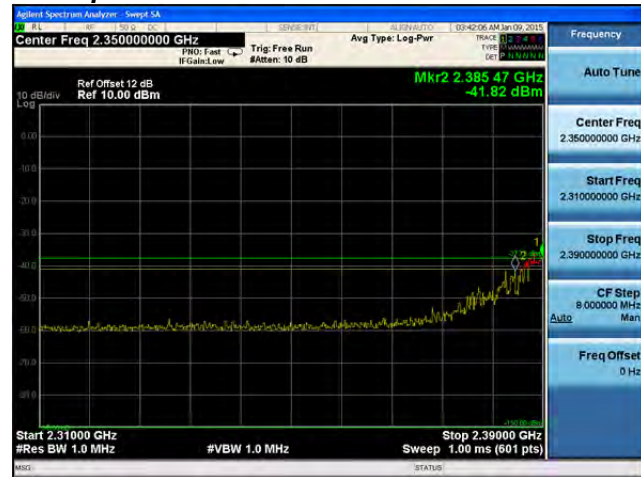
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**





**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



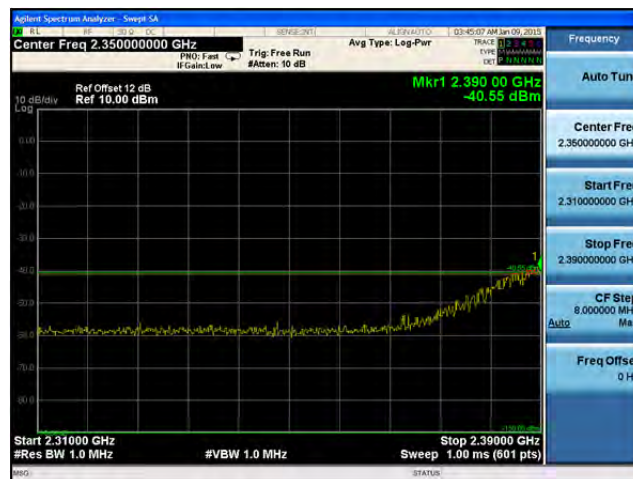
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



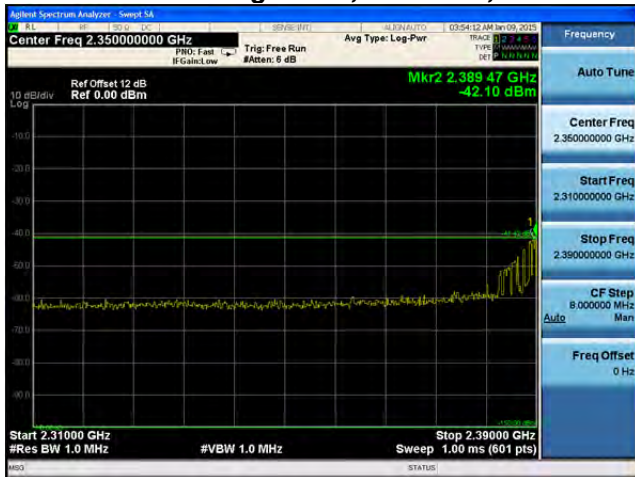
**Antenna A**



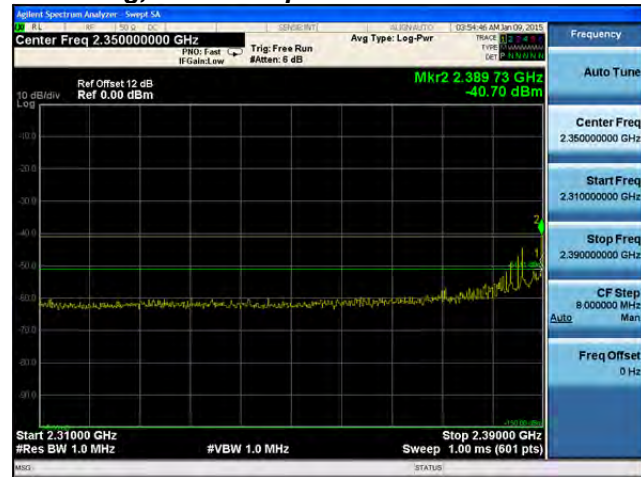
**Antenna B**



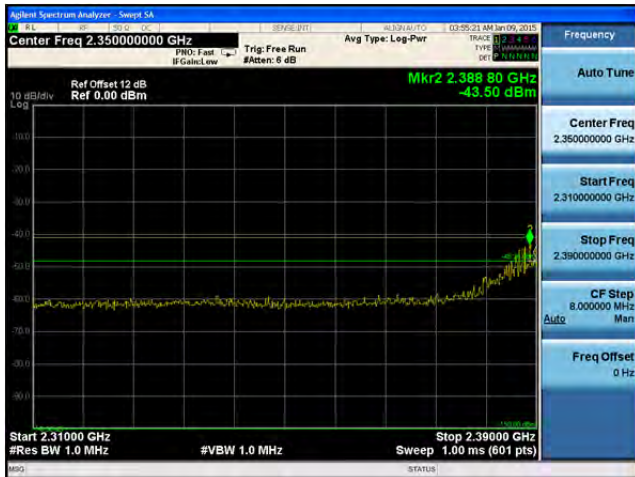
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



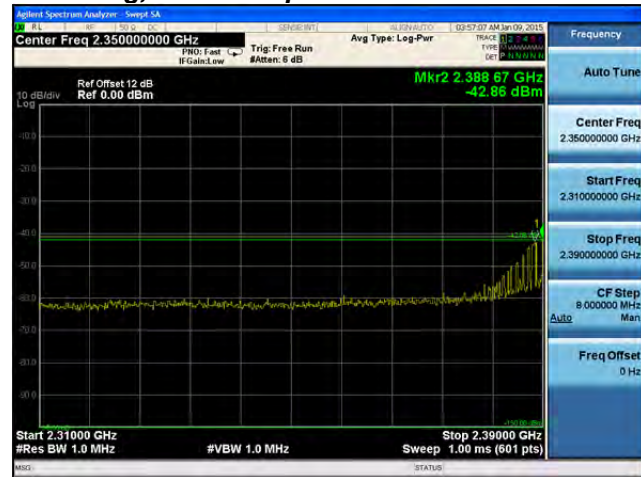
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



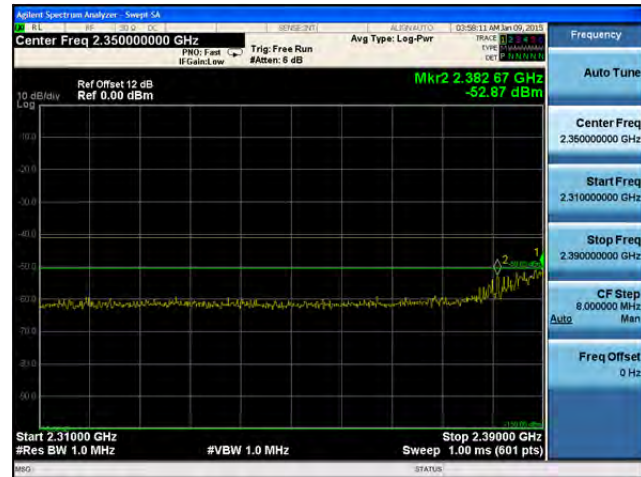
**Antenna A**



**Antenna B**



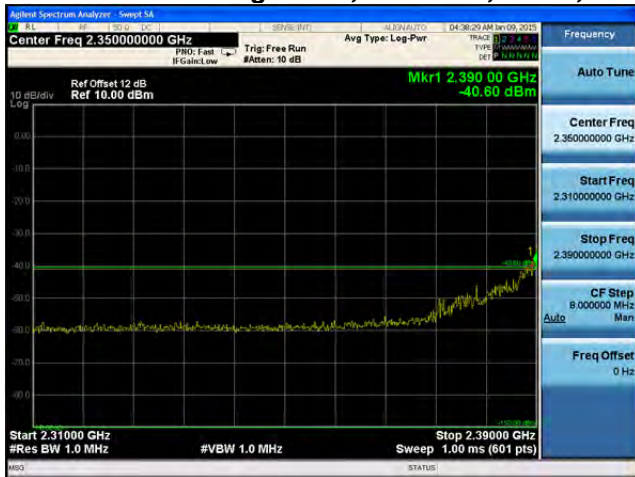
**Antenna C**



**Antenna D**



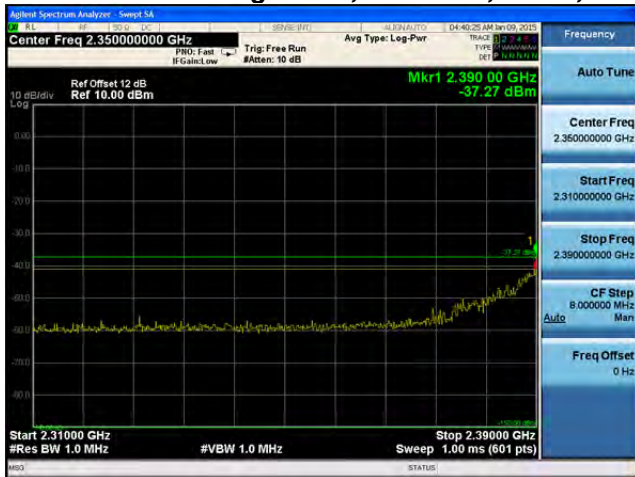
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



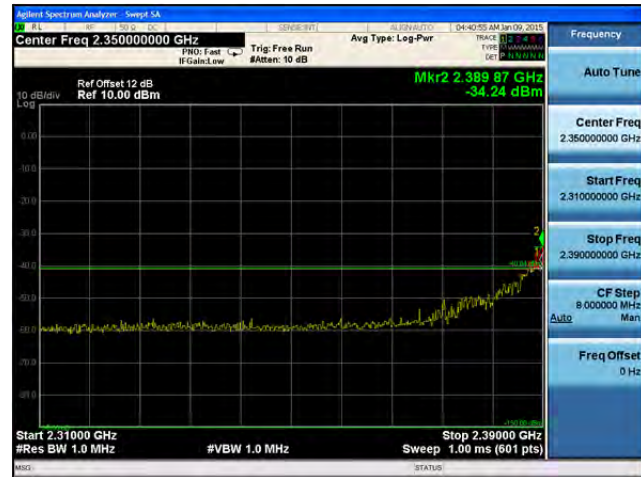
**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**

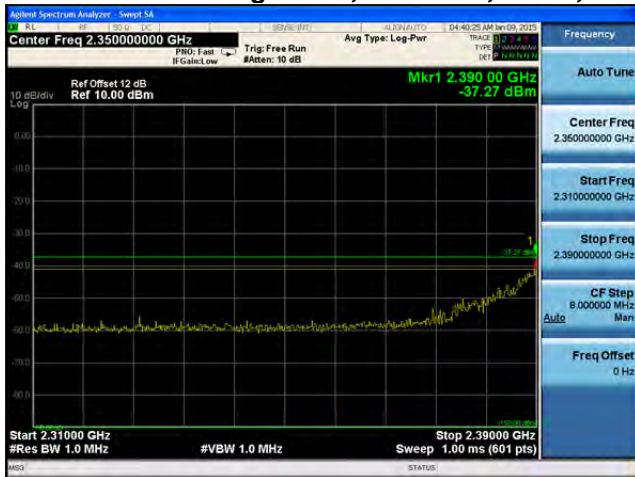


**Antenna B**

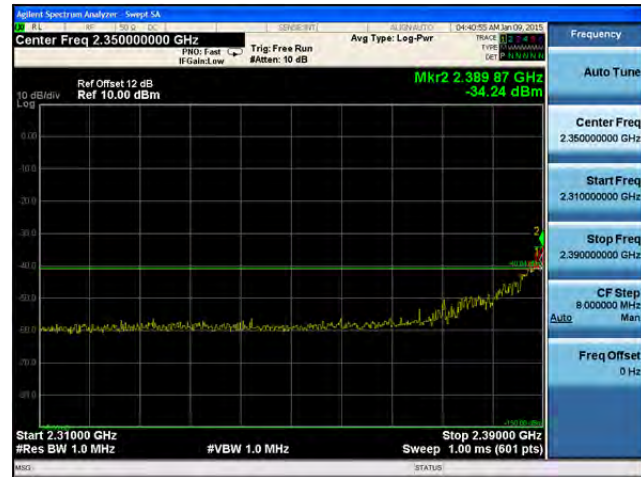




**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



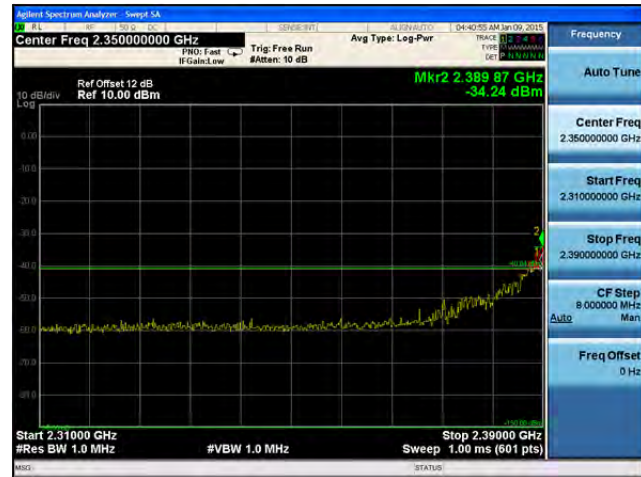
**Antenna B**



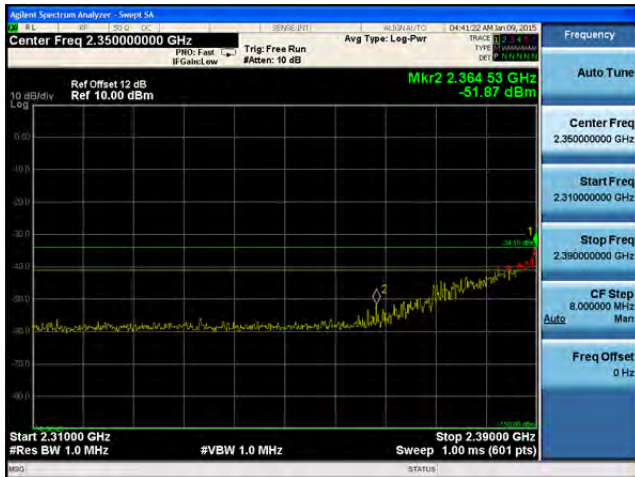
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



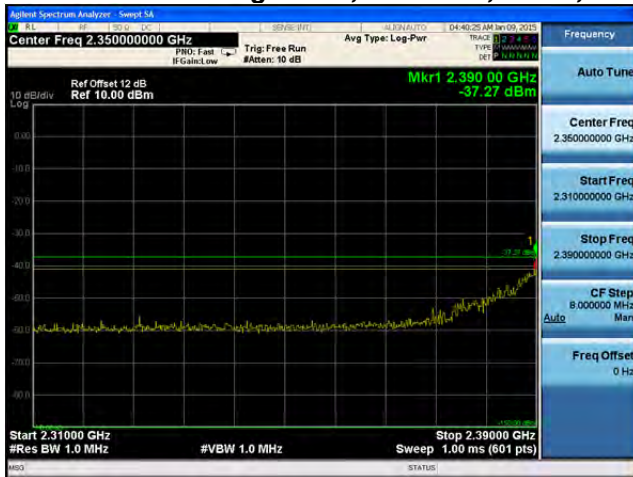
**Antenna B**



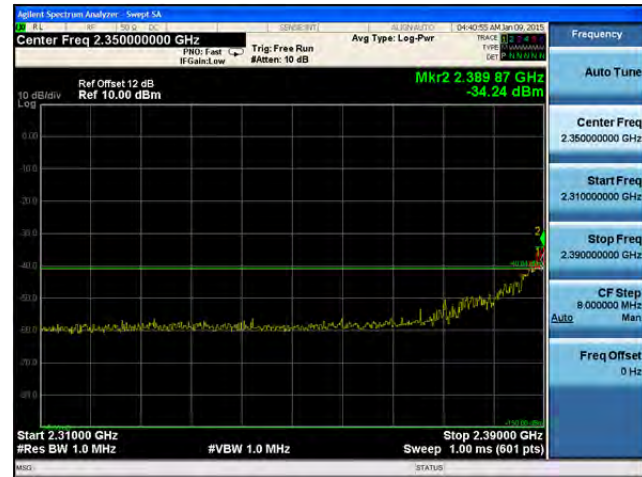
**Antenna C**



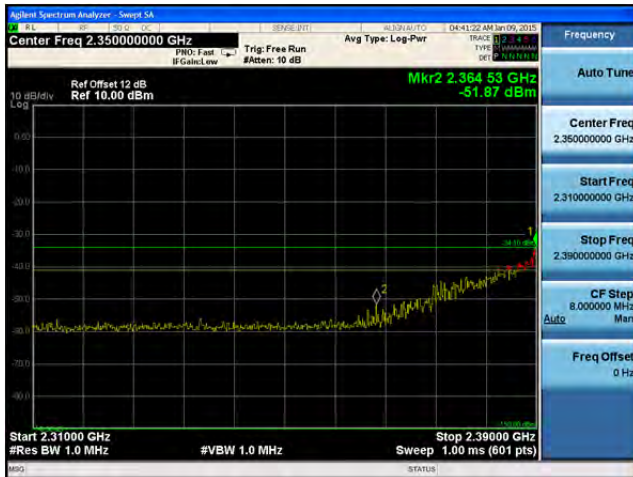
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



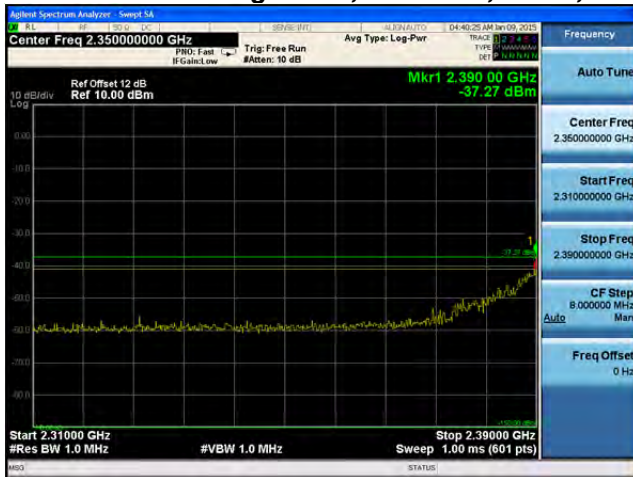
**Antenna B**



**Antenna C**



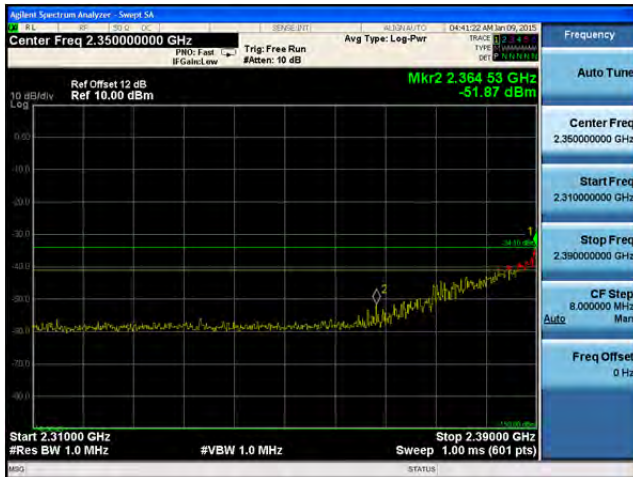
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



**Antenna C**

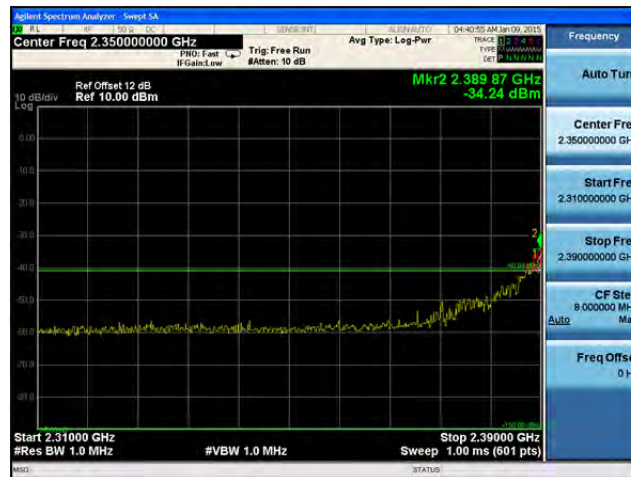




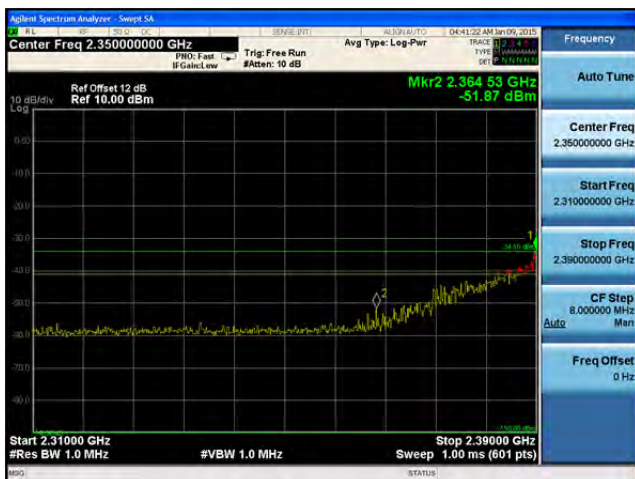
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

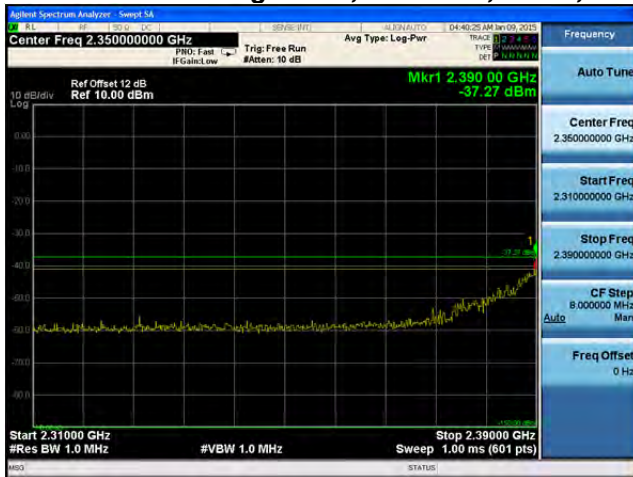


**Antenna D**

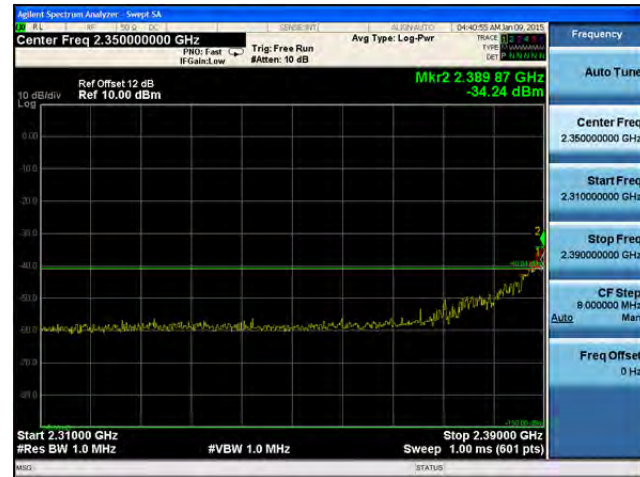




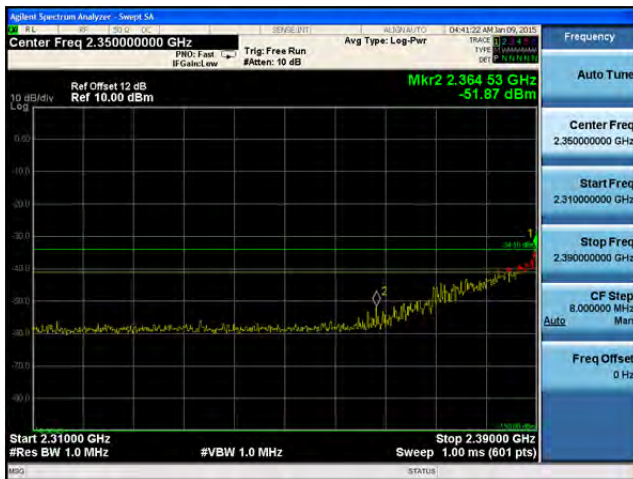
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



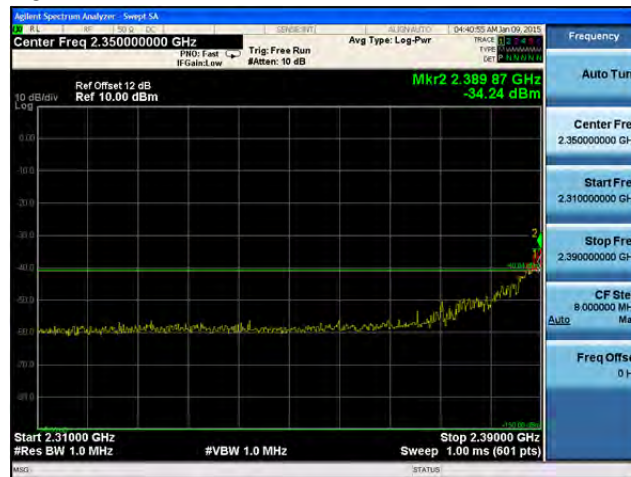
**Antenna D**



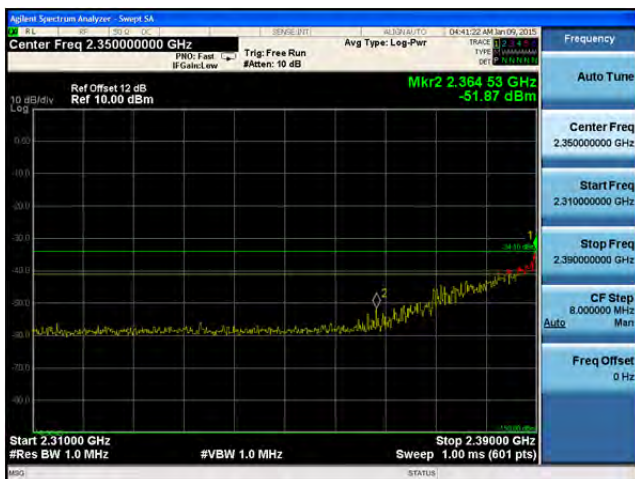
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



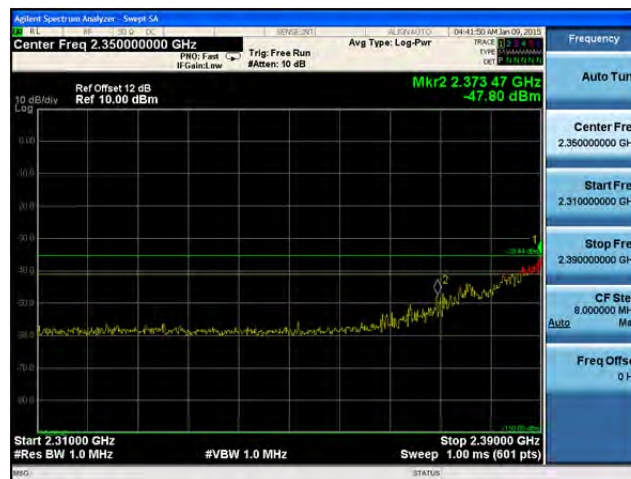
**Antenna A**



**Antenna B**



**Antenna C**



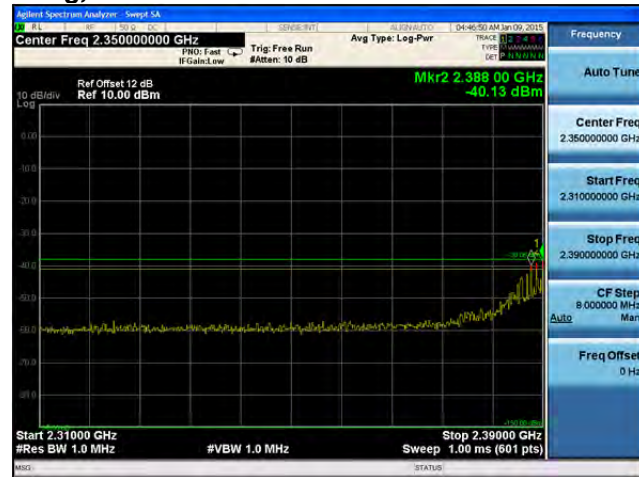
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



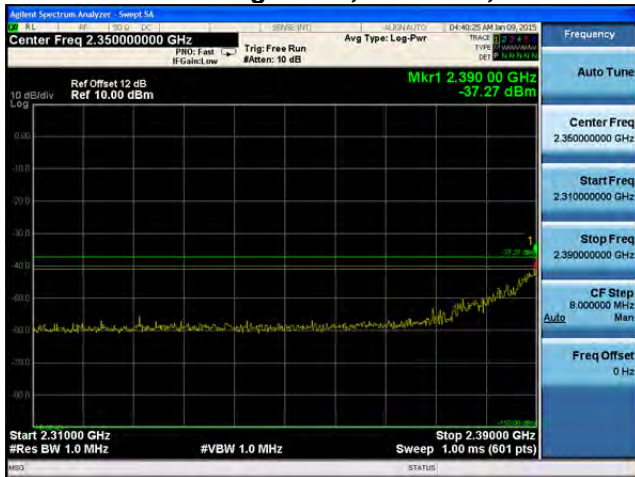
**Antenna A**



**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**

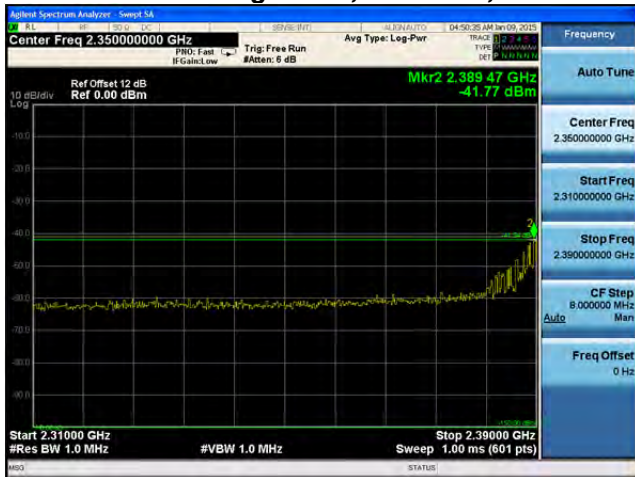


**Antenna B**

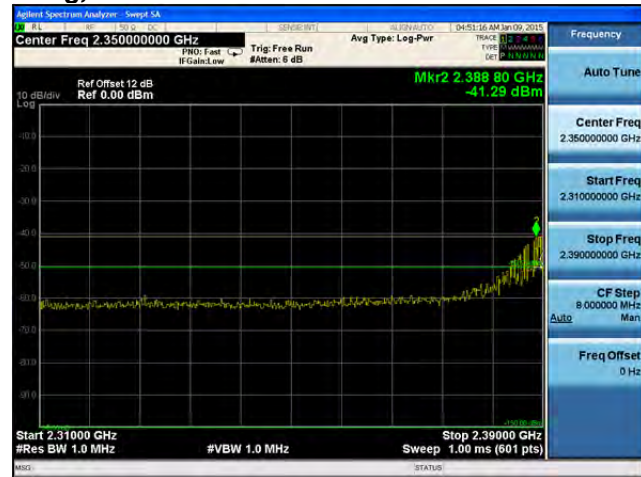




**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



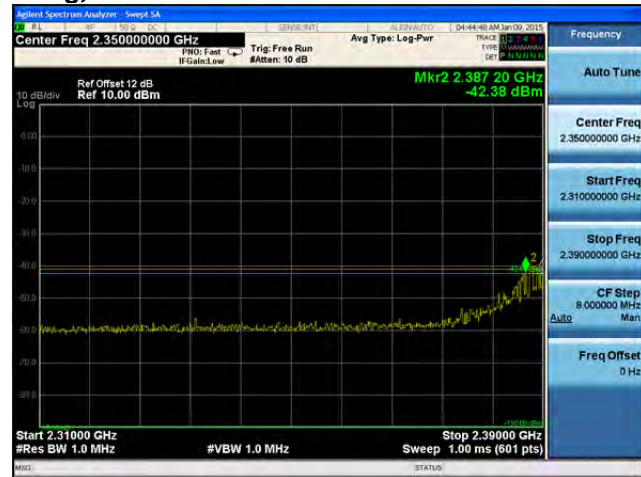
**Antenna C**



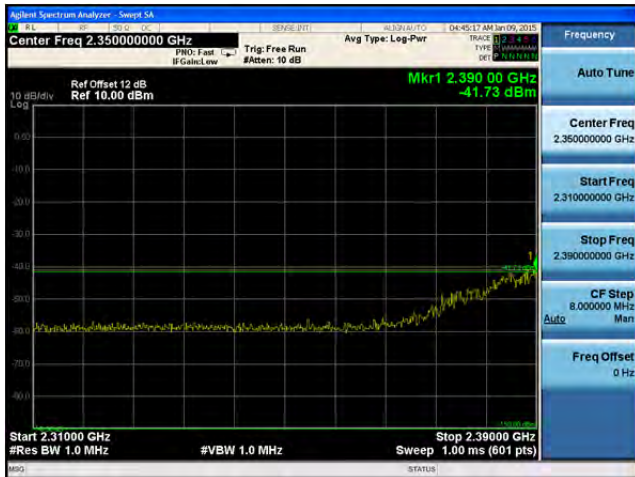
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



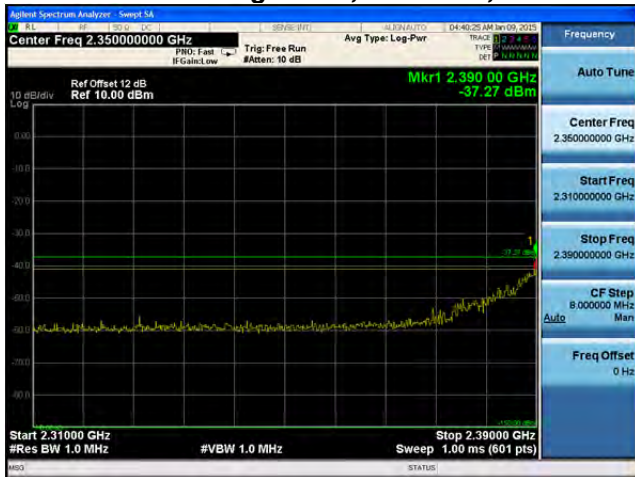
**Antenna B**



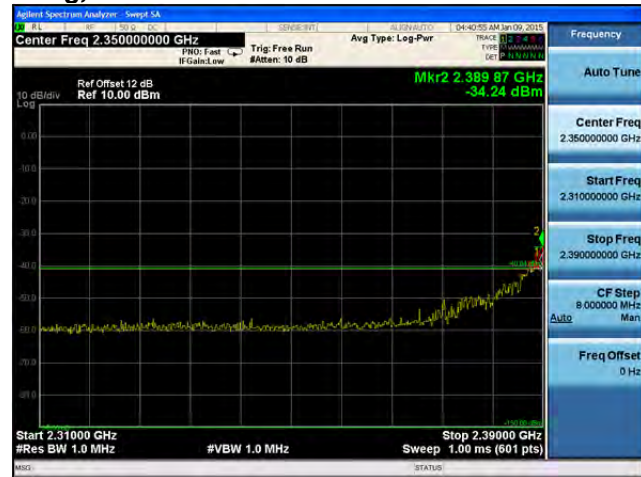
**Antenna C**



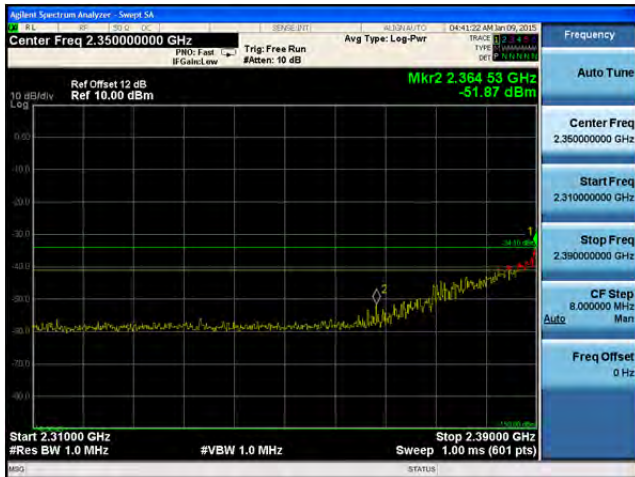
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



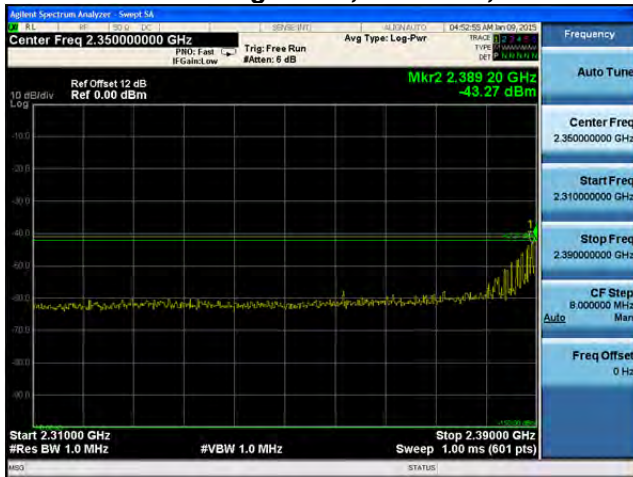
**Antenna B**



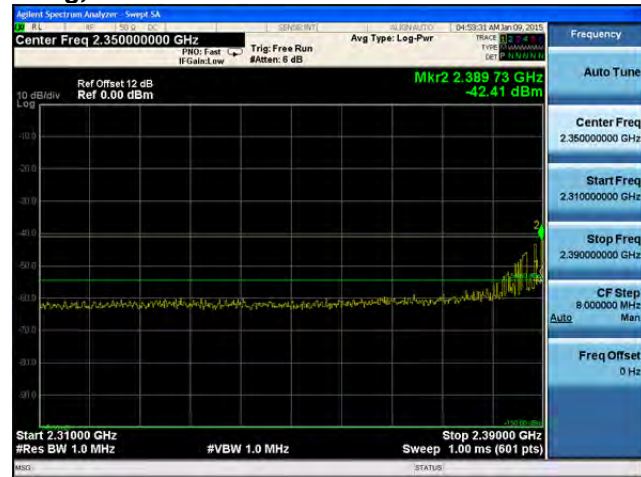
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

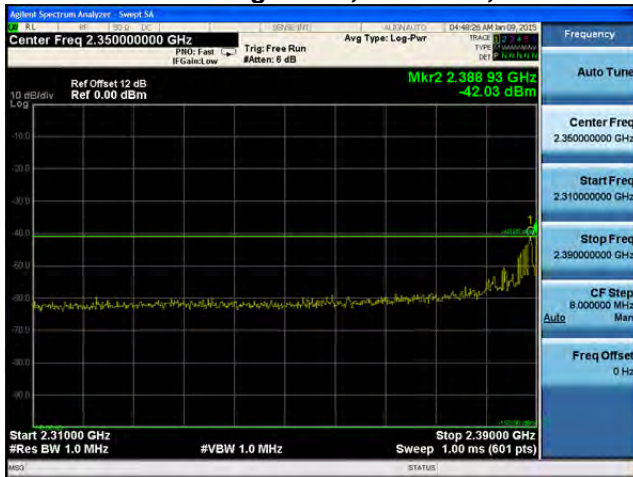


**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



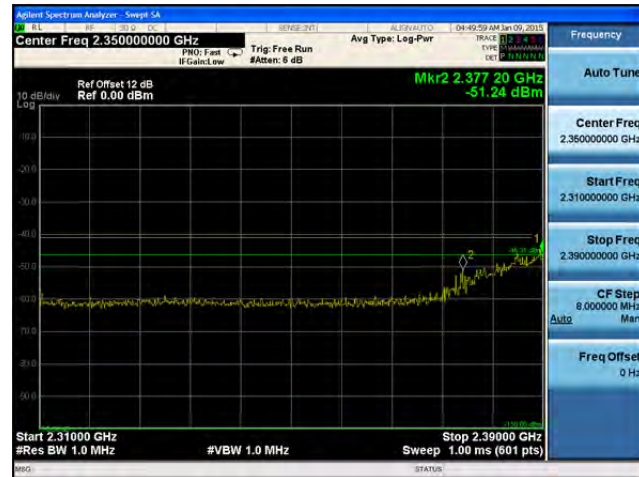
**Antenna A**



**Antenna B**



**Antenna C**



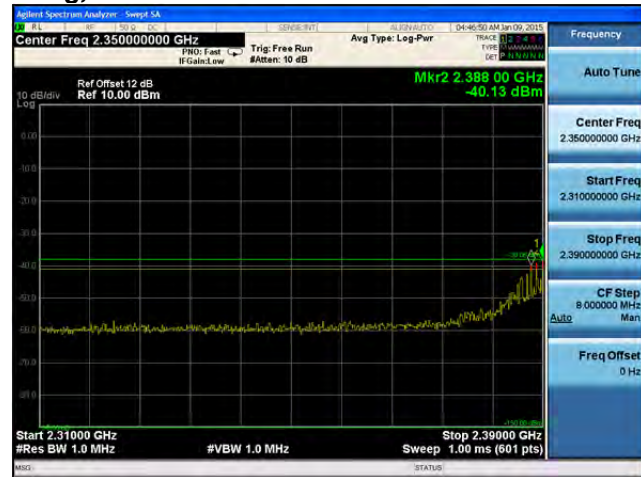
**Antenna D**



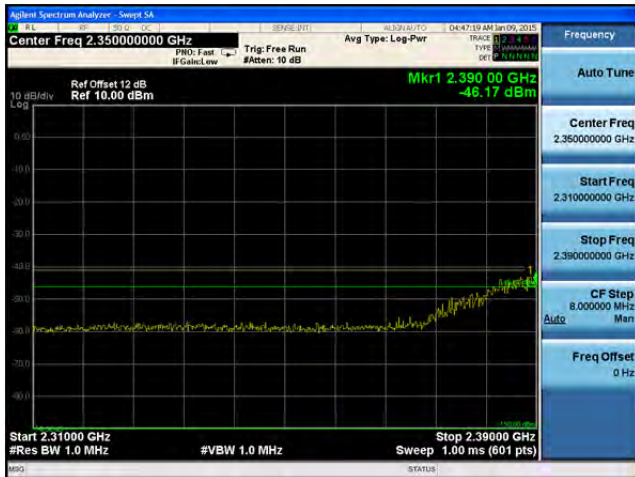
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



**Antenna B**



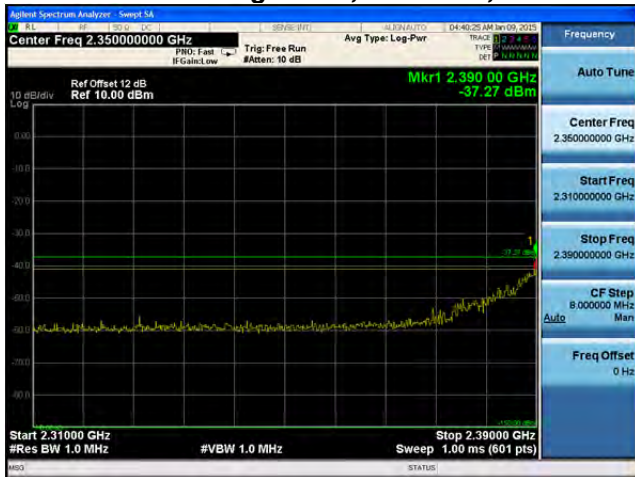
**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



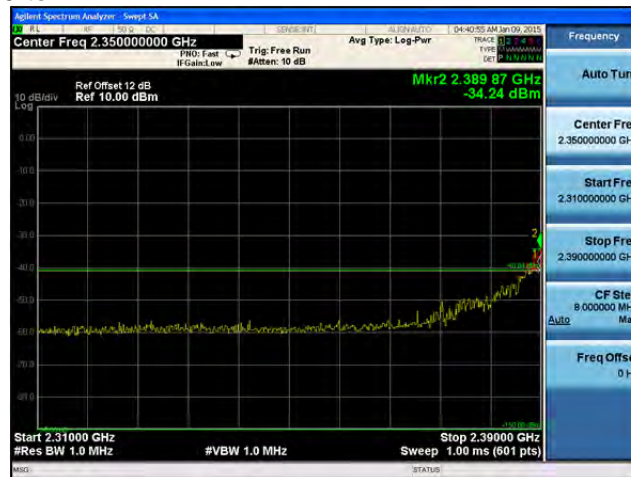
**Antenna B**



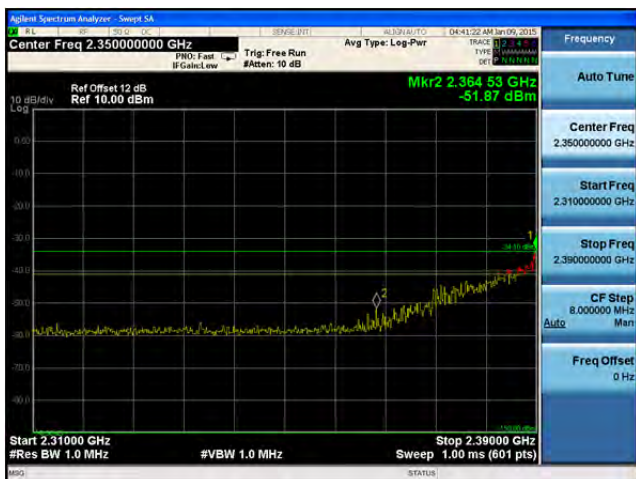
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**

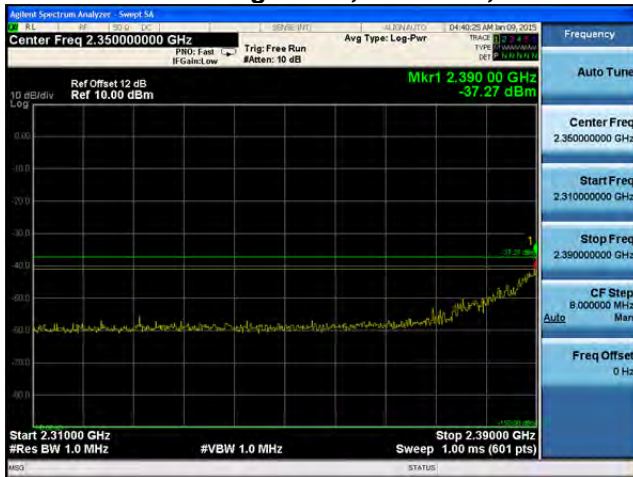


**Antenna C**

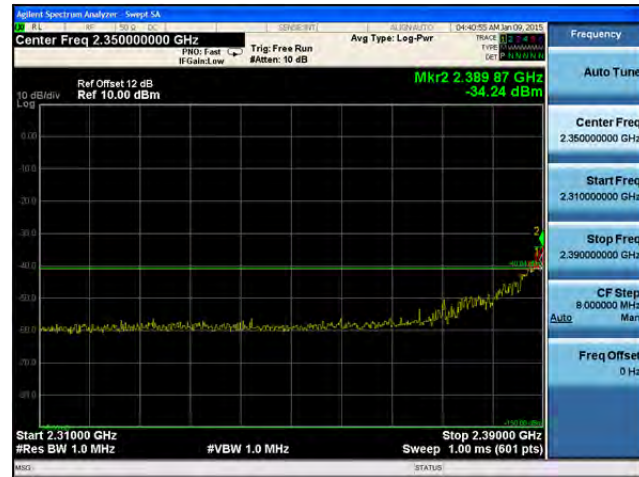




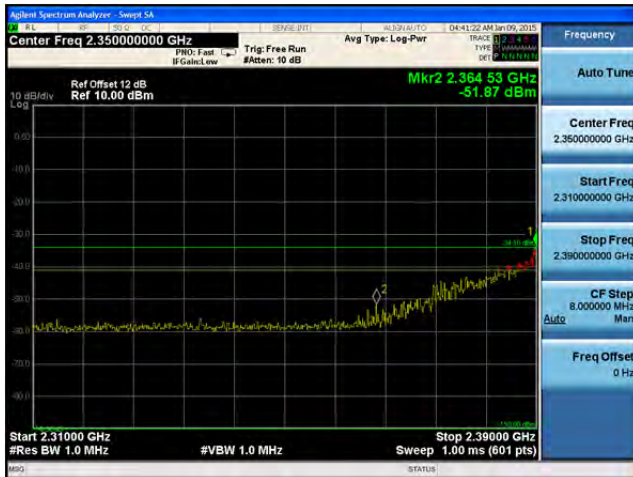
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



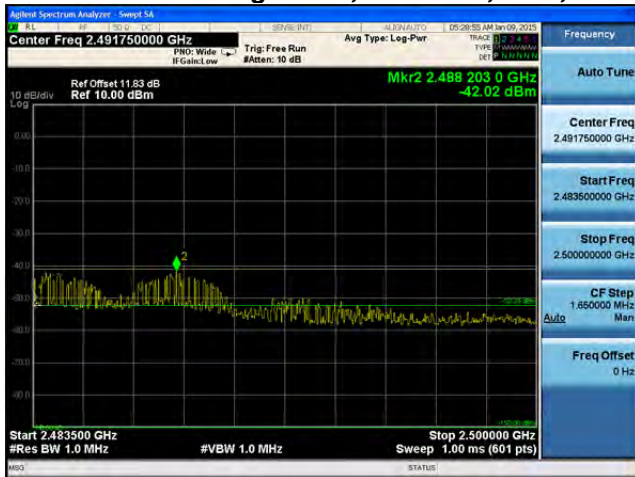
**Antenna C**



**Antenna D**



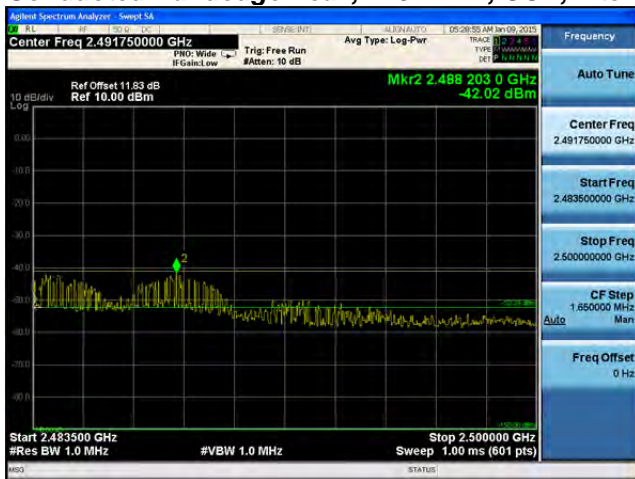
**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



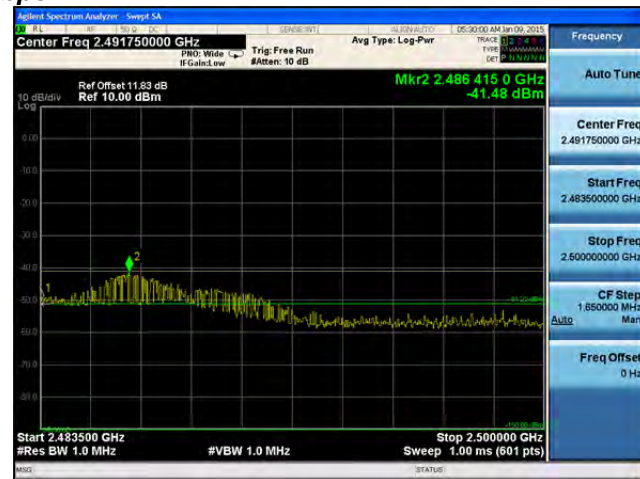
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



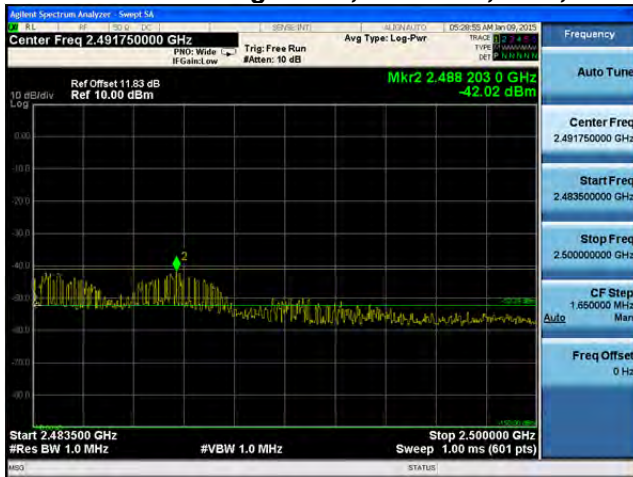
**Antenna A**



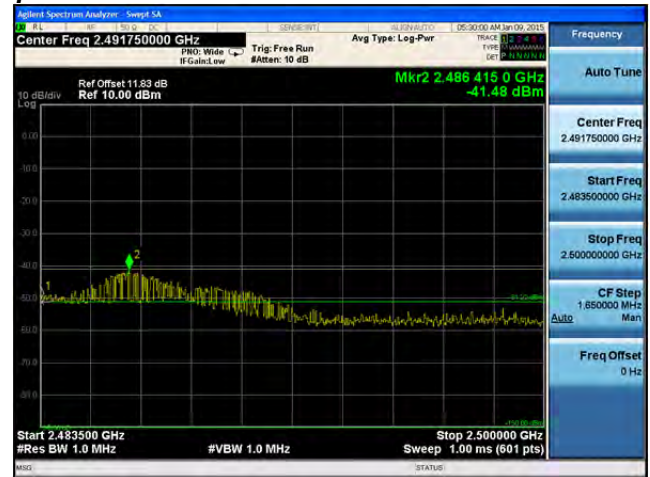
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**

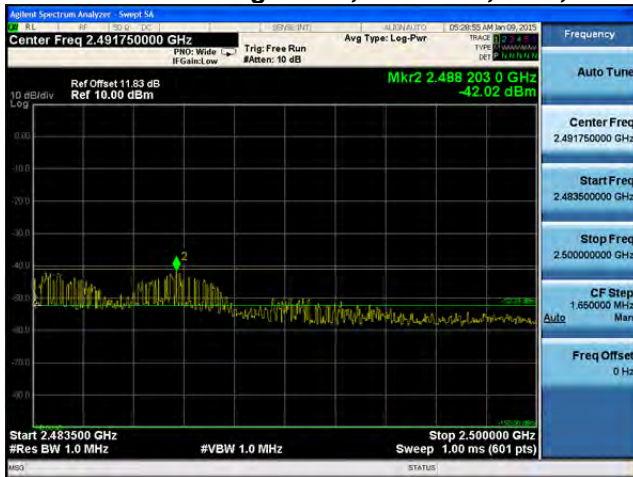


**Antenna C**

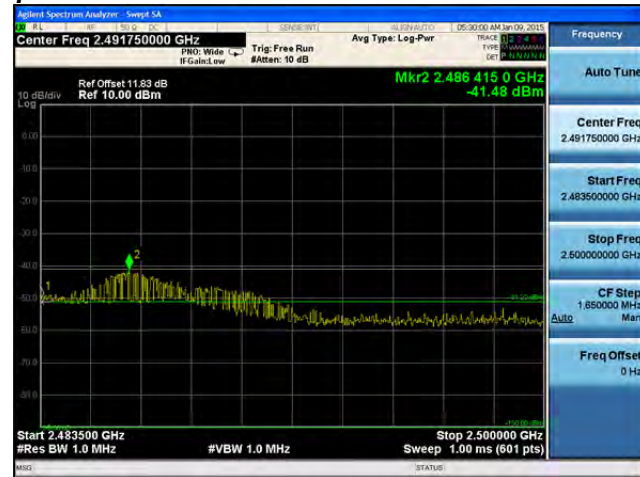




**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



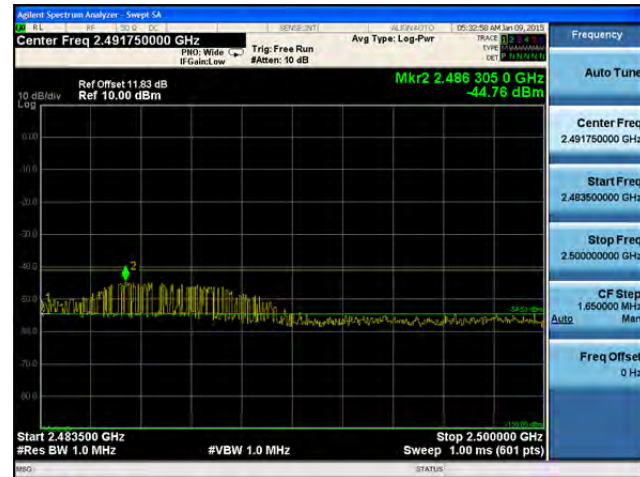
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



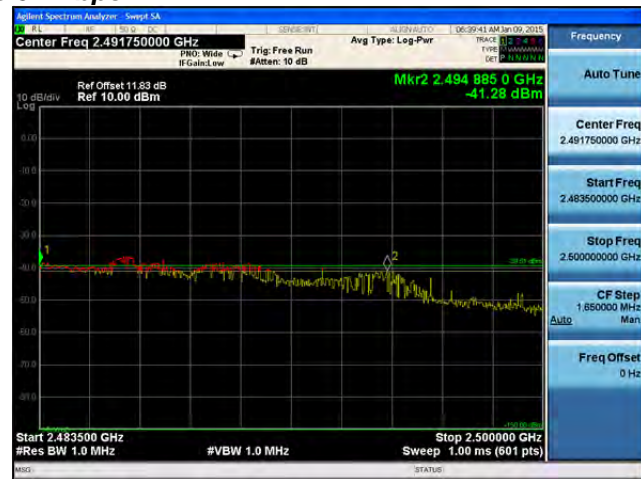
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**

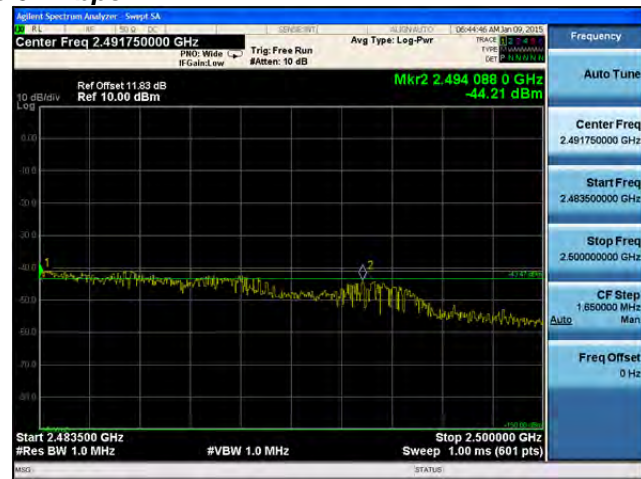




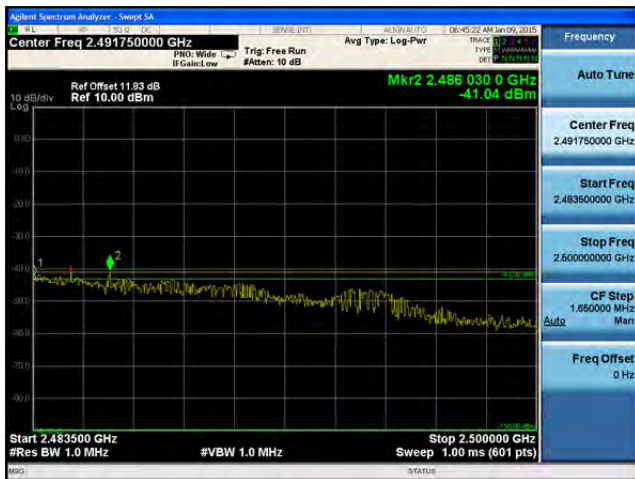
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



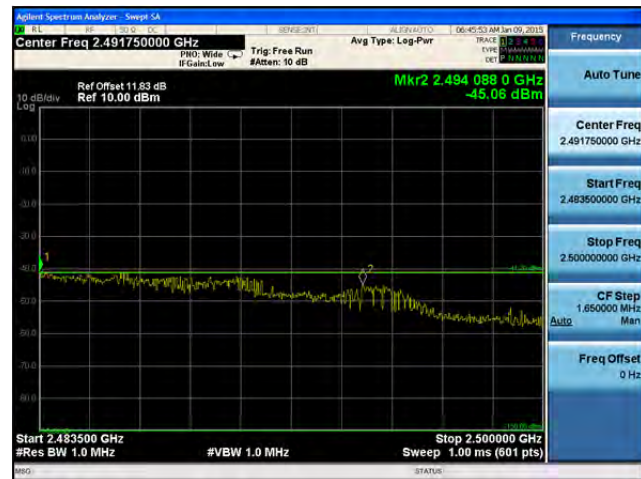
**Antenna A**



**Antenna B**



**Antenna C**



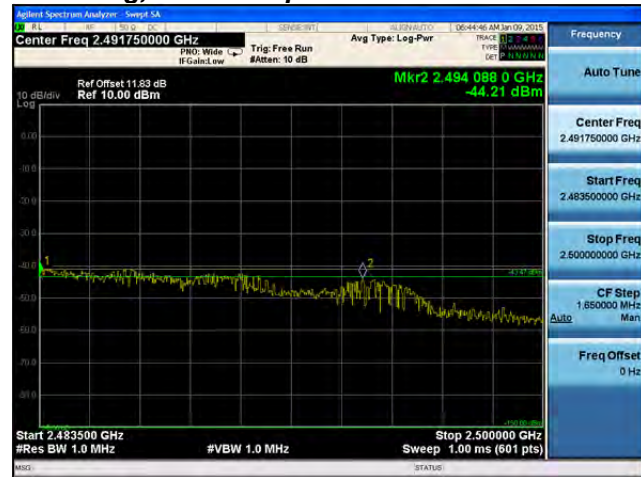
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



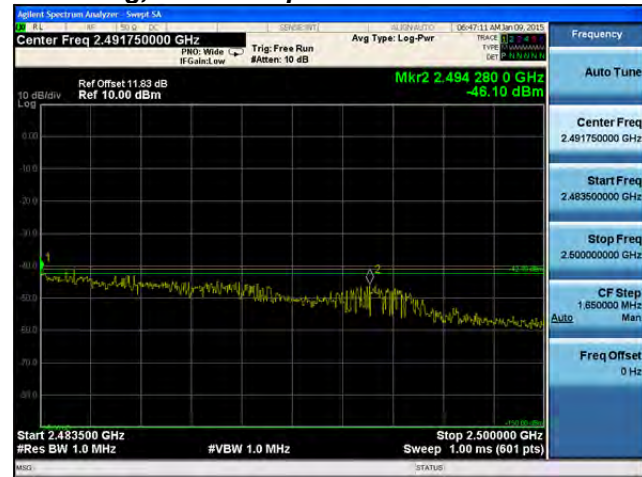
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



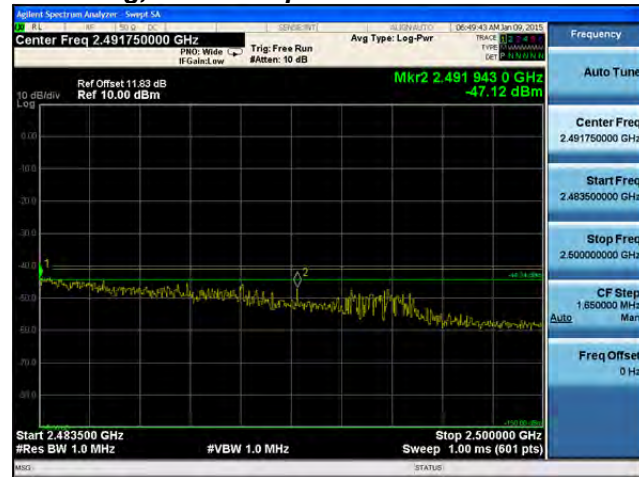
**Antenna C**



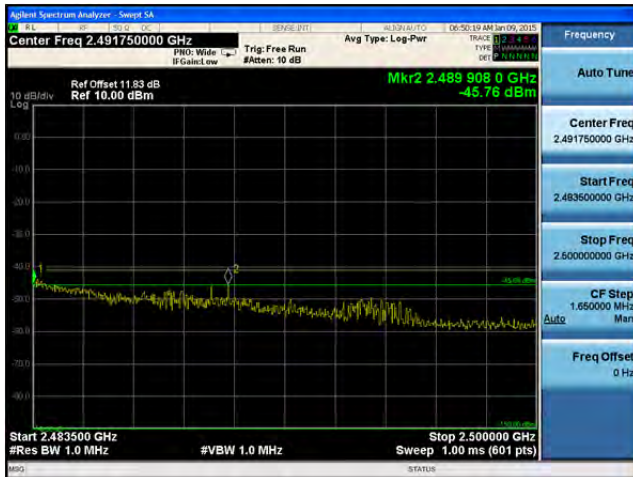
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





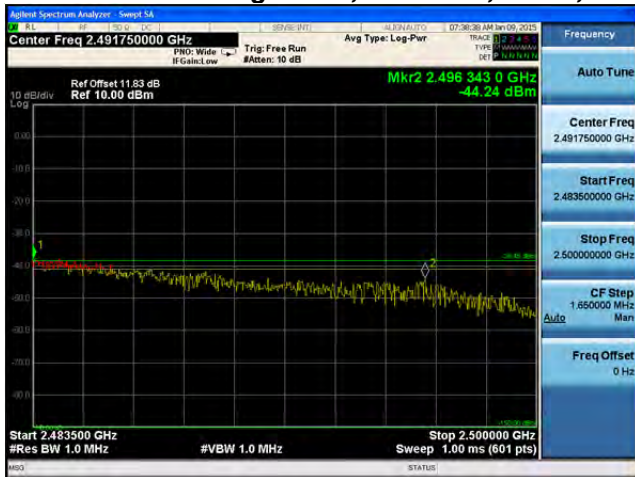
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



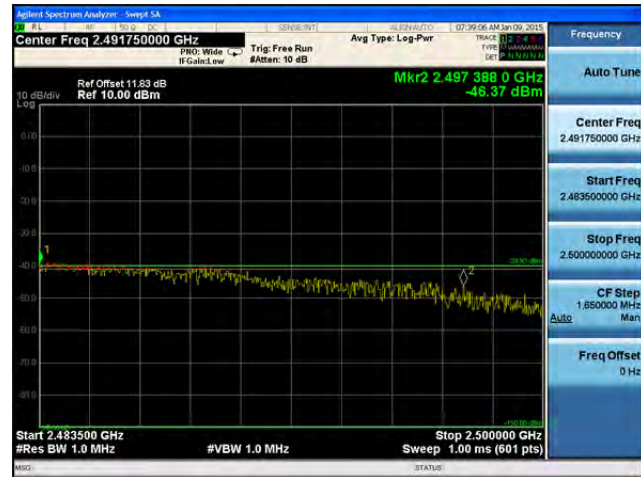
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



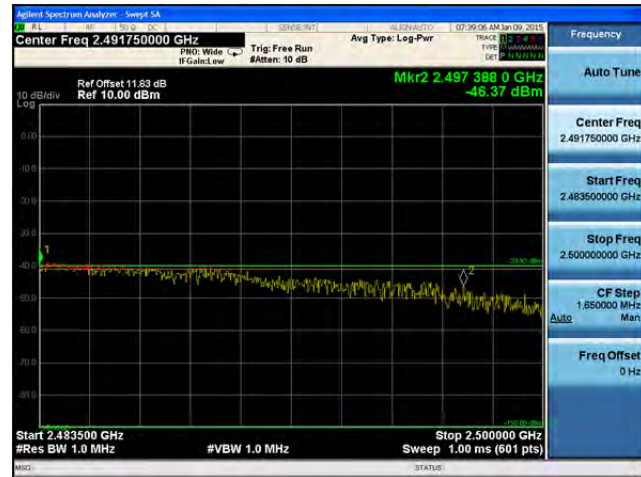
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



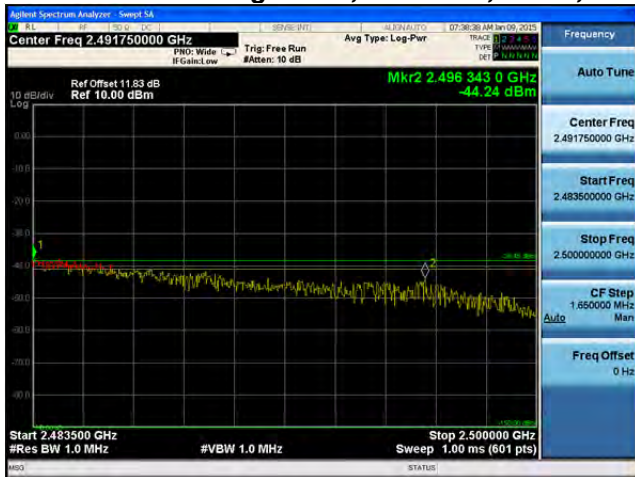
**Antenna A**



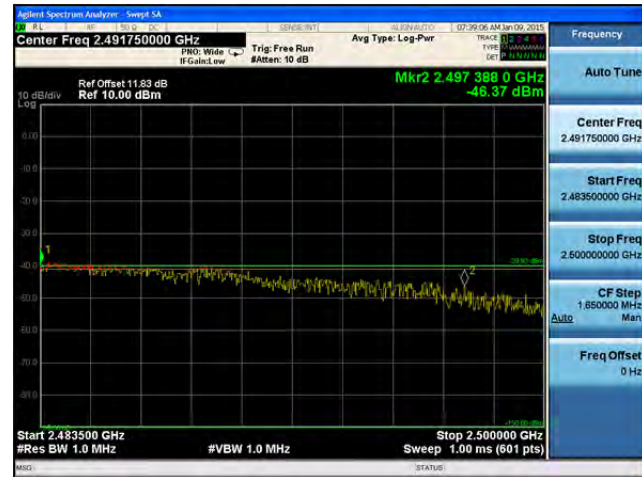
**Antenna B**



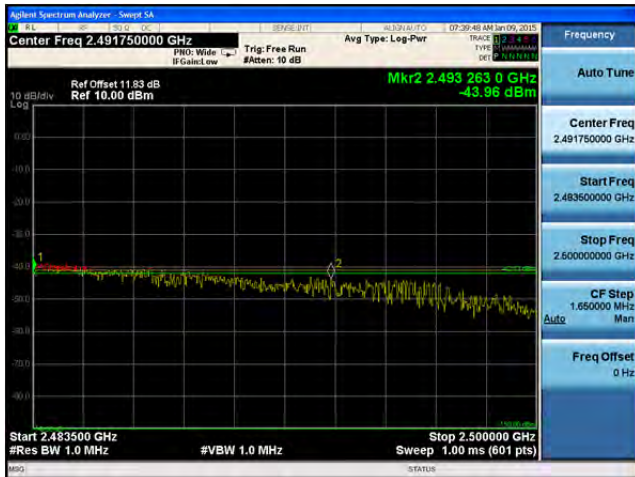
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**

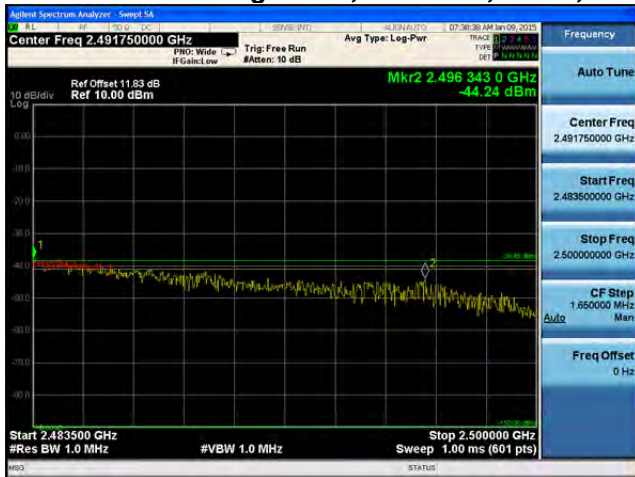


**Antenna C**

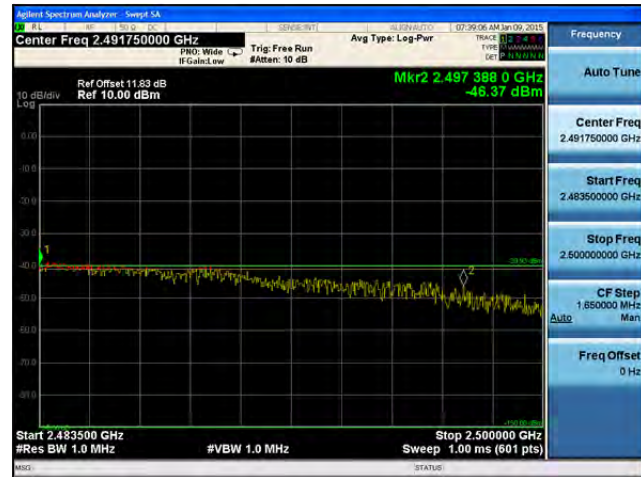




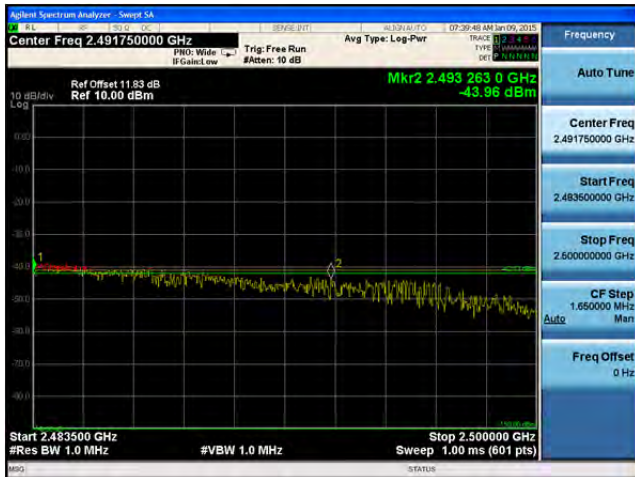
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



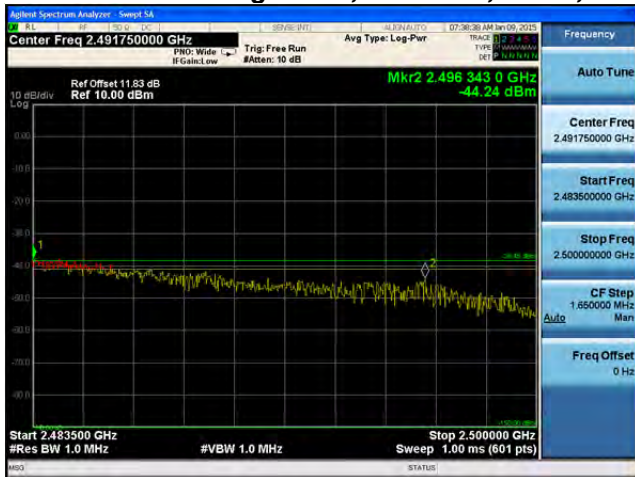
**Antenna B**



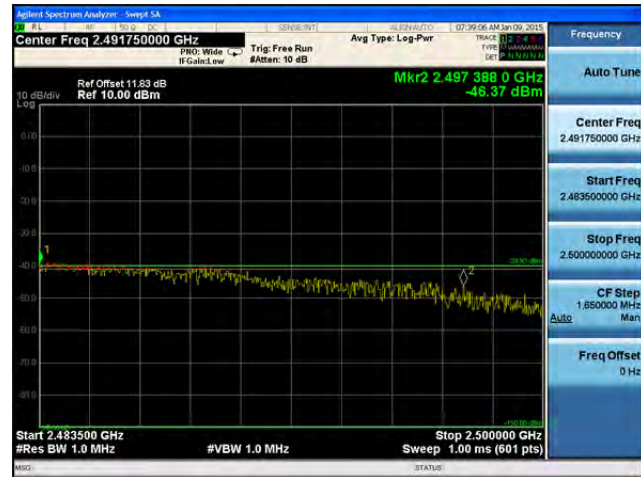
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



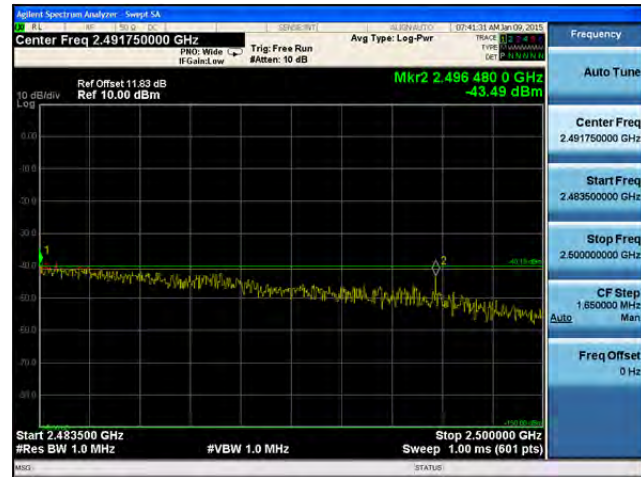
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



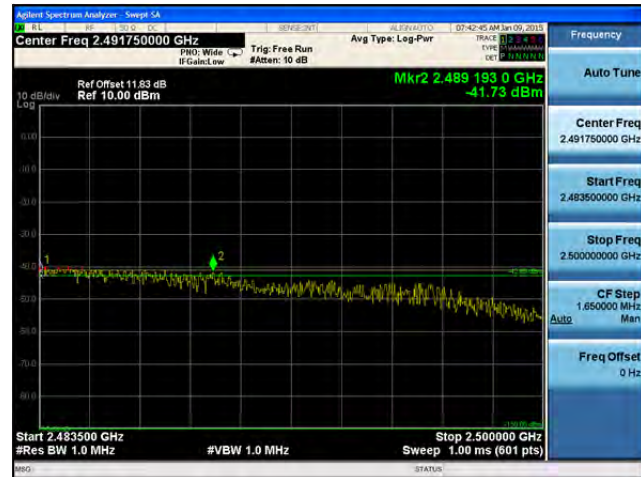
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

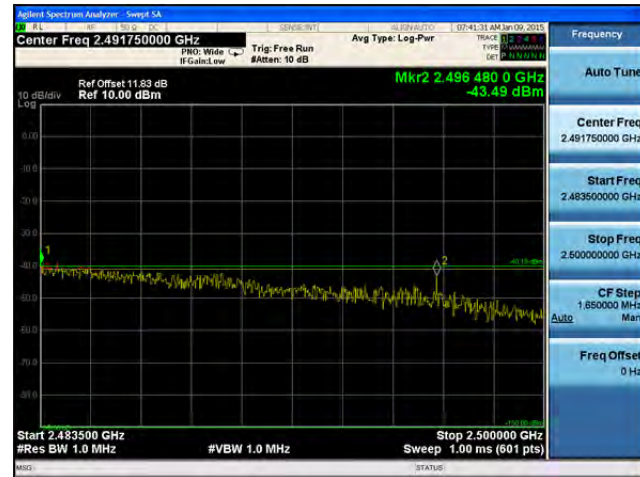




**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



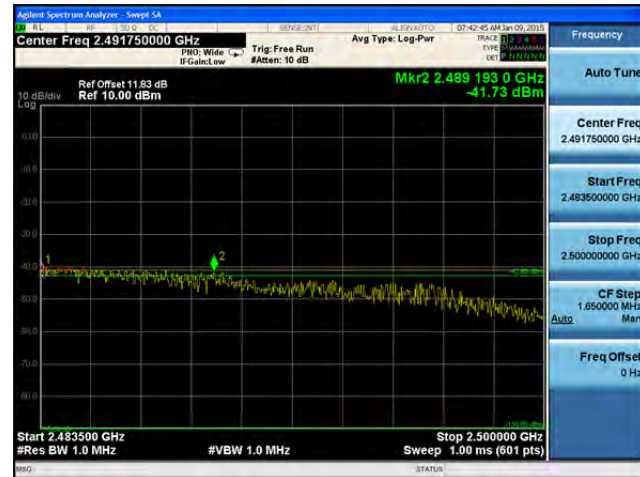
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

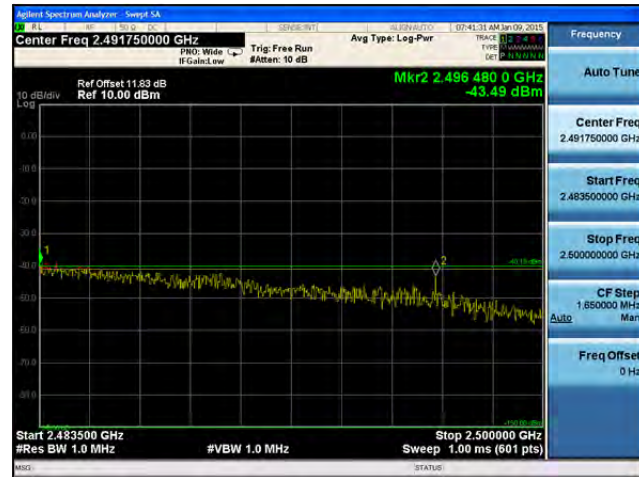




**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



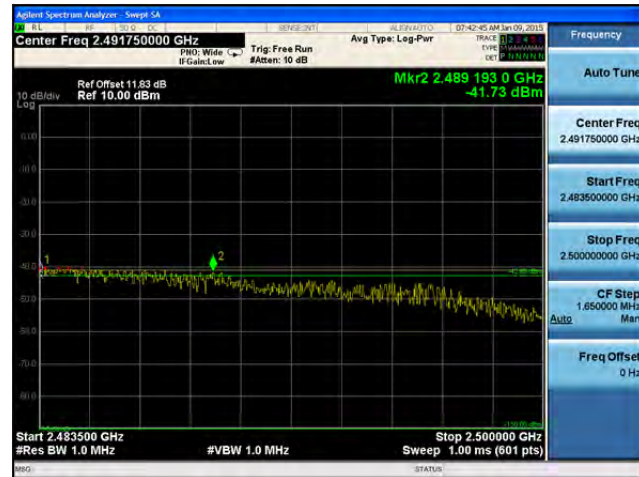
**Antenna A**



**Antenna B**



**Antenna C**



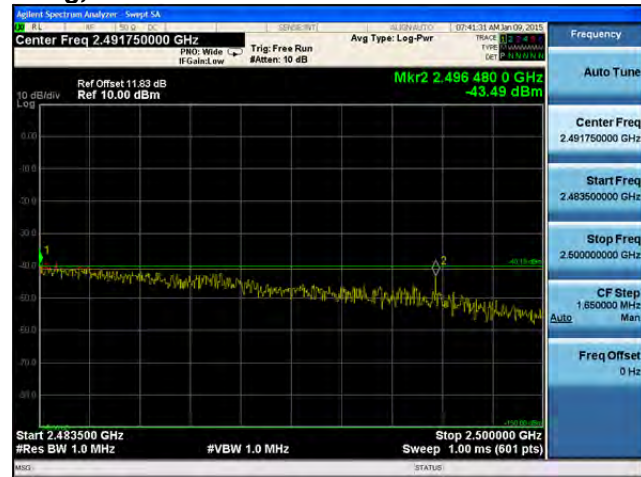
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



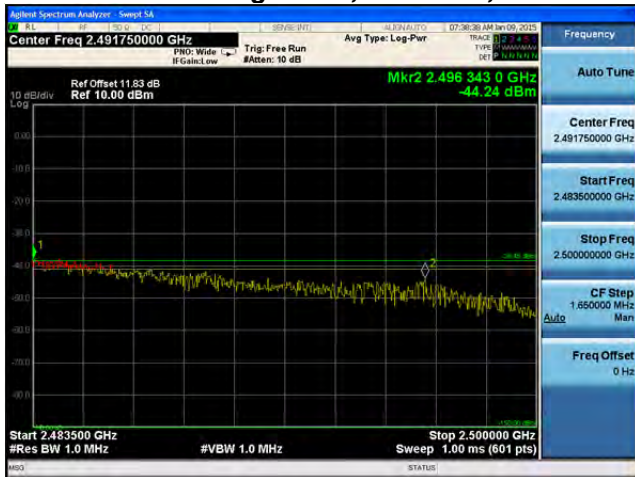
**Antenna A**



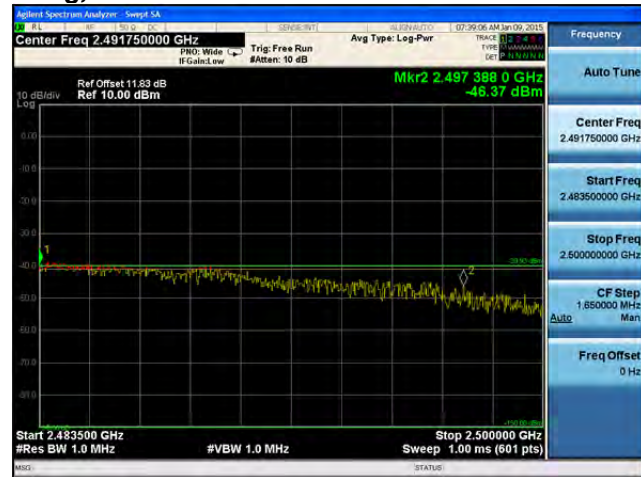
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



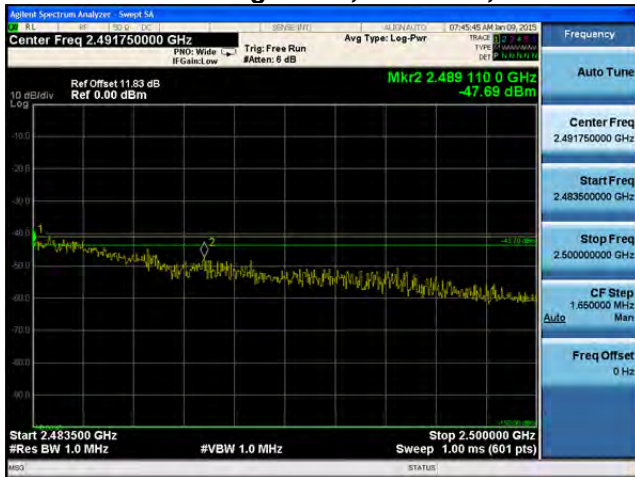
**Antenna A**



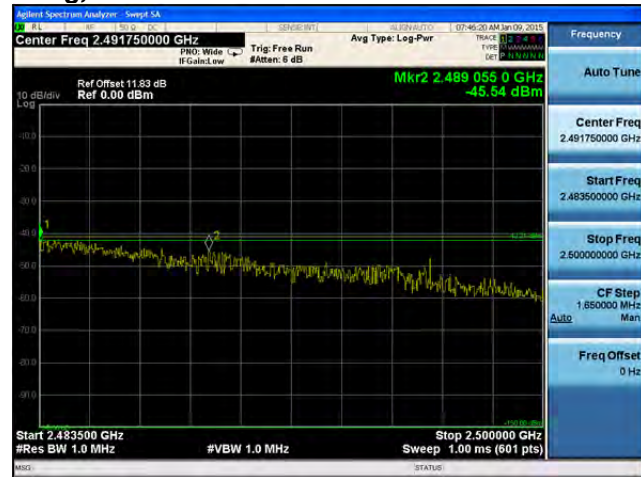
**Antenna B**



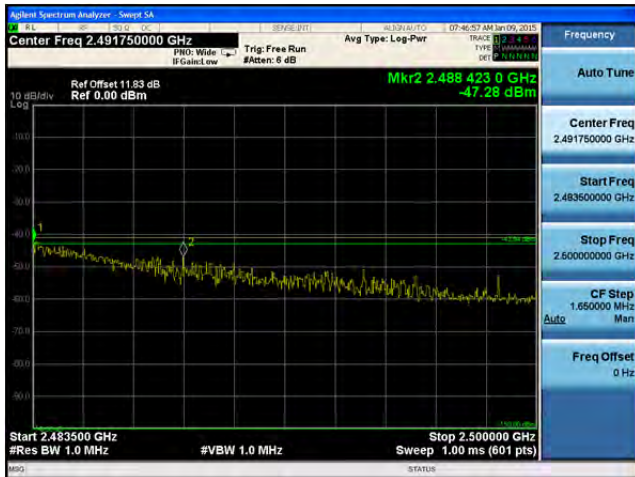
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

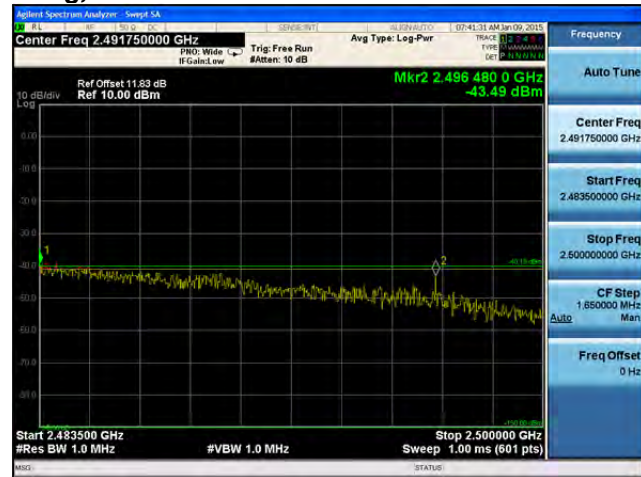




**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



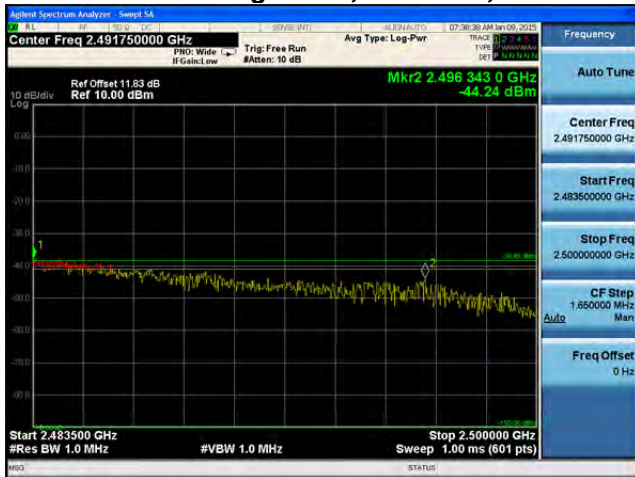
**Antenna B**



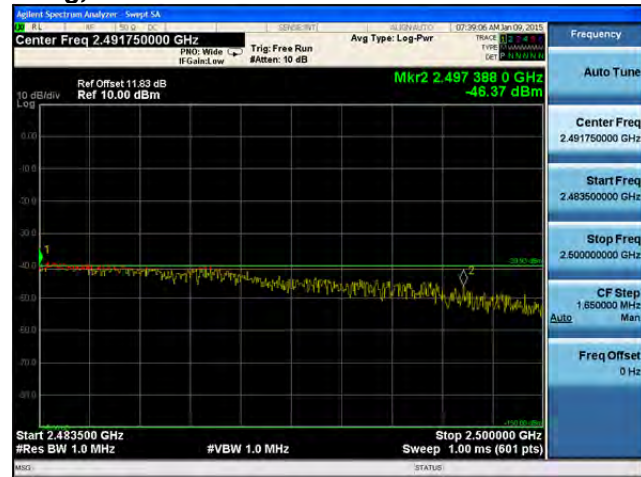
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



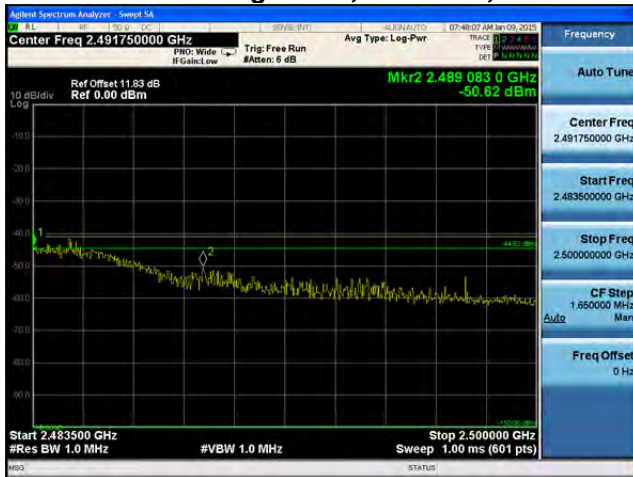
**Antenna B**



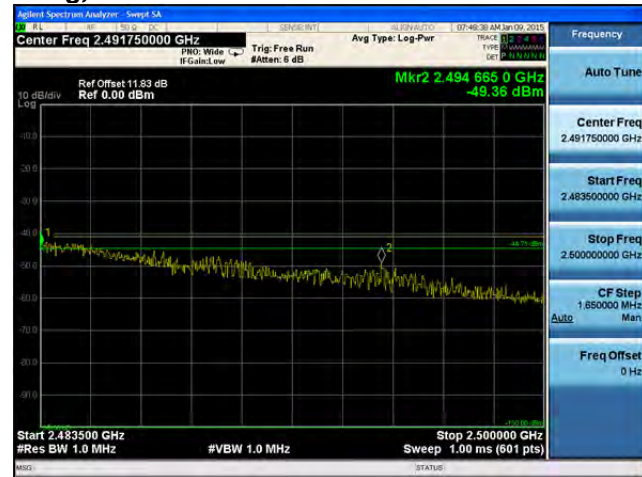
**Antenna C**



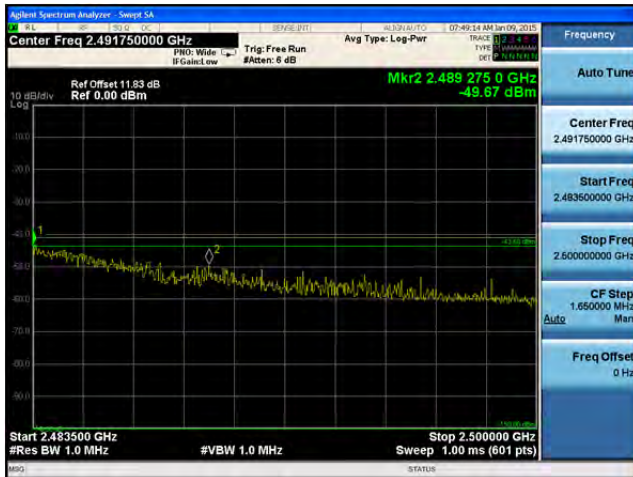
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



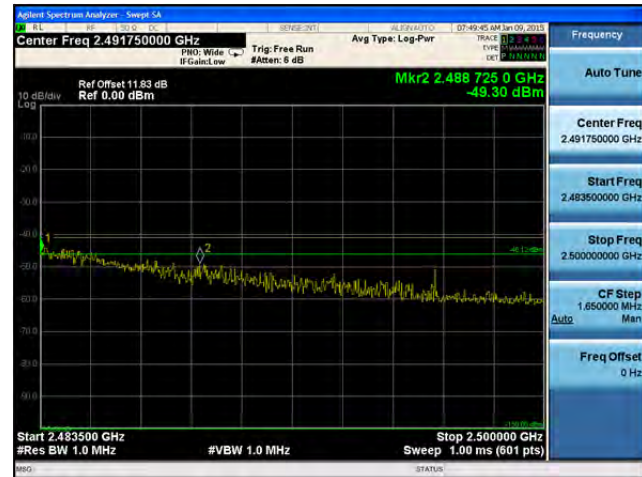
**Antenna A**



**Antenna B**



**Antenna C**

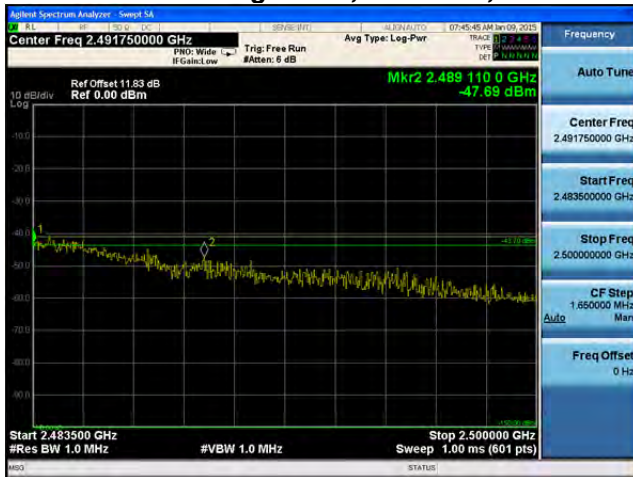


**Antenna D**

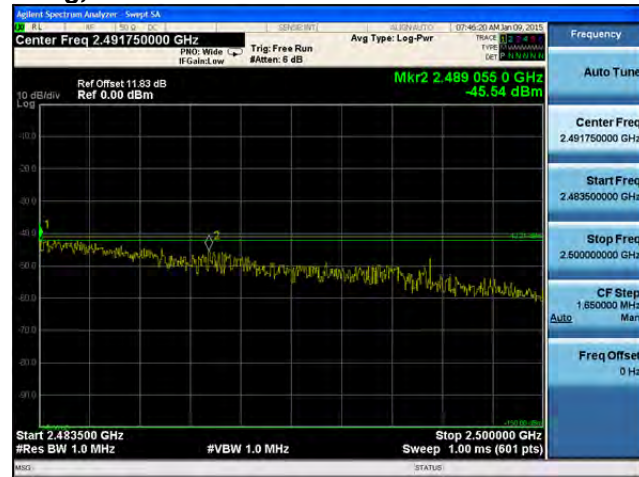




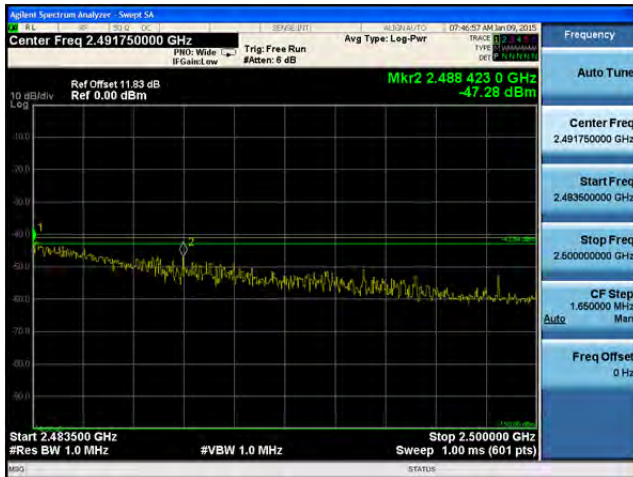
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



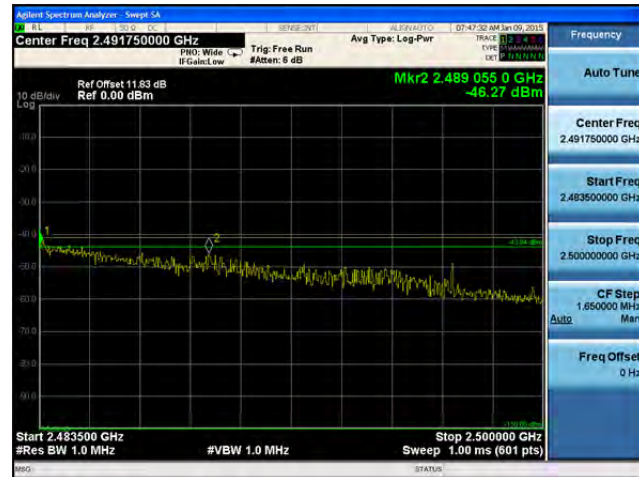
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

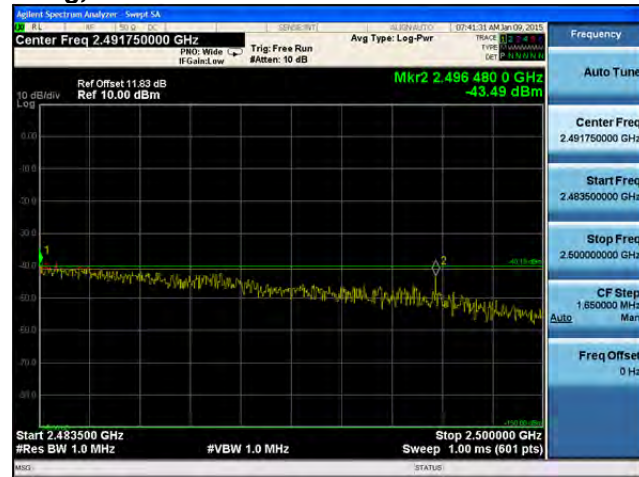




**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



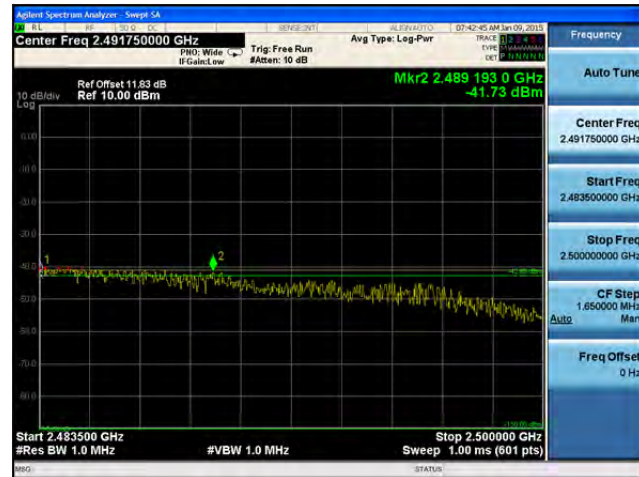
**Antenna A**



**Antenna B**



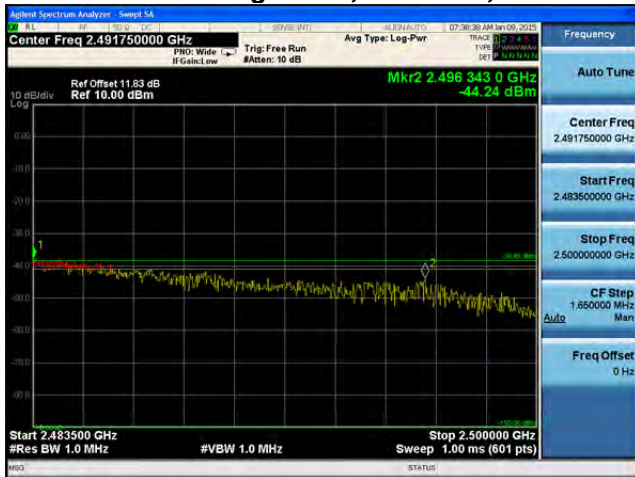
**Antenna C**



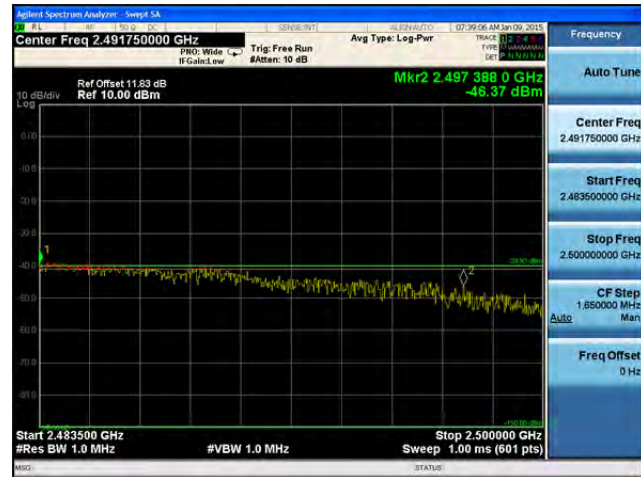
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



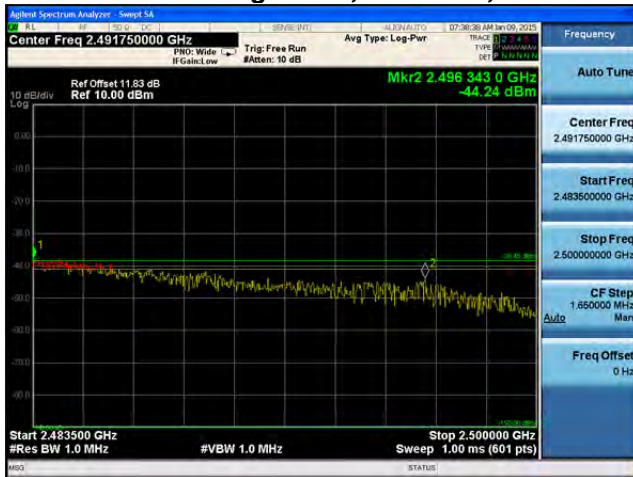
**Antenna A**



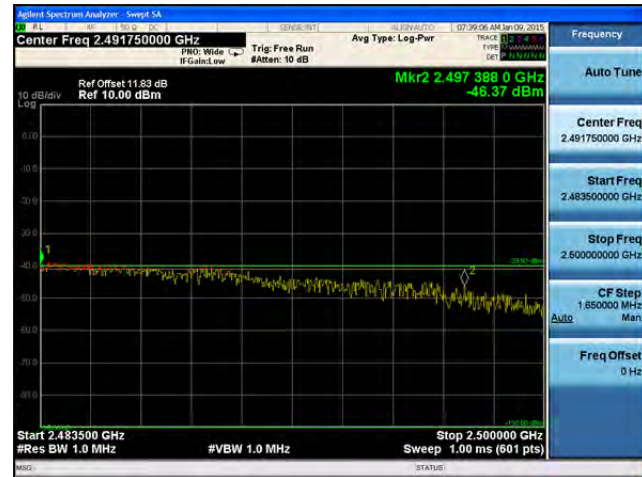
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



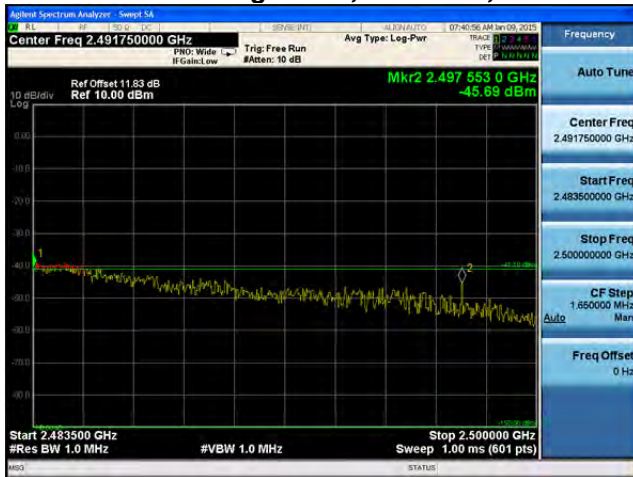
**Antenna B**



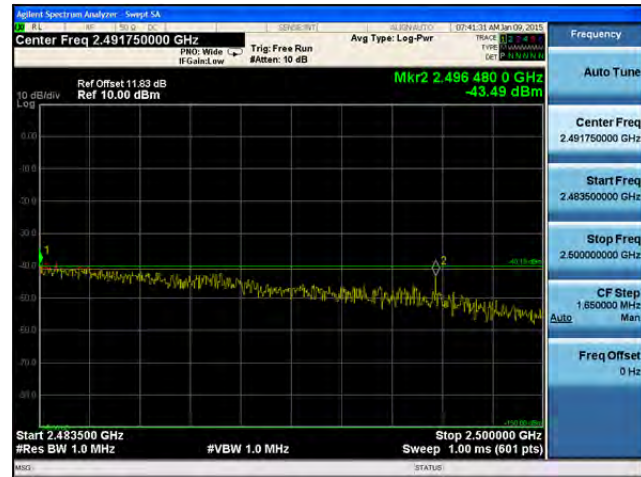
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



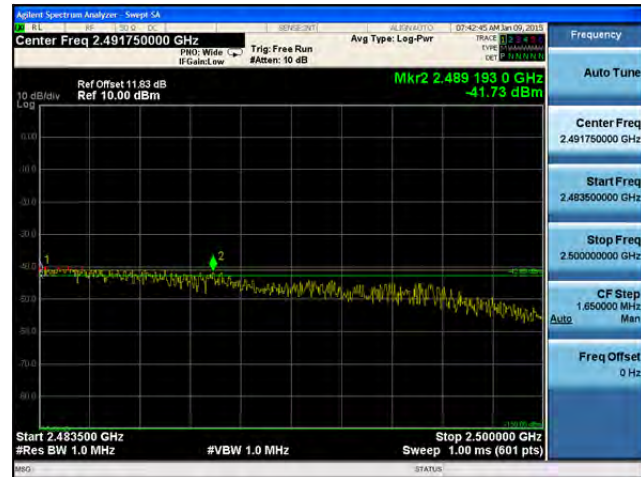
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





Antenna Gain 6

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
2412	CCK, 1 to 11 Mbps	1	6	-42.0				-36.0	-27	9.0
	CCK, 1 to 11 Mbps	2	6	-42.0	-41.3			-32.6	-27	5.6
	CCK, 1 to 11 Mbps	3	6	-42.0	-41.3	-42.0		-31.0	-27	4.0
	CCK, 1 to 11 Mbps	4	6	-42.0	-41.3	-42.0	-40.8	-29.5	-27	2.5
	Non HT-20, 6 to 54 Mbps	1	6	-42.3				-36.3	-27	9.3
	Non HT-20, 6 to 54 Mbps	2	6	-39.4	-41.9			-31.5	-27	4.5
	Non HT-20, 6 to 54 Mbps	3	6	-39.4	-41.9	-38.4		-28.9	-27	1.9
	Non HT-20, 6 to 54 Mbps	4	6	-40.0	-37.7	-43.0	-45.9	-28.6	-27	1.6
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	9	-40.9	-39.8			-28.3	-27	1.3
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	11	-42.8	-42.1	-44.8		-27.5	-27	0.5
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	12	-44.2	-44.9	-45.2	-52.5	-27.7	-27	0.7
	HT-20, M0 to M7	1	6	-39.4				-33.4	-27	6.4
	HT-20, M0 to M7	2	6	-39.4	-41.9			-31.5	-27	4.5
	HT-20, M8 to M15	2	6	-39.4	-41.9			-31.5	-27	4.5
	HT-20, M0 to M7	3	6	-40.0	-37.7	-43.0		-28.9	-27	1.9
	HT-20, M8 to M15	3	6	-40.0	-37.7	-43.0		-28.9	-27	1.9
	HT-20, M16 to M23	3	6	-40.0	-37.7	-43.0		-28.9	-27	1.9
	HT-20, M0 to M7	4	6	-40.0	-37.7	-43.0	-45.9	-28.6	-27	1.6
	HT-20, M8 to M15	4	6	-40.0	-37.7	-43.0	-45.9	-28.6	-27	1.6
	HT-20, M16 to M23	4	6	-40.0	-37.7	-43.0	-45.9	-28.6	-27	1.6
	HT-20 Beam Forming, M0 to M7	2	9	-40.9	-39.8			-28.3	-27	1.3
	HT-20 Beam Forming, M8 to M15	2	6	-39.4	-41.9			-31.5	-27	4.5
	HT-20 Beam Forming, M0 to M7	3	11	-42.8	-42.1	-44.8		-27.5	-27	0.5
	HT-20 Beam Forming, M8 to M15	3	8	-40.3	-37.8	-42.8		-27.3	-27	0.3
	HT-20 Beam Forming, M16 to M23	3	6	-40.0	-37.7	-43.0		-28.9	-27	1.9
	HT-20 Beam Forming, M0 to M7	4	12	-44.2	-44.9	-45.2	-52.5	-27.7	-27	0.7
	HT-20 Beam Forming, M8 to M15	4	9	-40.9	-39.8	-43.3	-49.9	-27.1	-27	0.1
	HT-20 Beam Forming, M16 to M23	4	7	-40.3	-37.8	-42.8	-45.4	-27.5	-27	0.5
	HT-20 STBC, M0 to M7	2	6	-39.4	-41.9			-31.5	-27	4.5
	HT-20 STBC, M0 to M7	3	6	-40.0	-37.7	-43.0		-28.9	-27	1.9
	HT-20 STBC, M0 to M7	4	6	-40.0	-37.7	-43.0	-45.9	-28.6	-27	1.6



2462	CCK, 1 to 11 Mbps	1	6	-42.0				-36.0	-27	9.0
	CCK, 1 to 11 Mbps	2	6	-42.0	-41.5			-32.7	-27	5.7
	CCK, 1 to 11 Mbps	3	6	-42.0	-41.5	-43.0		-31.4	-27	4.4
	CCK, 1 to 11 Mbps	4	6	-42.0	-41.5	-43.0	-44.8	-30.6	-27	3.6
	Non HT-20, 6 to 54 Mbps	1	6	-36.5				-30.5	-27	3.5
	Non HT-20, 6 to 54 Mbps	2	6	-38.9	-39.5			-30.2	-27	3.2
	Non HT-20, 6 to 54 Mbps	3	6	-41.8	-43.5	-41.0		-31.2	-27	4.2
	Non HT-20, 6 to 54 Mbps	4	6	-41.8	-43.5	-41.0	-41.3	-29.8	-27	2.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	9	-41.8	-43.5			-30.6	-27	3.6
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	11	-43.9	-44.3	-45.7		-29.0	-27	2.0
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	12	-46.2	-46.0	-47.7	-47.6	-28.8	-27	1.8
	HT-20, M0 to M7	1	6	-37.1				-31.1	-27	4.1
	HT-20, M0 to M7	2	6	-38.5	-39.9			-30.1	-27	3.1
	HT-20, M8 to M15	2	6	-38.5	-39.9			-30.1	-27	3.1
	HT-20, M0 to M7	3	6	-41.1	-40.2	-40.1		-29.7	-27	2.7
	HT-20, M8 to M15	3	6	-41.1	-40.2	-40.1		-29.7	-27	2.7
	HT-20, M16 to M23	3	6	-41.1	-40.2	-40.1		-29.7	-27	2.7
	HT-20, M0 to M7	4	6	-41.1	-40.2	-40.1	-41.7	-28.7	-27	1.7
	HT-20, M8 to M15	4	6	-41.1	-40.2	-40.1	-41.7	-28.7	-27	1.7
	HT-20, M16 to M23	4	6	-41.1	-40.2	-40.1	-41.7	-28.7	-27	1.7
	HT-20 Beam Forming, M0 to M7	2	9	-41.1	-40.2			-28.6	-27	1.6
	HT-20 Beam Forming, M8 to M15	2	6	-38.5	-39.9			-30.1	-27	3.1
	HT-20 Beam Forming, M0 to M7	3	11	-43.7	-42.2	-42.9		-27.3	-27	0.3
	HT-20 Beam Forming, M8 to M15	3	8	-39.2	-39.8	-40.0		-27.1	-27	0.1
	HT-20 Beam Forming, M16 to M23	3	6	-41.1	-40.2	-40.1		-29.7	-27	2.7
	HT-20 Beam Forming, M0 to M7	4	12	-45.8	-45.4	-46.2	-48.0	-28.2	-27	1.2
	HT-20 Beam Forming, M8 to M15	4	9	-43.7	-42.2	-42.9	-43.9	-28.1	-27	1.1
	HT-20 Beam Forming, M16 to M23	4	7	-43.7	-42.2	-42.9	-43.9	-29.9	-27	2.9
	HT-20 STBC, M0 to M7	2	6	-38.5	-39.9			-30.1	-27	3.1
	HT-20 STBC, M0 to M7	3	6	-41.1	-40.2	-40.1		-29.7	-27	2.7
HT-20 STBC, M0 to M7	4	6	-41.1	-40.2	-40.1	-41.7	-28.7	-27	1.7	



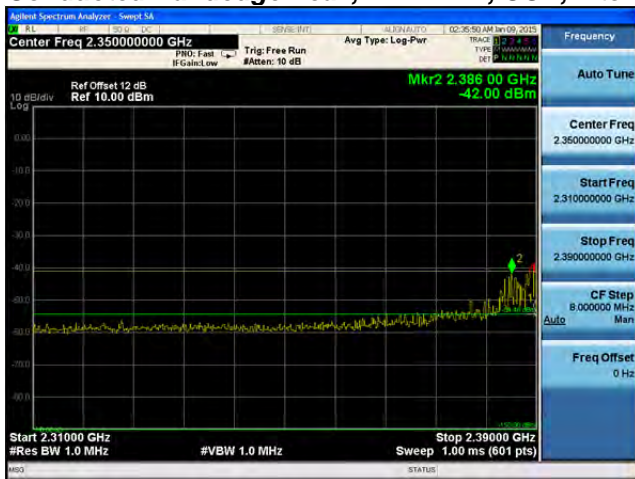
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



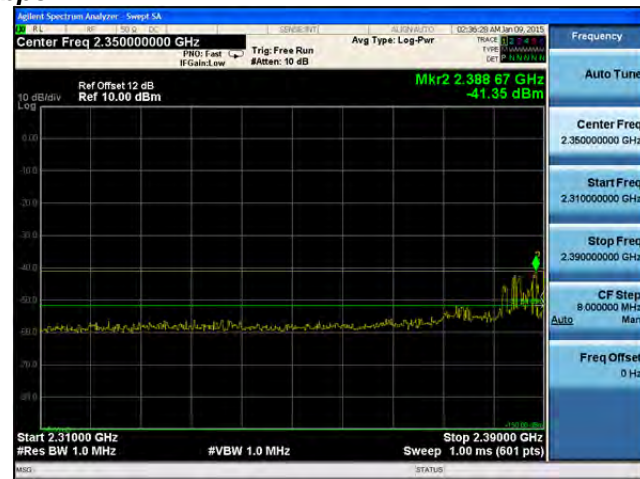
**Antenna A**



### Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps



Antenna A



Antenna B





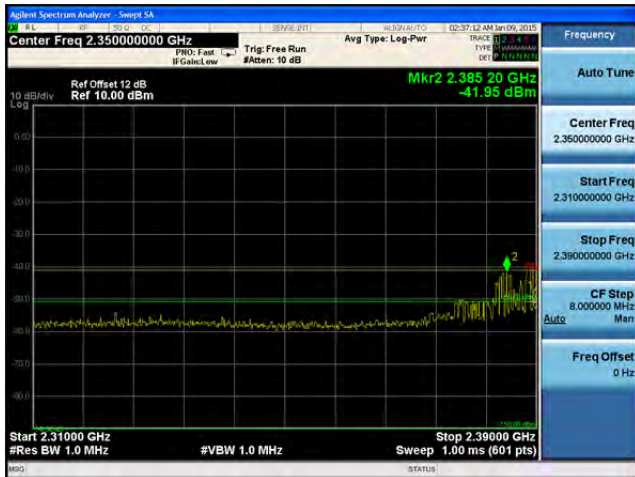
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



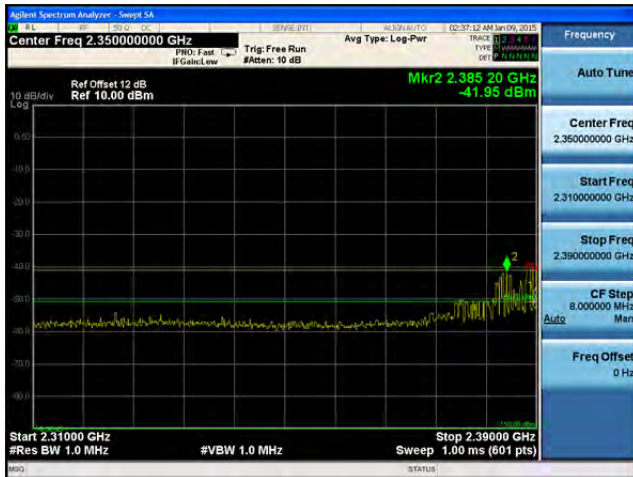
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



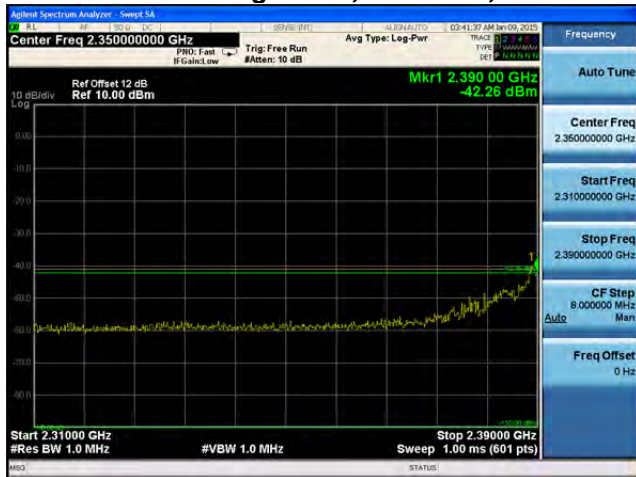
**Antenna C**



**Antenna D**



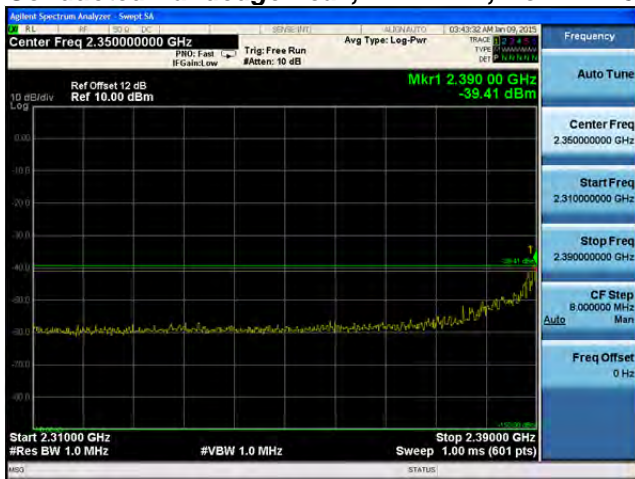
**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**

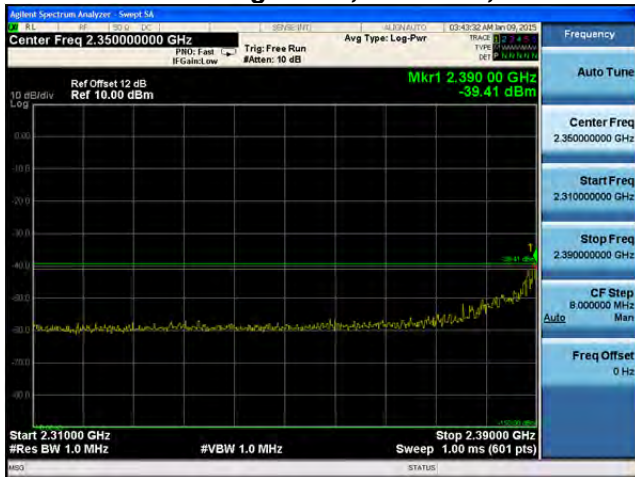


**Antenna B**





**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



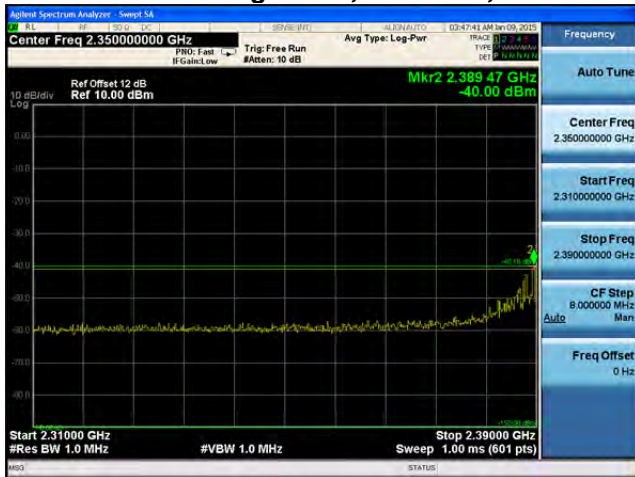
**Antenna B**



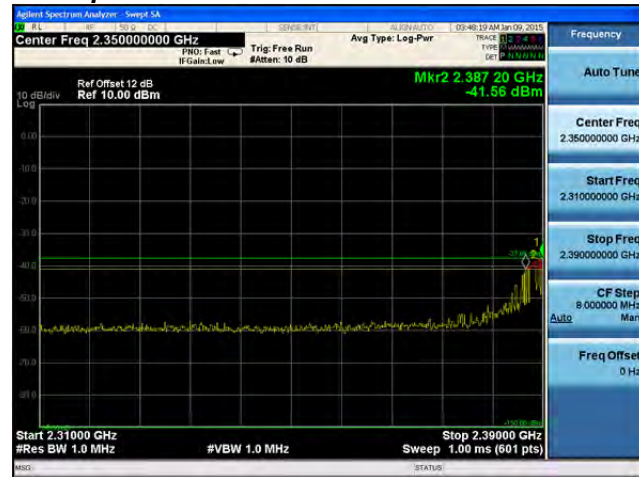
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



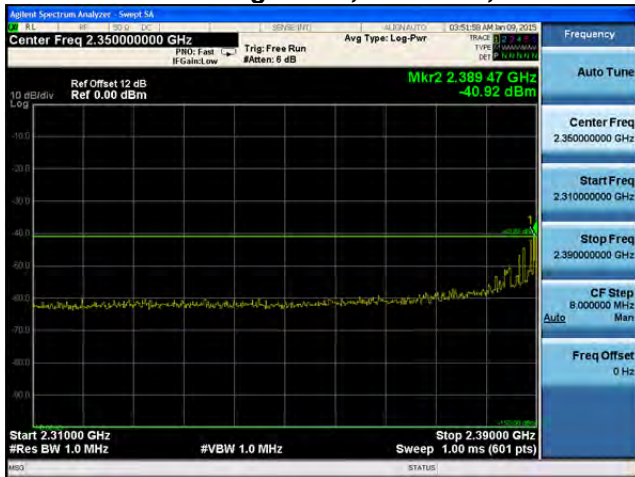
**Antenna C**



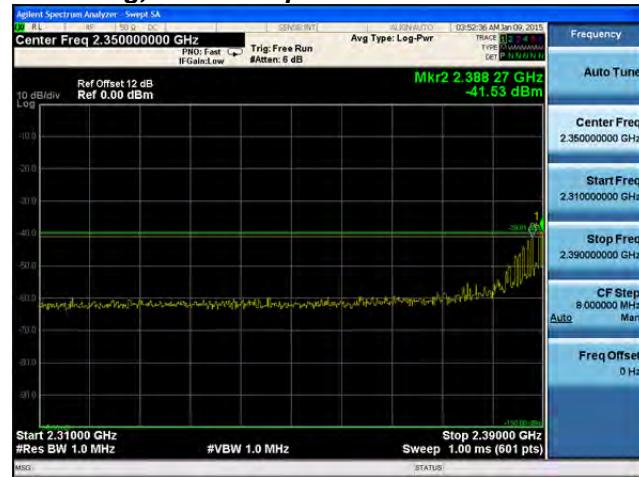
**Antenna D**



### Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps



Antenna A



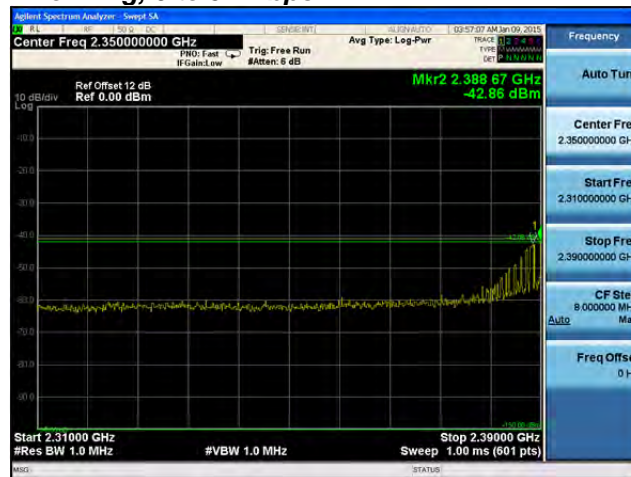
Antenna B



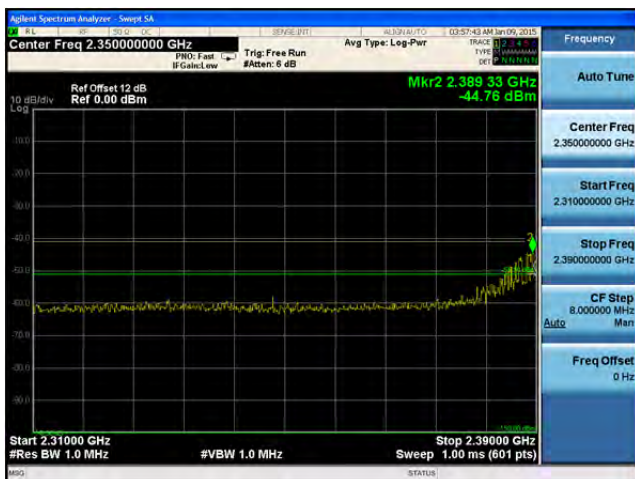
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**

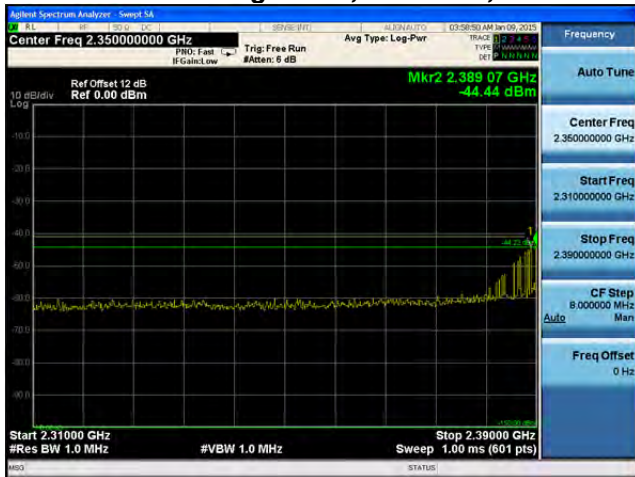


**Antenna C**





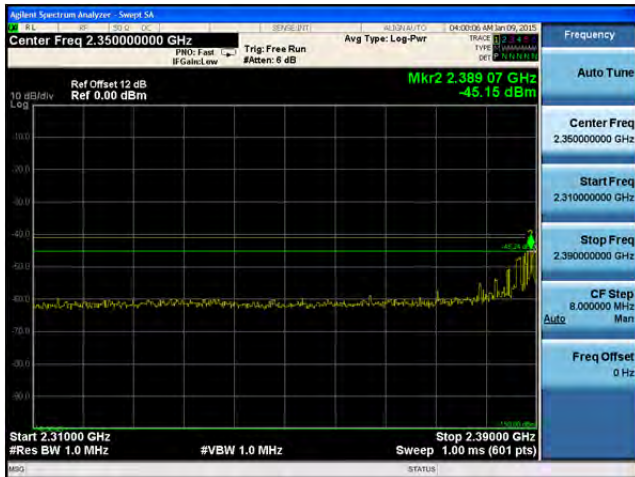
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**

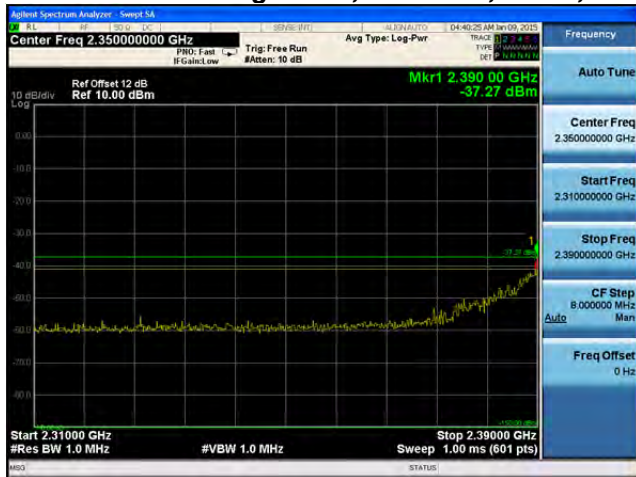


**Antenna C**



**Antenna D**

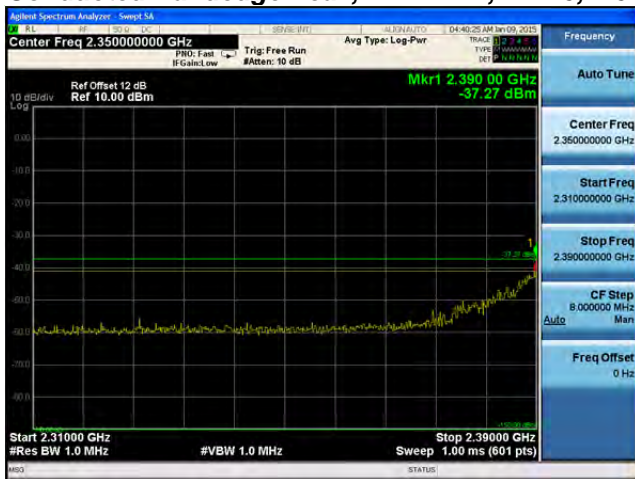
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



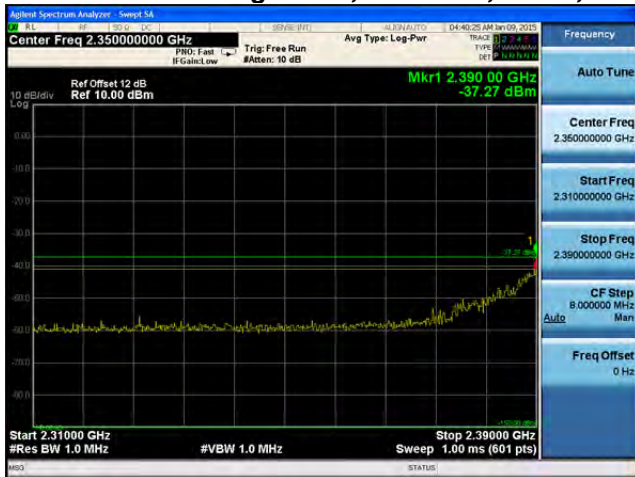
**Antenna A**



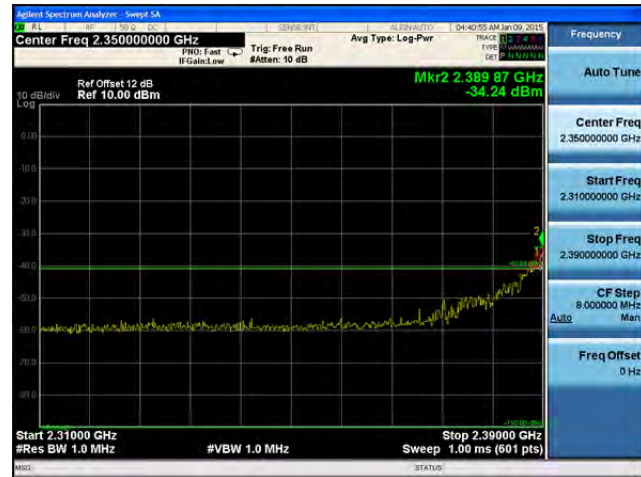
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**

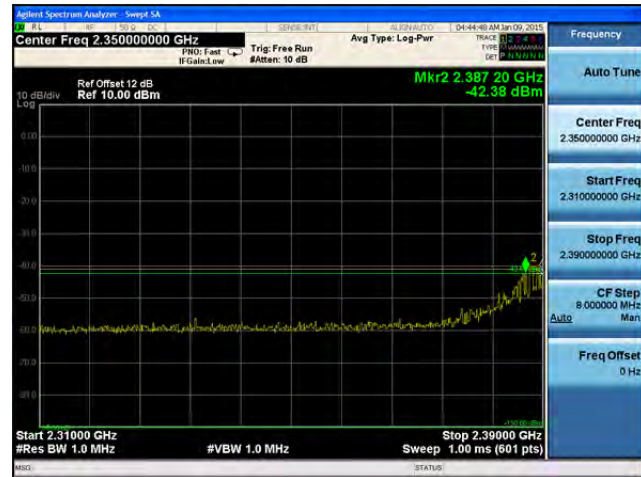




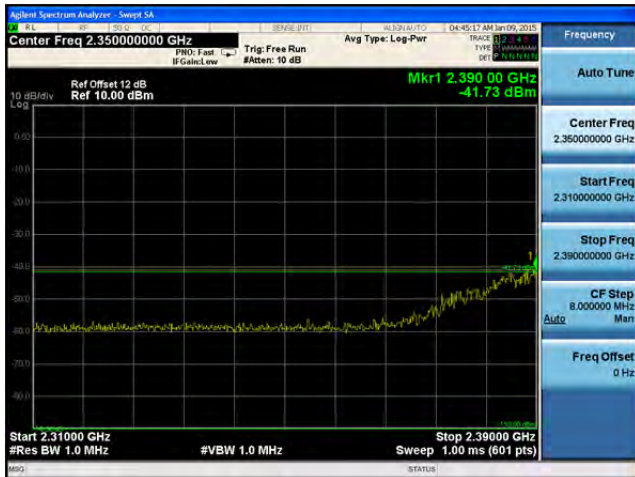
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



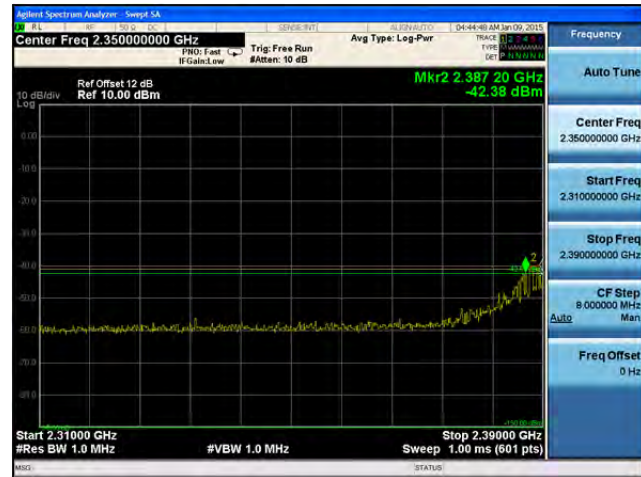
**Antenna C**



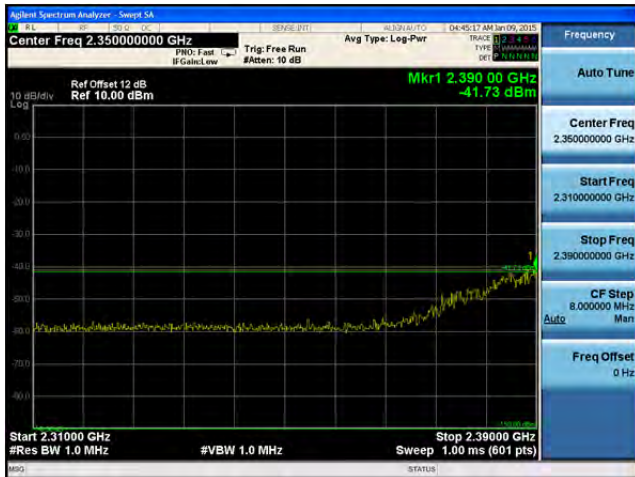
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



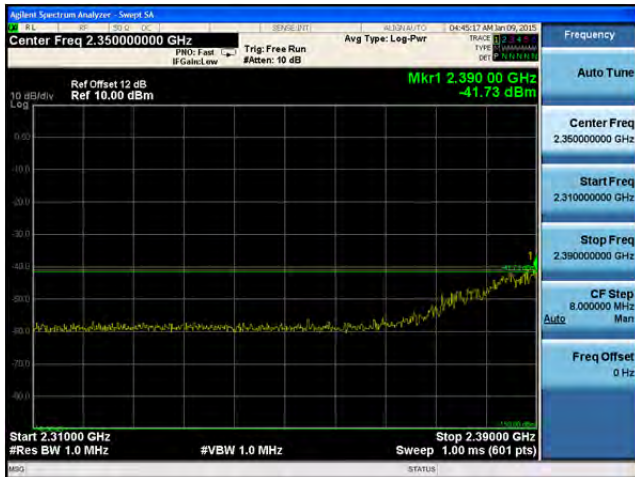
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



**Antenna C**



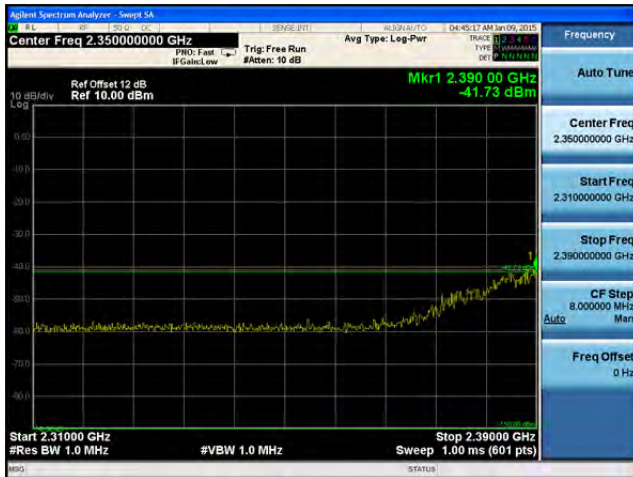
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

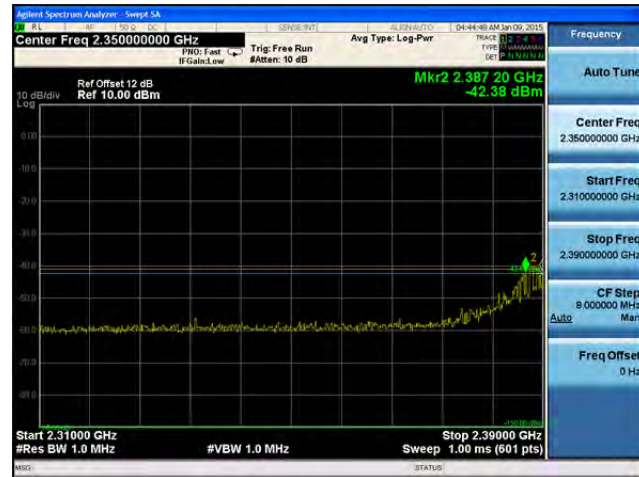




**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



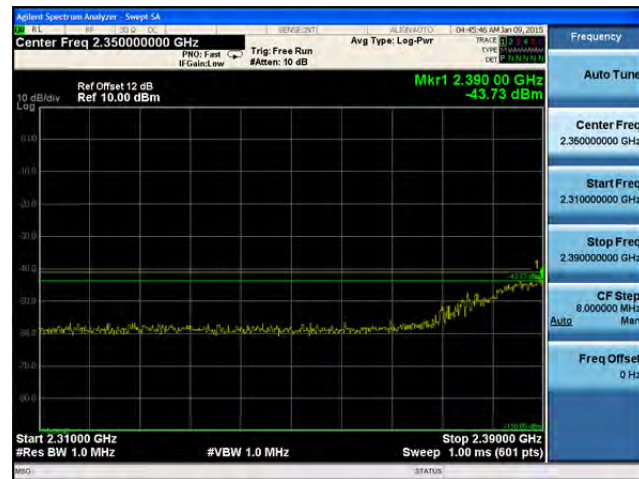
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



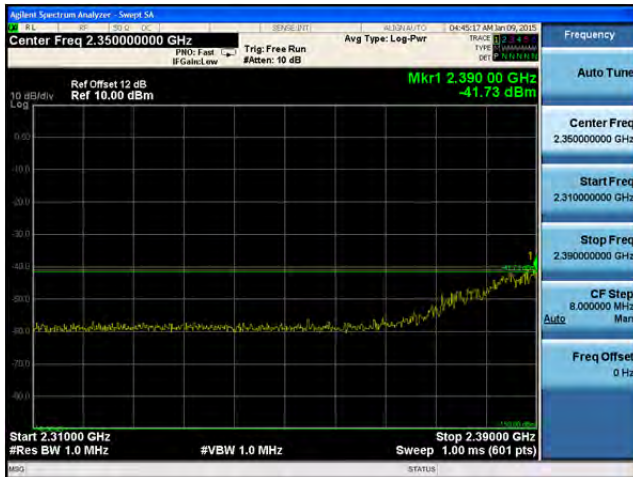
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



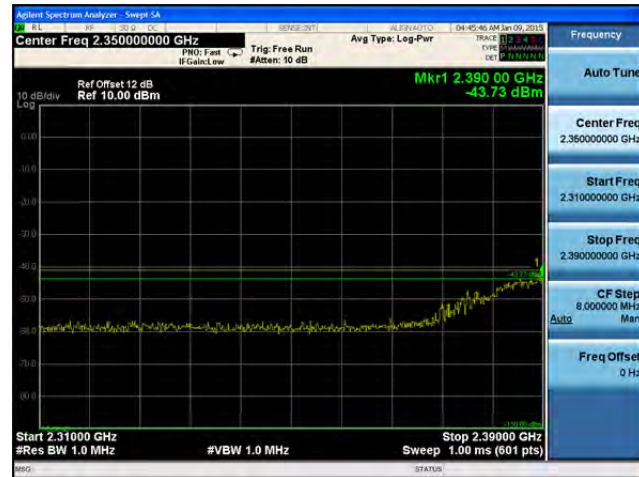
**Antenna A**



**Antenna B**



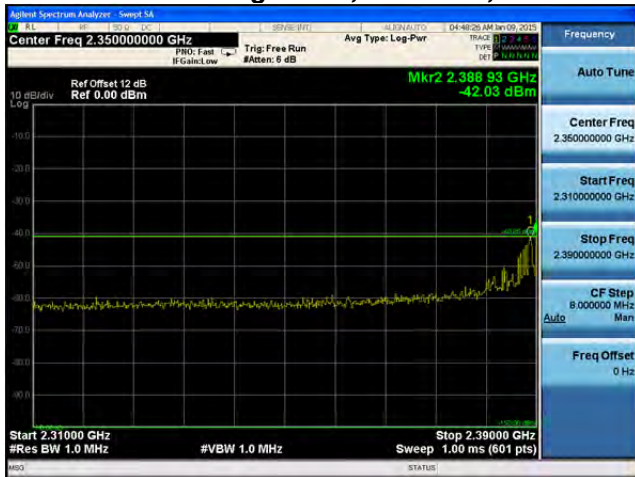
**Antenna C**



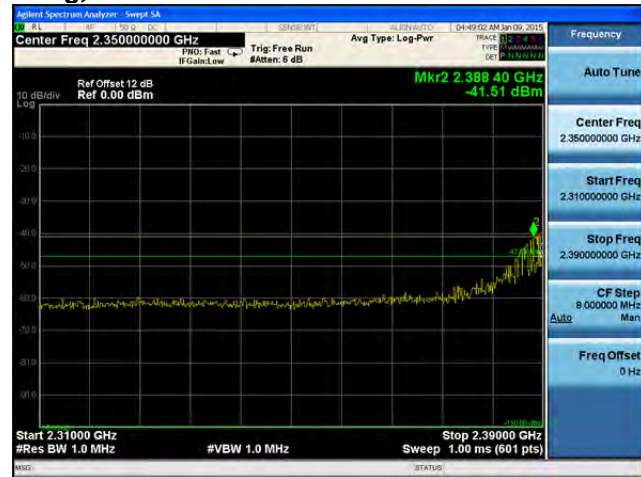
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



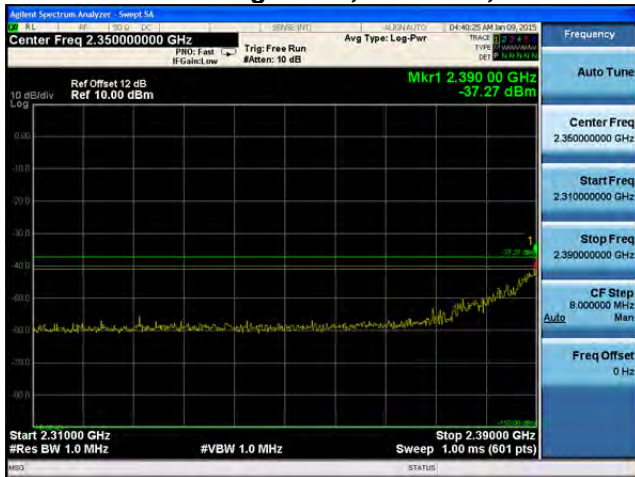
**Antenna A**



**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**

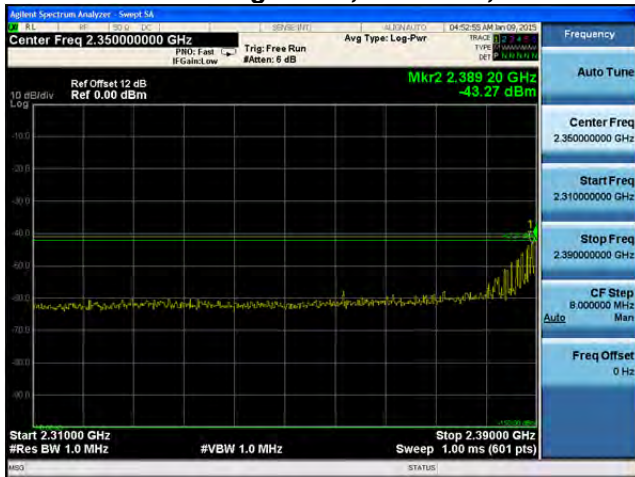


**Antenna B**

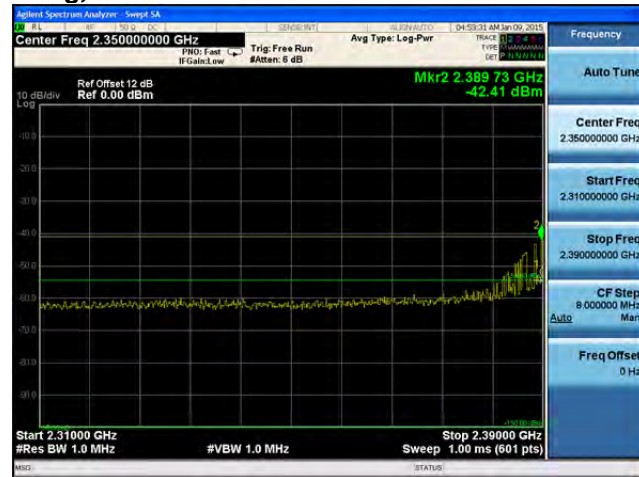




**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



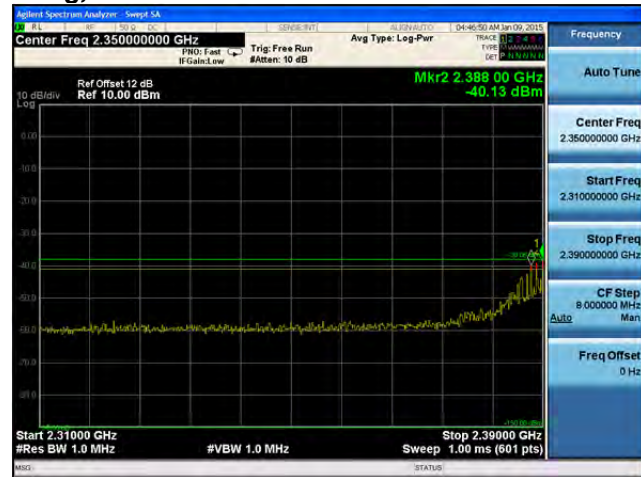
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



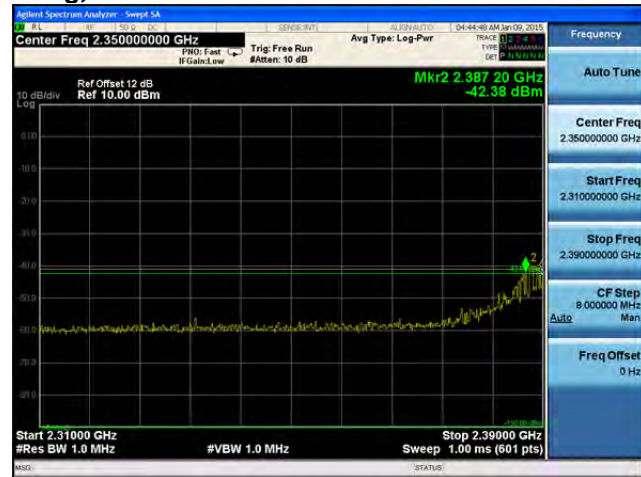
**Antenna C**



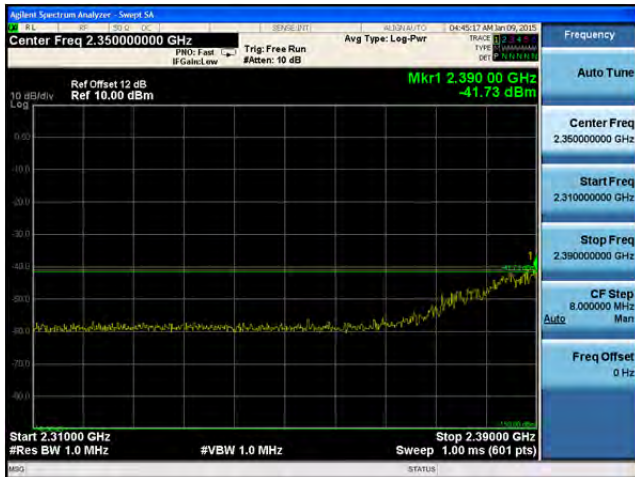
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



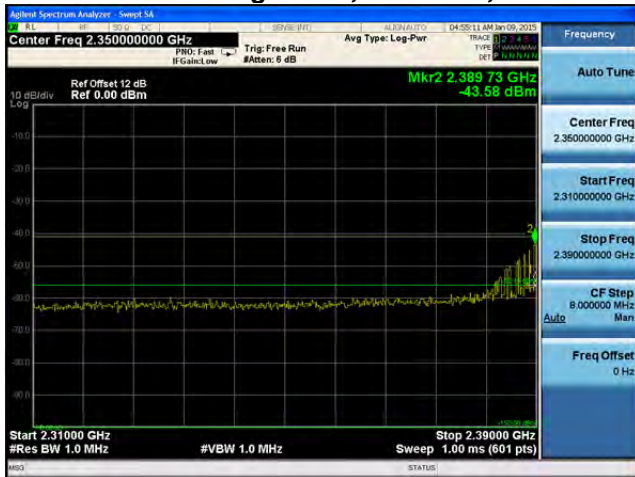
**Antenna B**



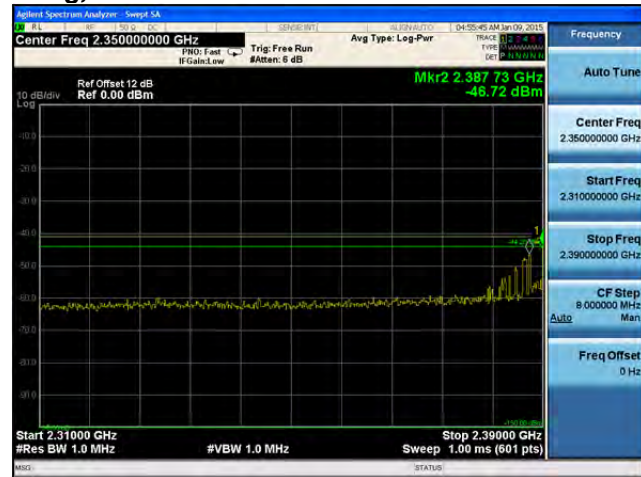
**Antenna C**



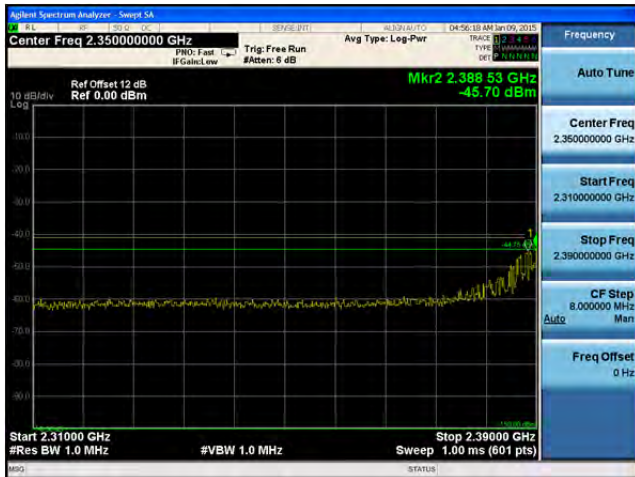
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



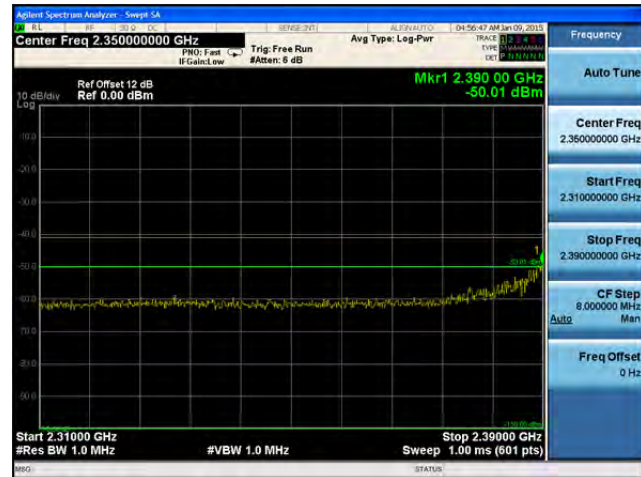
**Antenna A**



**Antenna B**



**Antenna C**

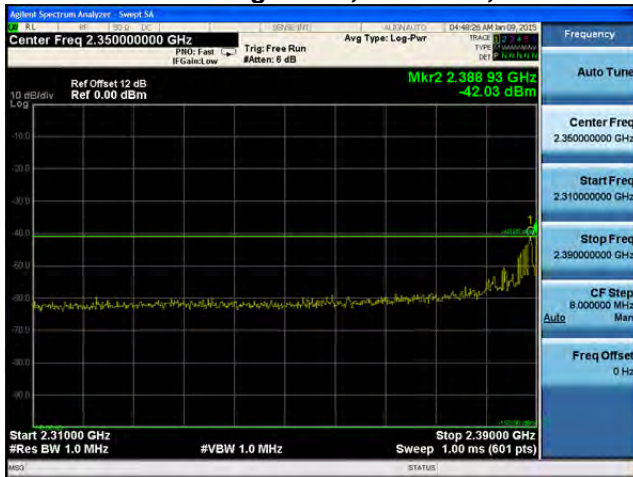


**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



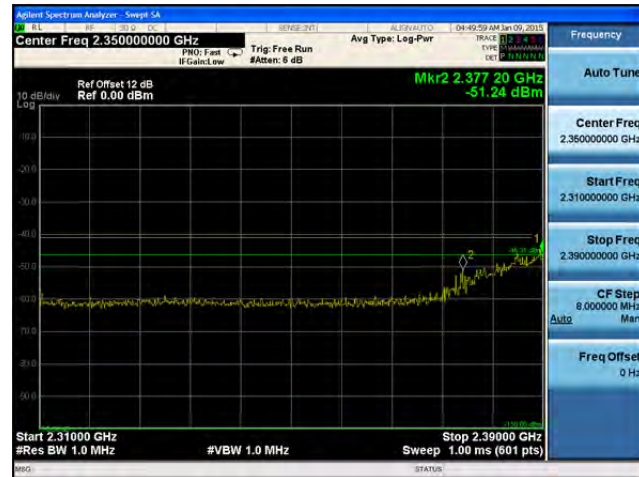
**Antenna A**



**Antenna B**



**Antenna C**



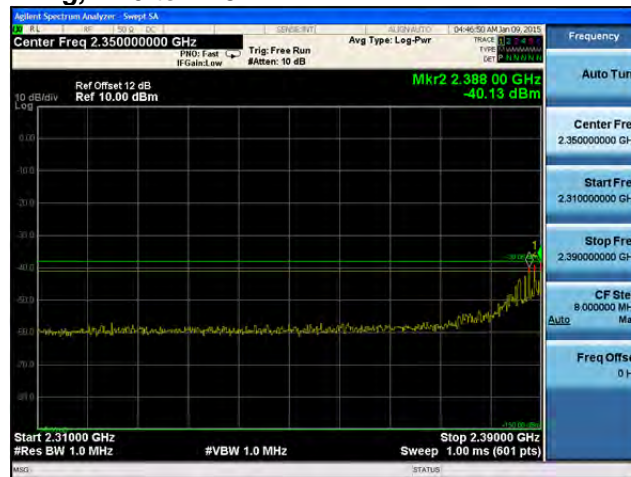
**Antenna D**



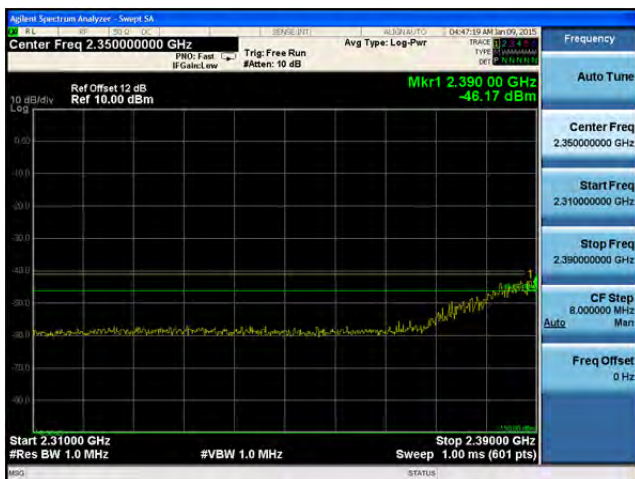
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



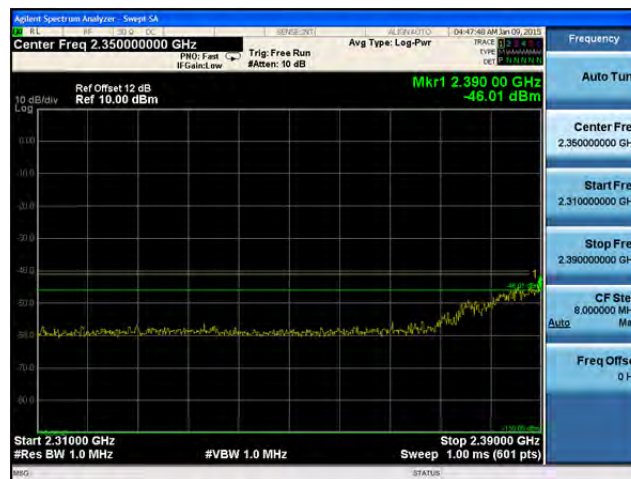
**Antenna A**



**Antenna B**



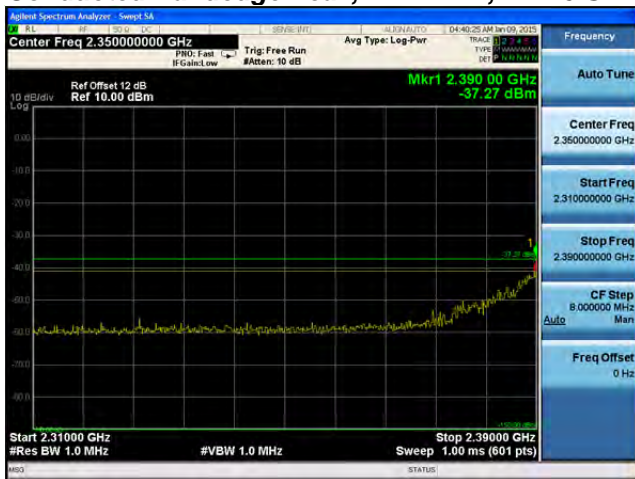
**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



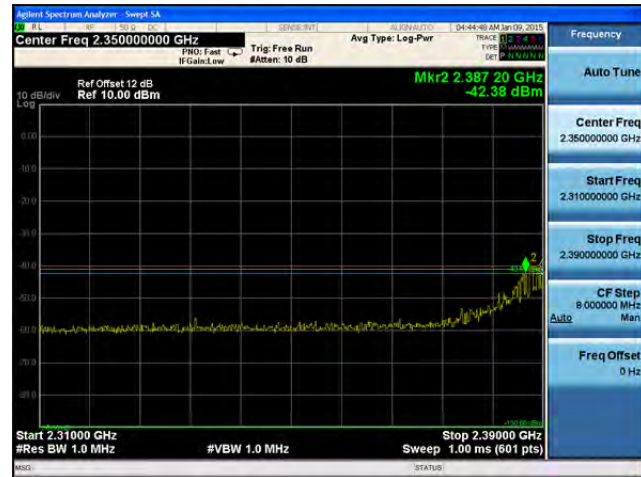
**Antenna B**



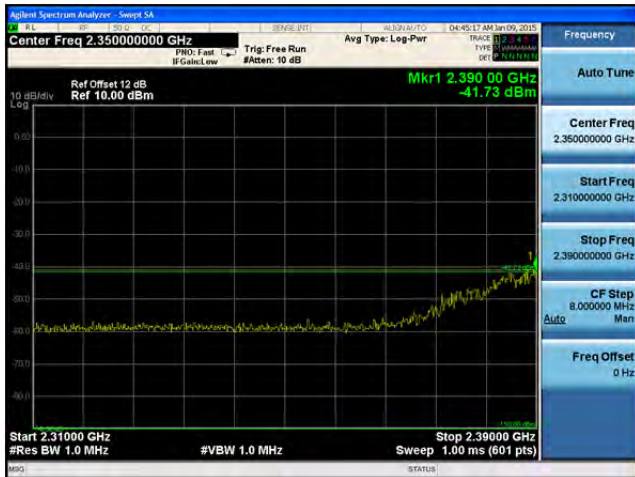
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

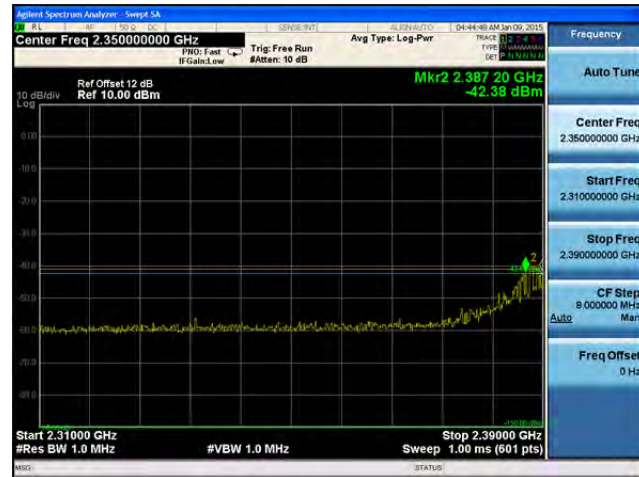




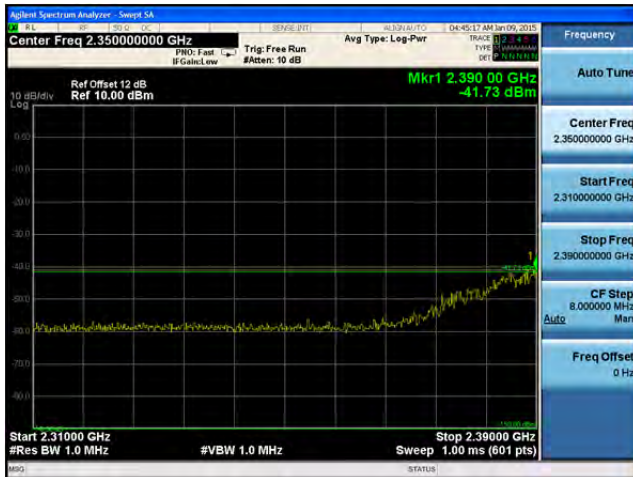
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



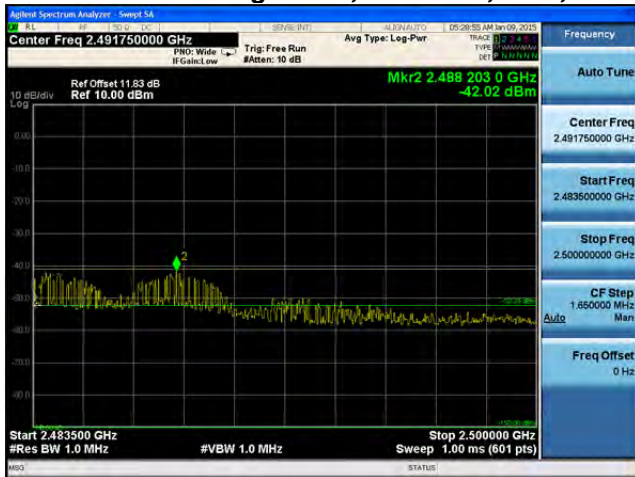
**Antenna C**



**Antenna D**



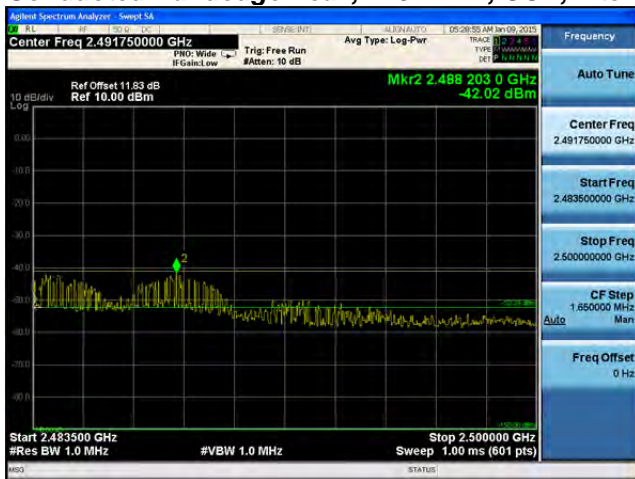
**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



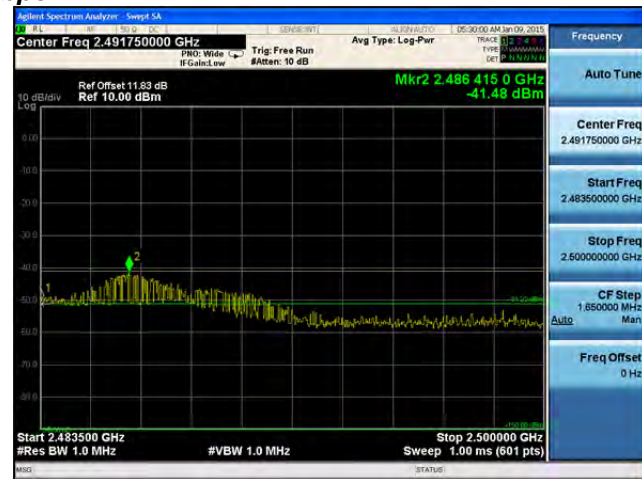
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



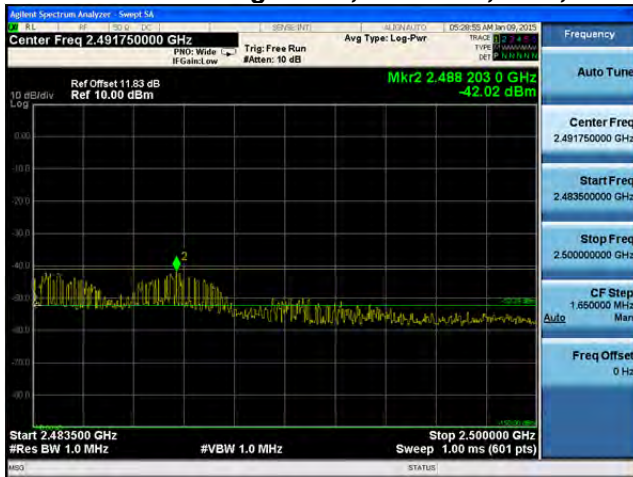
**Antenna A**



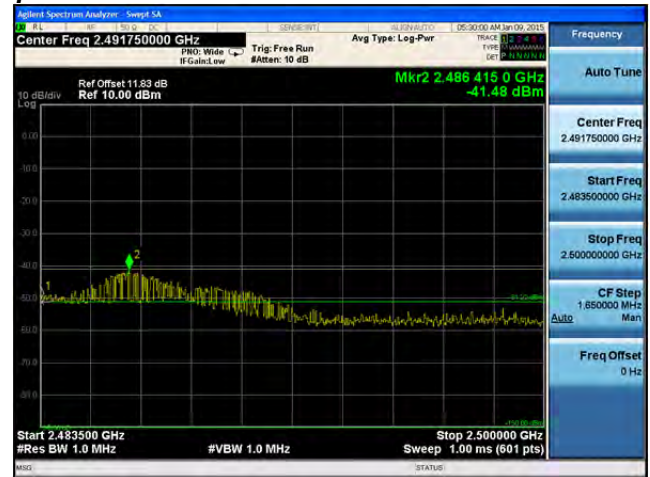
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**

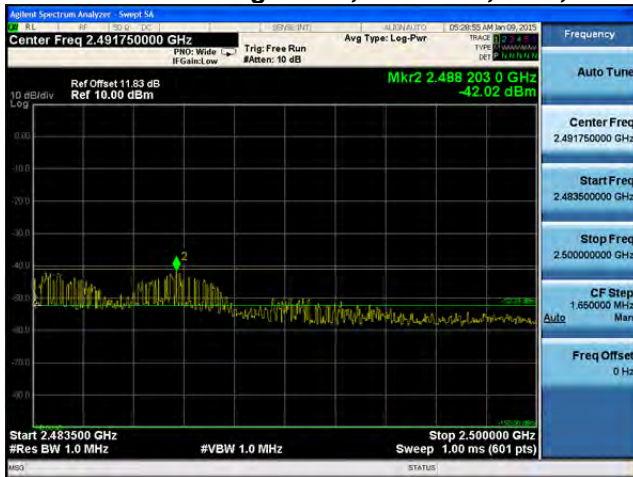


**Antenna C**

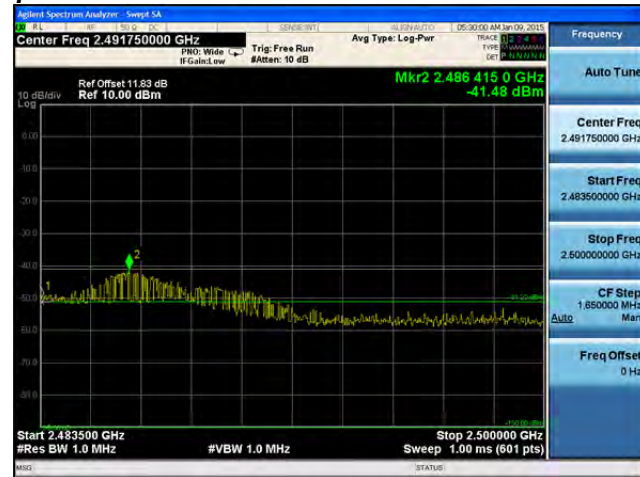




**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



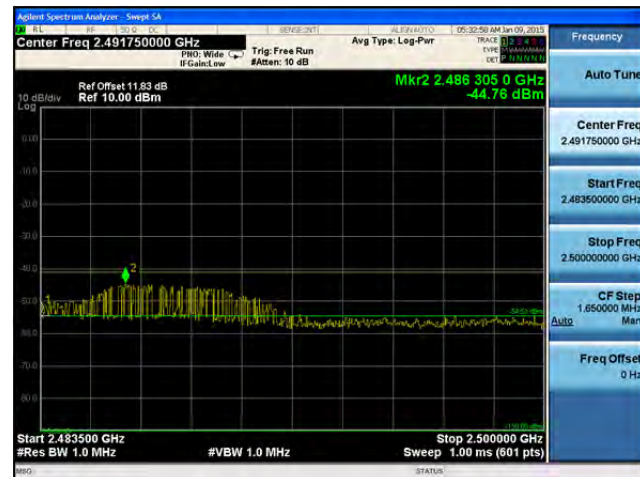
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



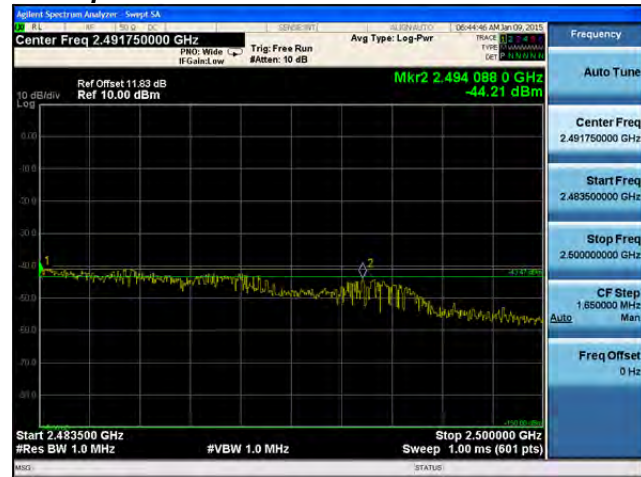
**Antenna B**



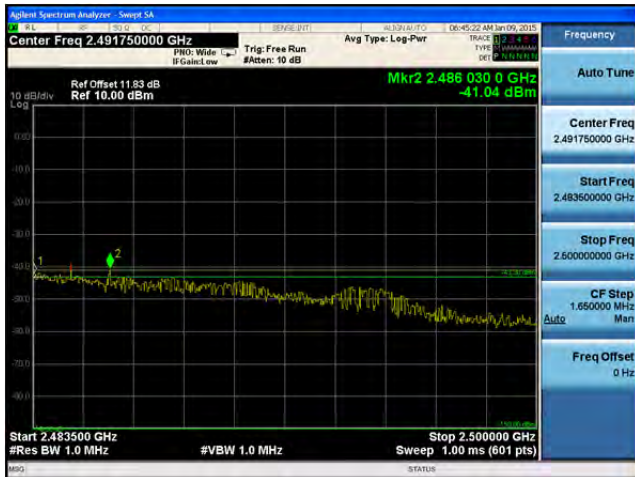
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**

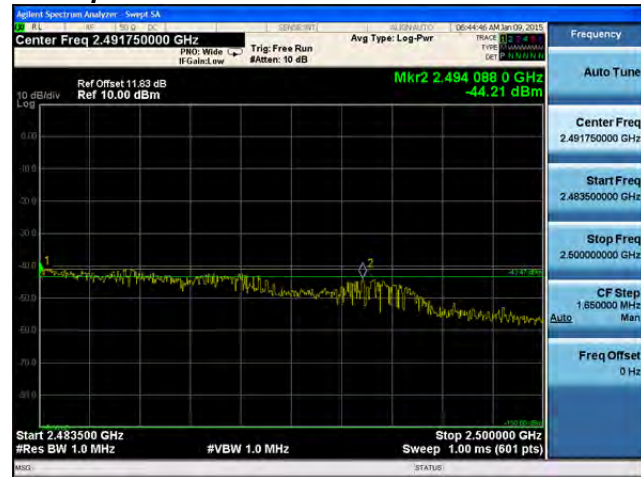




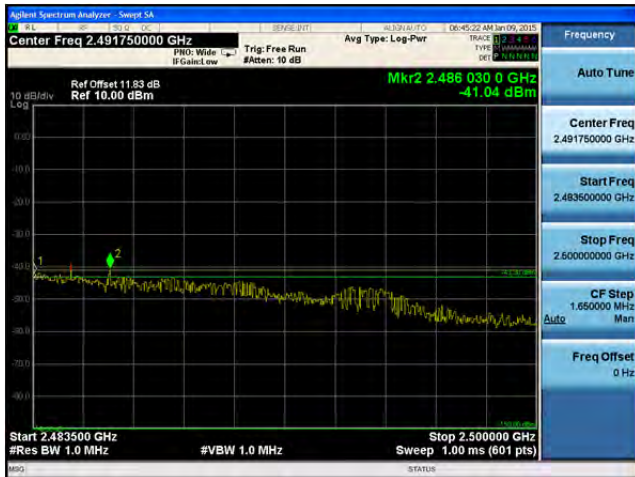
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



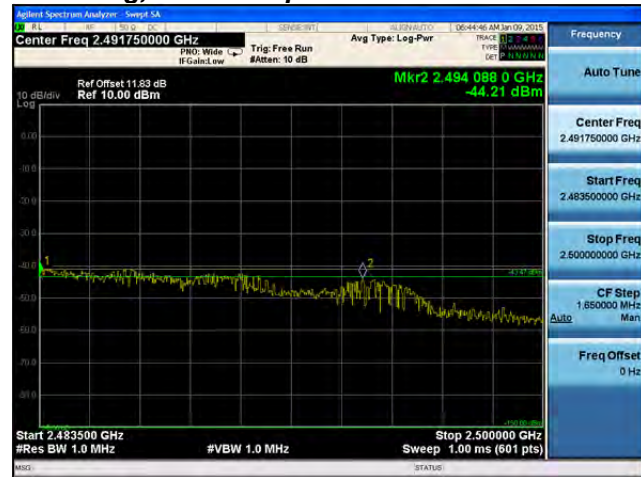
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



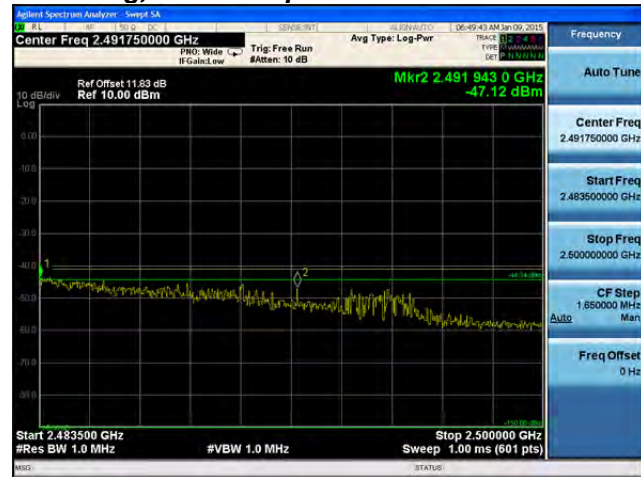
**Antenna B**



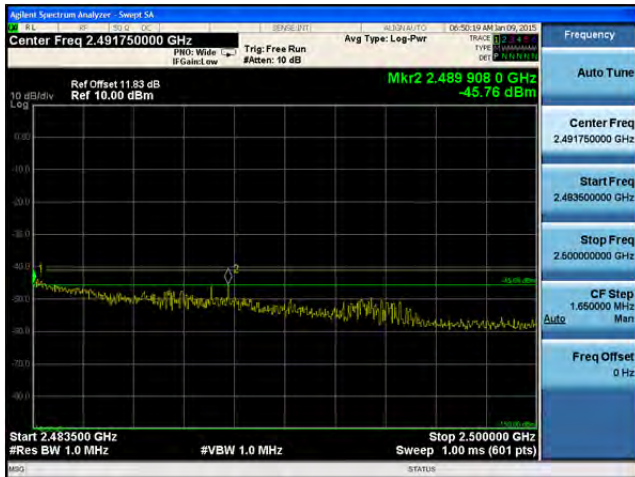
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**



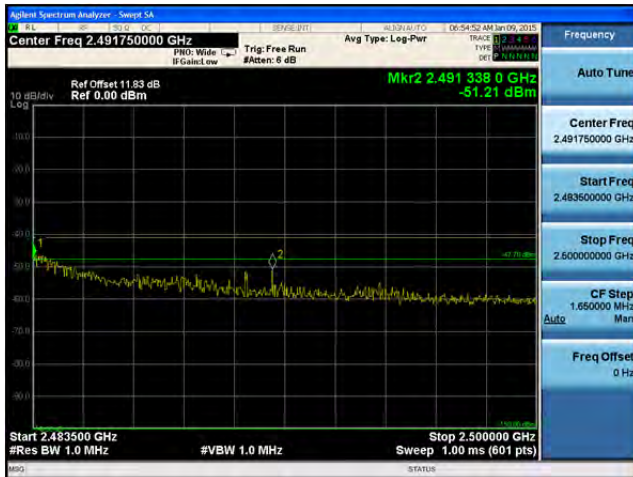
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



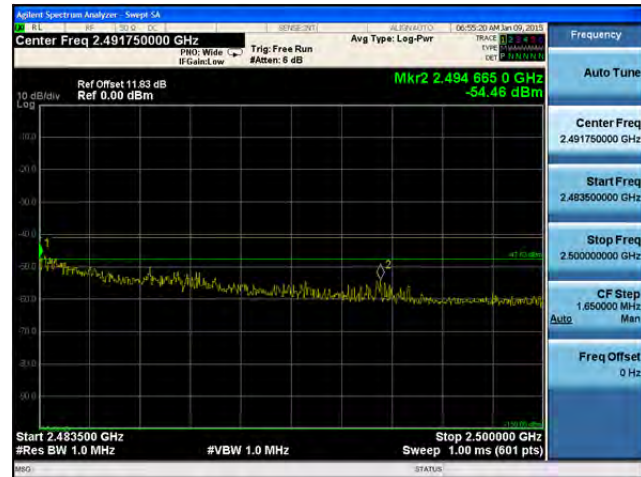
**Antenna A**



**Antenna B**



**Antenna C**

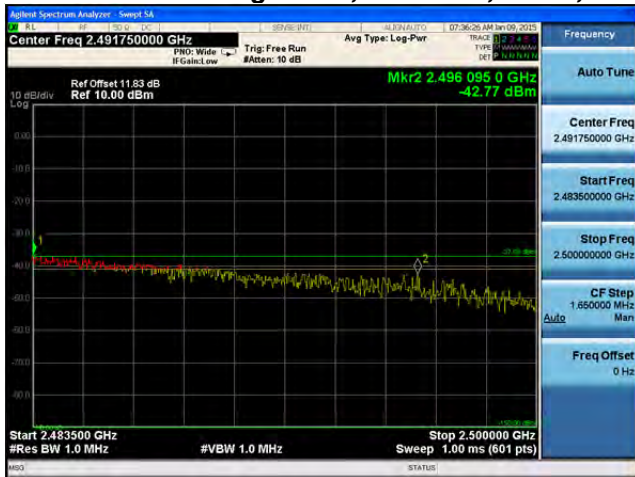


**Antenna D**





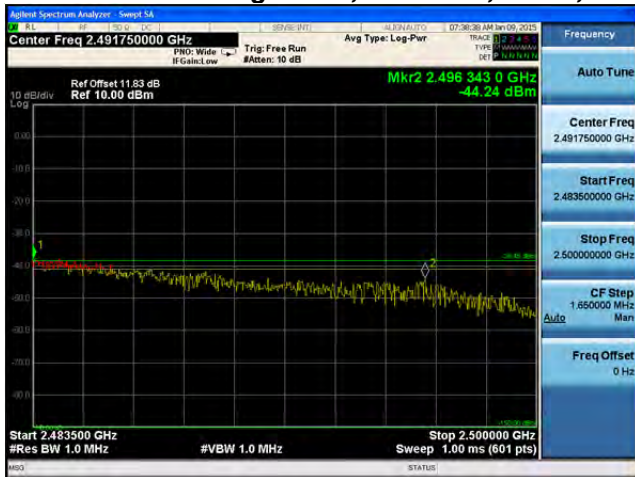
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



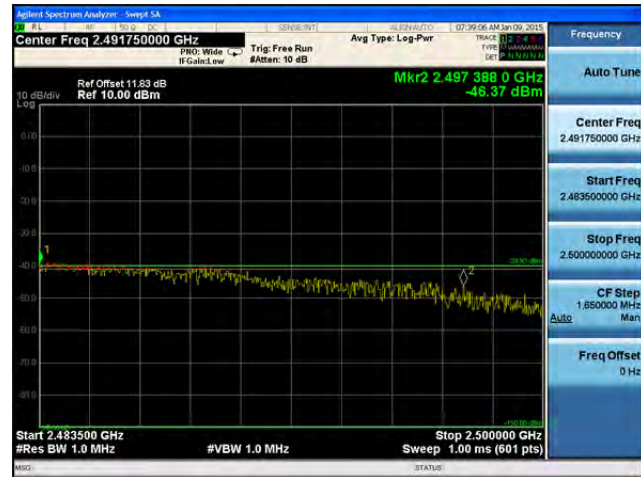
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



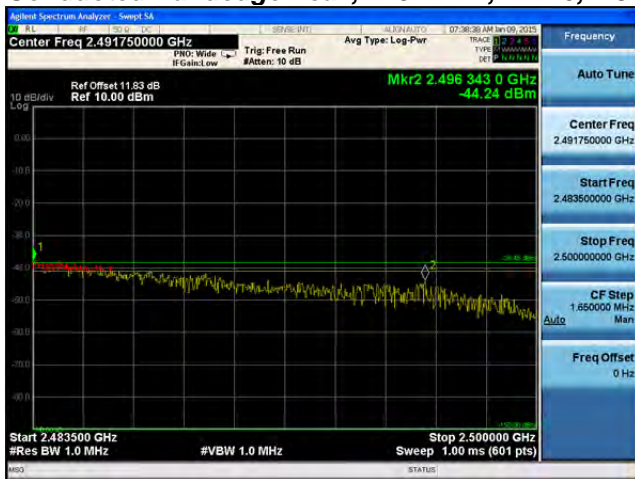
**Antenna A**



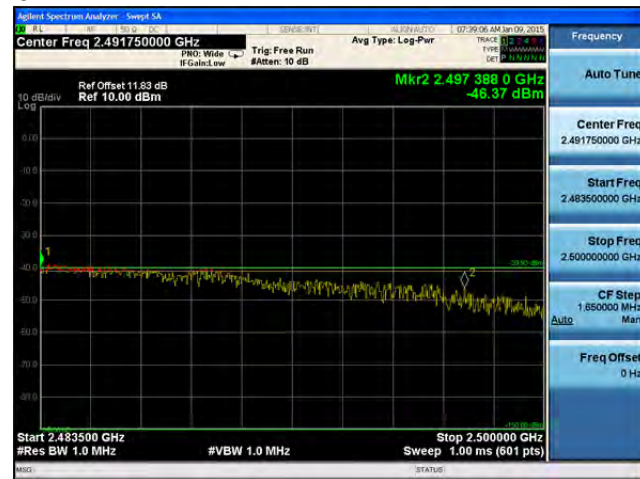
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



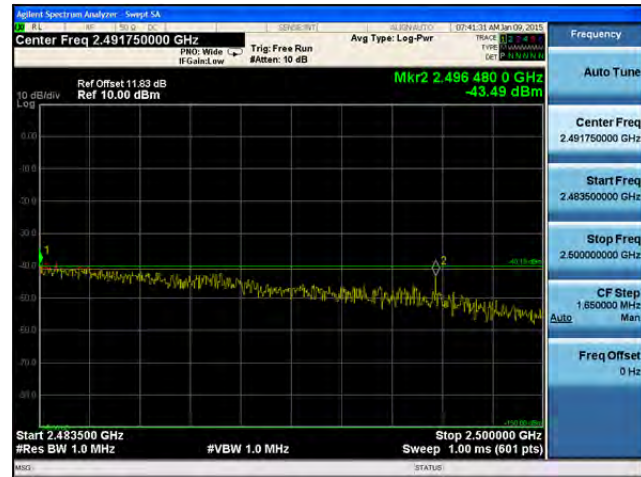
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

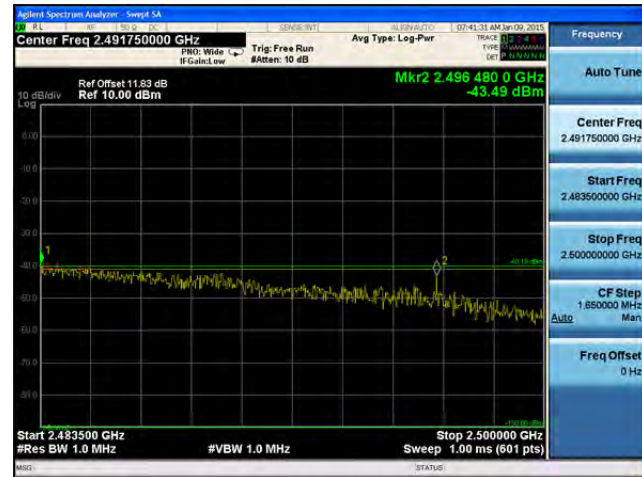




**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



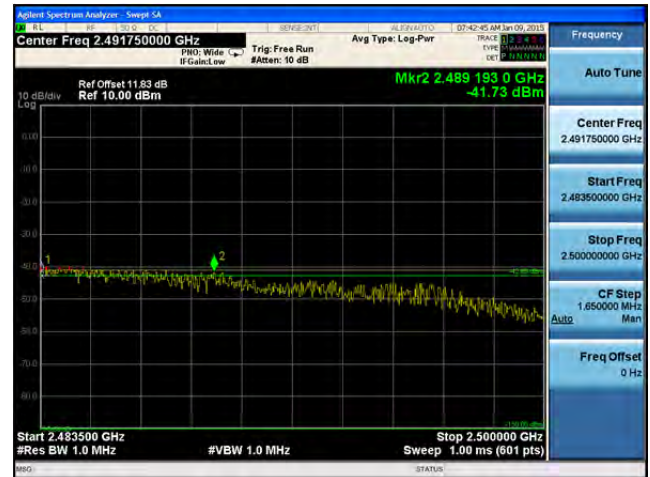
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

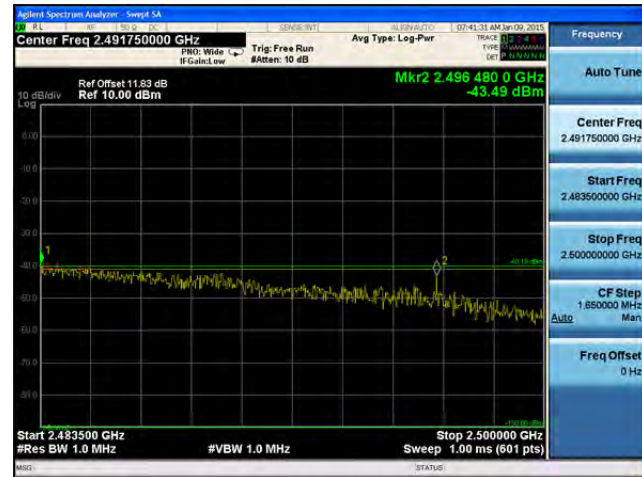




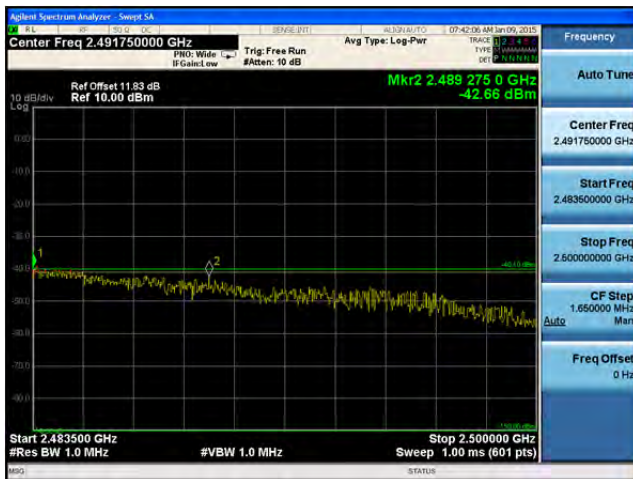
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



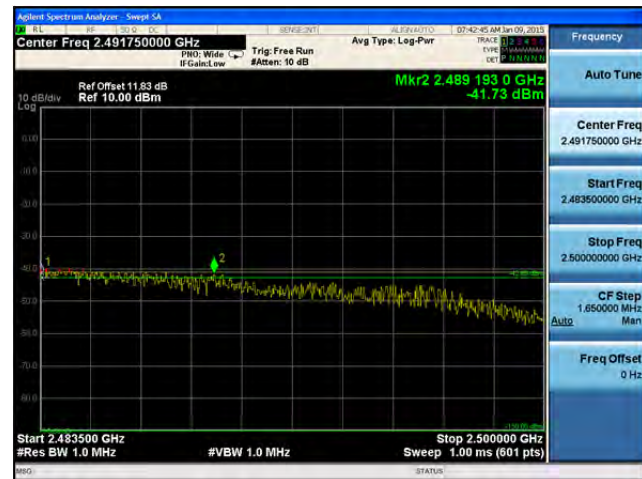
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

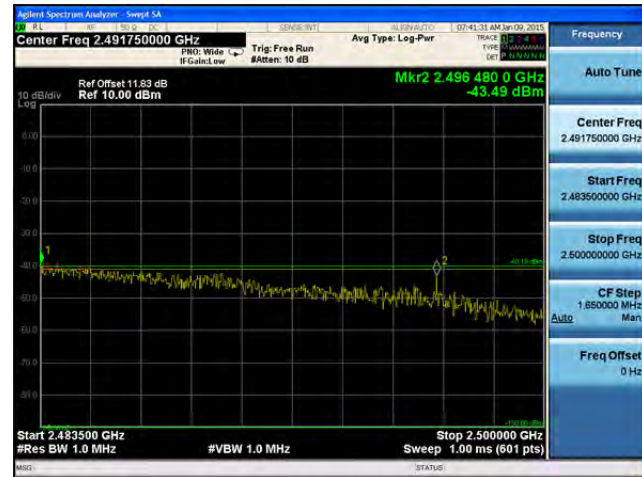




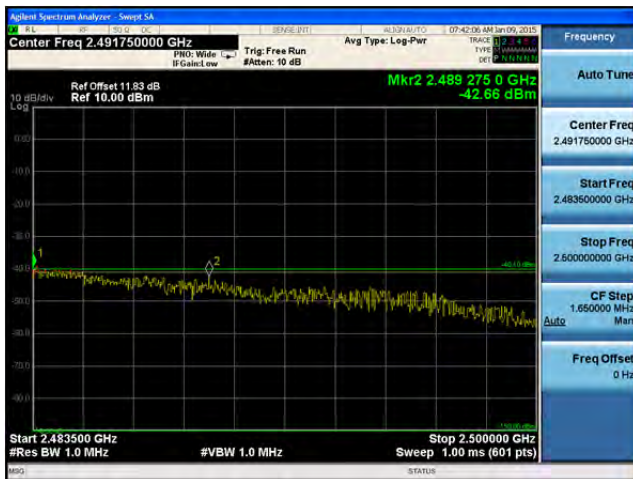
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



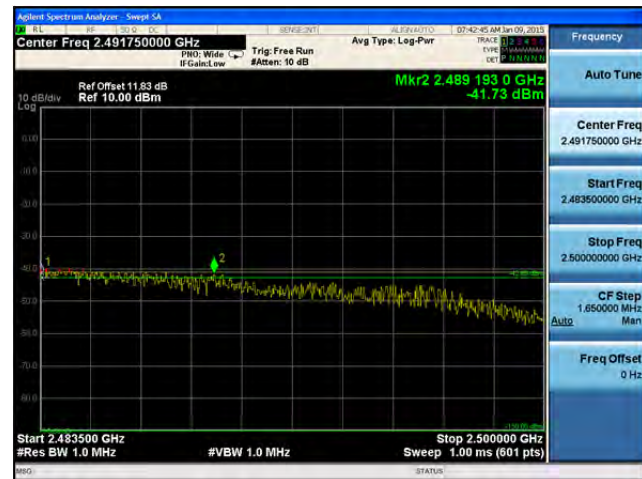
**Antenna A**



**Antenna B**



**Antenna C**



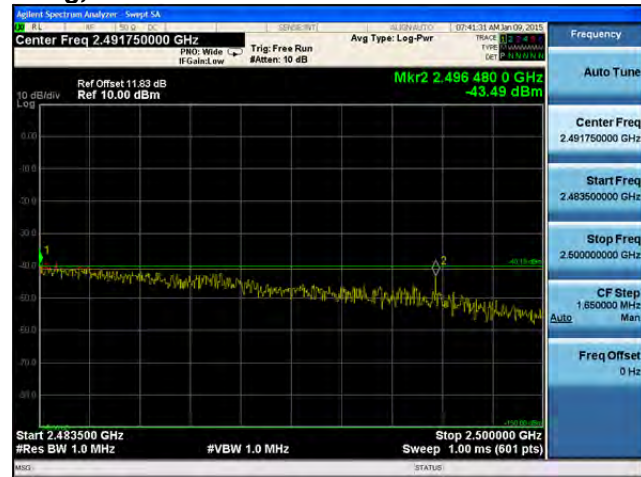
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



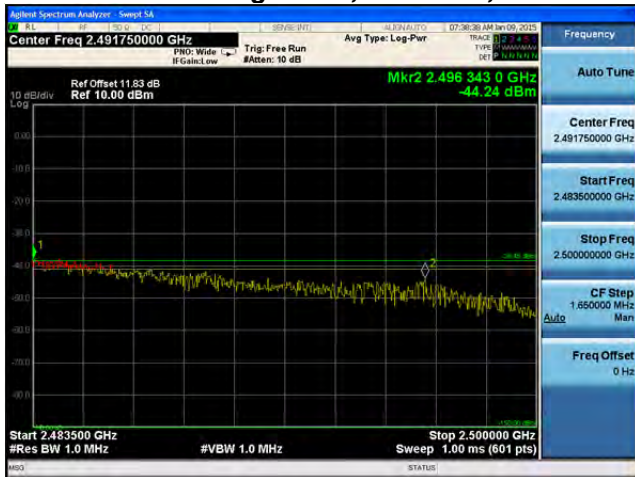
**Antenna A**



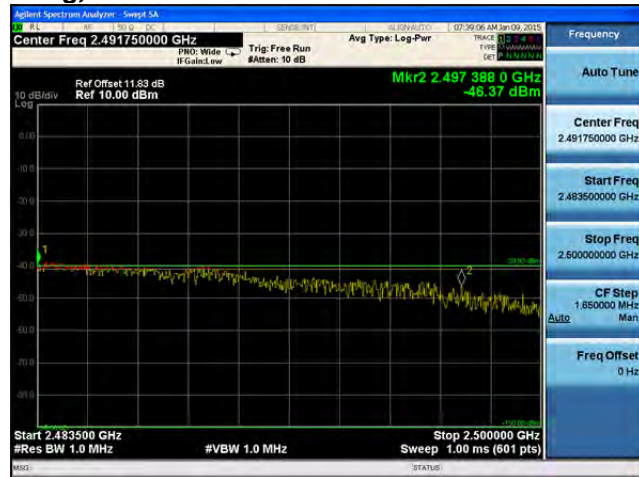
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



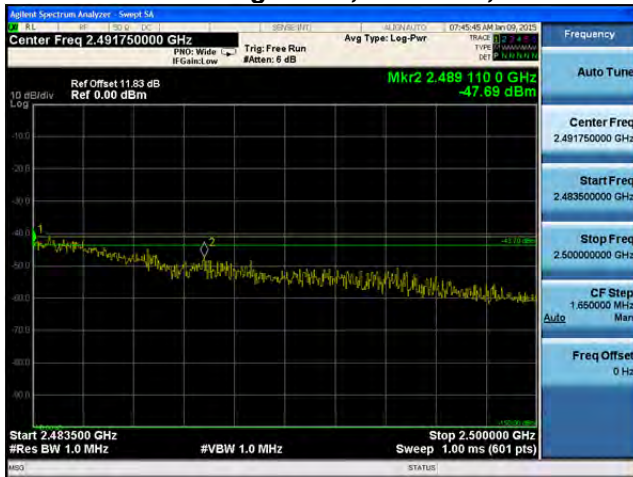
**Antenna A**



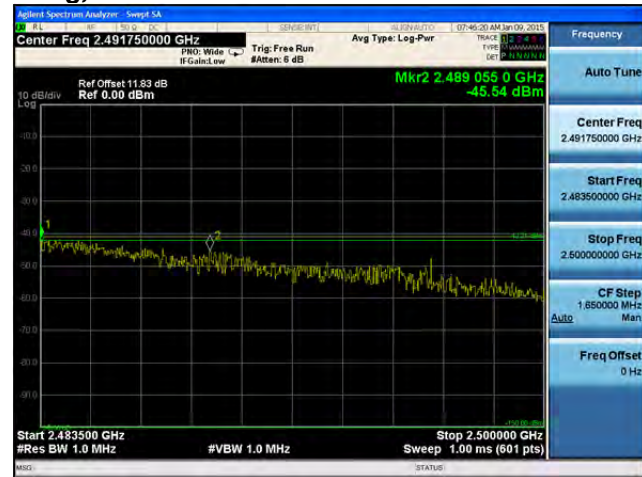
**Antenna B**



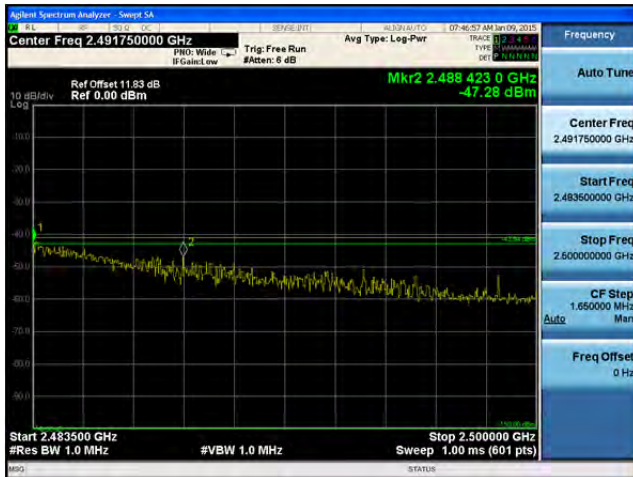
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**

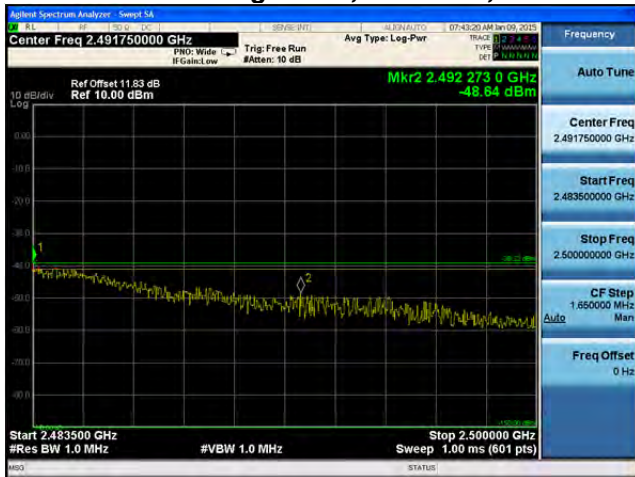


**Antenna C**

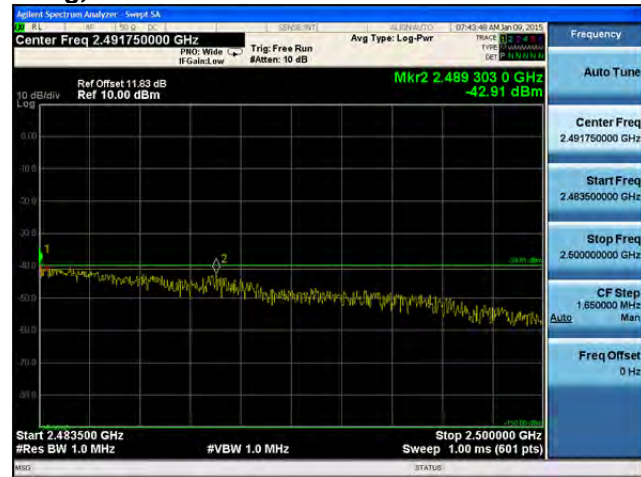




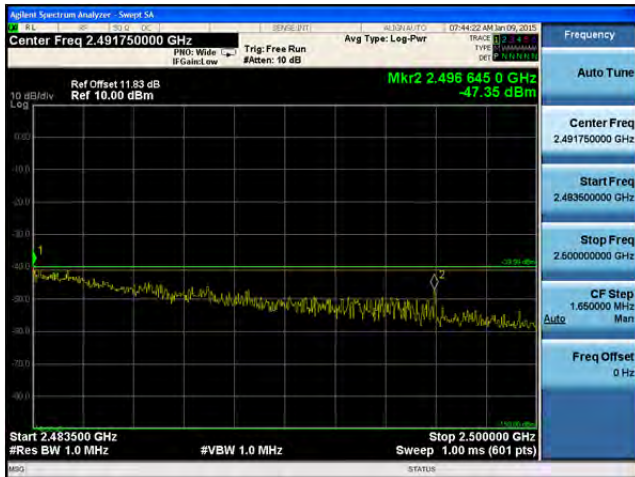
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



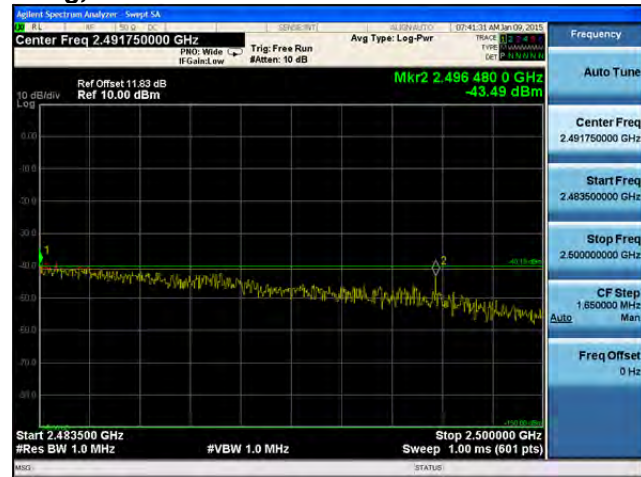
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



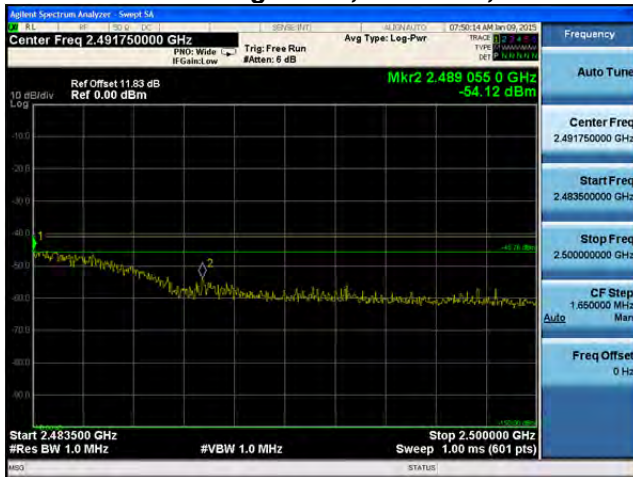
**Antenna B**



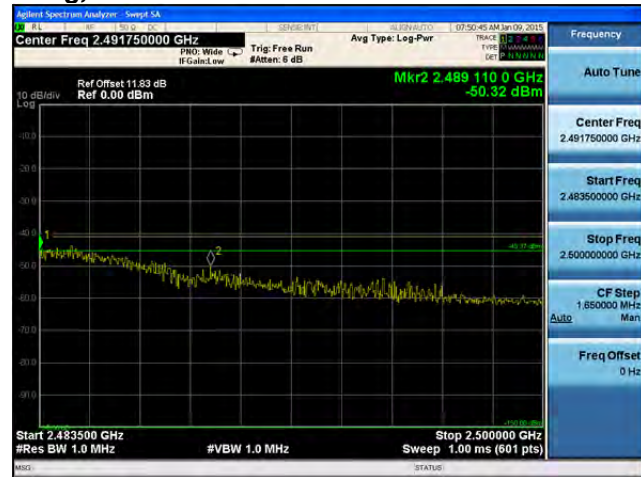
**Antenna C**



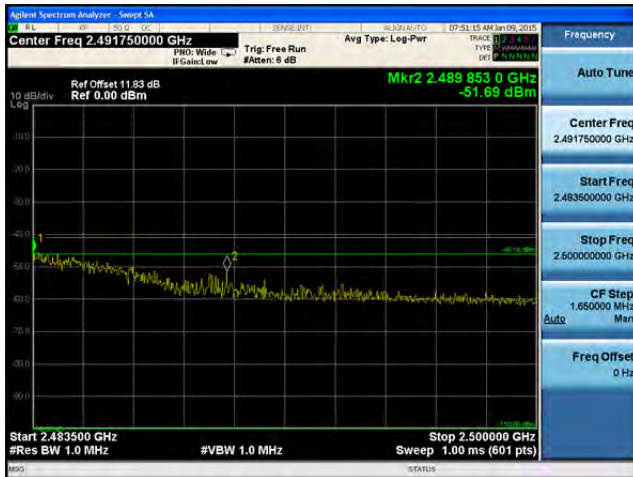
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



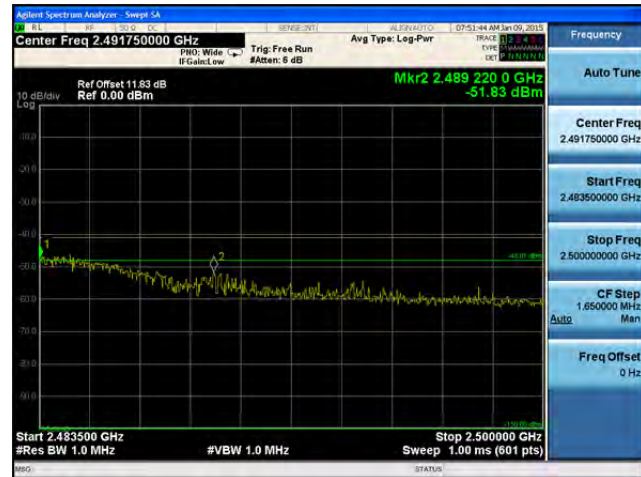
**Antenna A**



**Antenna B**



**Antenna C**

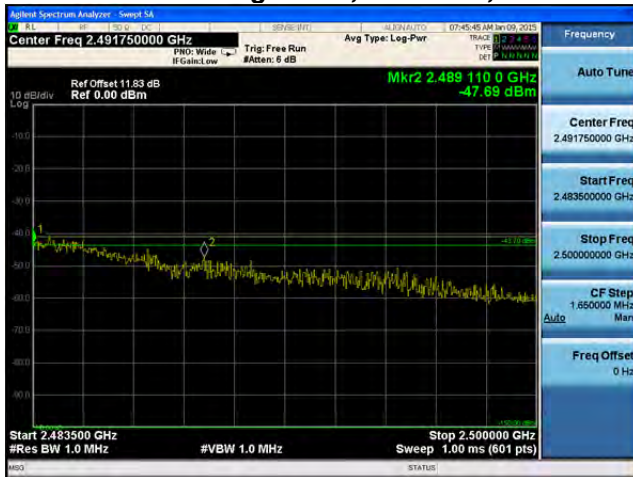


**Antenna D**

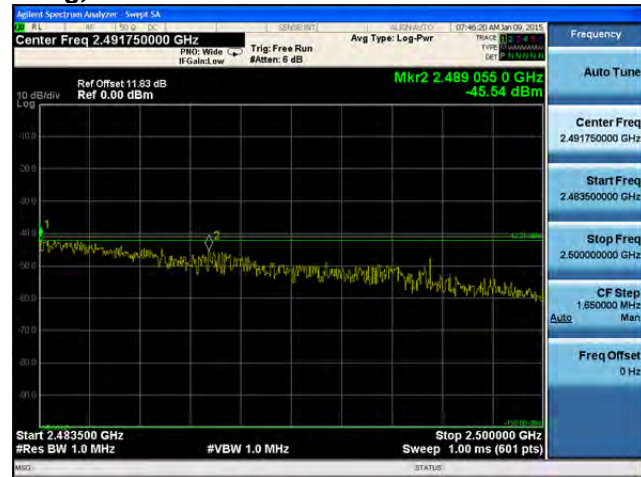




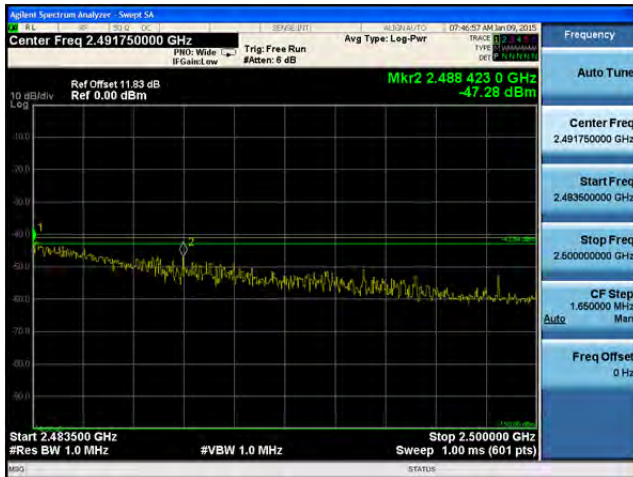
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



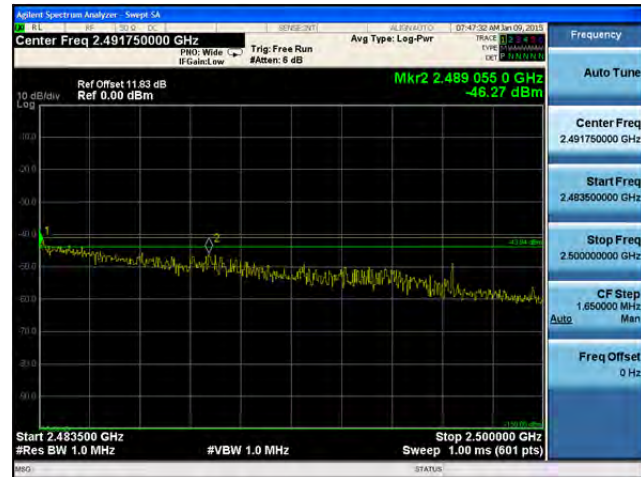
**Antenna A**



**Antenna B**



**Antenna C**

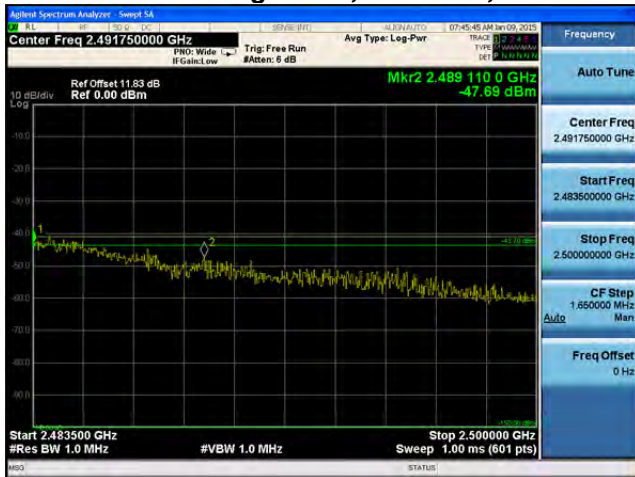


**Antenna D**





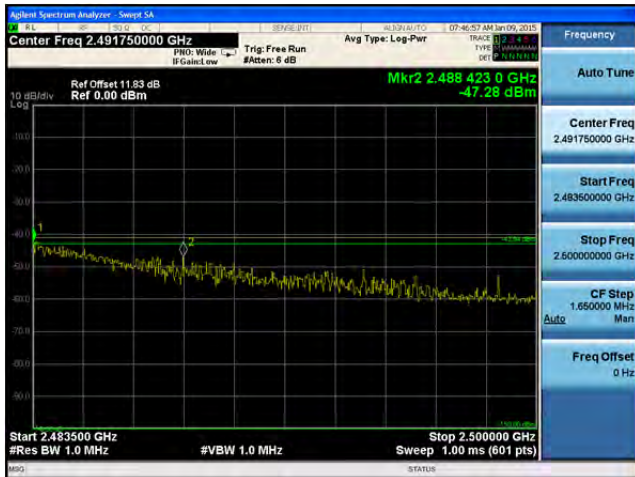
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



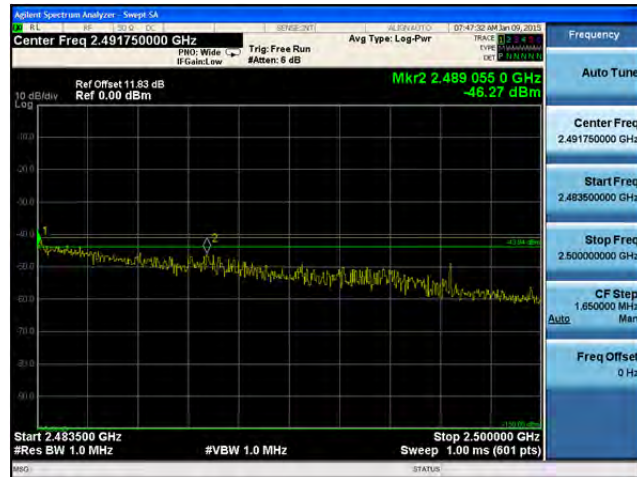
**Antenna A**



**Antenna B**



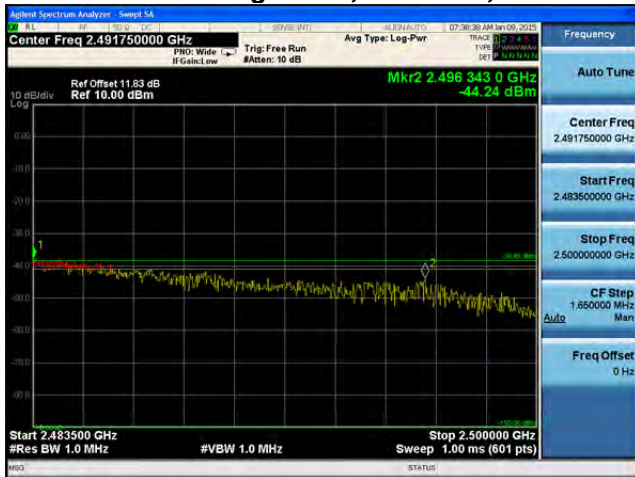
**Antenna C**



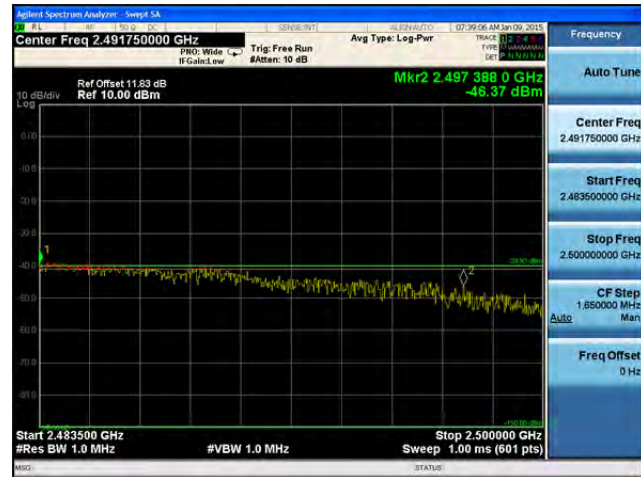
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



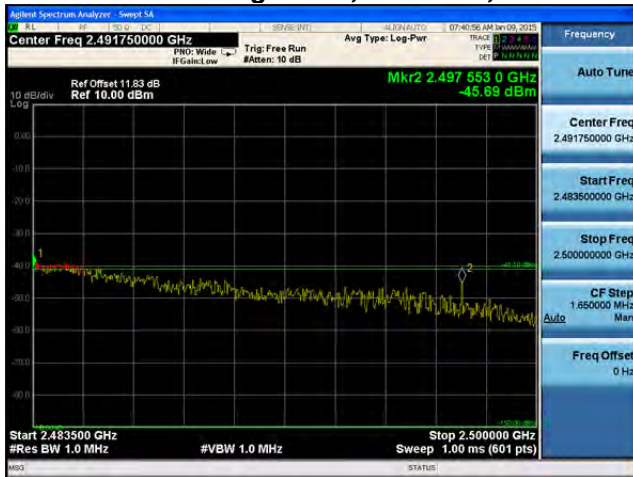
**Antenna A**



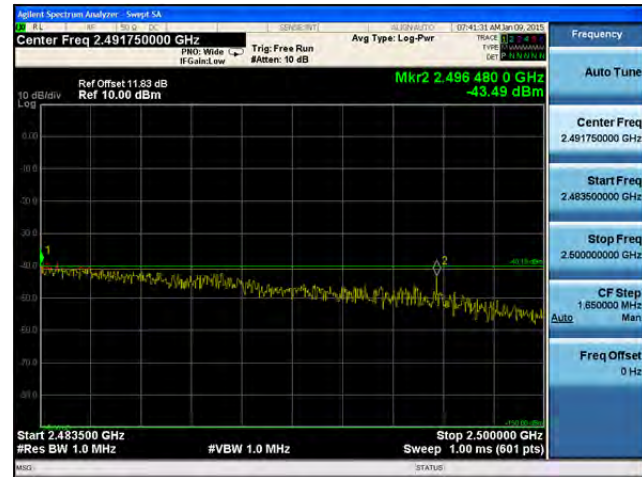
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



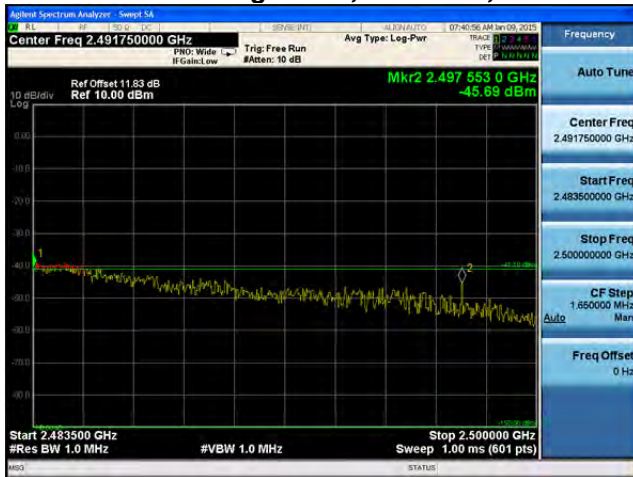
**Antenna B**



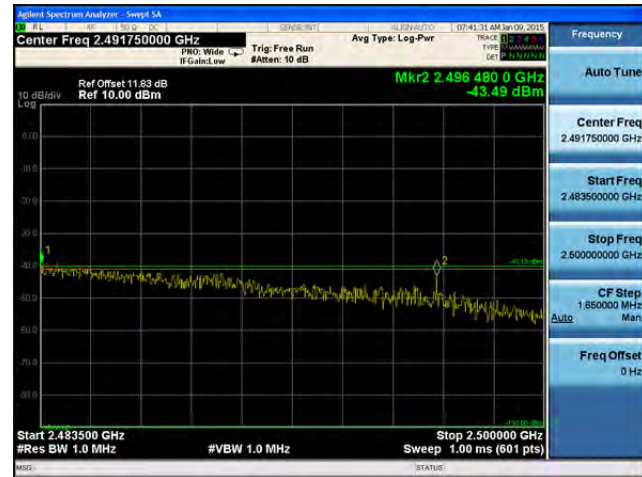
**Antenna C**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



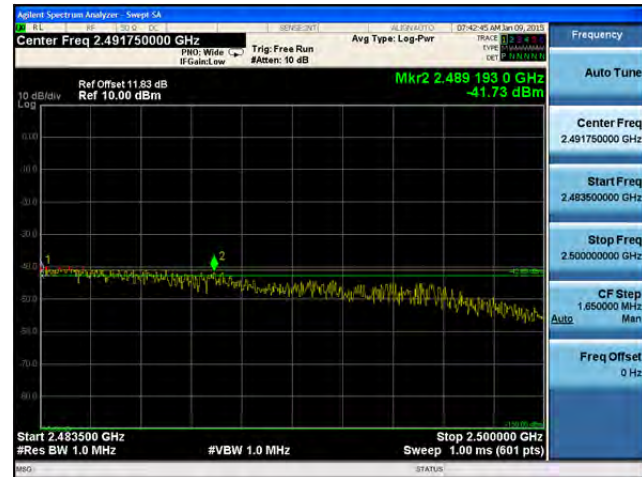
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





Antenna Gain 8

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
2412	CCK, 1 to 11 Mbps	1	8	-42.0				-34.0	-27	7.0
	CCK, 1 to 11 Mbps	2	8	-42.0	-41.3			-30.6	-27	3.6
	CCK, 1 to 11 Mbps	3	8	-42.2	-41.0	-40.2		-28.3	-27	1.3
	CCK, 1 to 11 Mbps	4	8	-40.4	-42.2	-41.2	-43.0	-27.6	-27	0.6
	Non HT-20, 6 to 54 Mbps	1	8	-39.8				-31.8	-27	4.8
	Non HT-20, 6 to 54 Mbps	2	8	-39.8	-40.7			-29.2	-27	2.2
	Non HT-20, 6 to 54 Mbps	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	Non HT-20, 6 to 54 Mbps	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	11	-41.4	-40.7			-27.0	-27	0.0
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	13	-44.2	-44.9	-45.2		-27.2	-27	0.2
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	14	-45.8	-48.1	-46.1	-51.7	-27.4	-27	0.4
	HT-20, M0 to M7	1	8	-40.0				-32.0	-27	5.0
	HT-20, M0 to M7	2	8	-40.3	-37.8			-27.9	-27	0.9
	HT-20, M8 to M15	2	8	-40.3	-37.8			-27.9	-27	0.9
	HT-20, M0 to M7	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	HT-20, M8 to M15	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	HT-20, M16 to M23	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	HT-20, M0 to M7	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1
	HT-20, M8 to M15	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1
	HT-20, M16 to M23	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1
	HT-20 Beam Forming, M0 to M7	2	11	-41.4	-40.7			-27.0	-27	0.0
	HT-20 Beam Forming, M8 to M15	2	8	-40.3	-37.8			-27.9	-27	0.9
	HT-20 Beam Forming, M0 to M7	3	13	-44.2	-44.9	-45.2		-27.2	-27	0.2
	HT-20 Beam Forming, M8 to M15	3	10	-41.4	-40.7	-43.5		-27.1	-27	0.1
	HT-20 Beam Forming, M16 to M23	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	HT-20 Beam Forming, M0 to M7	4	14	-45.8	-48.1	-46.1	-51.7	-27.4	-27	0.4
	HT-20 Beam Forming, M8 to M15	4	11	-42.8	-42.1	-44.8	-50.6	-27.1	-27	0.1
	HT-20 Beam Forming, M16 to M23	4	9	-41.4	-40.7	-43.5	-48.3	-27.4	-27	0.4
	HT-20 STBC, M0 to M7	2	8	-40.3	-37.8			-27.9	-27	0.9
	HT-20 STBC, M0 to M7	3	8	-40.3	-37.8	-42.8		-27.1	-27	0.1
	HT-20 STBC, M0 to M7	4	8	-40.9	-39.8	-43.3	-49.9	-28.1	-27	1.1



2462	CCK, 1 to 11 Mbps	1	8	-42.0				-34.0	-27	7.0
	CCK, 1 to 11 Mbps	2	8	-42.0	-41.5			-30.7	-27	3.7
	CCK, 1 to 11 Mbps	3	8	-45.0	-44.0	-43.3		-31.3	-27	4.3
	CCK, 1 to 11 Mbps	4	8	-46.9	-45.9	-45.2	-46.7	-32.1	-27	5.1
	Non HT-20, 6 to 54 Mbps	1	8	-38.9				-30.9	-27	3.9
	Non HT-20, 6 to 54 Mbps	2	8	-41.8	-43.5			-31.6	-27	4.6
	Non HT-20, 6 to 54 Mbps	3	8	-41.8	-43.5	-41.0		-29.2	-27	2.2
	Non HT-20, 6 to 54 Mbps	4	8	-42.2	-42.4	-42.6	-43.2	-28.6	-27	1.6
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	11	-42.2	-42.4			-28.3	-27	1.3
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	13	-46.2	-46.0	-47.7		-29.0	-27	2.0
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	14	-50.7	-47.4	-52.0	-47.8	-29.0	-27	2.0
	HT-20, M0 to M7	1	8	-38.5				-30.5	-27	3.5
	HT-20, M0 to M7	2	8	-41.1	-40.2			-29.6	-27	2.6
	HT-20, M8 to M15	2	8	-41.1	-40.2			-29.6	-27	2.6
	HT-20, M0 to M7	3	8	-43.7	-42.2	-42.9		-30.1	-27	3.1
	HT-20, M8 to M15	3	8	-43.7	-42.2	-42.9		-30.1	-27	3.1
	HT-20, M16 to M23	3	8	-43.7	-42.2	-42.9		-30.1	-27	3.1
	HT-20, M0 to M7	4	8	-43.7	-42.2	-42.9	-43.9	-29.1	-27	2.1
	HT-20, M8 to M15	4	8	-43.7	-42.2	-42.9	-43.9	-29.1	-27	2.1
	HT-20, M16 to M23	4	8	-43.7	-42.2	-42.9	-43.9	-29.1	-27	2.1
	HT-20 Beam Forming, M0 to M7	2	11	-43.7	-42.2			-28.9	-27	1.9
	HT-20 Beam Forming, M8 to M15	2	8	-41.1	-40.2			-29.6	-27	2.6
	HT-20 Beam Forming, M0 to M7	3	13	-45.8	-45.4	-46.2		-28.2	-27	1.2
	HT-20 Beam Forming, M8 to M15	3	10	-43.7	-42.2	-42.9		-28.3	-27	1.3
	HT-20 Beam Forming, M16 to M23	3	8	-43.7	-42.2	-42.9		-30.1	-27	3.1
	HT-20 Beam Forming, M0 to M7	4	14	-48.3	-45.3	-48.7	-47.7	-27.3	-27	0.3
	HT-20 Beam Forming, M8 to M15	4	11	-44.6	-44.7	-43.7	-46.1	-27.7	-27	0.7
	HT-20 Beam Forming, M16 to M23	4	9	-43.7	-42.2	-42.9	-43.9	-27.9	-27	0.9
	HT-20 STBC, M0 to M7	2	8	-41.1	-40.2			-29.6	-27	2.6
	HT-20 STBC, M0 to M7	3	8	-43.7	-42.2	-42.9		-30.1	-27	3.1
HT-20 STBC, M0 to M7	4	8	-43.7	-42.2	-42.9	-43.9	-29.1	-27	2.1	



**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



### Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps



Antenna A

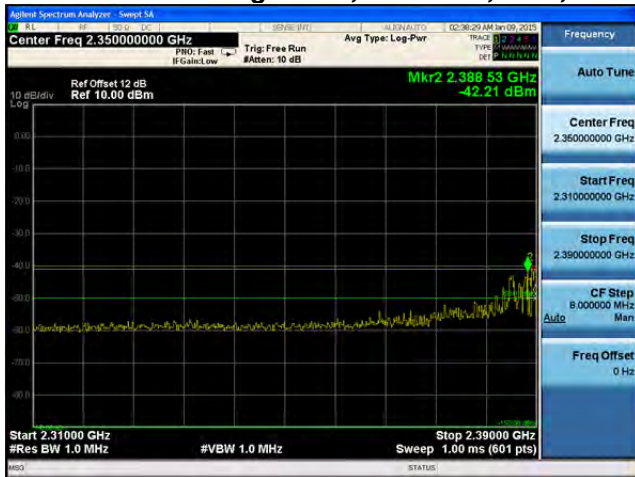


Antenna B

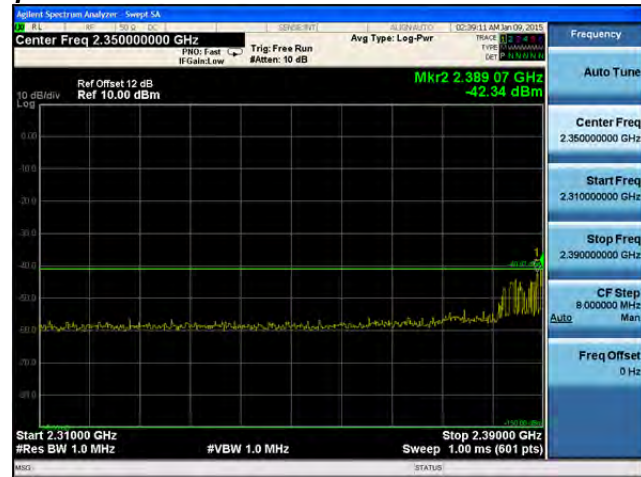




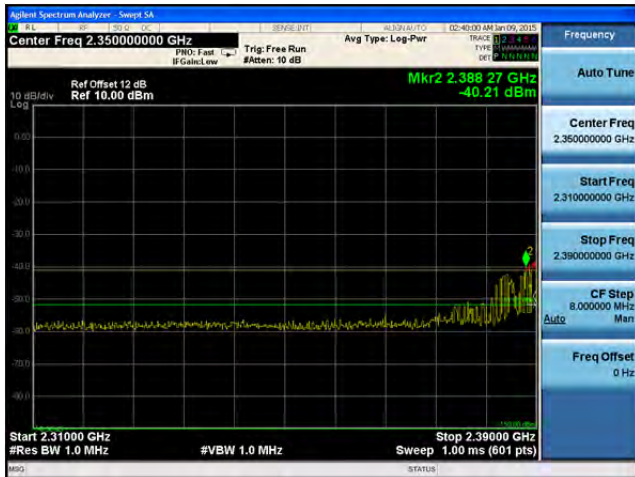
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



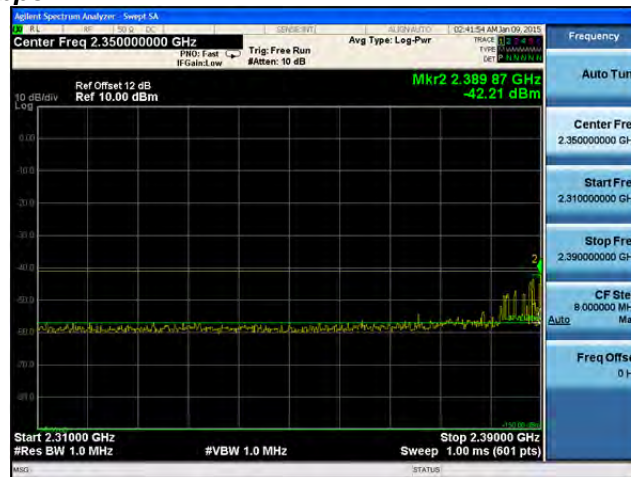
**Antenna C**



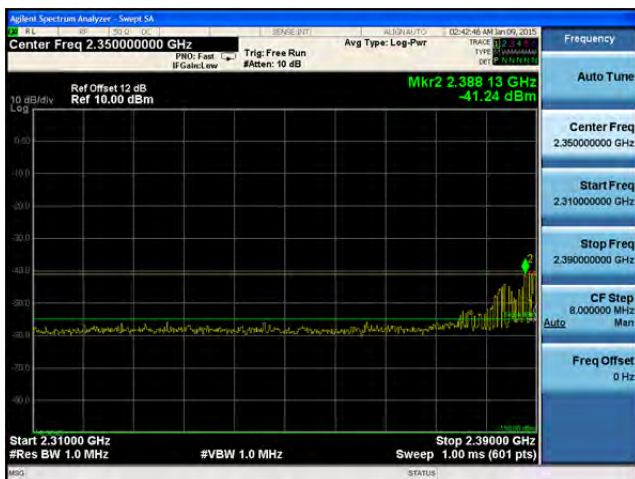
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



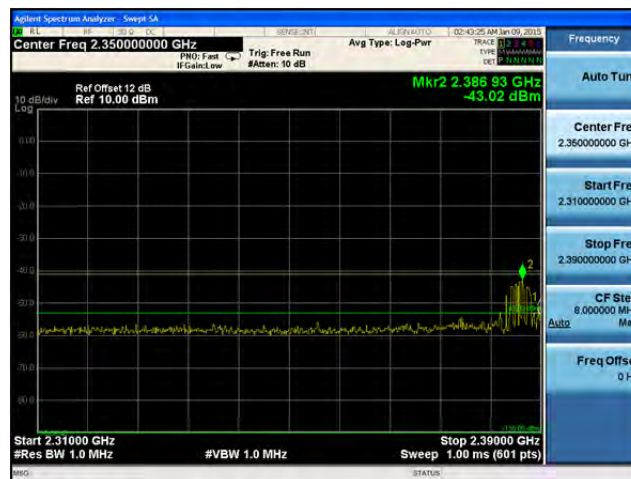
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**

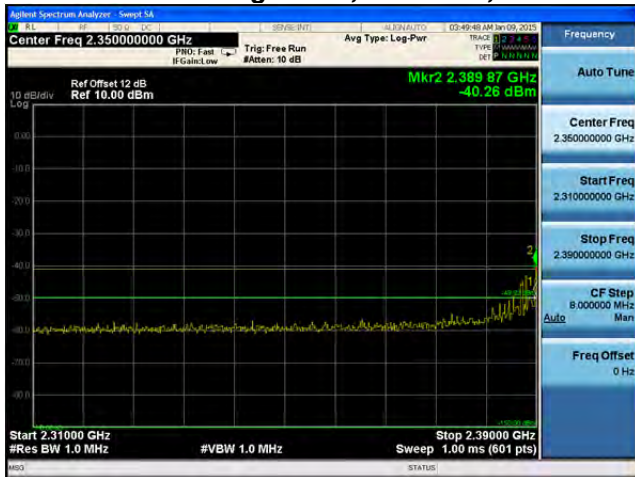


**Antenna B**

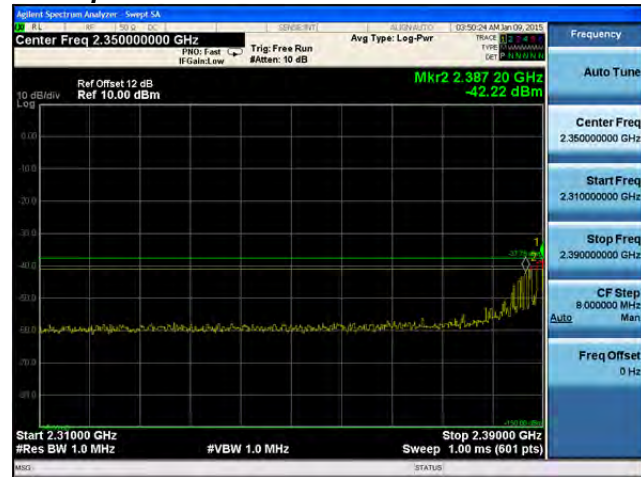




**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



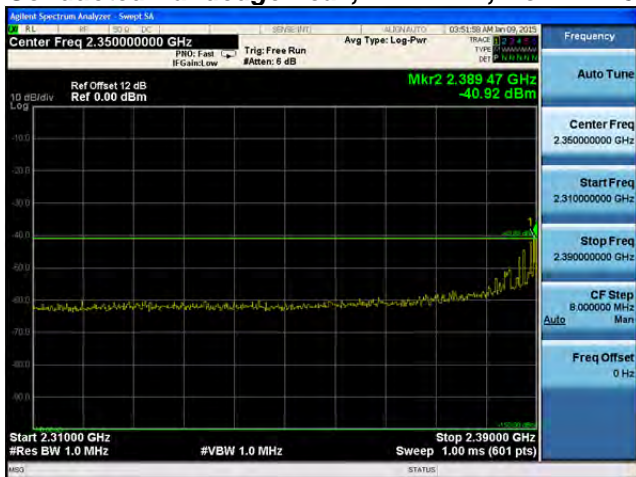
**Antenna B**



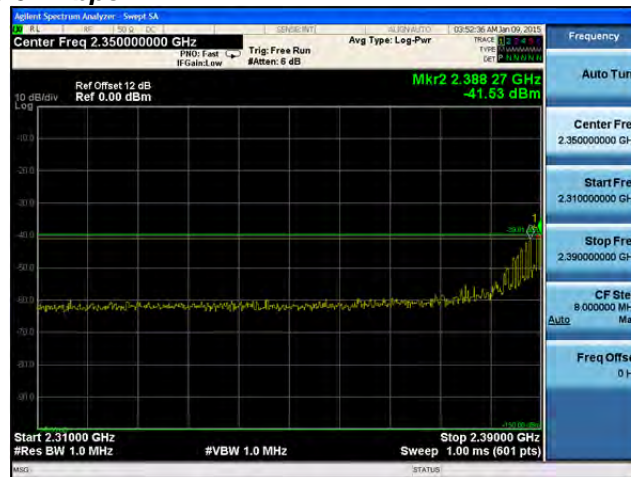
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



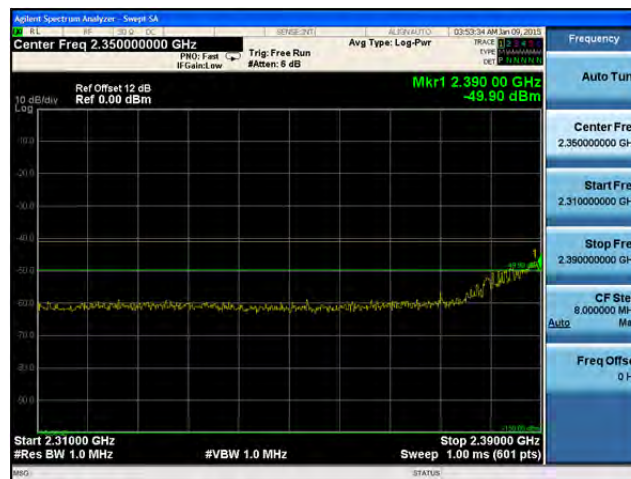
**Antenna A**



**Antenna B**



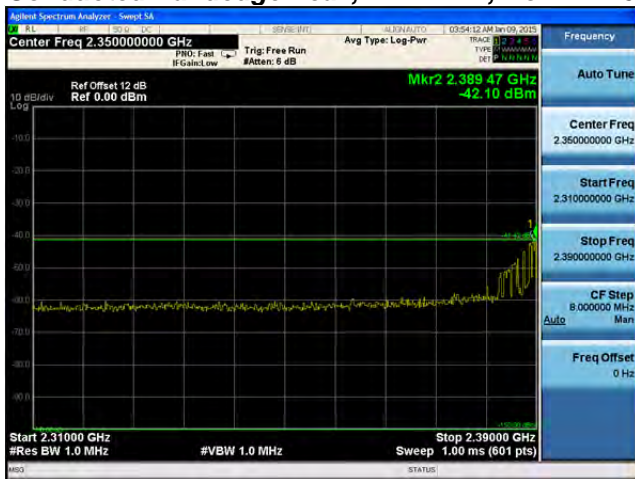
**Antenna C**



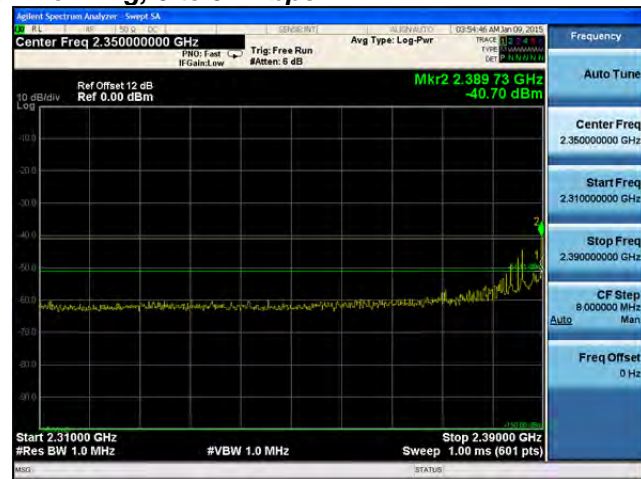
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



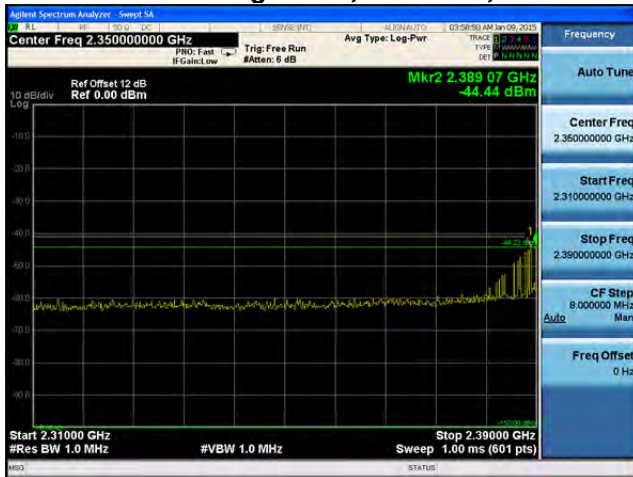
**Antenna A**



**Antenna B**



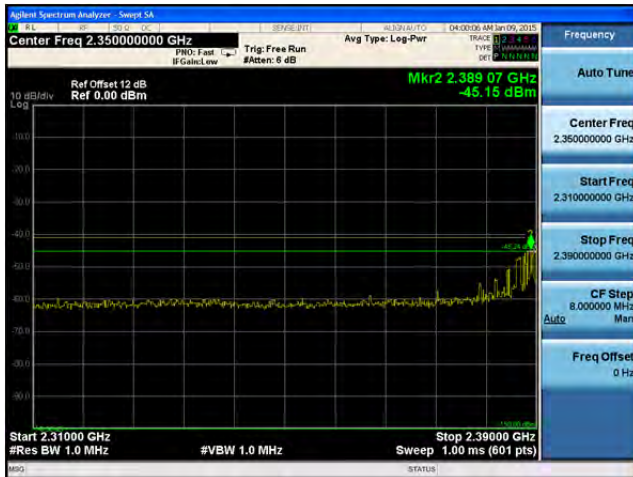
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**

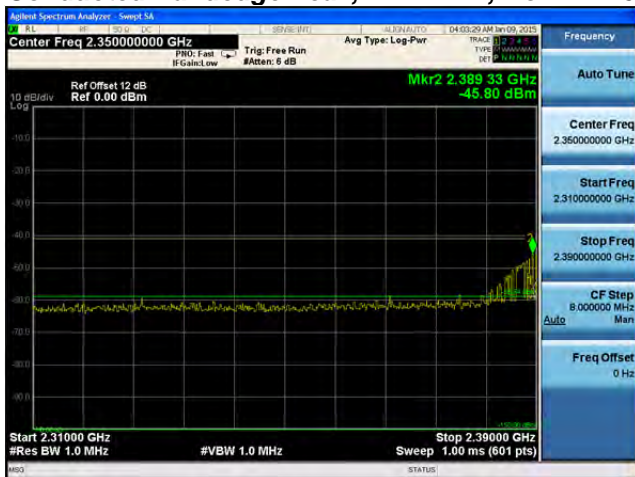


**Antenna C**

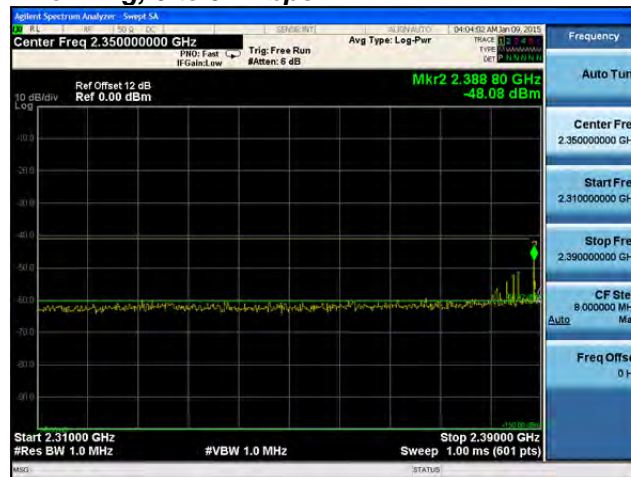




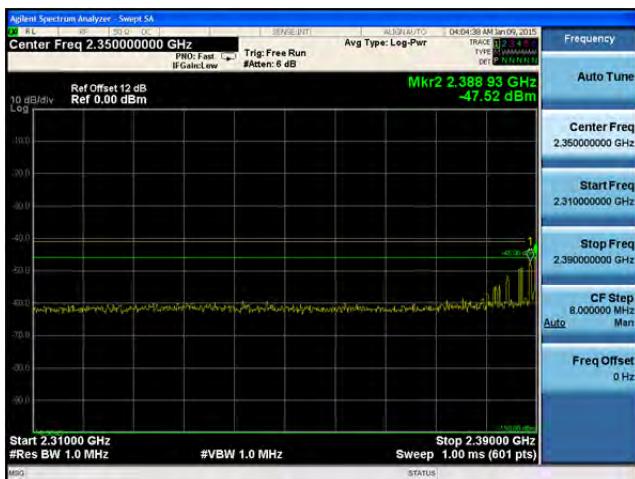
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



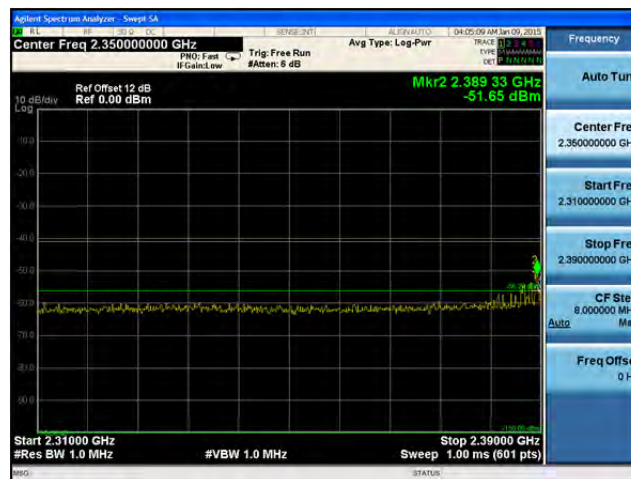
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



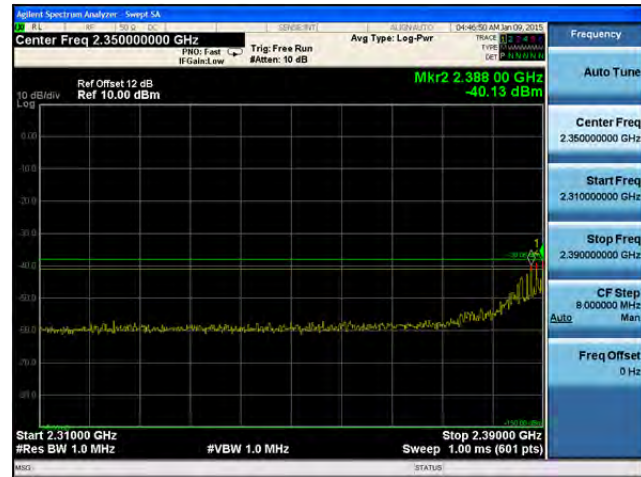
**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



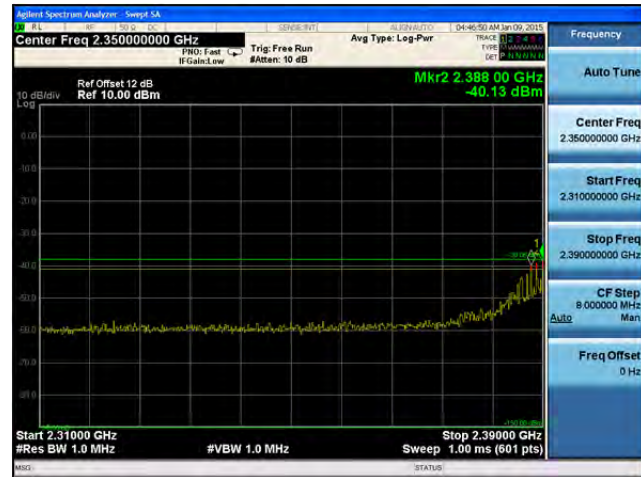
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**

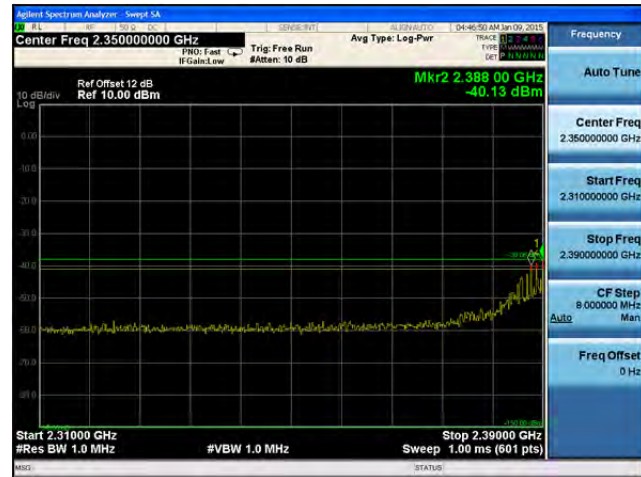




**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



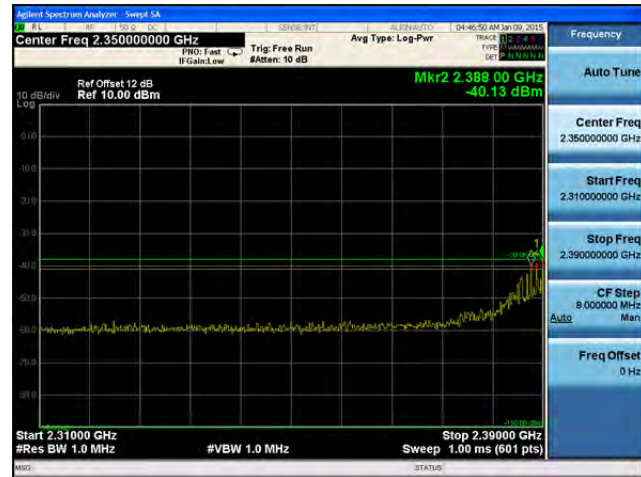
**Antenna C**



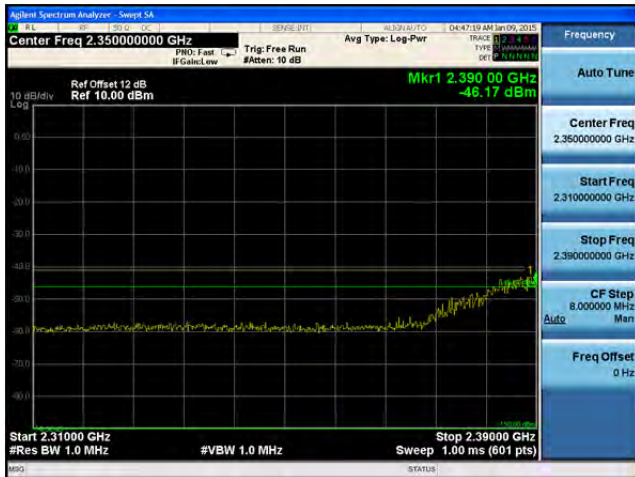
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



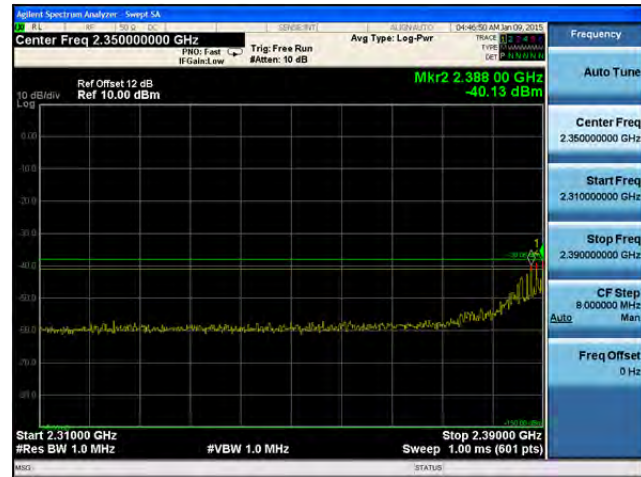
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



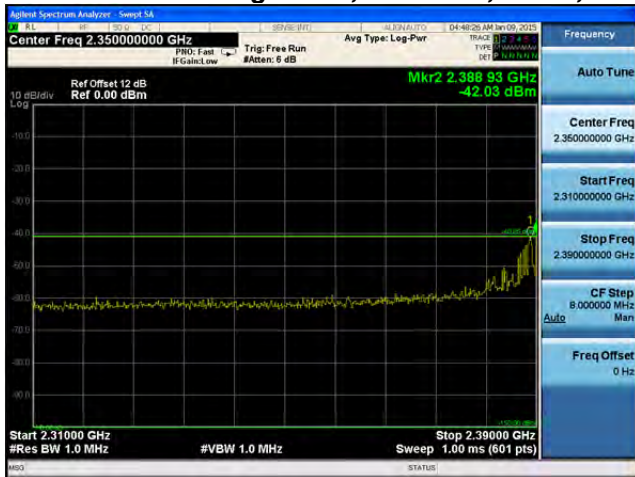
**Antenna B**



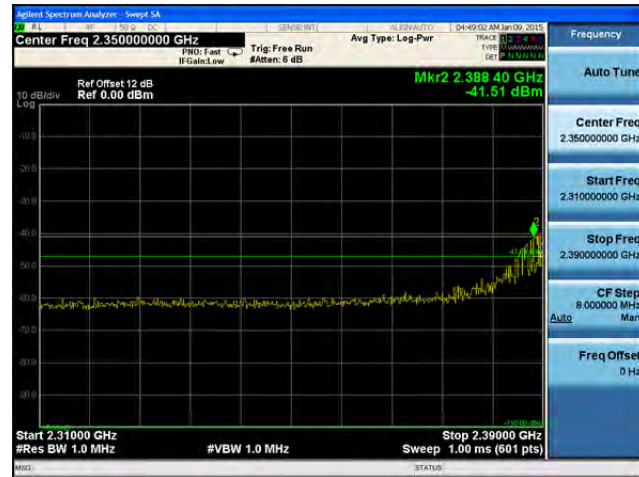
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



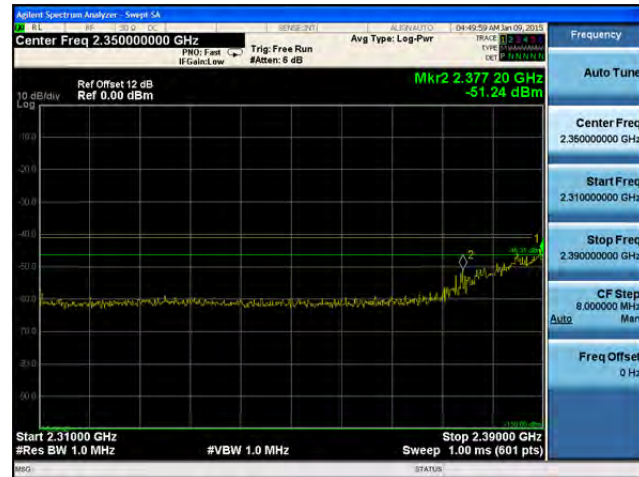
**Antenna A**



**Antenna B**



**Antenna C**

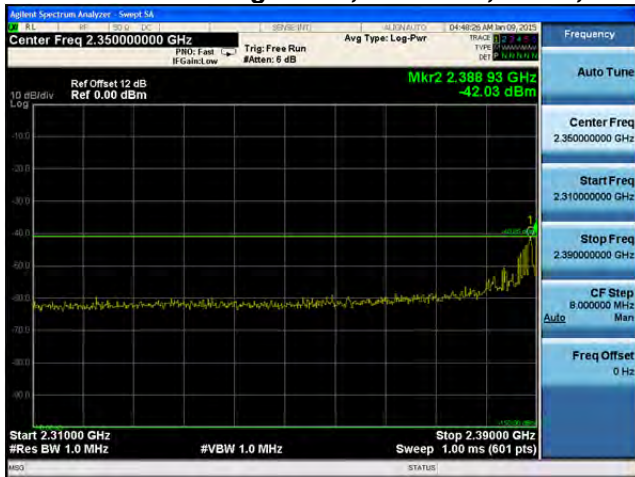


**Antenna D**





**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



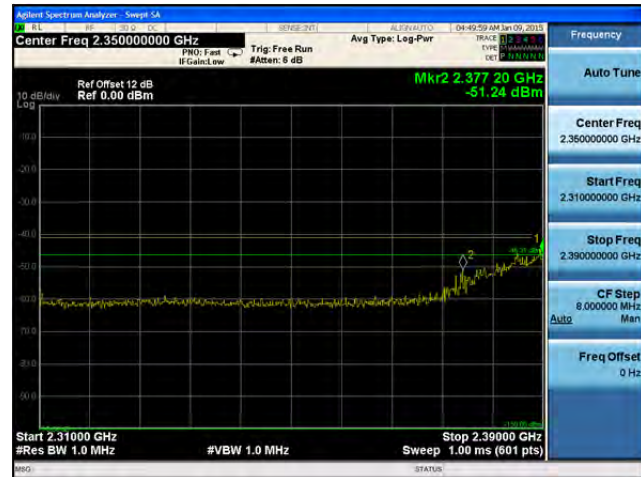
**Antenna A**



**Antenna B**



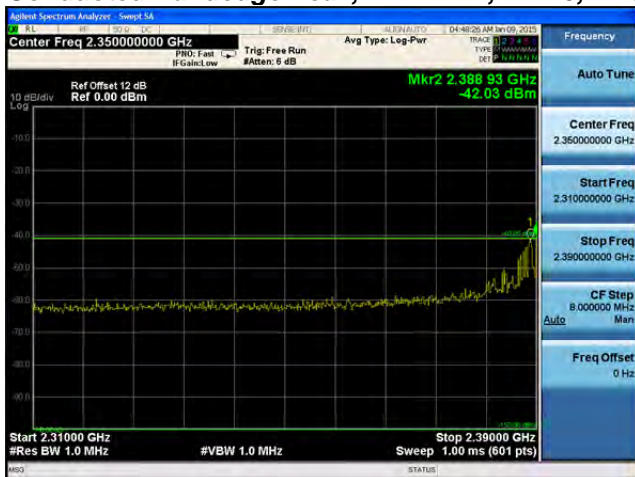
**Antenna C**



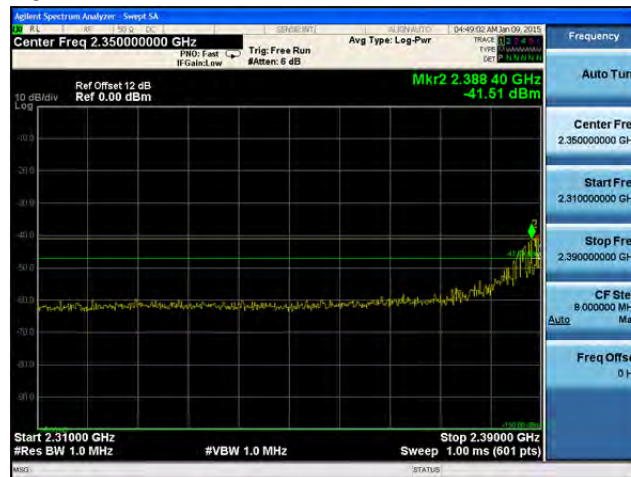
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



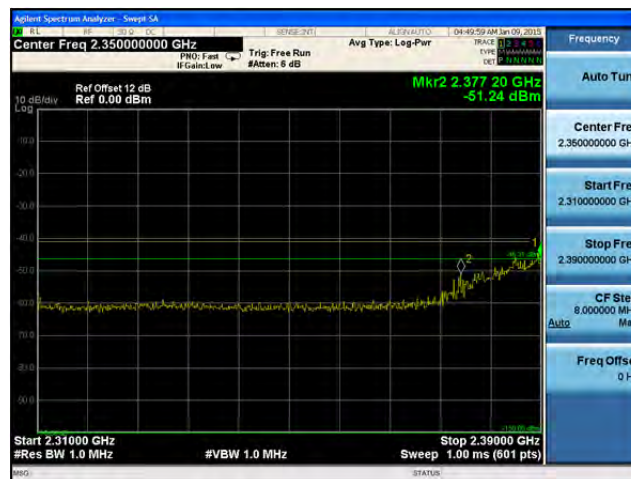
**Antenna A**



**Antenna B**



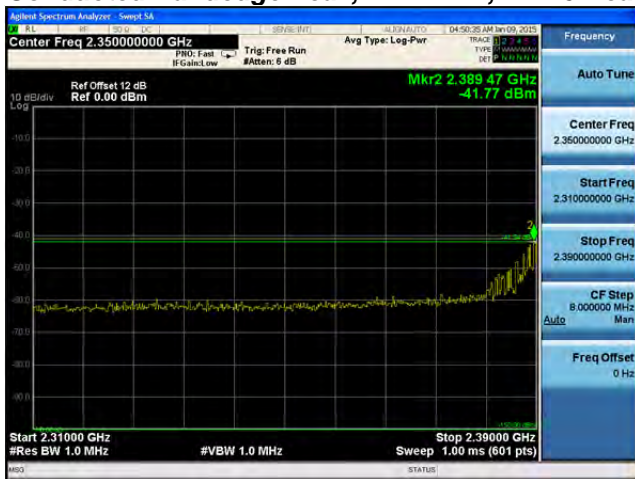
**Antenna C**



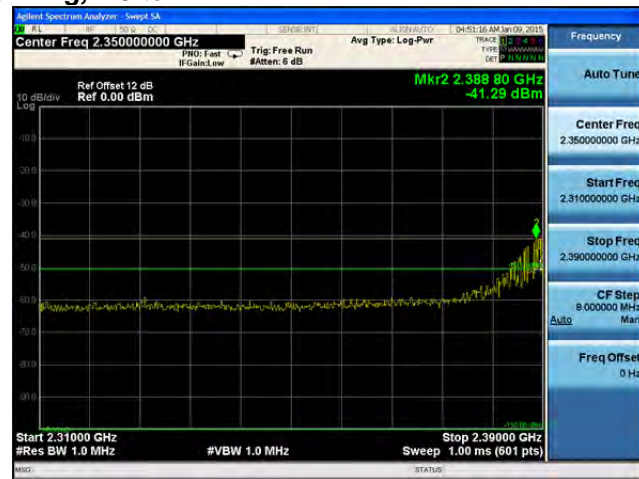
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



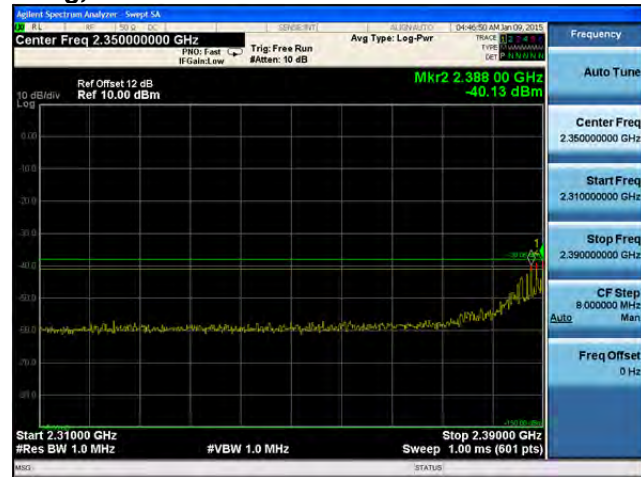
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**

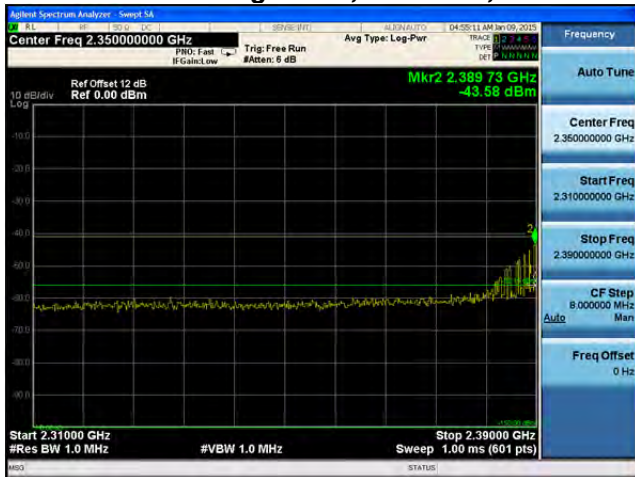


**Antenna B**

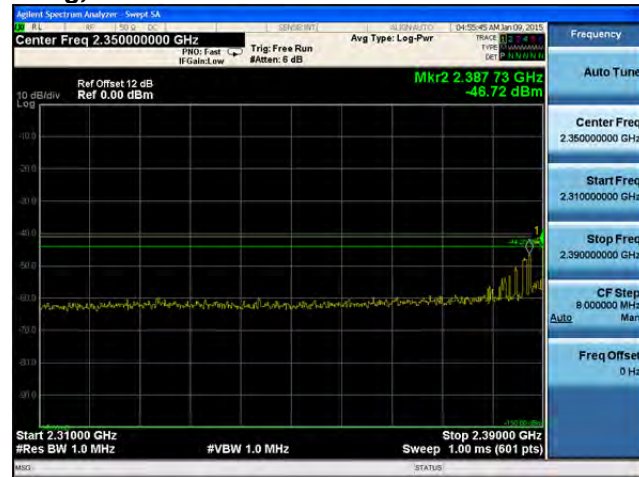




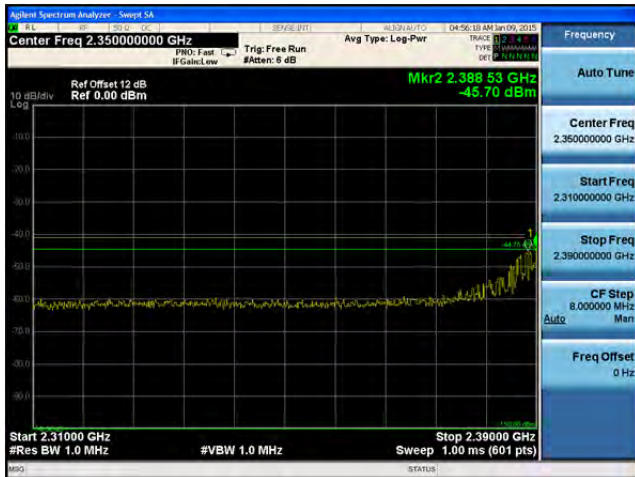
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



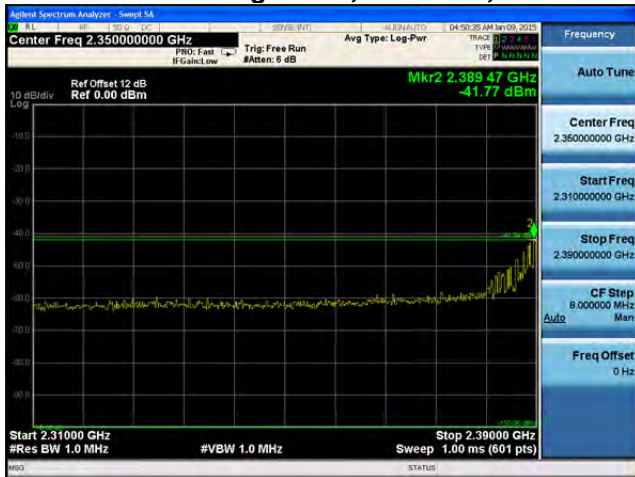
**Antenna B**



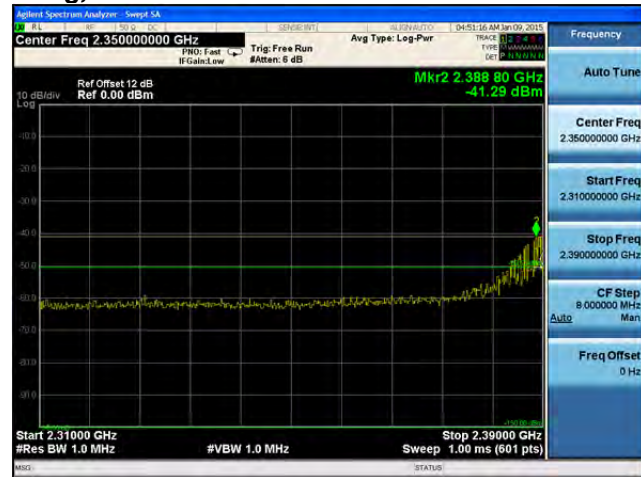
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



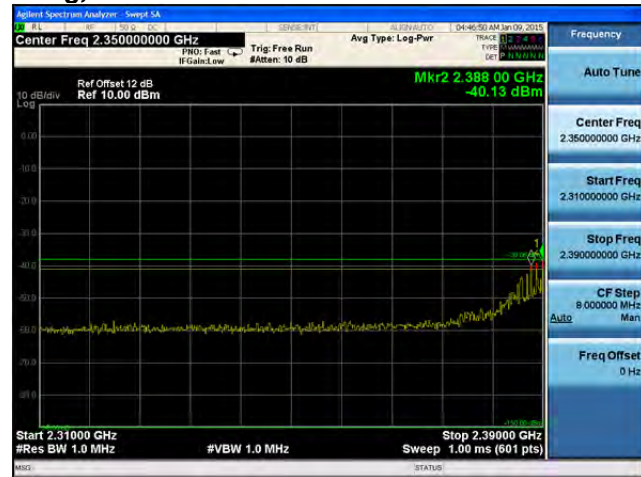
**Antenna C**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



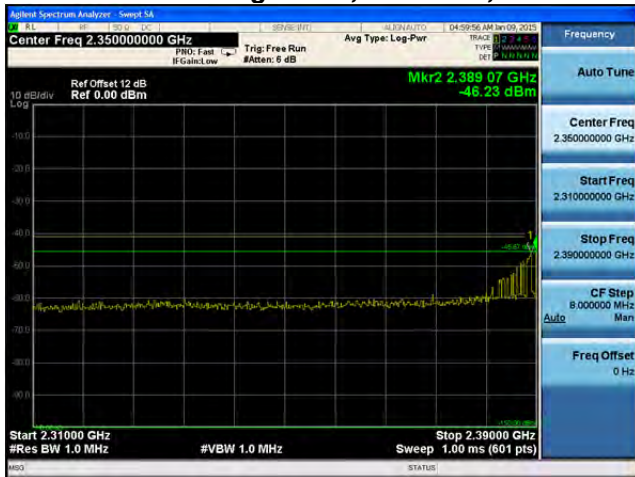
**Antenna B**



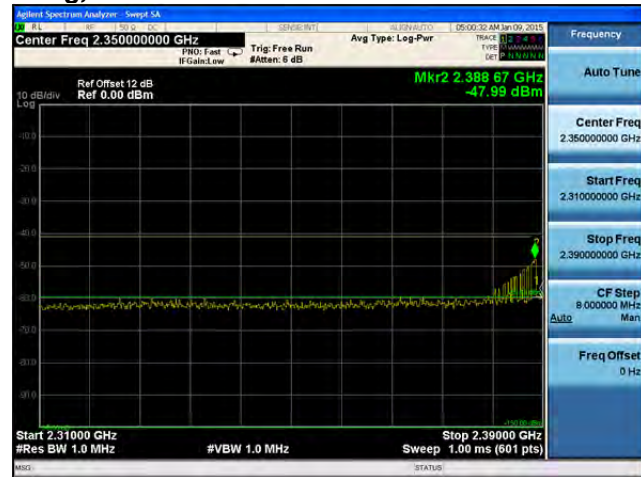
**Antenna C**



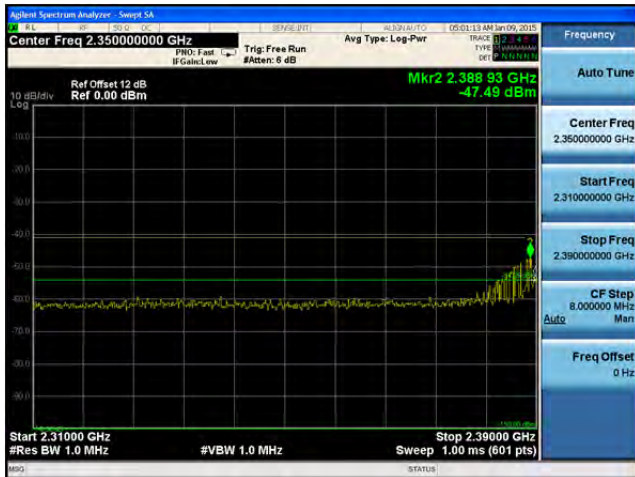
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



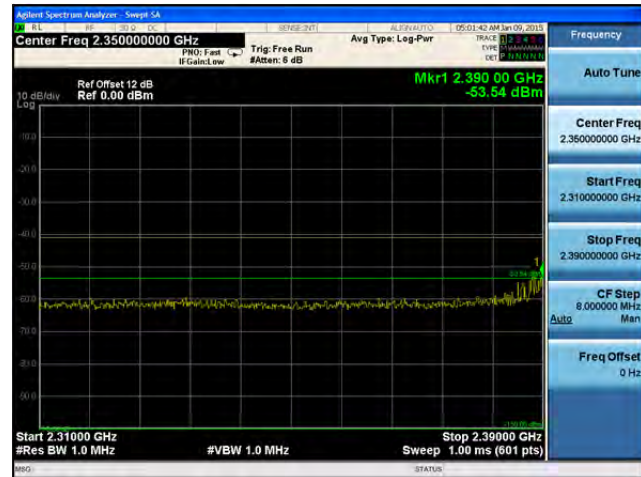
**Antenna A**



**Antenna B**



**Antenna C**

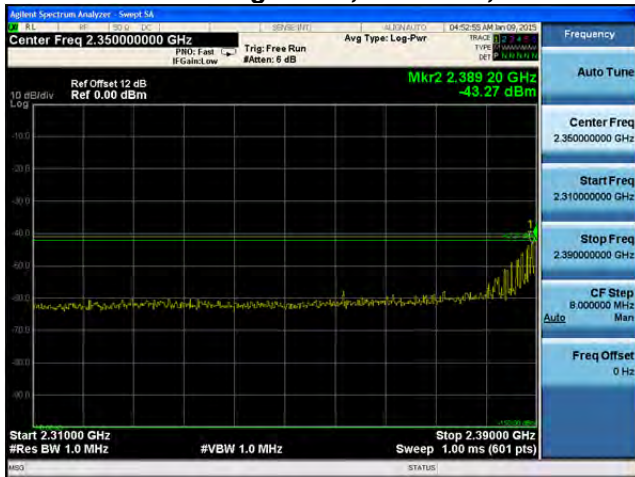


**Antenna D**

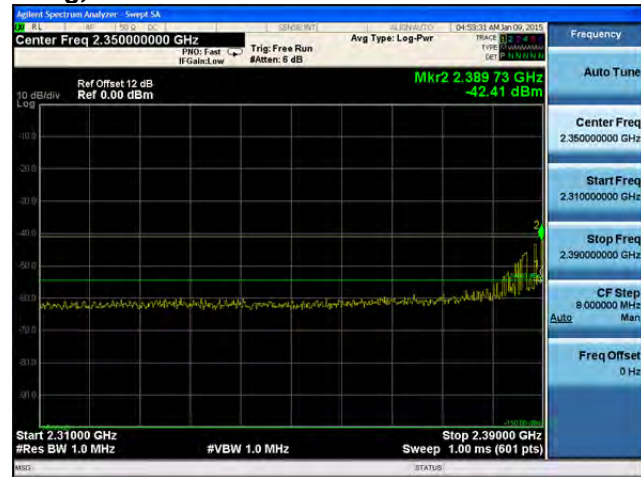




**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



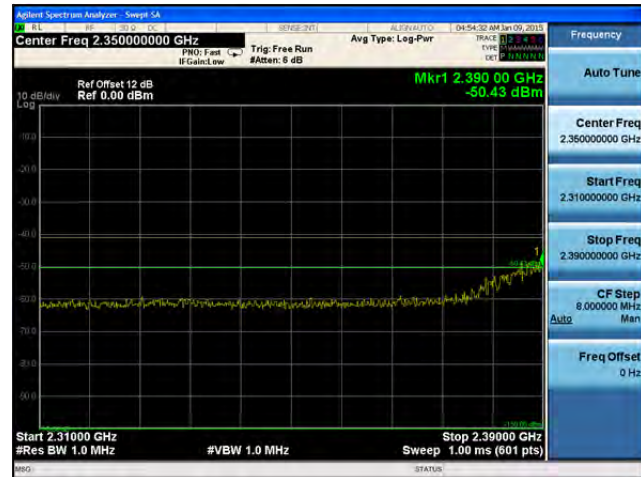
**Antenna A**



**Antenna B**



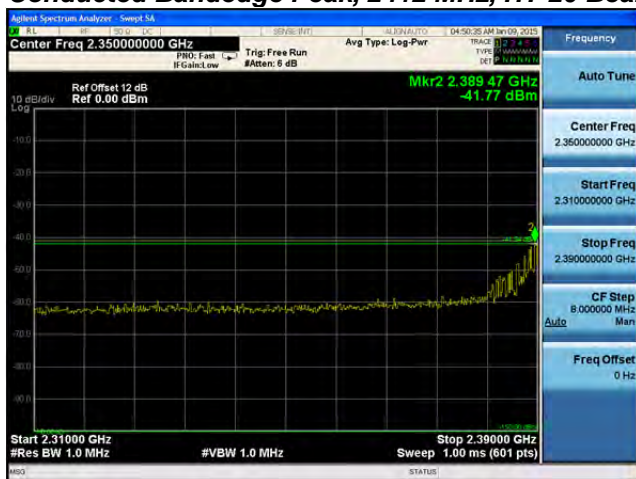
**Antenna C**



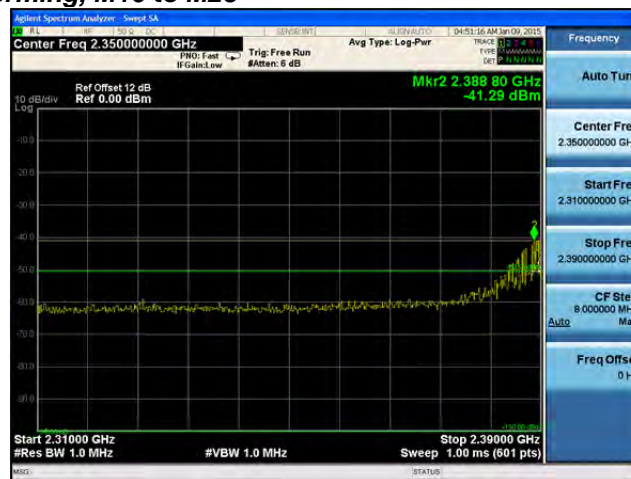
**Antenna D**



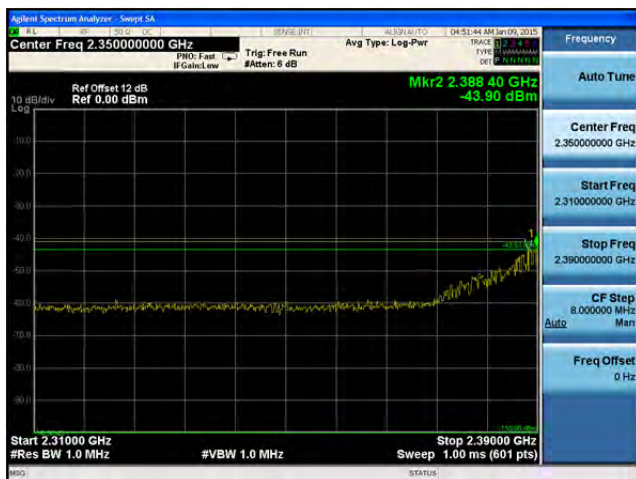
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



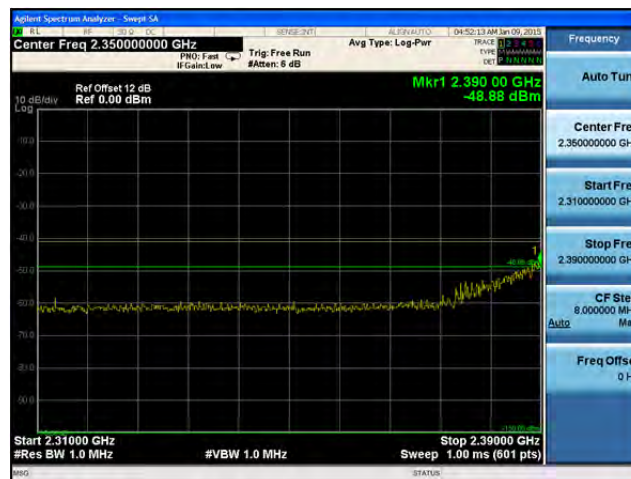
**Antenna A**



**Antenna B**



**Antenna C**



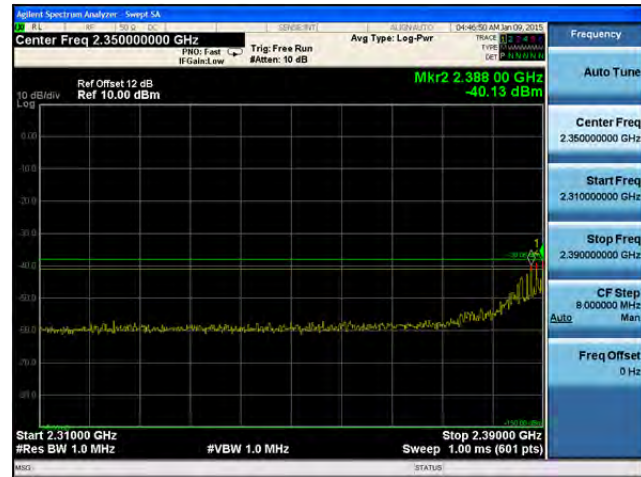
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



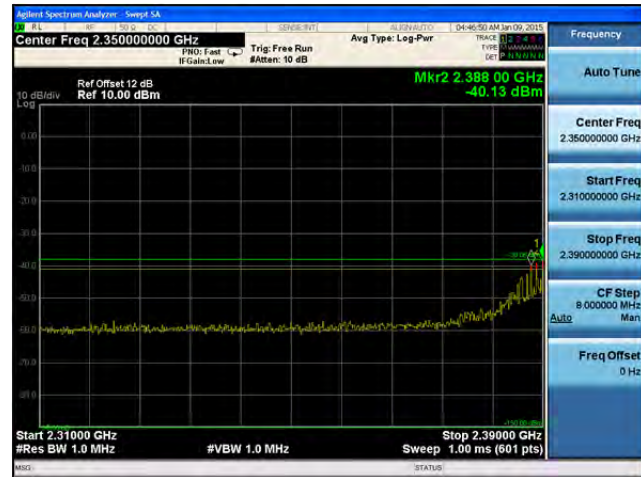
**Antenna B**



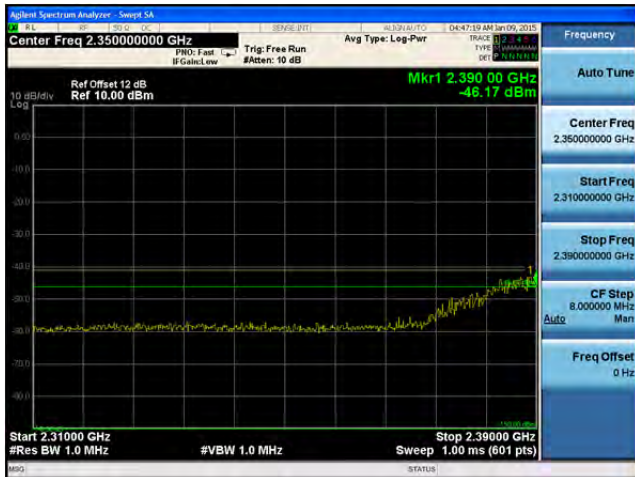
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**

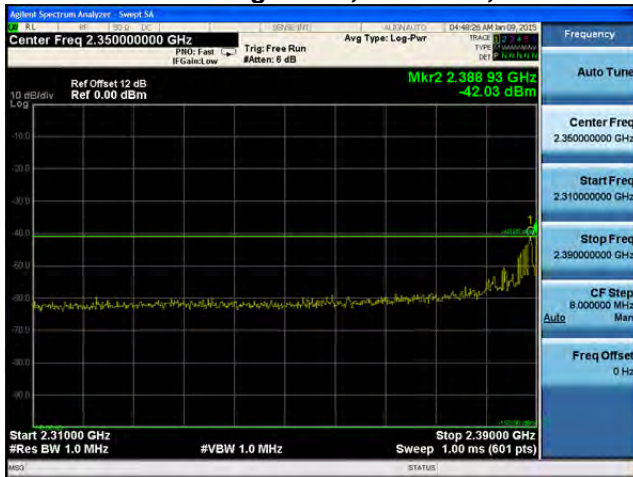


**Antenna C**





**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



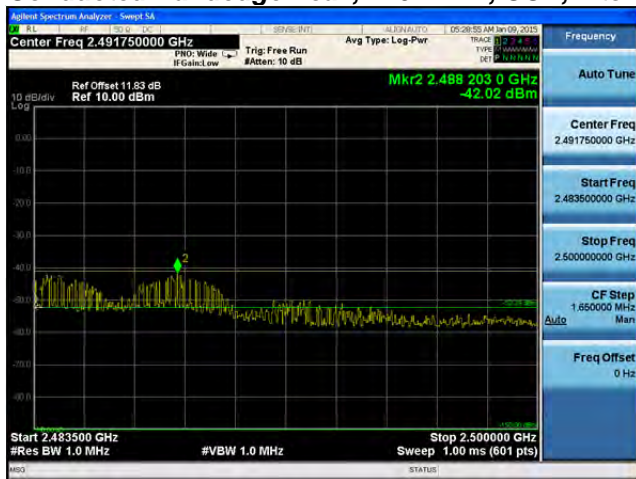
**Antenna C**



**Antenna D**



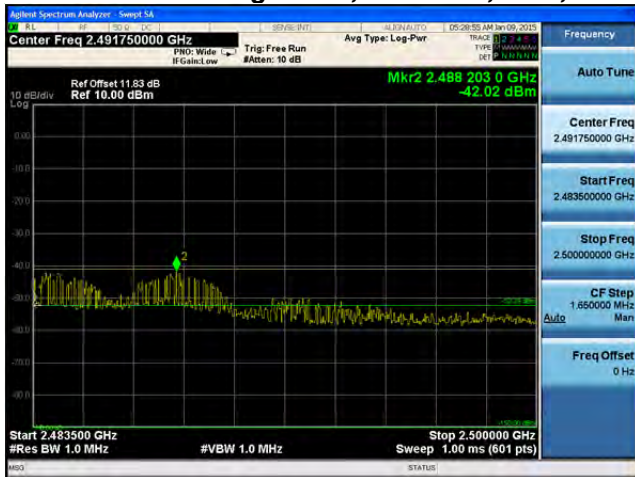
**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



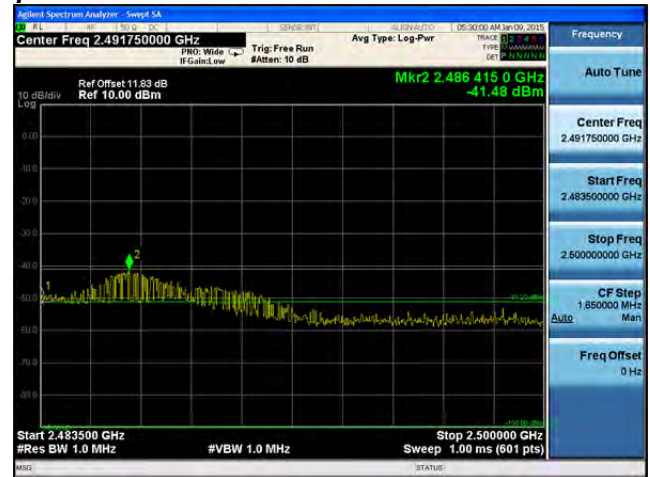
**Antenna A**



### Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps



Antenna A



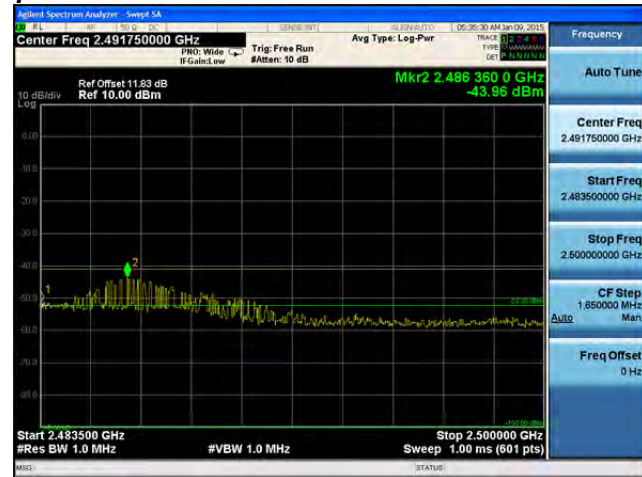
Antenna B



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**

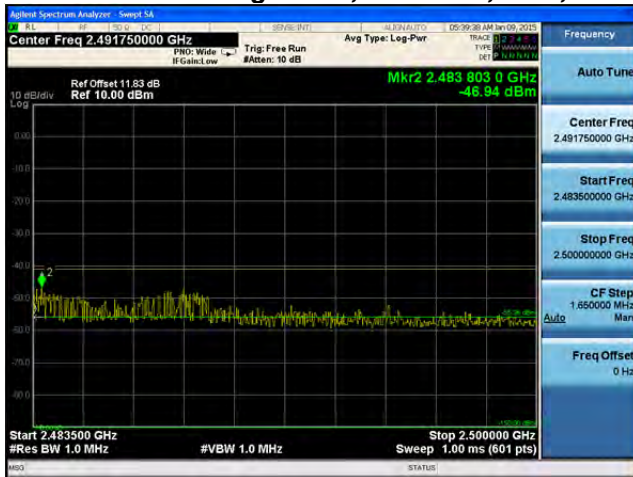


**Antenna C**

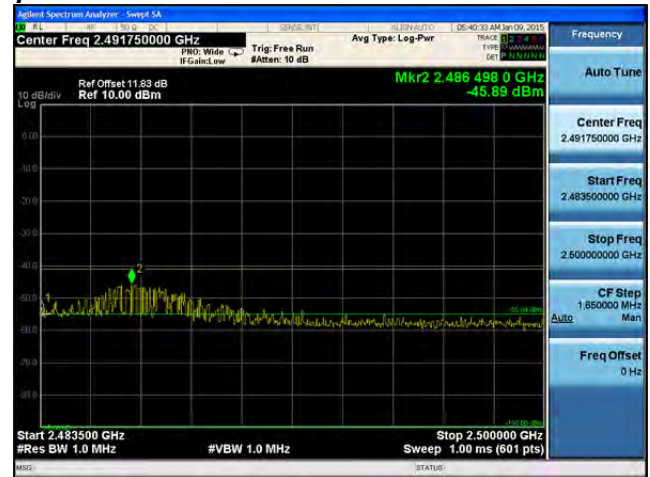




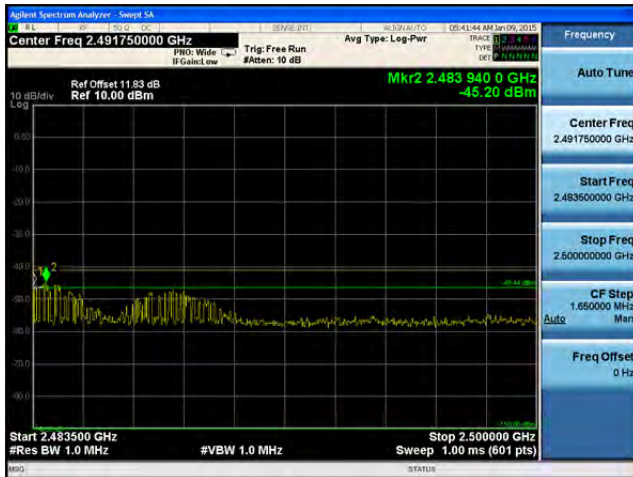
**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



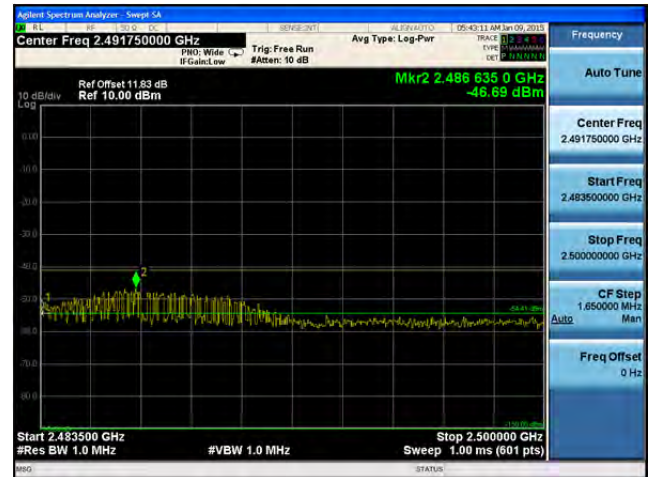
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



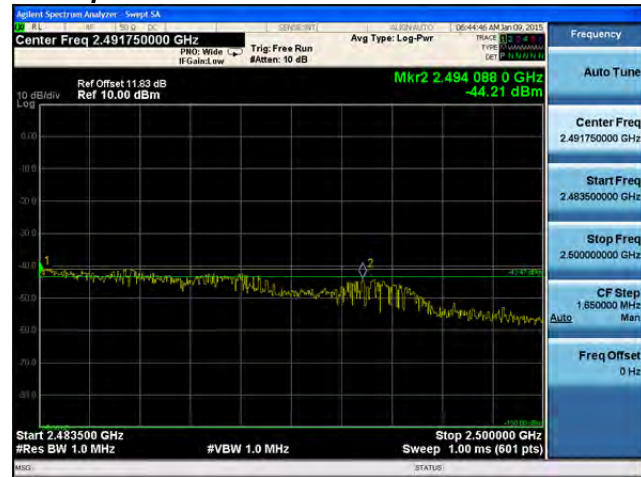
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



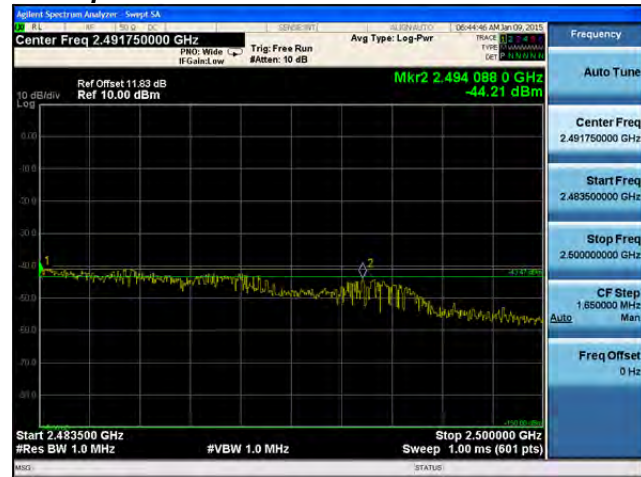
**Antenna B**



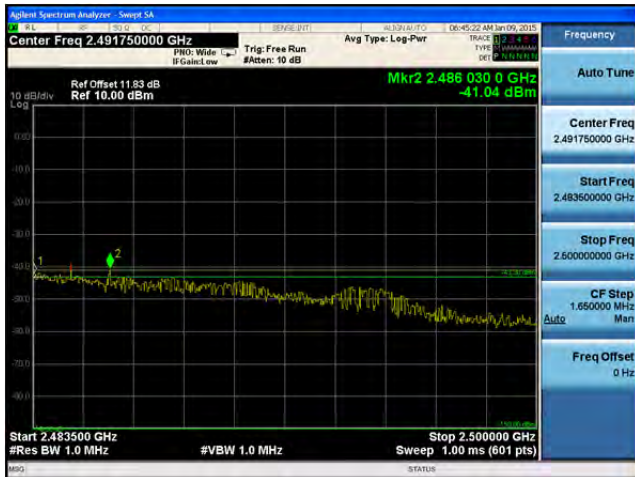
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**

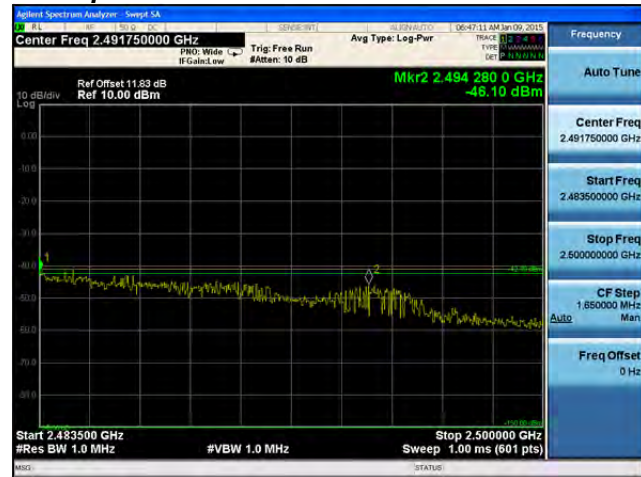




**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



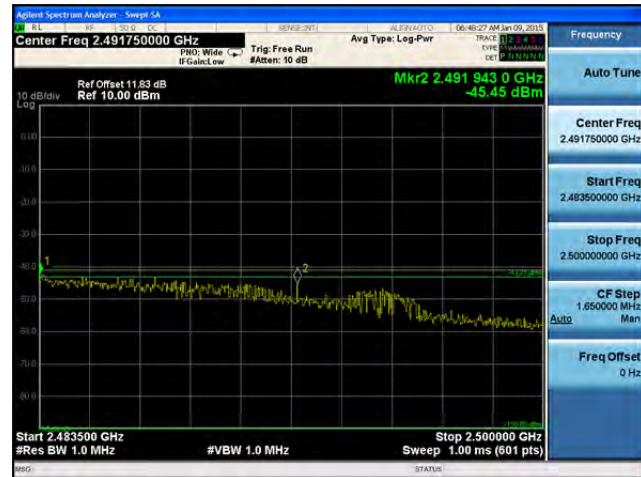
**Antenna A**



**Antenna B**



**Antenna C**



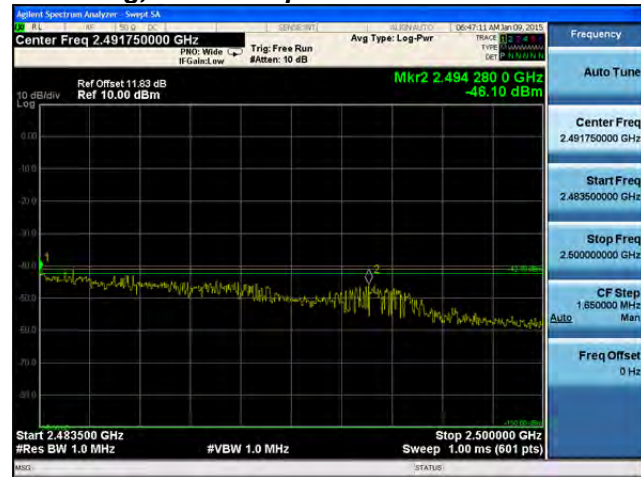
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



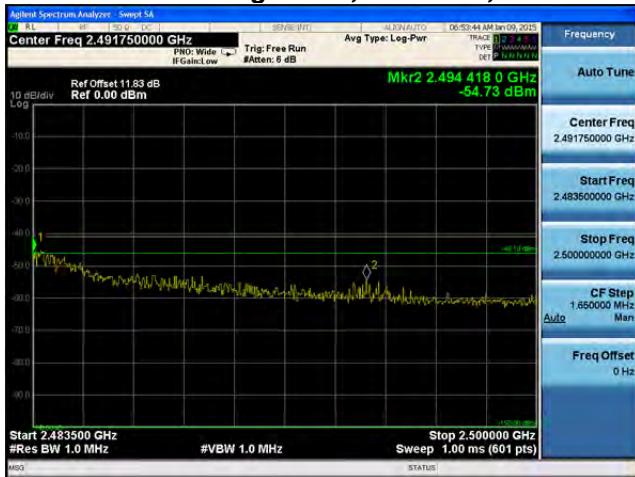
**Antenna A**



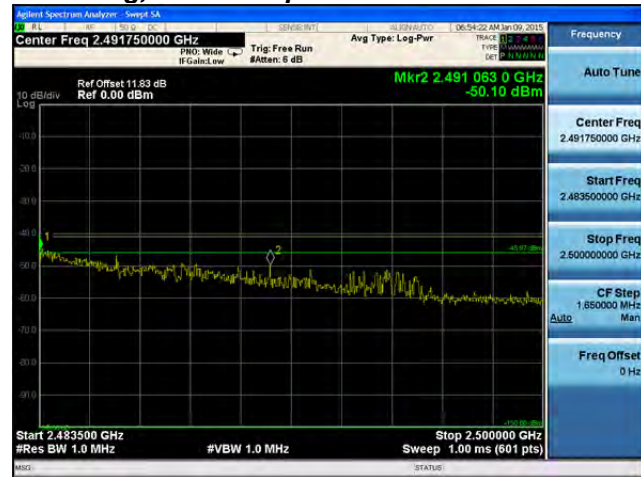
**Antenna B**



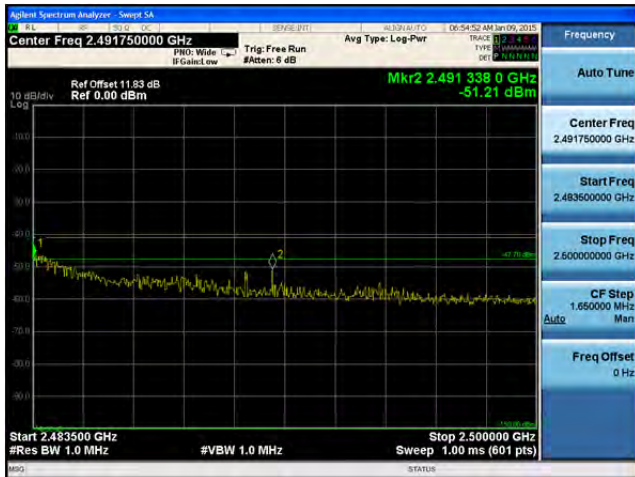
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



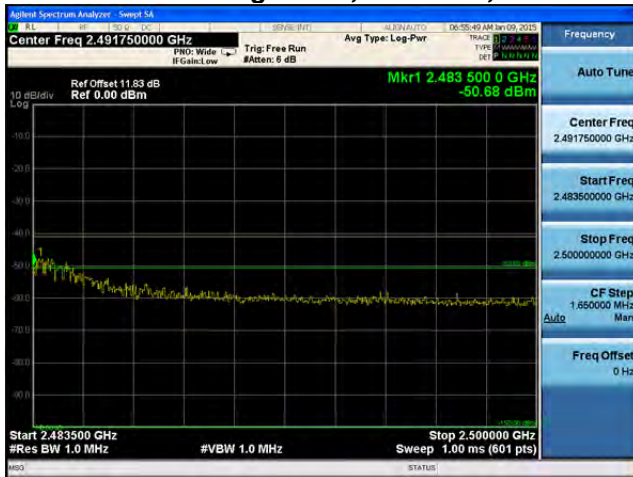
**Antenna B**



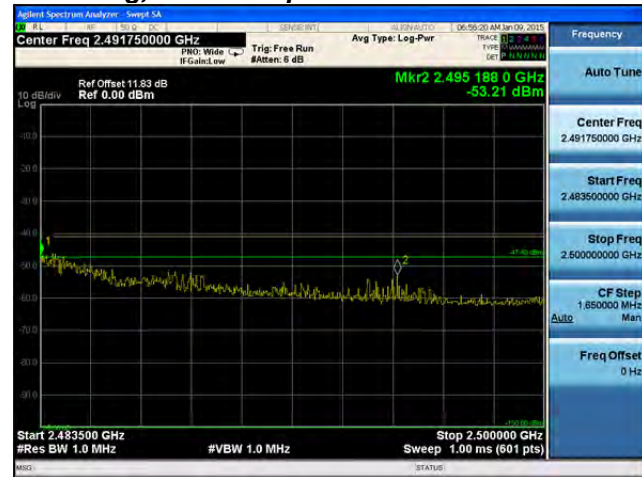
**Antenna C**



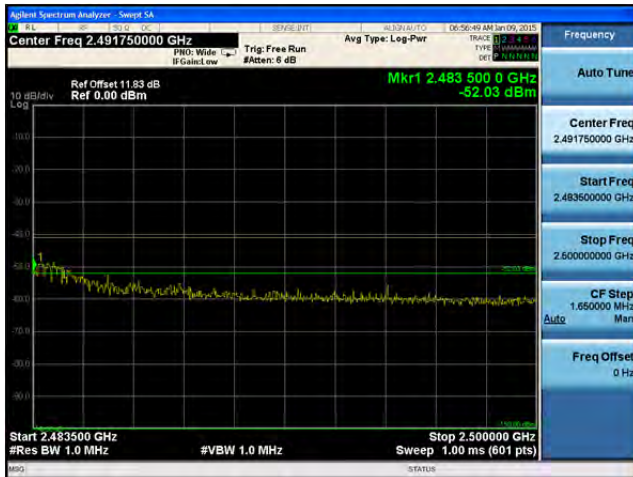
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



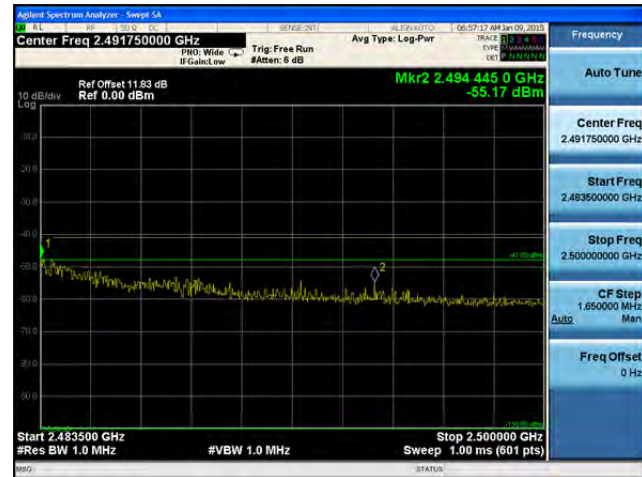
**Antenna A**



**Antenna B**



**Antenna C**

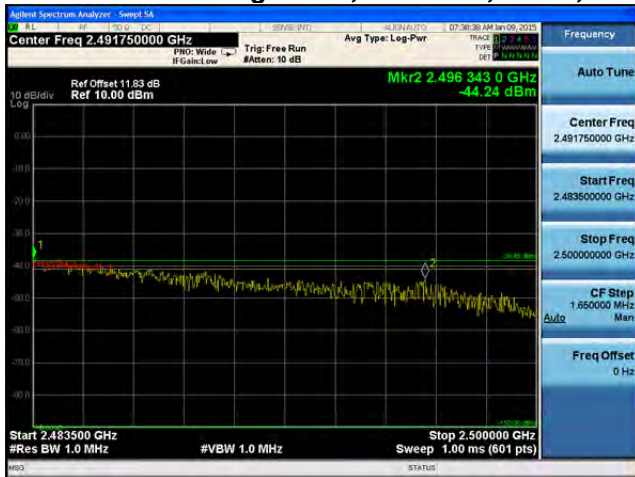


**Antenna D**





**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



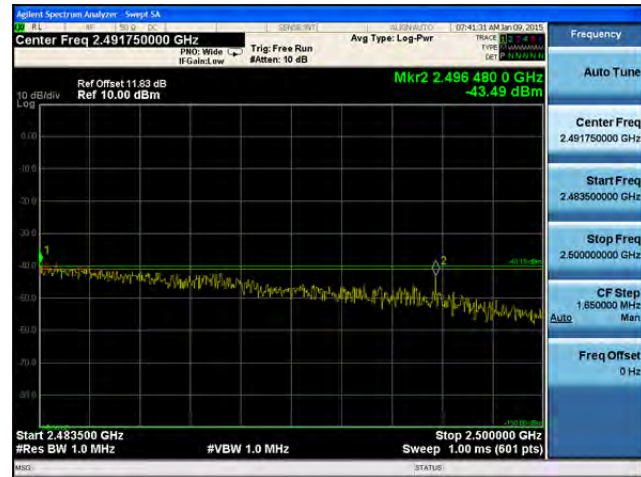
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



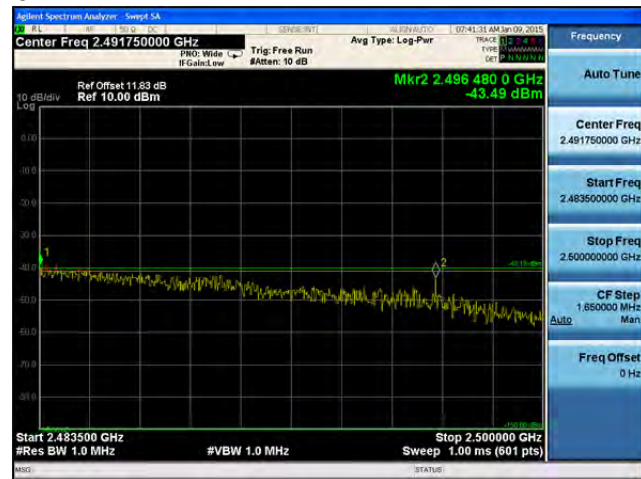
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



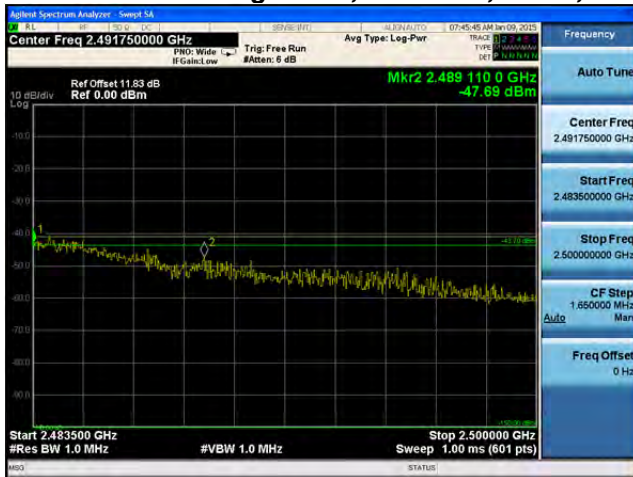
**Antenna A**



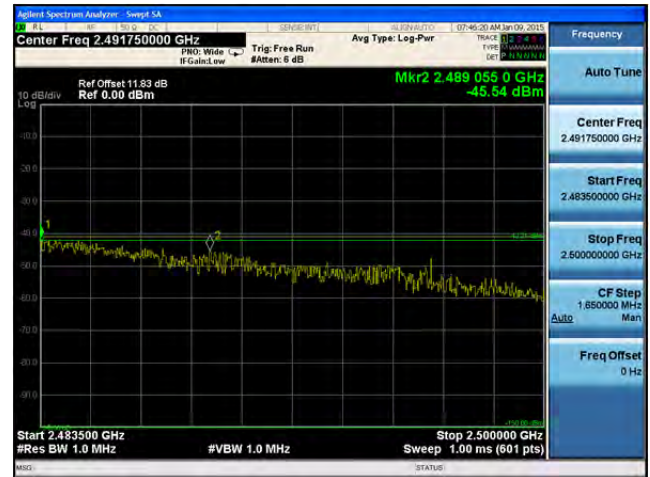
**Antenna B**



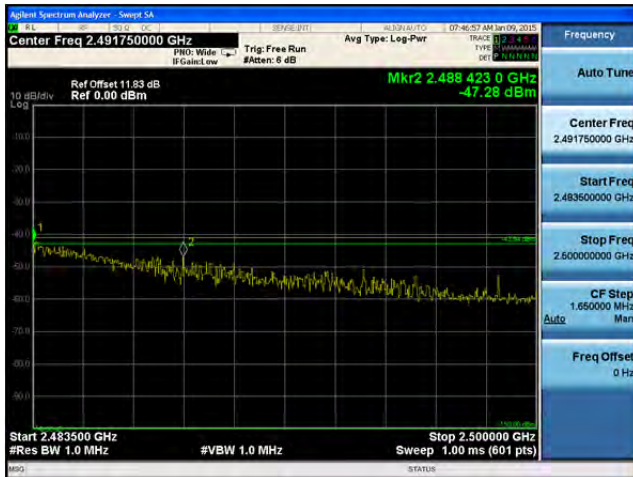
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**

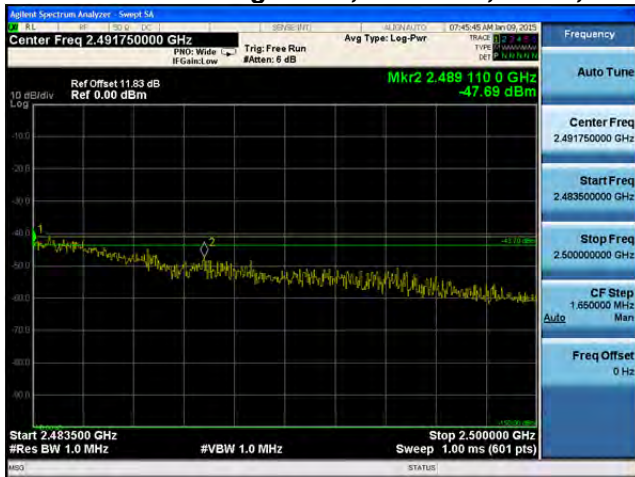


**Antenna C**

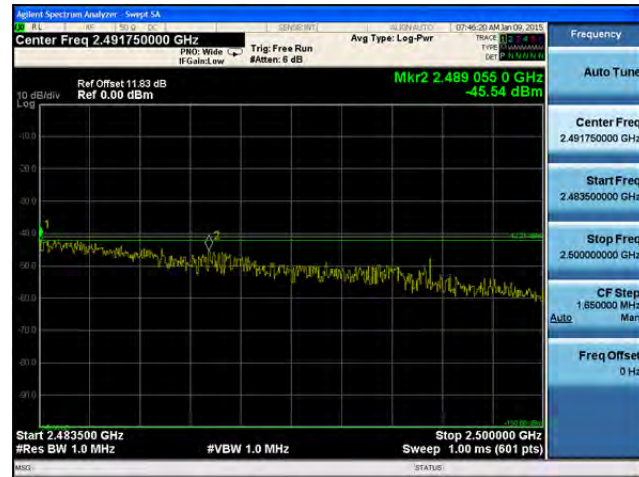




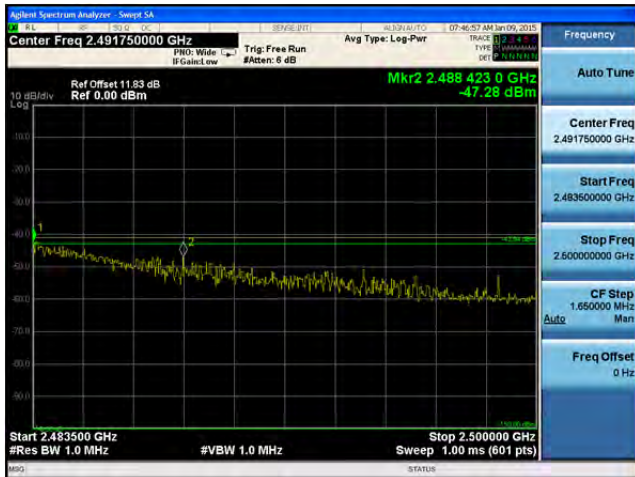
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



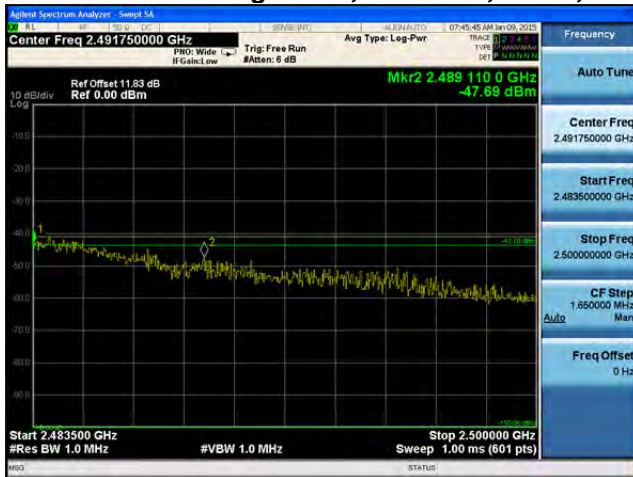
**Antenna B**



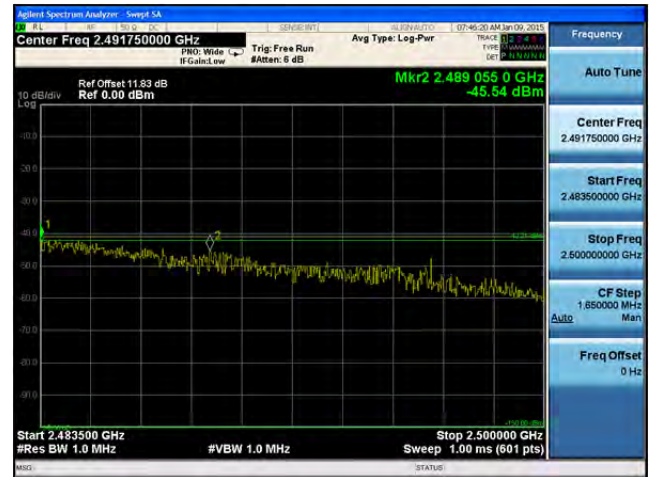
**Antenna C**



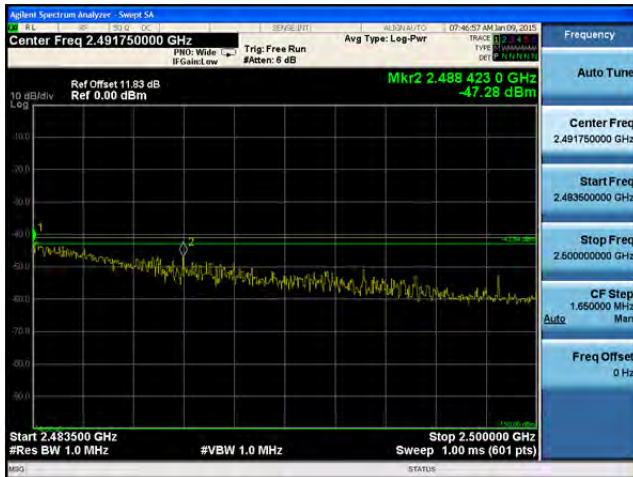
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



**Antenna A**



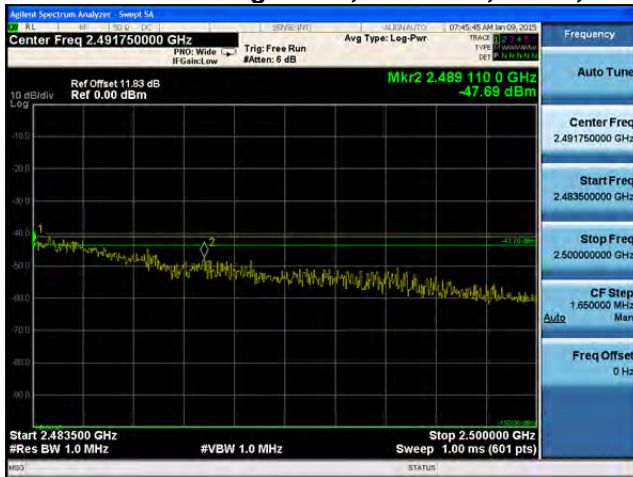
**Antenna B**



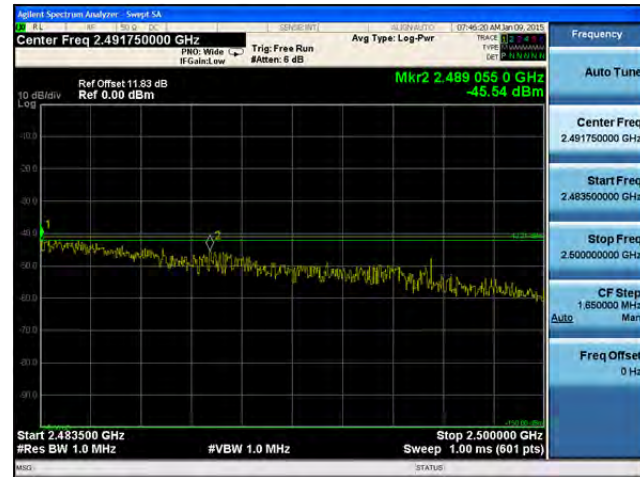
**Antenna C**



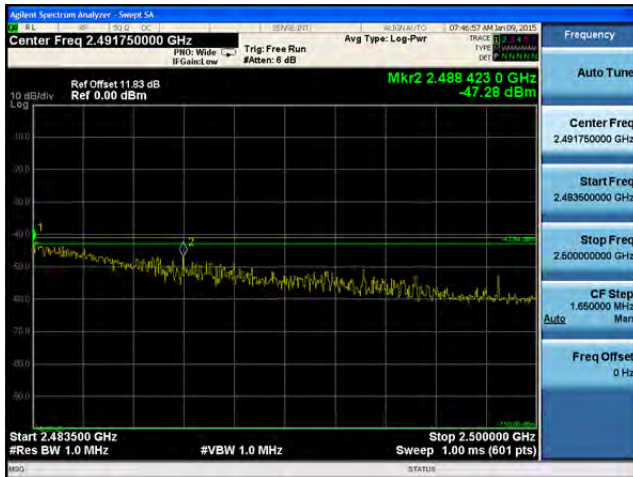
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



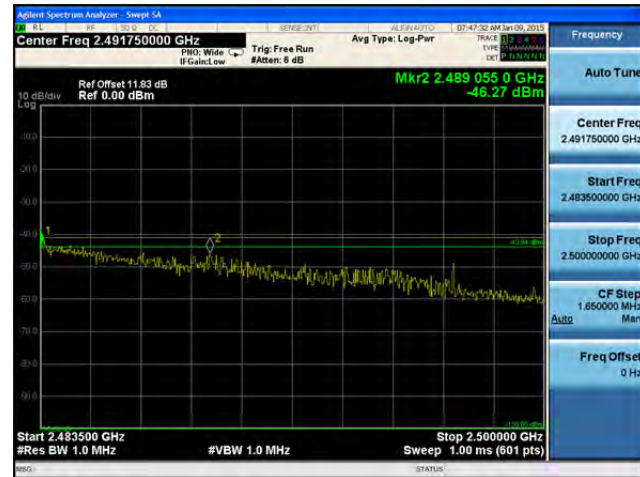
**Antenna A**



**Antenna B**



**Antenna C**

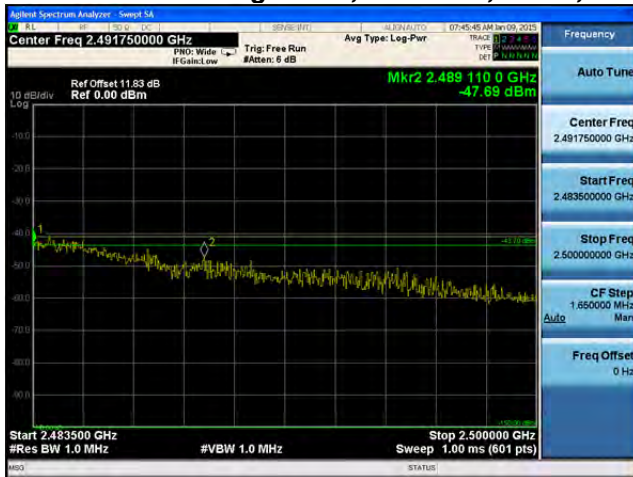


**Antenna D**

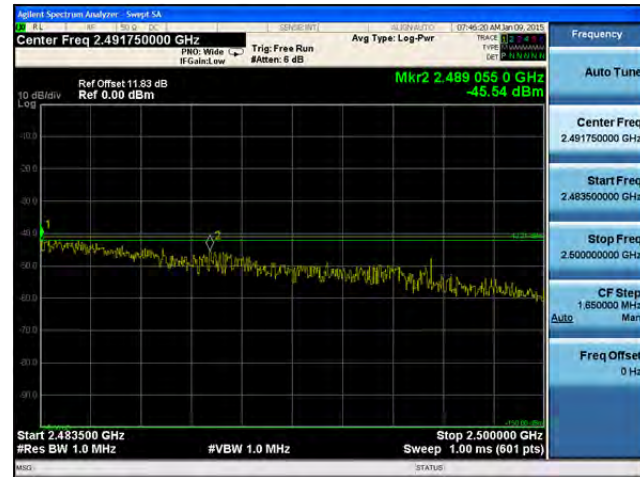




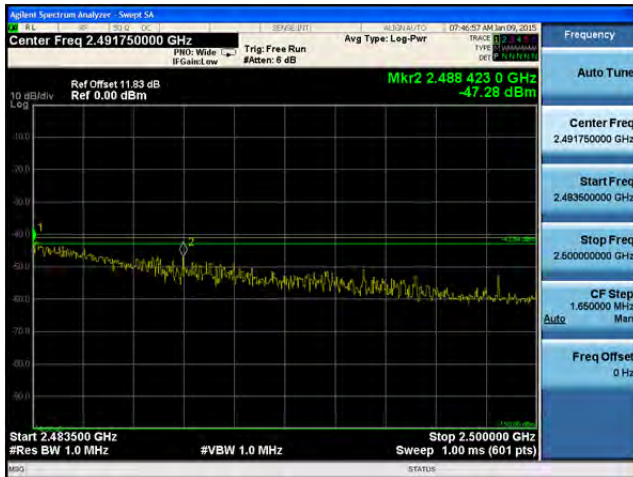
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



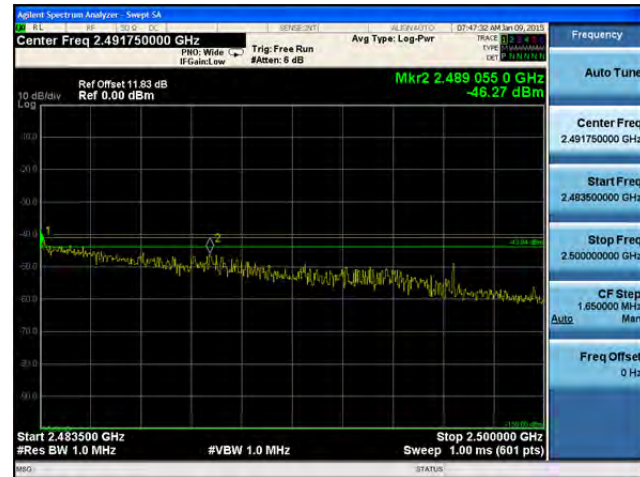
**Antenna A**



**Antenna B**



**Antenna C**

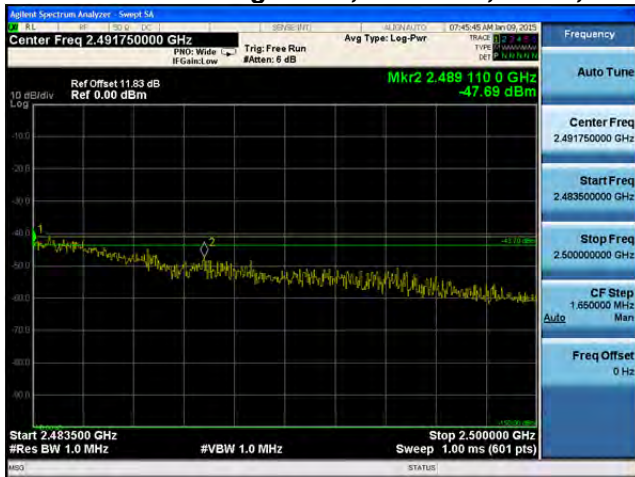


**Antenna D**

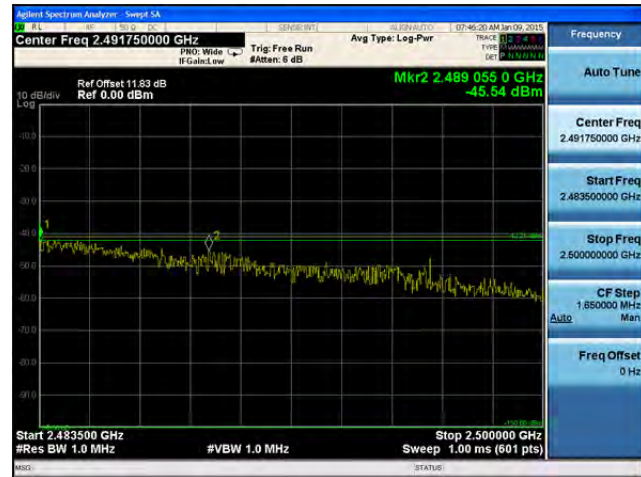




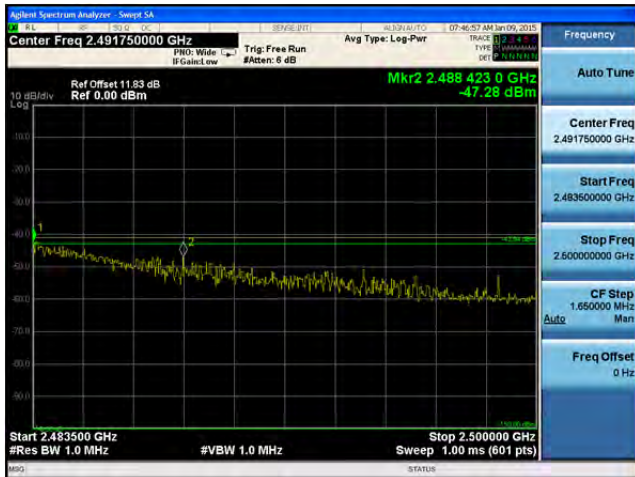
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



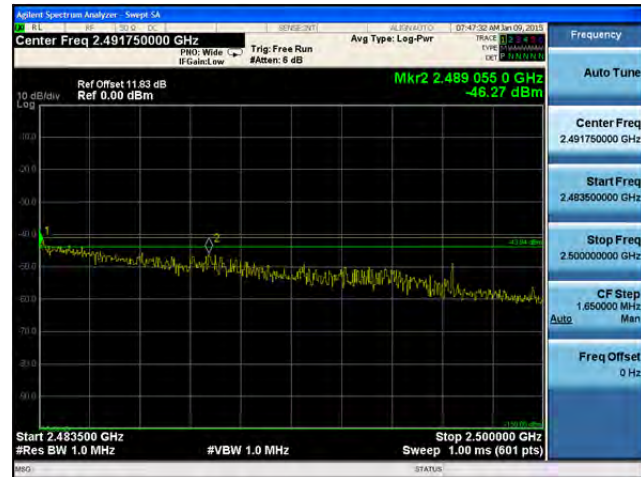
**Antenna A**



**Antenna B**



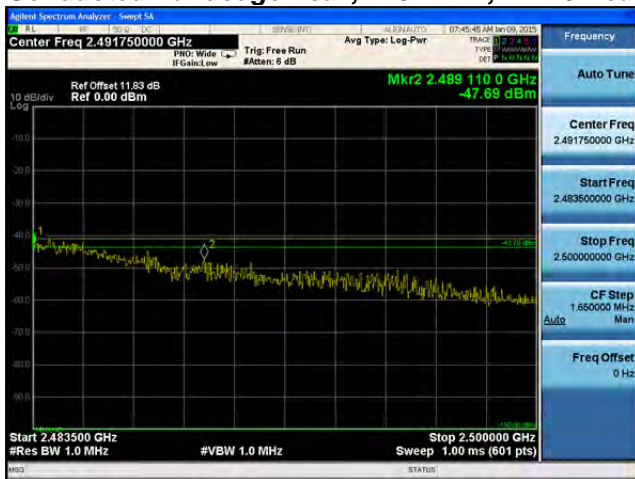
**Antenna C**



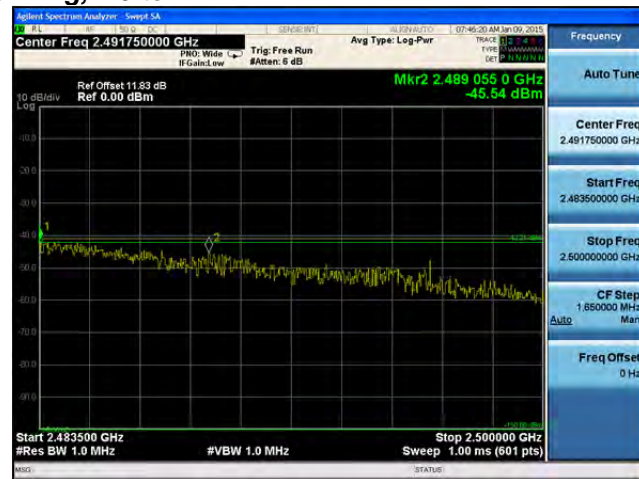
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



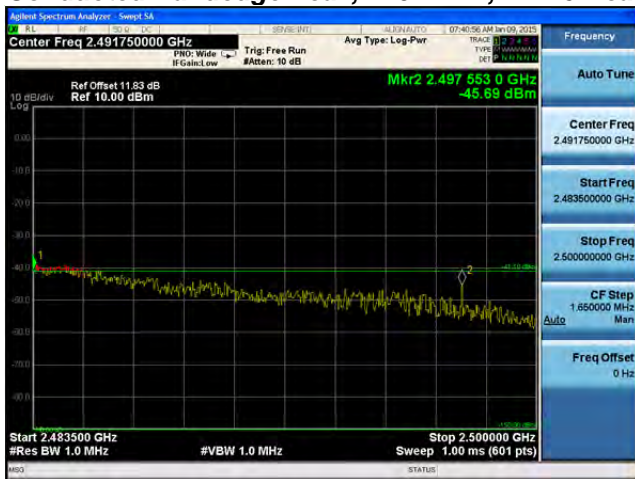
**Antenna A**



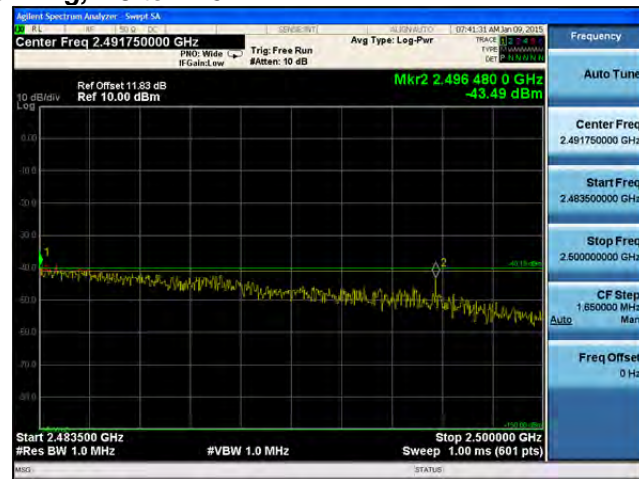
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



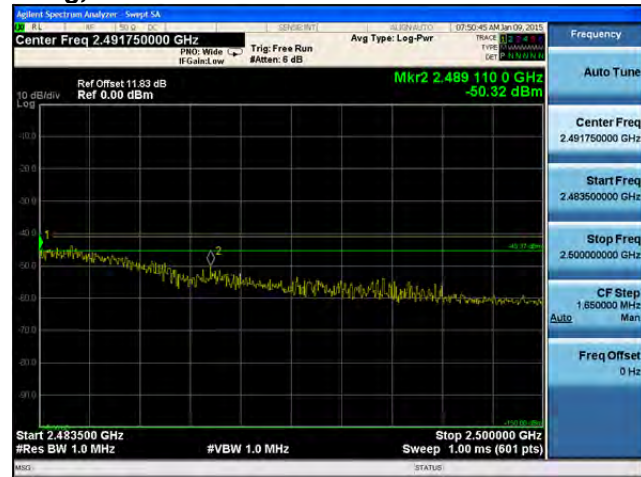
**Antenna B**



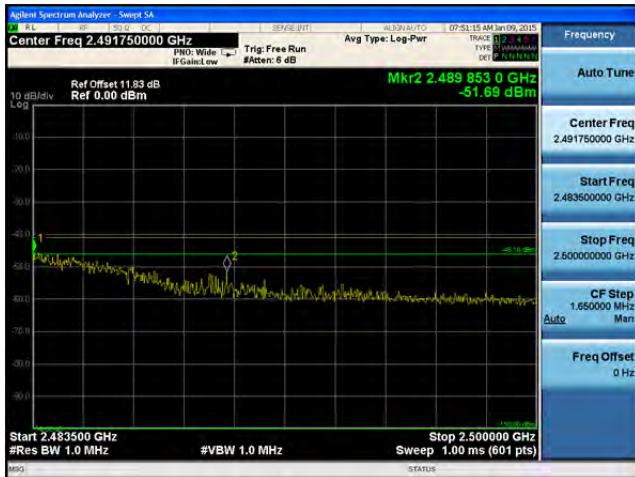
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**

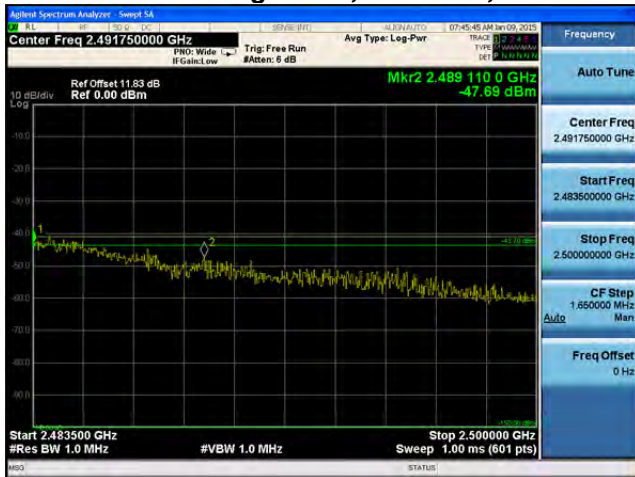


**Antenna C**

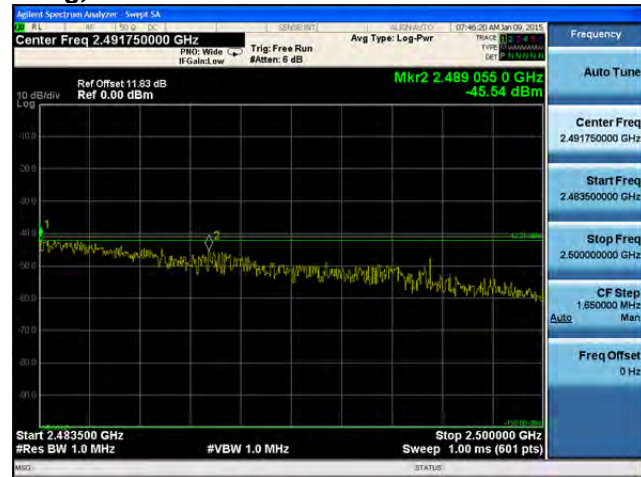




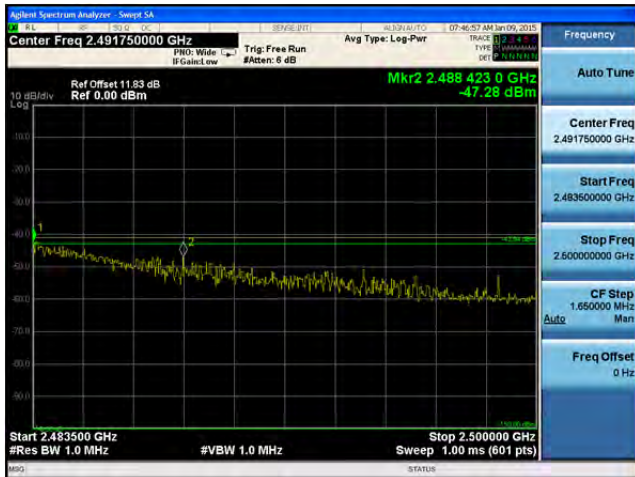
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



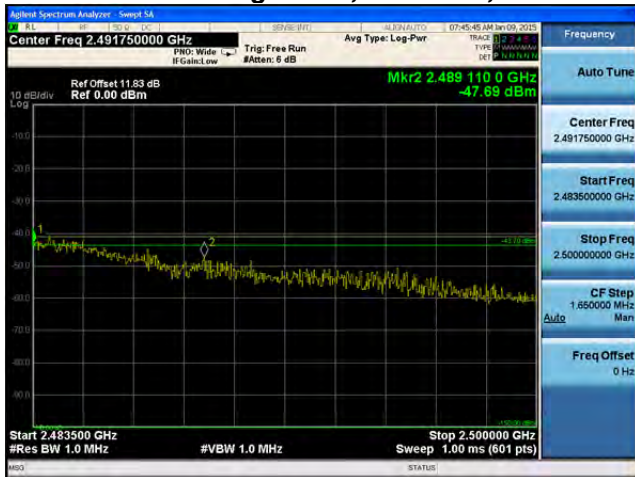
**Antenna B**



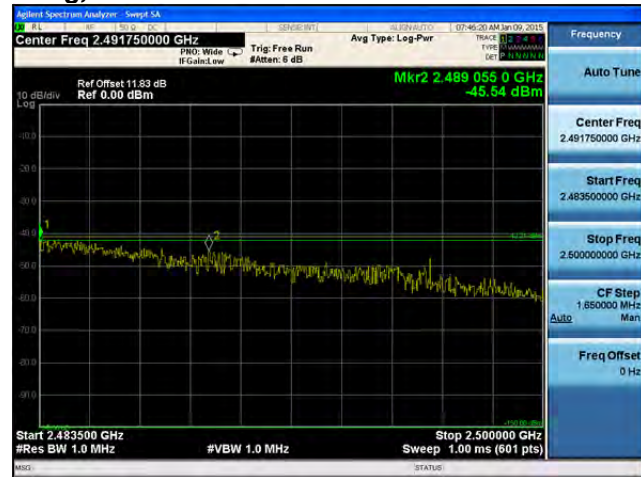
**Antenna C**



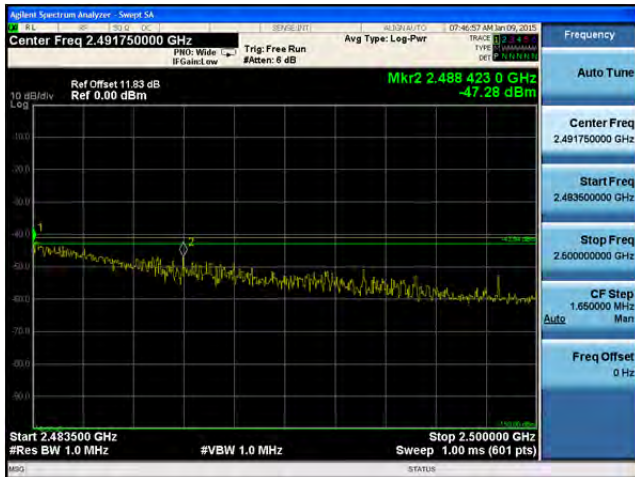
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



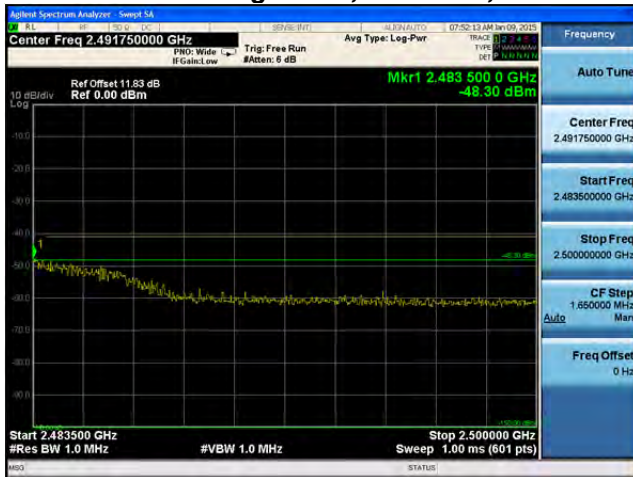
**Antenna B**



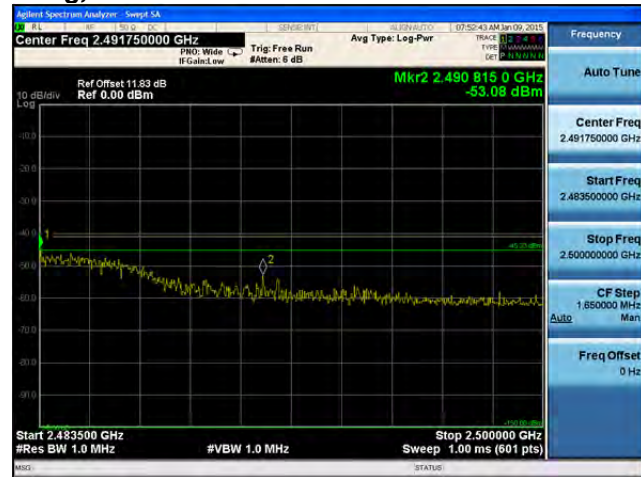
**Antenna C**



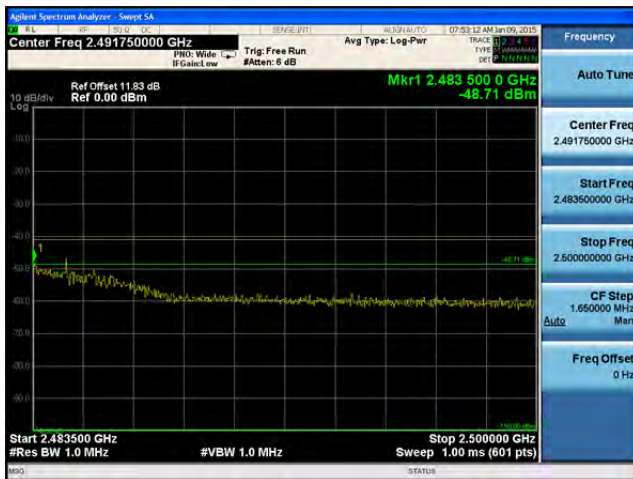
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



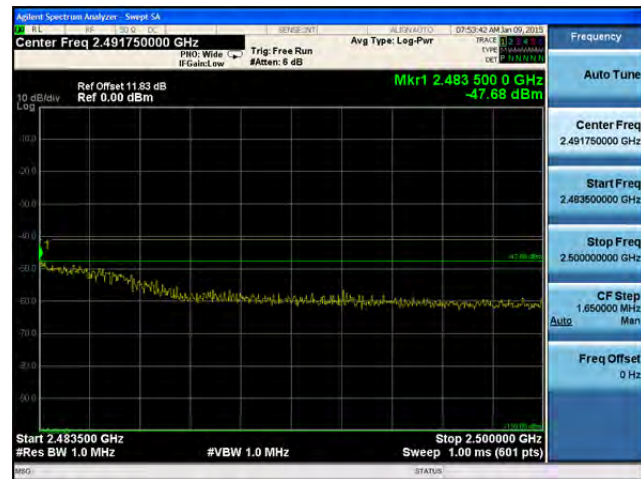
**Antenna A**



**Antenna B**



**Antenna C**

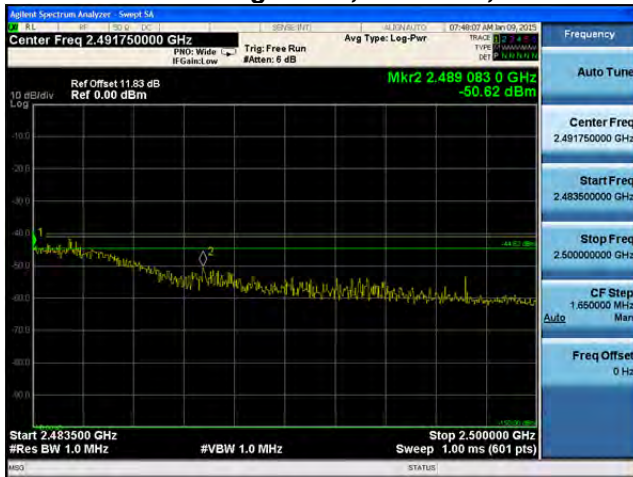


**Antenna D**

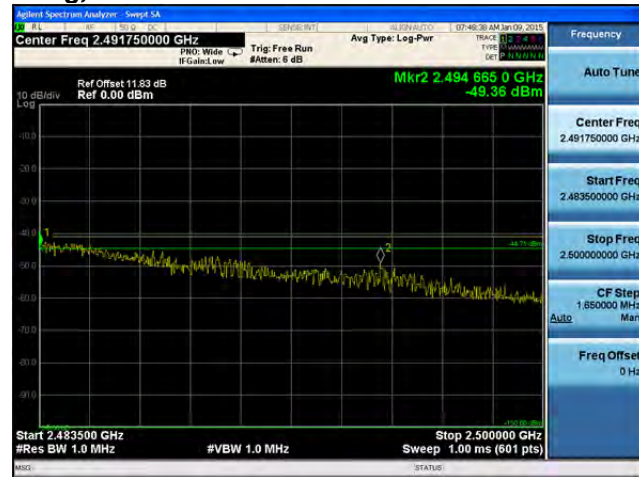




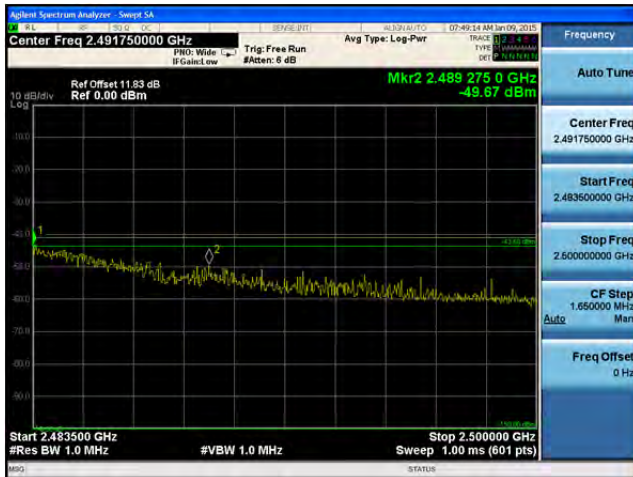
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



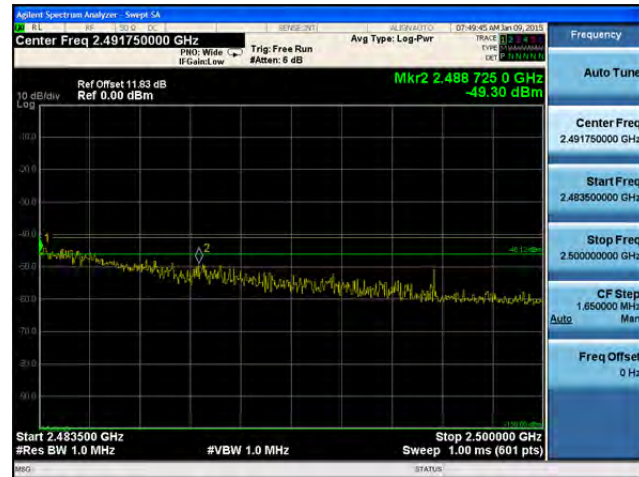
**Antenna A**



**Antenna B**



**Antenna C**

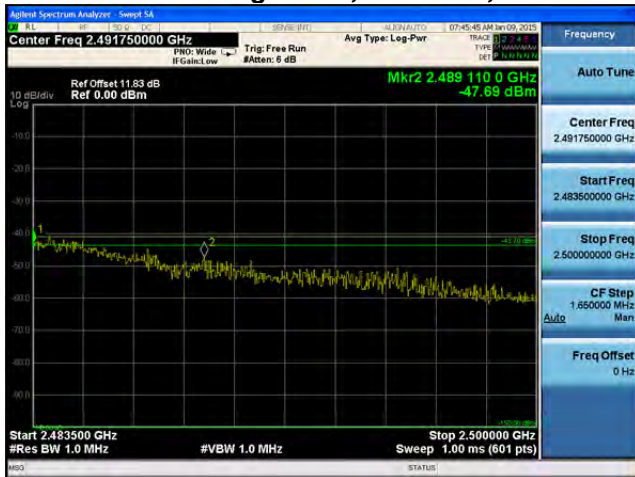


**Antenna D**

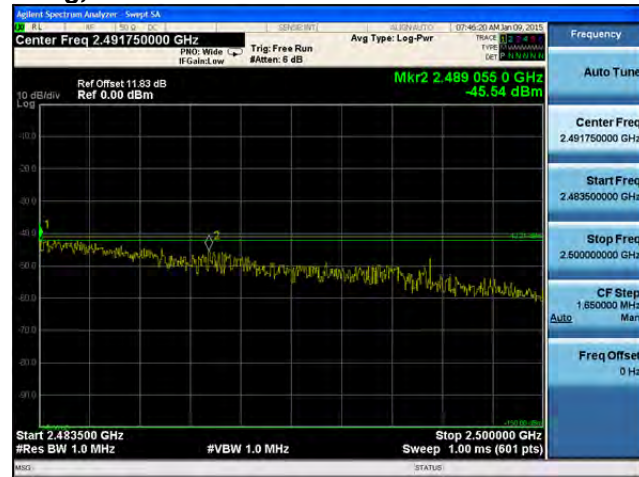




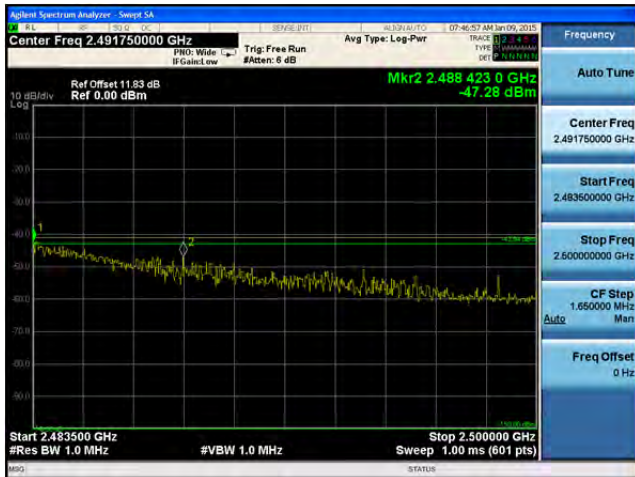
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



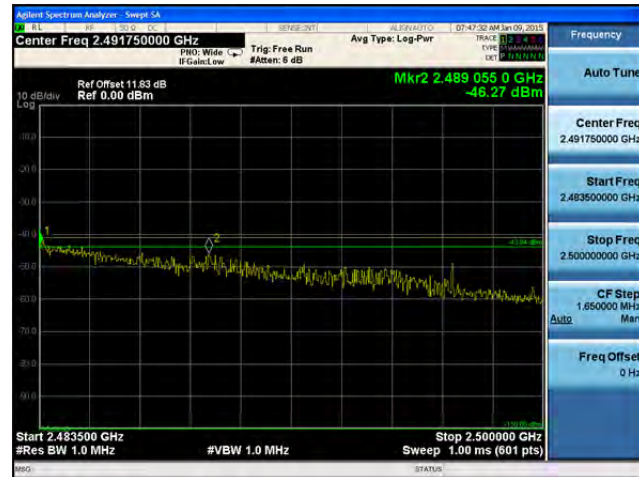
**Antenna A**



**Antenna B**



**Antenna C**



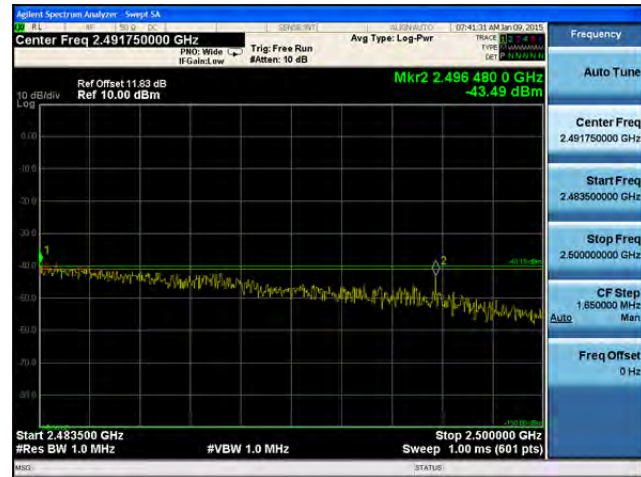
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



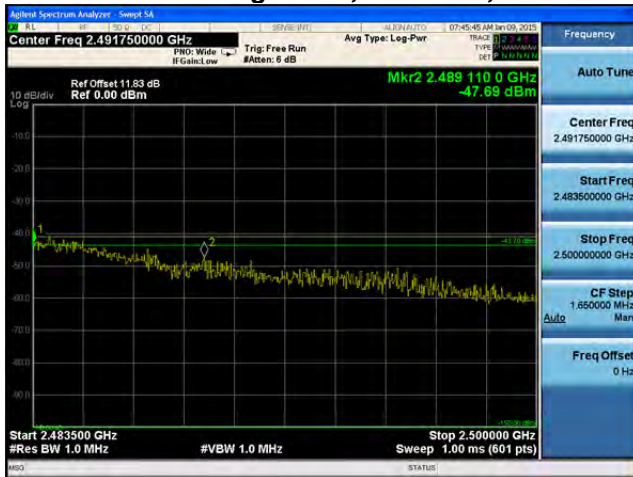
**Antenna A**



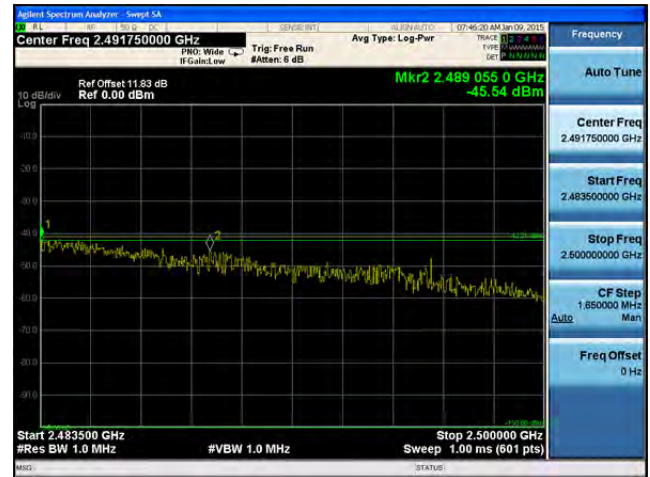
**Antenna B**



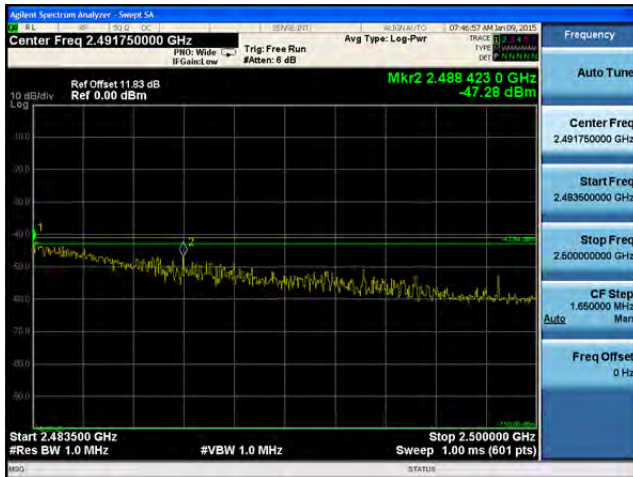
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



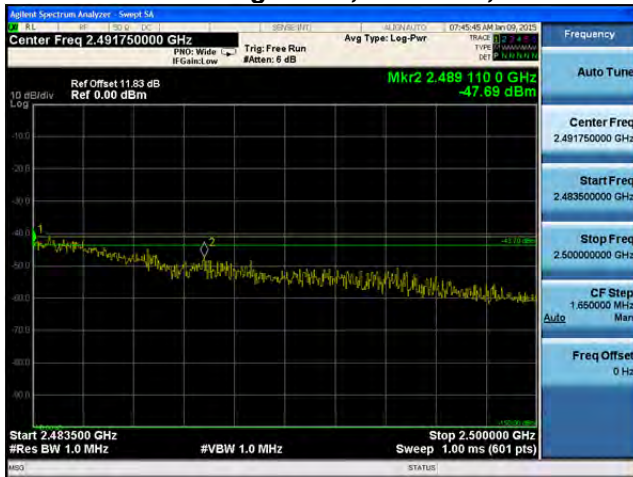
**Antenna B**



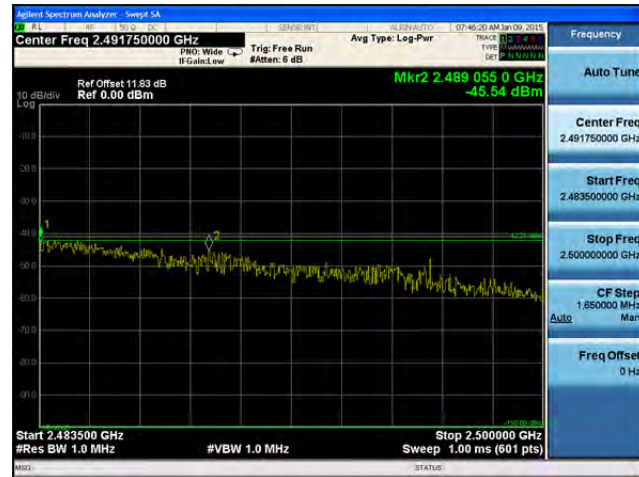
**Antenna C**



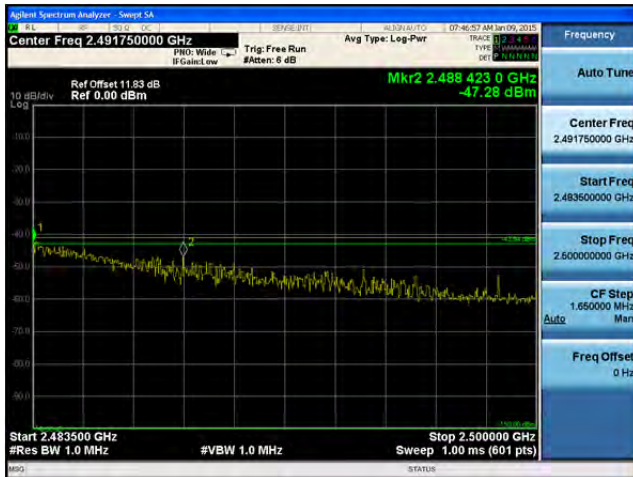
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



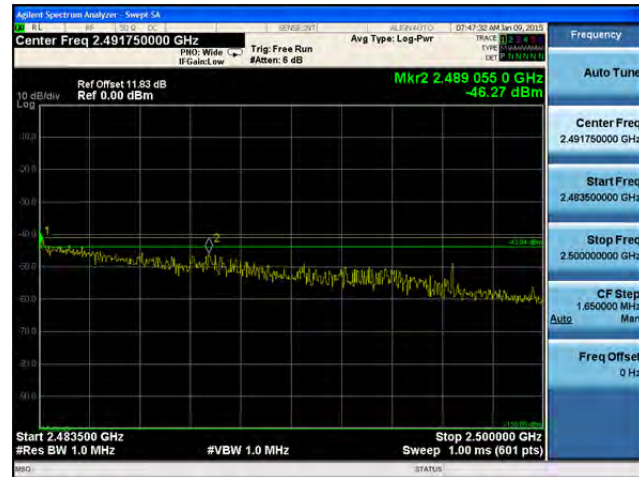
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**





Antenna Gain 13

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
2412	CCK, 1 to 11 Mbps	1	13	-40.4				-27.4	-27	0.4
	CCK, 1 to 11 Mbps	2	13	-42.9	-44.9			-27.8	-27	0.8
	CCK, 1 to 11 Mbps	3	13	-45.9	-47.8	-44.6		-28.1	-27	1.1
	CCK, 1 to 11 Mbps	4	13	-45.9	-47.8	-44.6	-49.4	-27.5	-27	0.5
	Non HT-20, 6 to 54 Mbps	1	13	-40.3				-27.3	-27	0.3
	Non HT-20, 6 to 54 Mbps	2	13	-44.2	-44.9			-28.5	-27	1.5
	Non HT-20, 6 to 54 Mbps	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	Non HT-20, 6 to 54 Mbps	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	13	-44.2	-44.9			-28.5	-27	1.5
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	16	-47.9	-49.6	-47.7		-27.5	-27	0.5
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	16	-49.6	-50.8	-49.5	-54.2	-28.6	-27	1.6
	HT-20, M0 to M7	1	13	-41.4				-28.4	-27	1.4
	HT-20, M0 to M7	2	13	-44.2	-44.9			-28.5	-27	1.5
	HT-20, M8 to M15	2	13	-44.2	-44.9			-28.5	-27	1.5
	HT-20, M0 to M7	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20, M8 to M15	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20, M16 to M23	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20, M0 to M7	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	HT-20, M8 to M15	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	HT-20, M16 to M23	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	HT-20 Beam Forming, M0 to M7	2	13	-44.2	-44.9			-28.5	-27	1.5
	HT-20 Beam Forming, M8 to M15	2	13	-44.2	-44.9			-28.5	-27	1.5
	HT-20 Beam Forming, M0 to M7	3	16	-47.9	-49.6	-47.7		-27.5	-27	0.5
	HT-20 Beam Forming, M8 to M15	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20 Beam Forming, M16 to M23	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20 Beam Forming, M0 to M7	4	16	-49.6	-50.8	-49.5	-54.2	-28.6	-27	1.6
	HT-20 Beam Forming, M8 to M15	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	HT-20 Beam Forming, M16 to M23	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0
	HT-20 STBC, M0 to M7	2	13	-44.2	-44.9			-28.5	-27	1.5
	HT-20 STBC, M0 to M7	3	13	-44.5	-49.8	-45.3		-28.2	-27	1.2
	HT-20 STBC, M0 to M7	4	13	-44.5	-49.8	-45.3	-53.6	-28.0	-27	1.0



2462	CCK, 1 to 11 Mbps	1	13	-42.0				-29.0	-27	2.0
	CCK, 1 to 11 Mbps	2	13	-45.0	-44.0			-28.5	-27	1.5
	CCK, 1 to 11 Mbps	3	13	-46.9	-45.9	-45.2		-28.2	-27	1.2
	CCK, 1 to 11 Mbps	4	13	-46.9	-45.9	-45.2	-46.7	-27.1	-27	0.1
	Non HT-20, 6 to 54 Mbps	1	13	-41.8				-28.8	-27	1.8
	Non HT-20, 6 to 54 Mbps	2	13	-43.9	-44.3			-28.1	-27	1.1
	Non HT-20, 6 to 54 Mbps	3	13	-46.2	-46.0	-47.7		-28.8	-27	1.8
	Non HT-20, 6 to 54 Mbps	4	13	-46.2	-46.0	-47.7	-47.6	-27.8	-27	0.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	13	-43.9	-44.3			-28.1	-27	1.1
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	16	-50.7	-47.4	-52.0		-28.8	-27	1.8
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	16	-50.7	-47.4	-52.0	-47.8	-27.0	-27	0.0
	HT-20, M0 to M7	1	13	-43.7				-30.7	-27	3.7
	HT-20, M0 to M7	2	13	-44.6	-44.7			-28.6	-27	1.6
	HT-20, M8 to M15	2	13	-44.6	-44.7			-28.6	-27	1.6
	HT-20, M0 to M7	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
	HT-20, M8 to M15	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
	HT-20, M16 to M23	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
	HT-20, M0 to M7	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2
	HT-20, M8 to M15	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2
	HT-20, M16 to M23	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2
	HT-20 Beam Forming, M0 to M7	2	13	-44.6	-44.7			-28.6	-27	1.6
	HT-20 Beam Forming, M8 to M15	2	13	-44.6	-44.7			-28.6	-27	1.6
	HT-20 Beam Forming, M0 to M7	3	16	-50.6	-51.0	-51.0		-30.1	-27	3.1
	HT-20 Beam Forming, M8 to M15	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
	HT-20 Beam Forming, M16 to M23	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
	HT-20 Beam Forming, M0 to M7	4	16	-50.6	-51.0	-51.0	-51.7	-29.0	-27	2.0
	HT-20 Beam Forming, M8 to M15	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2
	HT-20 Beam Forming, M16 to M23	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2
	HT-20 STBC, M0 to M7	2	13	-44.6	-44.7			-28.6	-27	1.6
	HT-20 STBC, M0 to M7	3	13	-45.8	-45.4	-46.2		-28.0	-27	1.0
HT-20 STBC, M0 to M7	4	13	-45.8	-45.4	-46.2	-48.0	-27.2	-27	0.2	



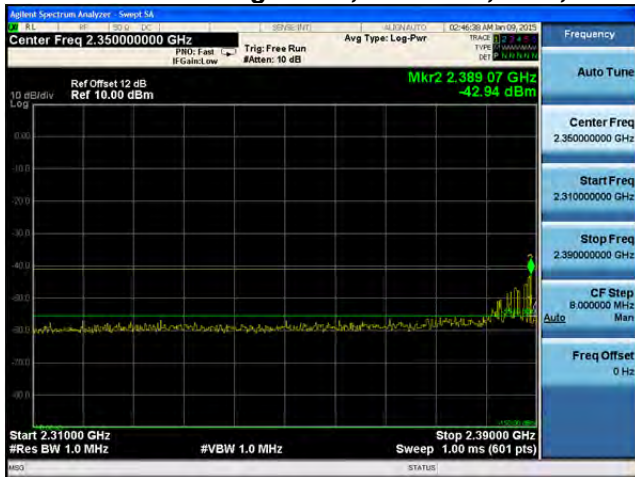
### Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps



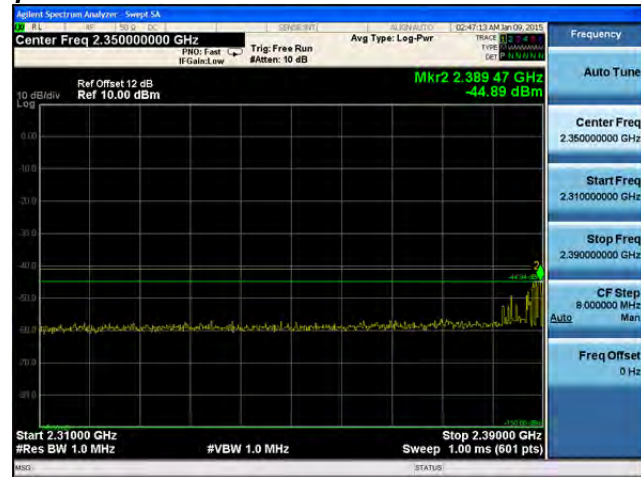
Antenna A



**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**

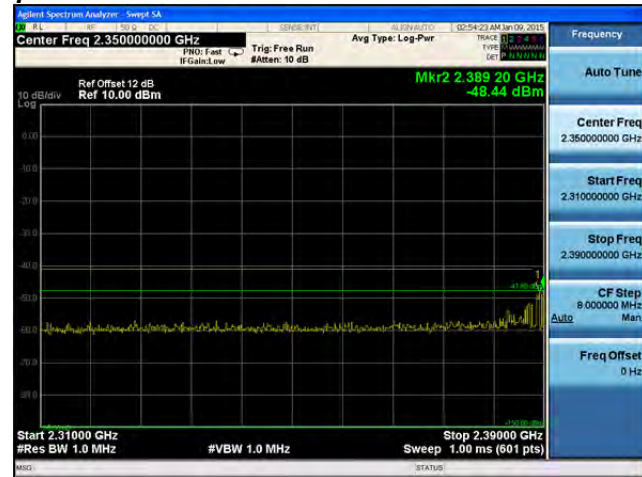




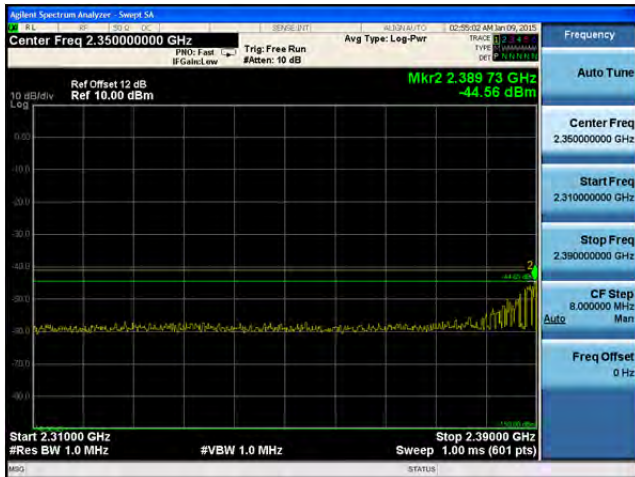
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**



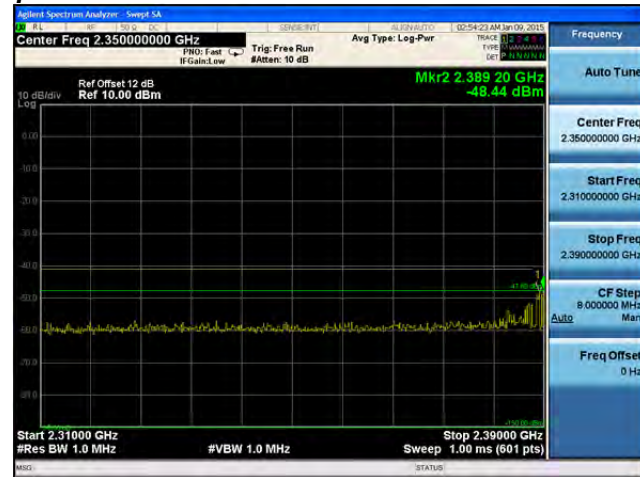
**Antenna C**



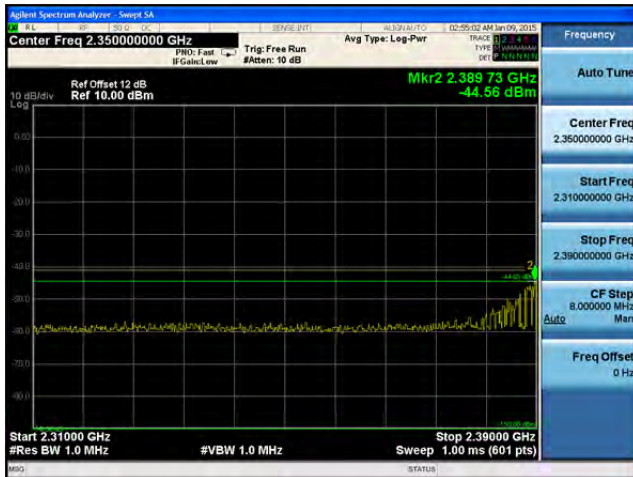
**Conducted Bandedge Peak, 2412 MHz, CCK, 1 to 11 Mbps**



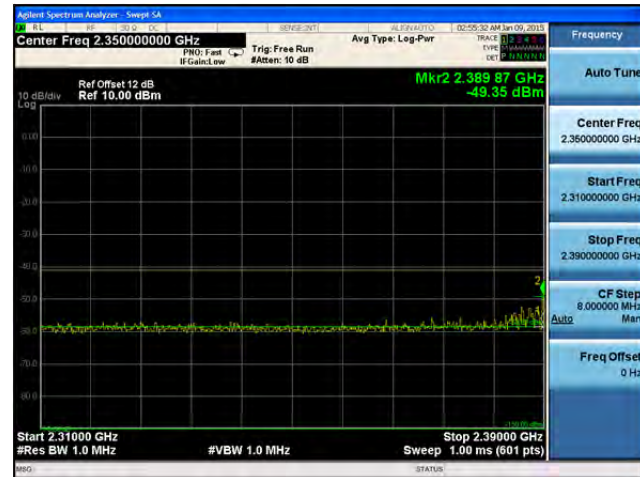
**Antenna A**



**Antenna B**



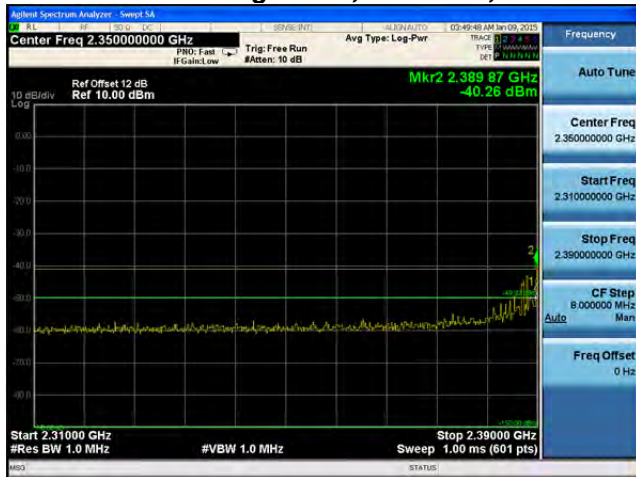
**Antenna C**



**Antenna D**



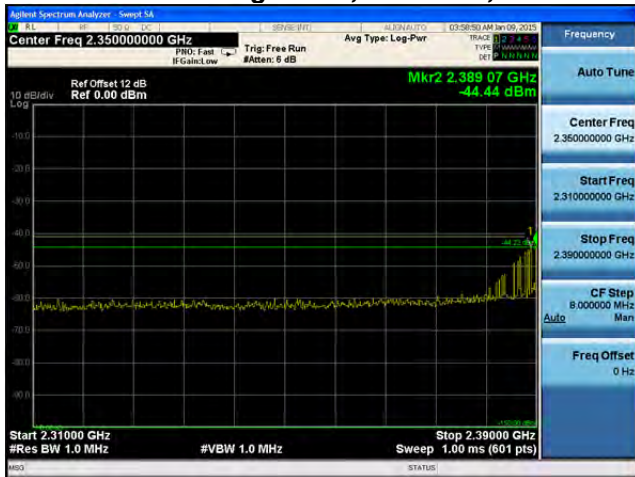
**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**

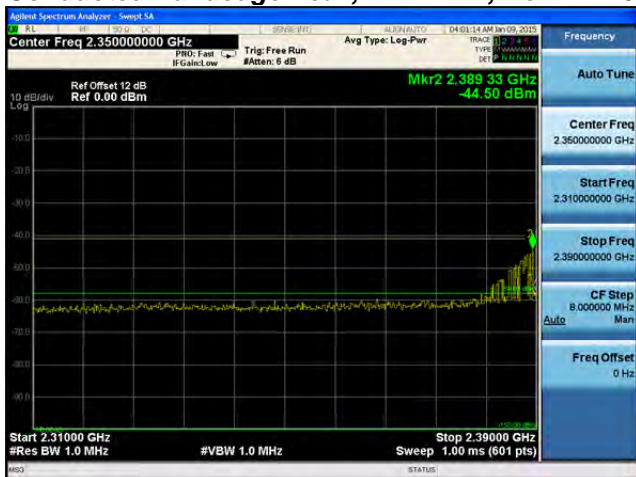


**Antenna B**

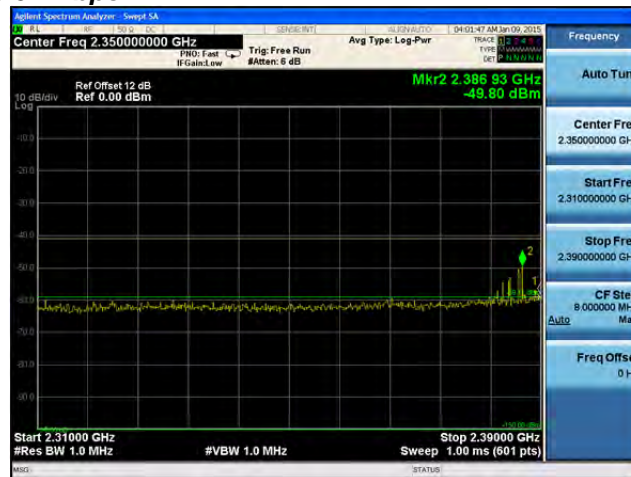




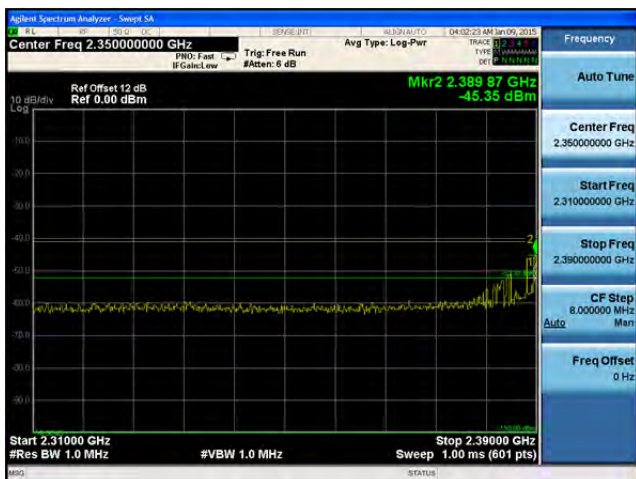
**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



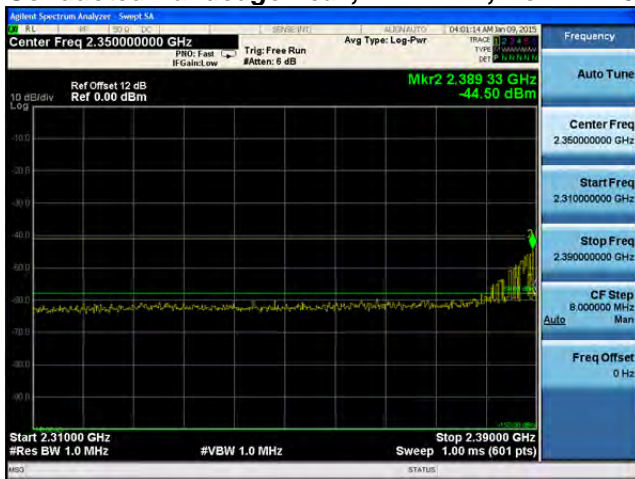
**Antenna B**



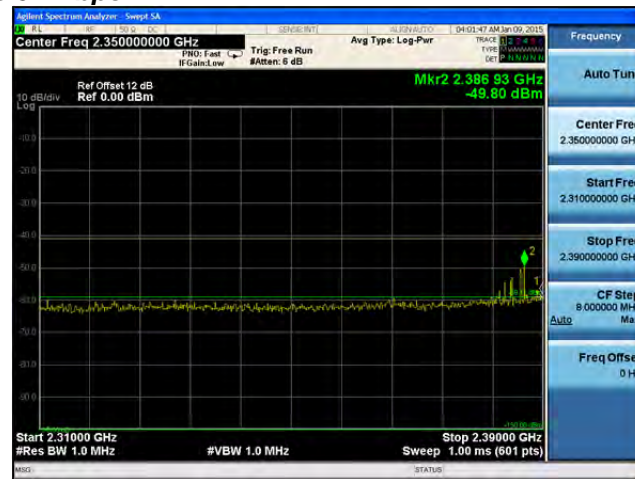
**Antenna C**



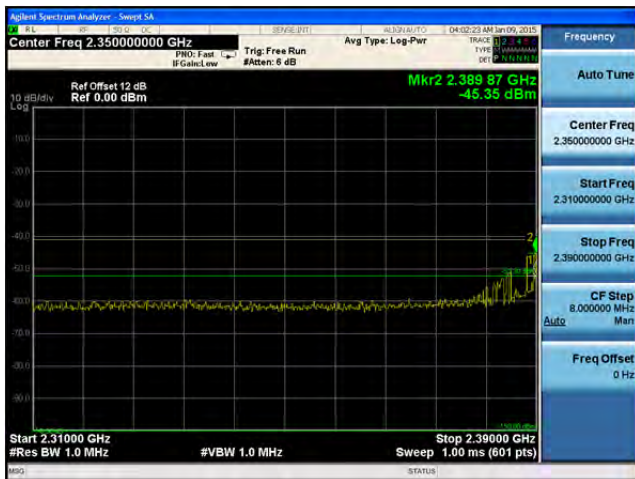
**Conducted Bandedge Peak, 2412 MHz, Non HT-20, 6 to 54 Mbps**



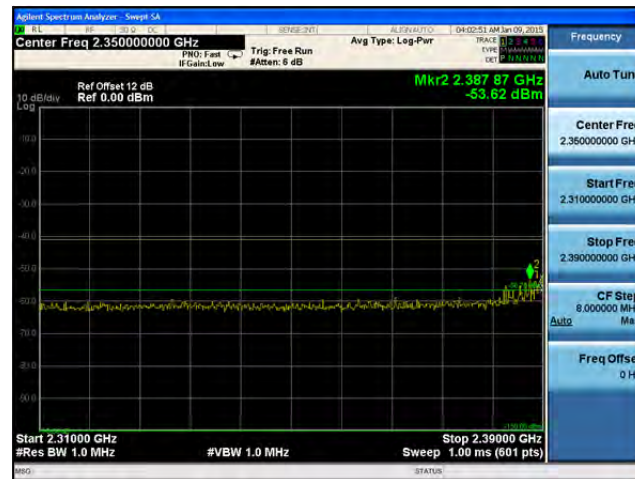
**Antenna A**



**Antenna B**



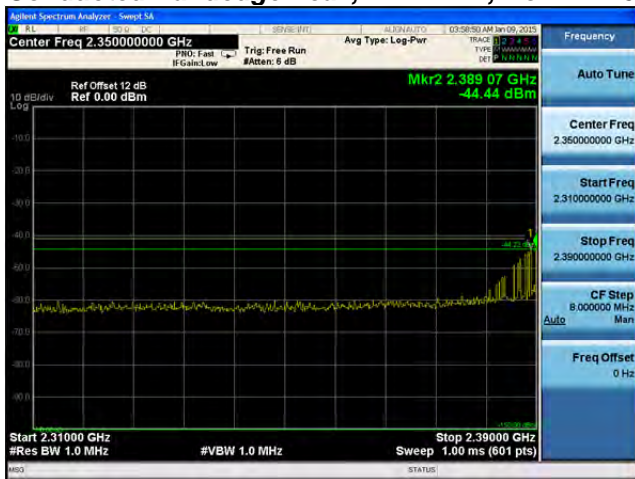
**Antenna C**



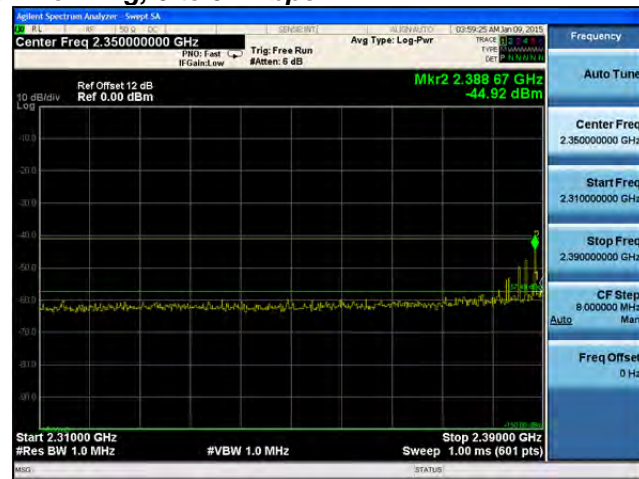
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



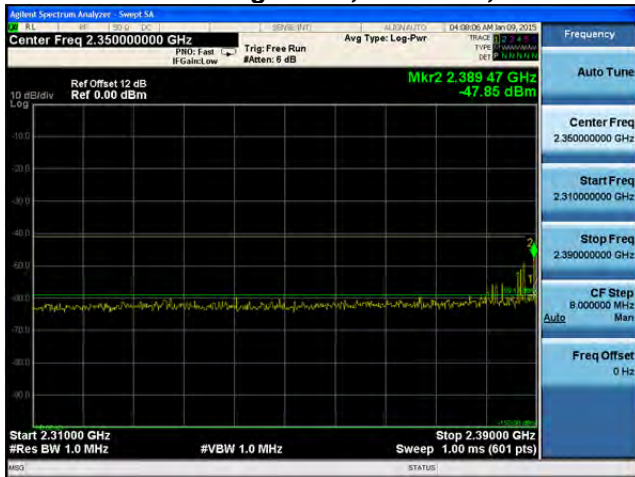
**Antenna A**



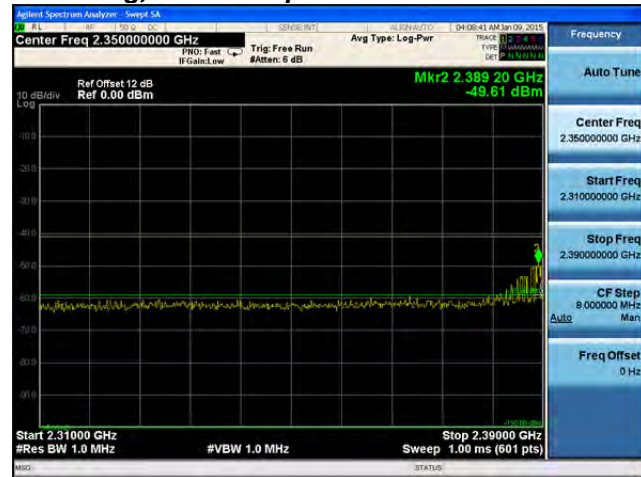
**Antenna B**



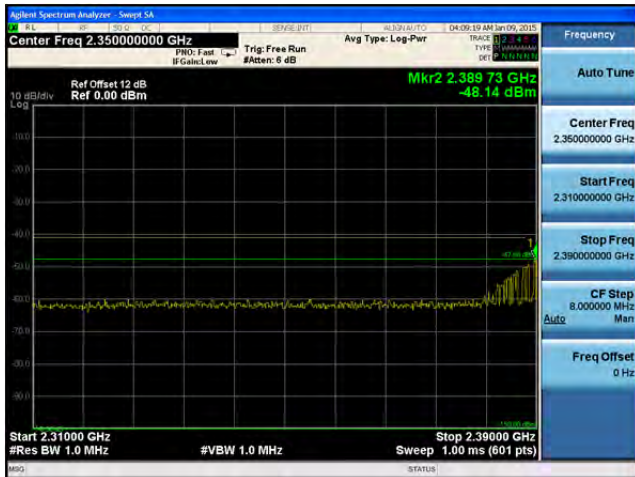
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**

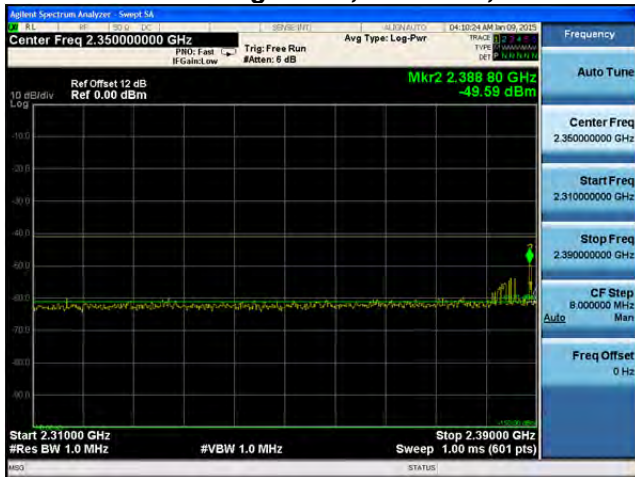


**Antenna C**

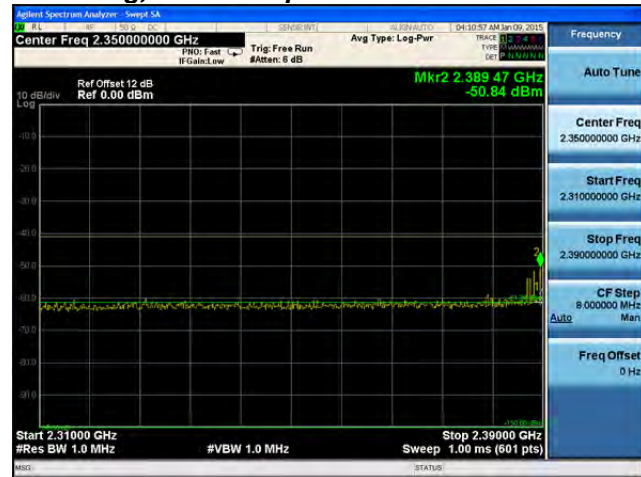




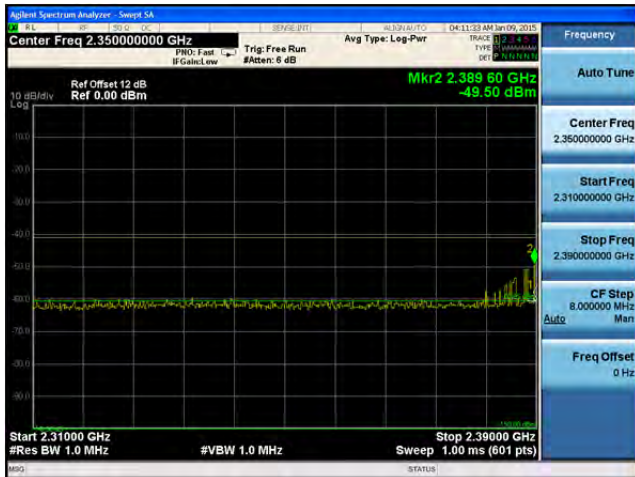
**Conducted Bandedge Peak, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



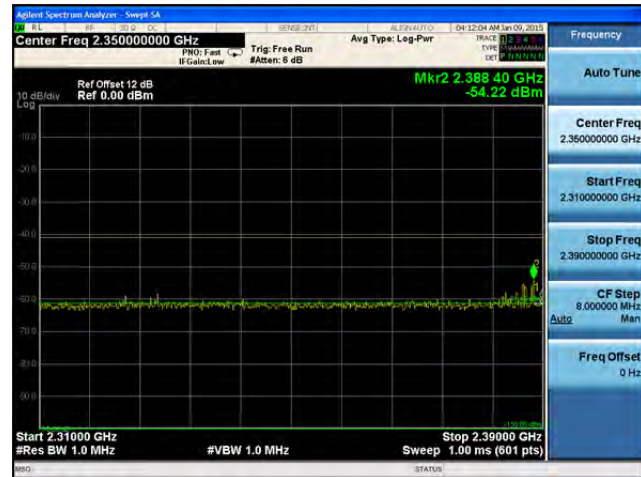
**Antenna A**



**Antenna B**



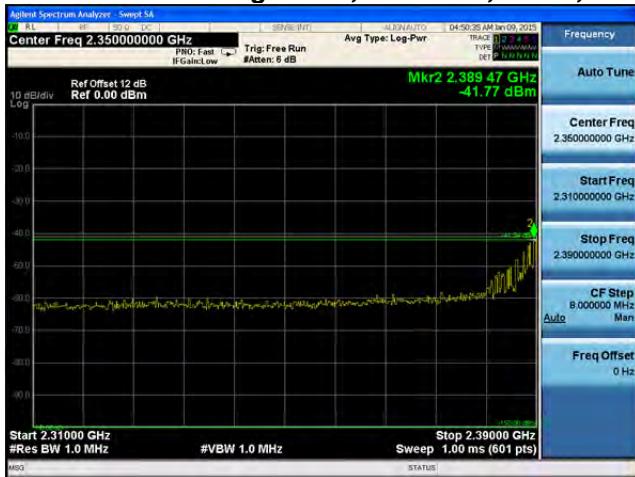
**Antenna C**



**Antenna D**



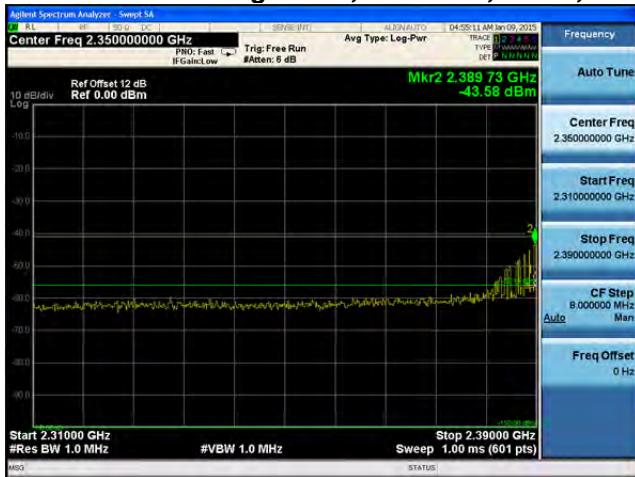
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



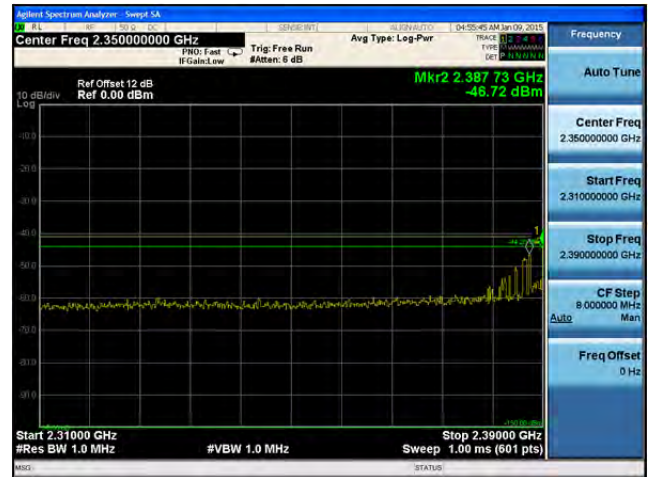
**Antenna A**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



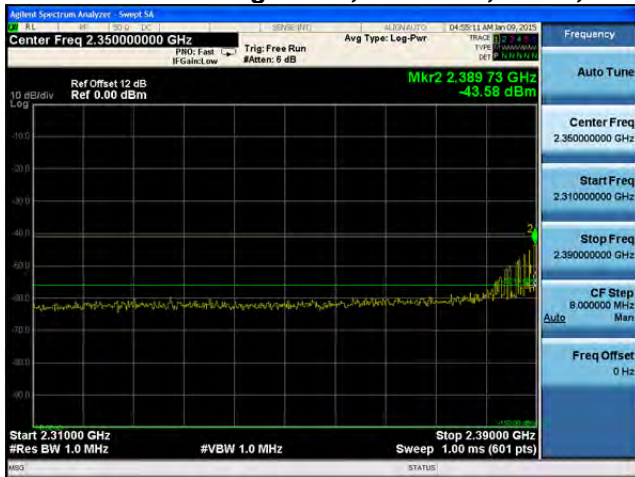
**Antenna A**



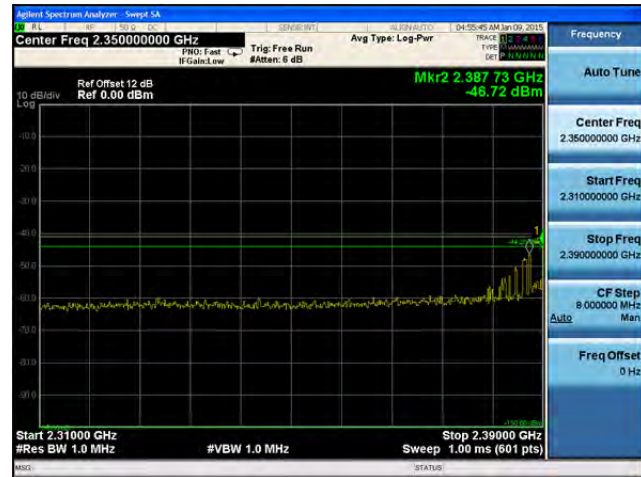
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**

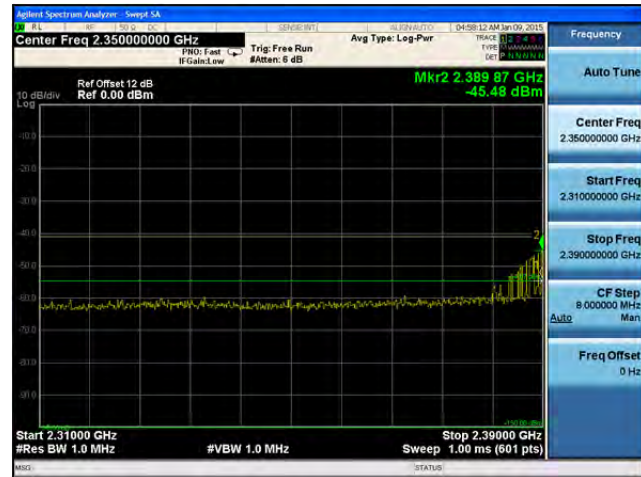




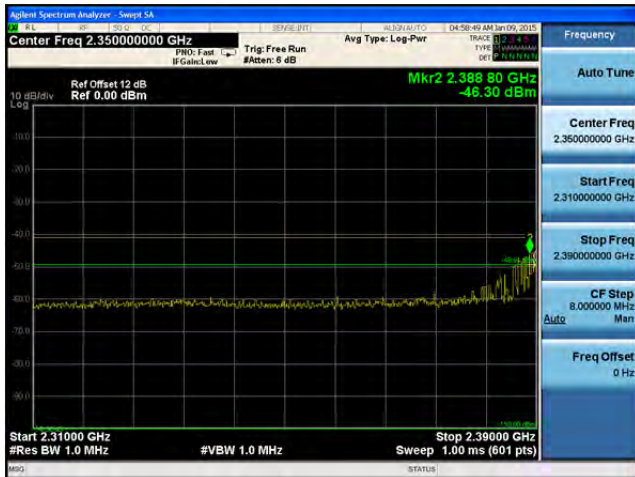
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**



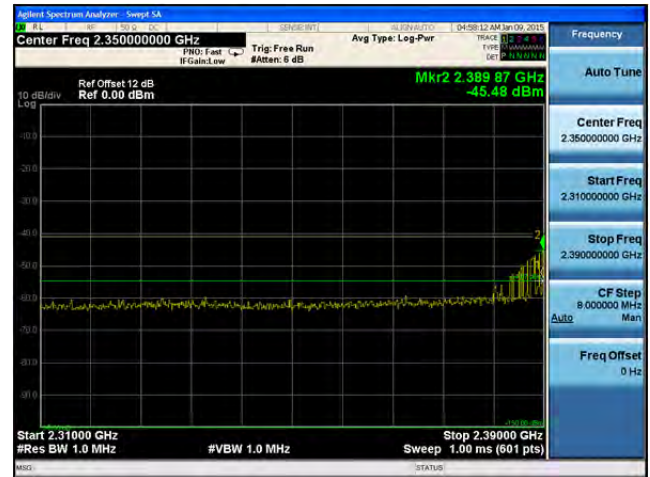
**Antenna C**



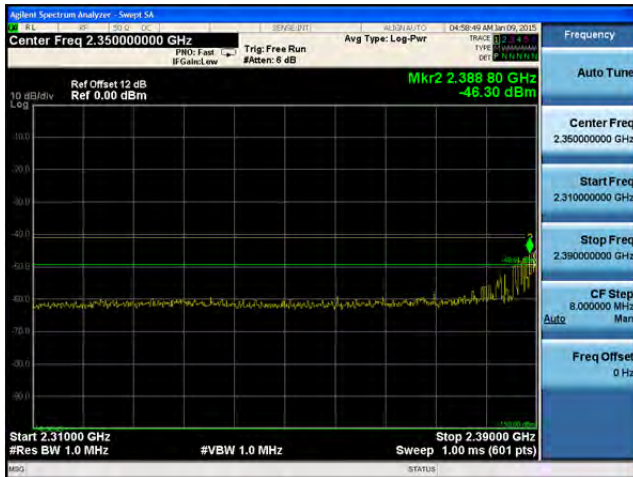
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



**Antenna A**



**Antenna B**



**Antenna C**



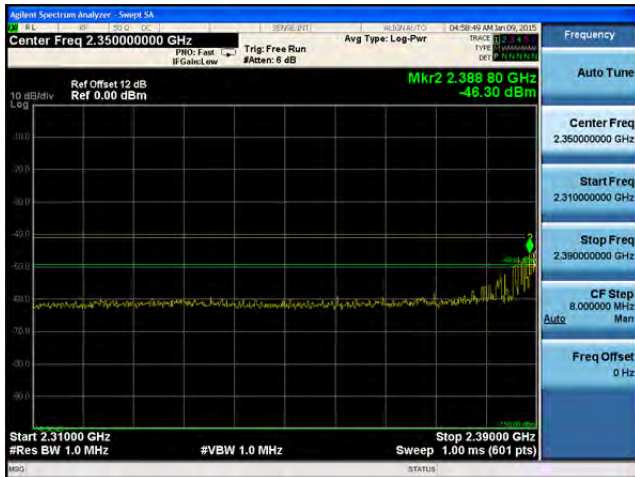
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



**Antenna A**



**Antenna B**



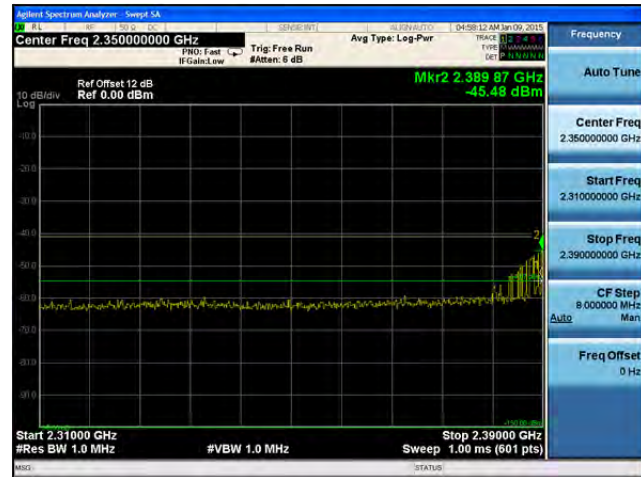
**Antenna C**



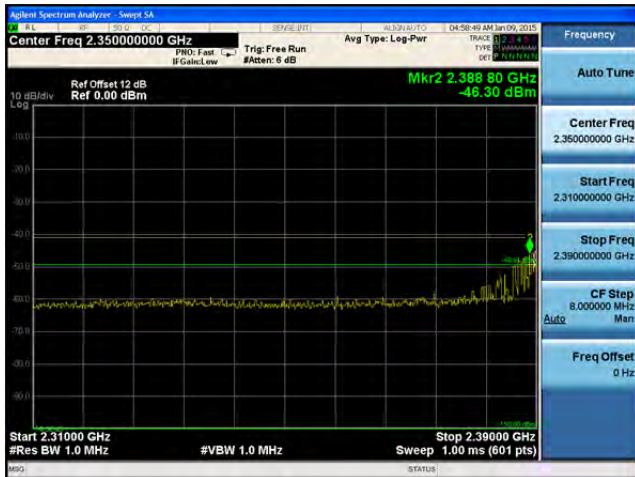
**Conducted Bandedge Peak, 2412 MHz, HT-20, M0 to M7**



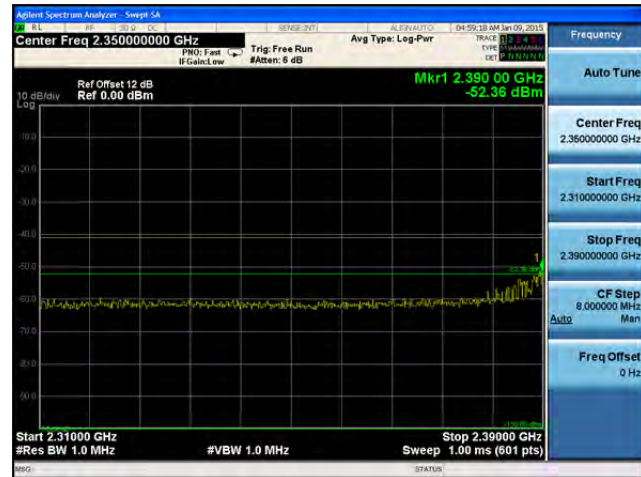
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

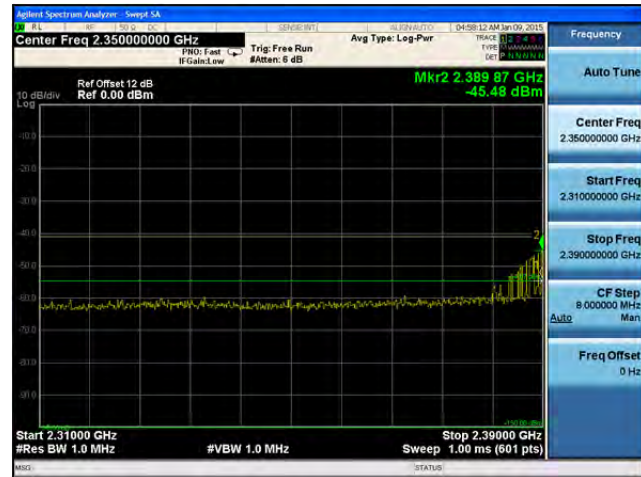




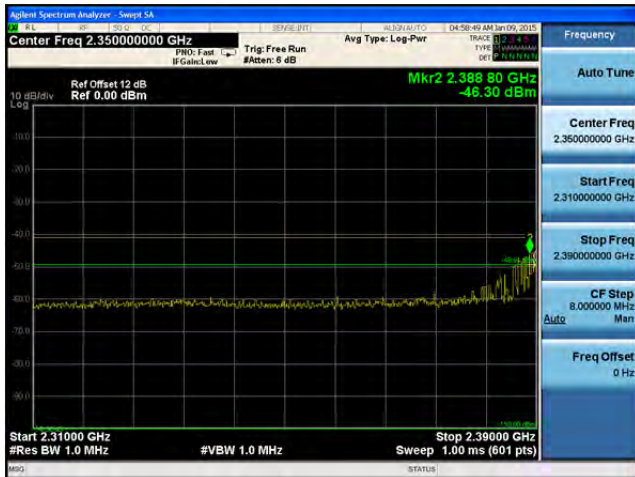
**Conducted Bandedge Peak, 2412 MHz, HT-20, M8 to M15**



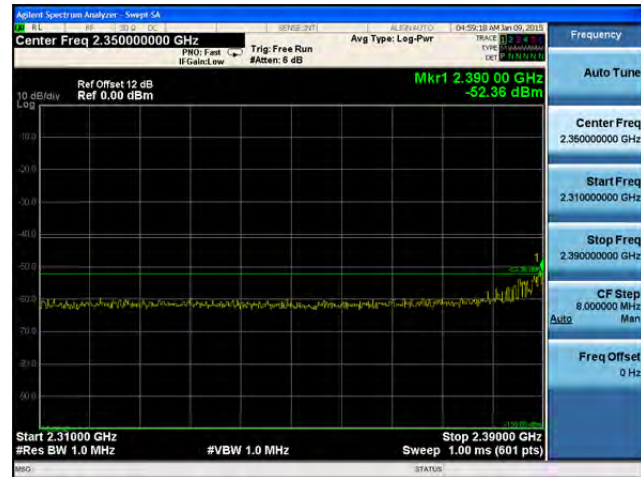
**Antenna A**



**Antenna B**



**Antenna C**



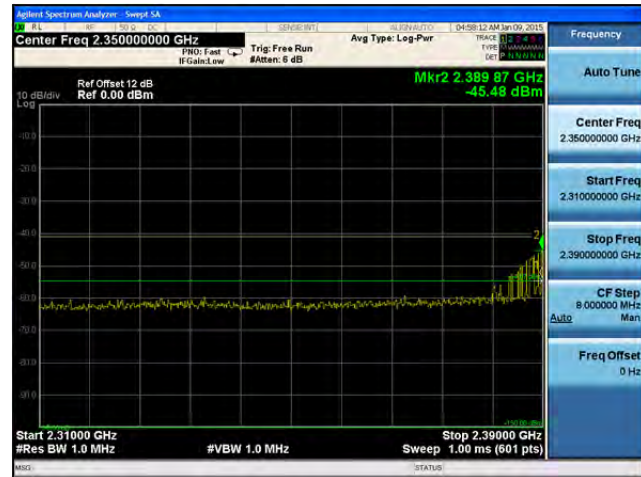
**Antenna D**



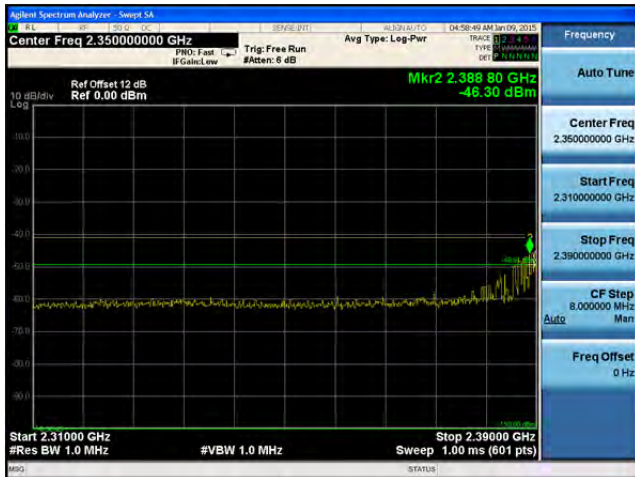
**Conducted Bandedge Peak, 2412 MHz, HT-20, M16 to M23**



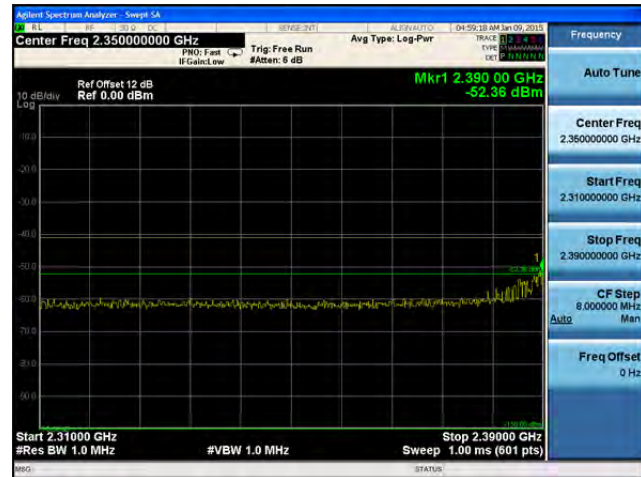
**Antenna A**



**Antenna B**



**Antenna C**



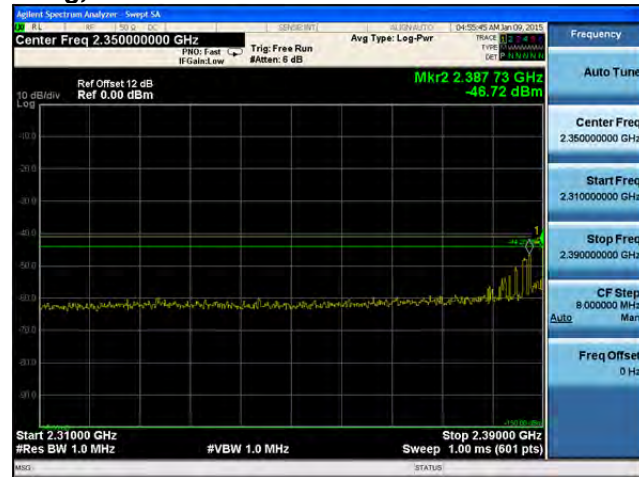
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



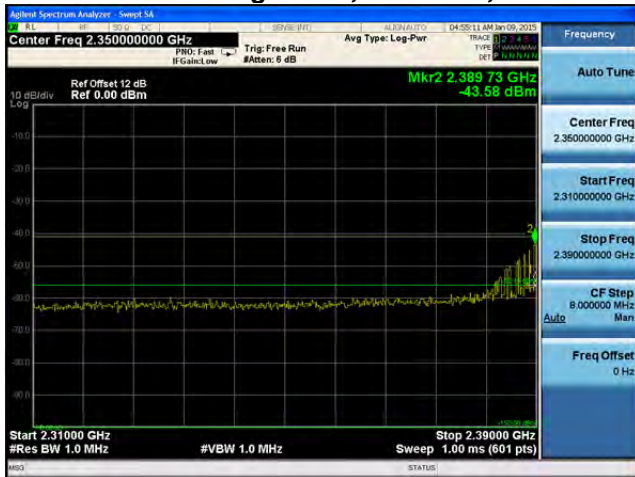
**Antenna A**



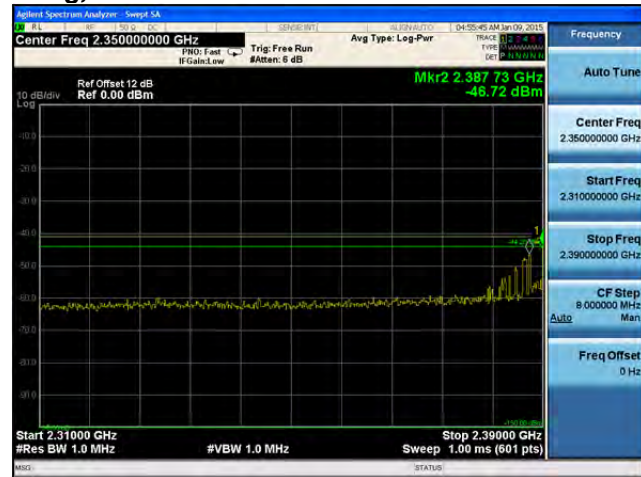
**Antenna B**



**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**

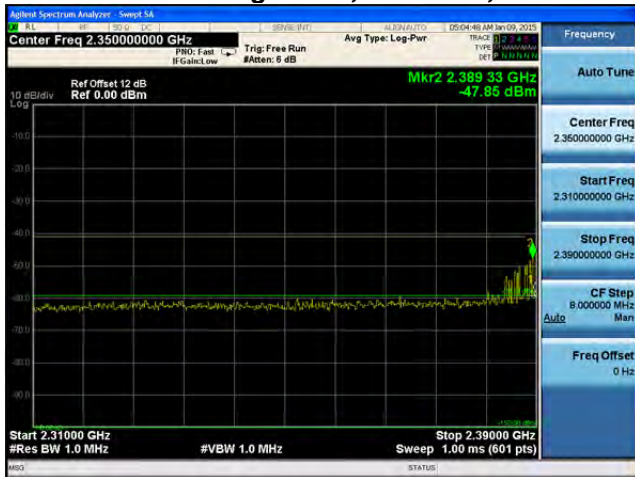


**Antenna B**

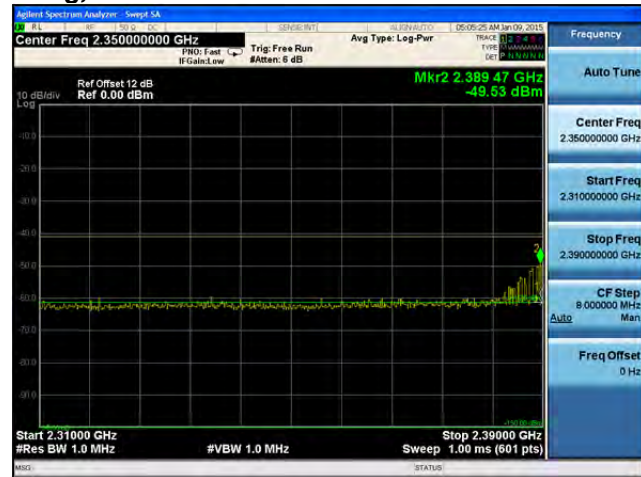




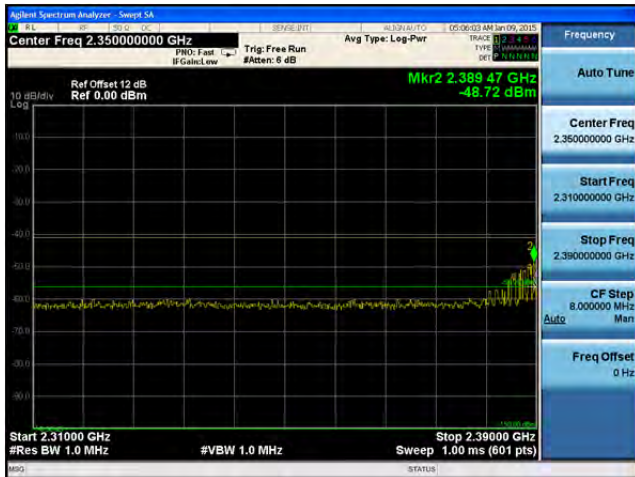
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**



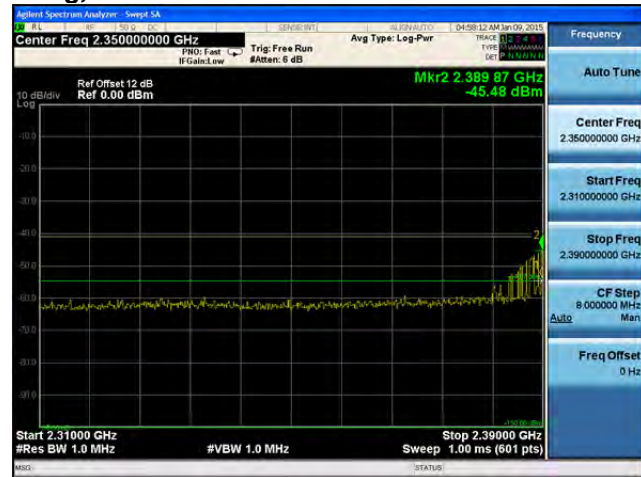
**Antenna C**



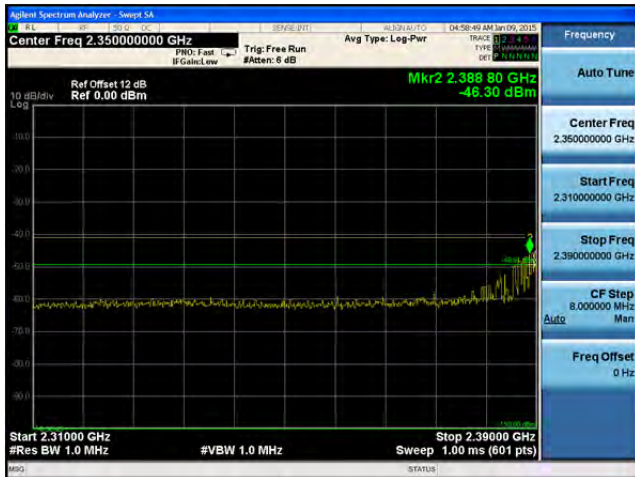
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



**Antenna B**



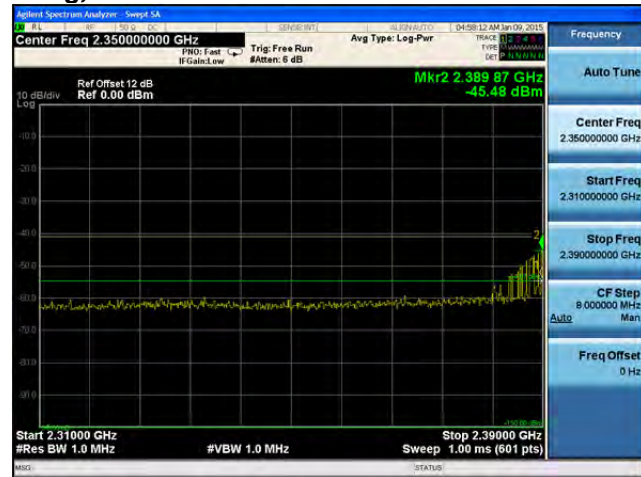
**Antenna C**



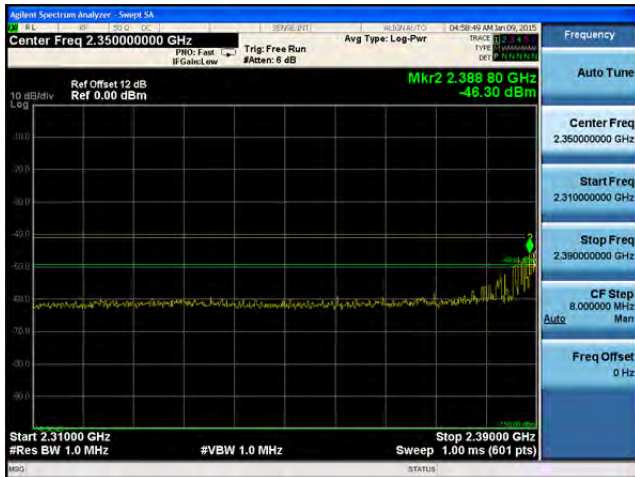
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



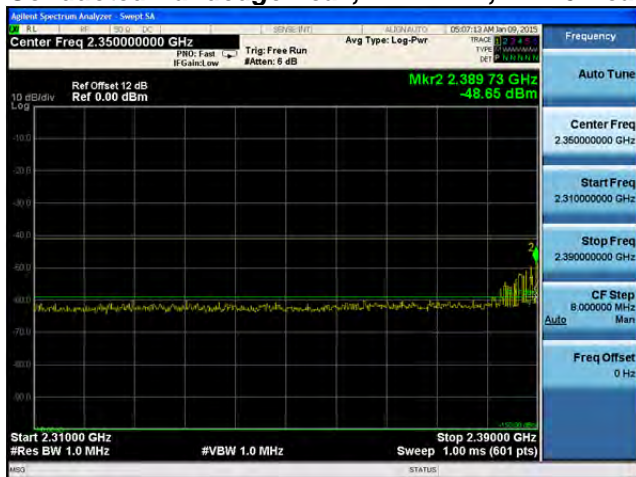
**Antenna B**



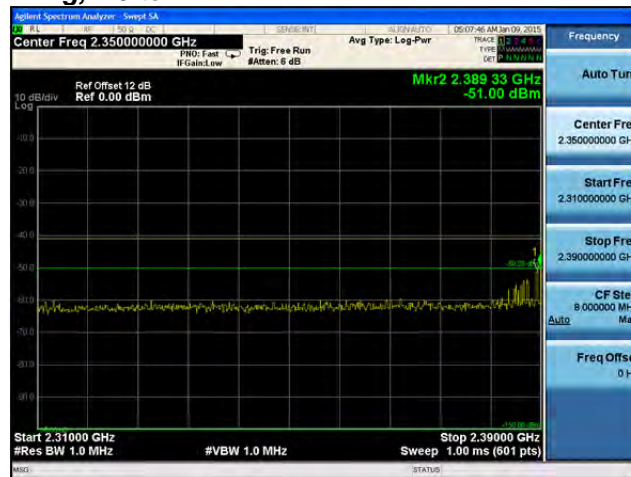
**Antenna C**



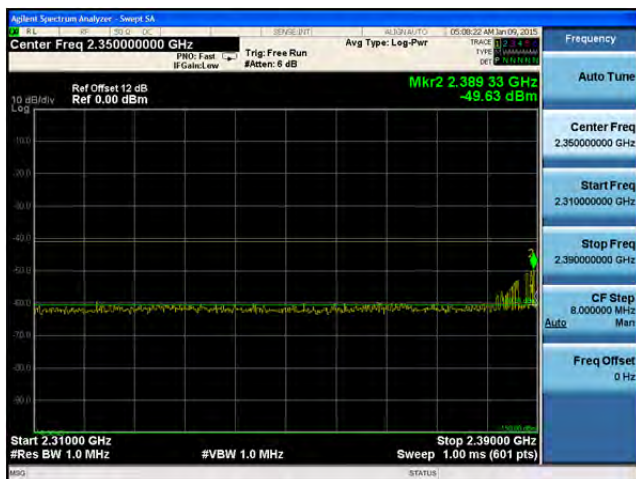
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M0 to M7**



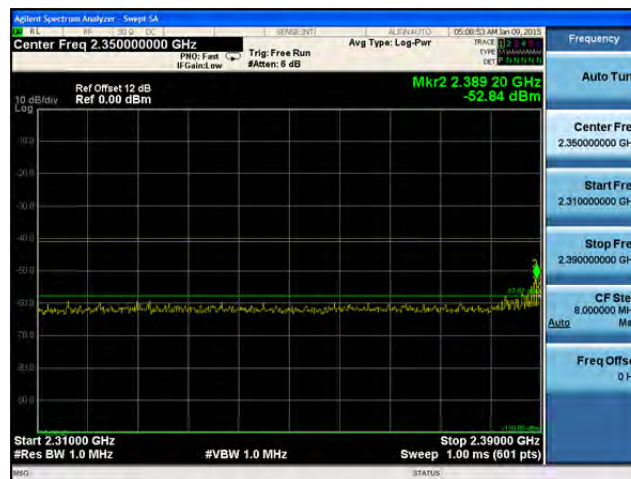
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

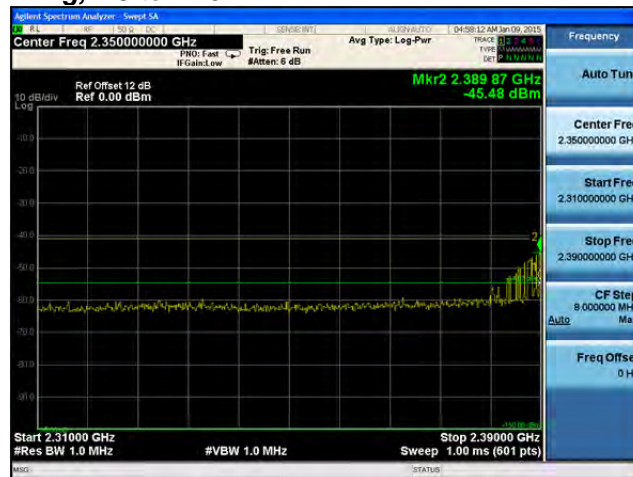




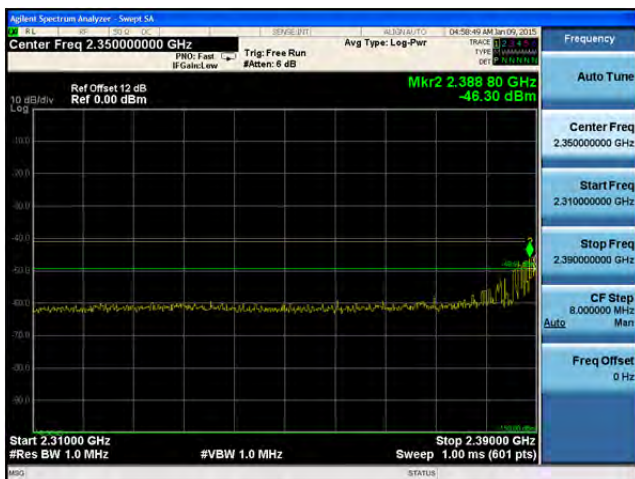
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M8 to M15**



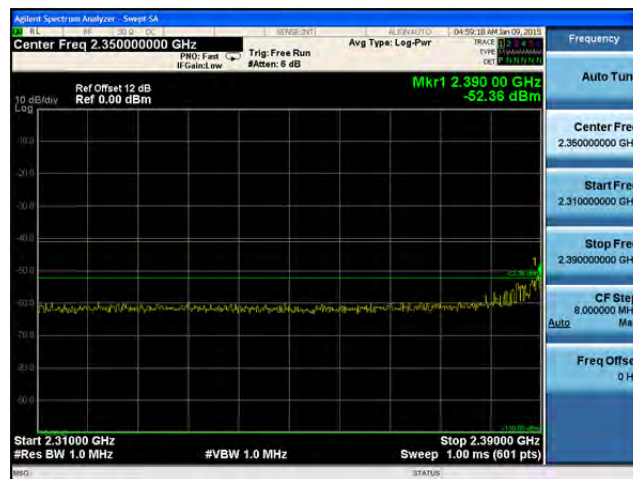
**Antenna A**



**Antenna B**



**Antenna C**



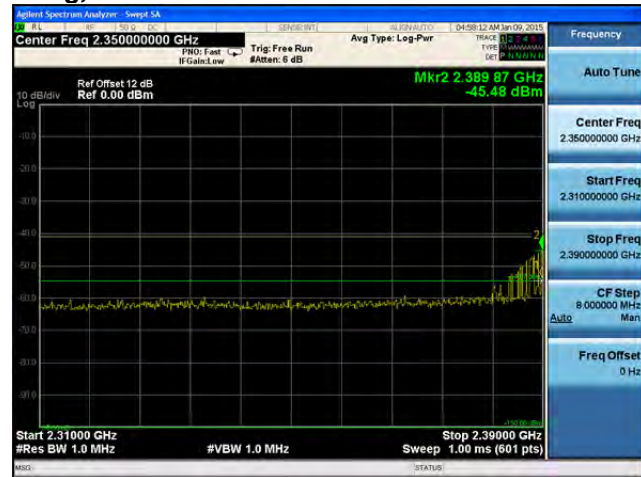
**Antenna D**



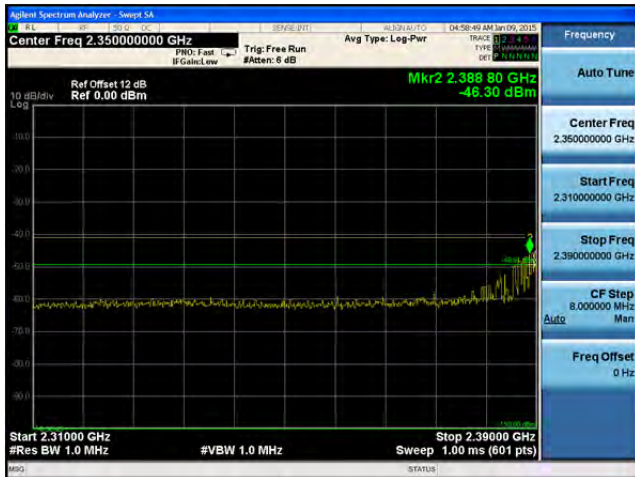
**Conducted Bandedge Peak, 2412 MHz, HT-20 Beam Forming, M16 to M23**



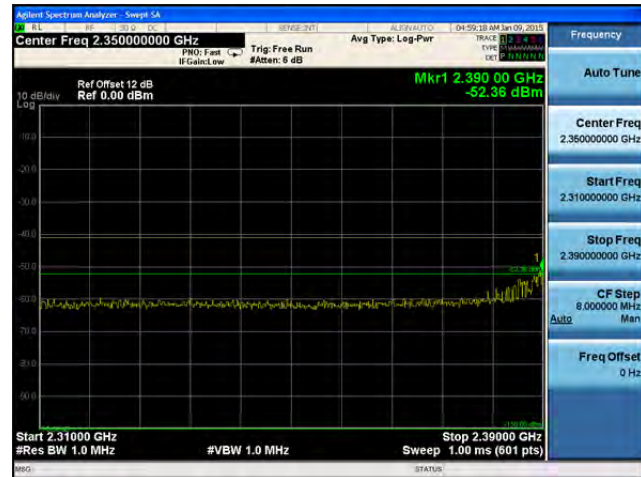
**Antenna A**



**Antenna B**



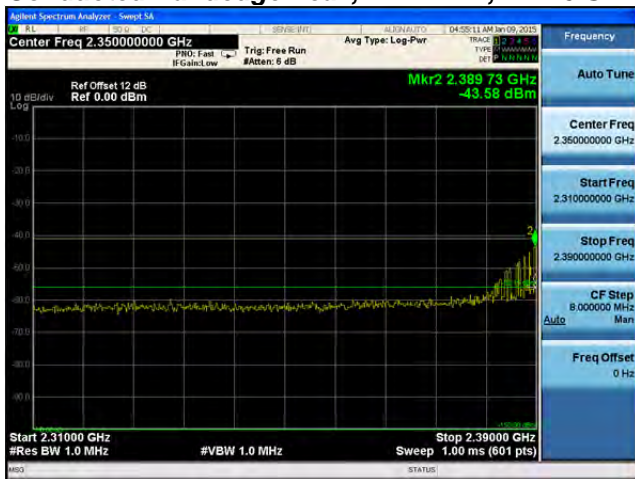
**Antenna C**



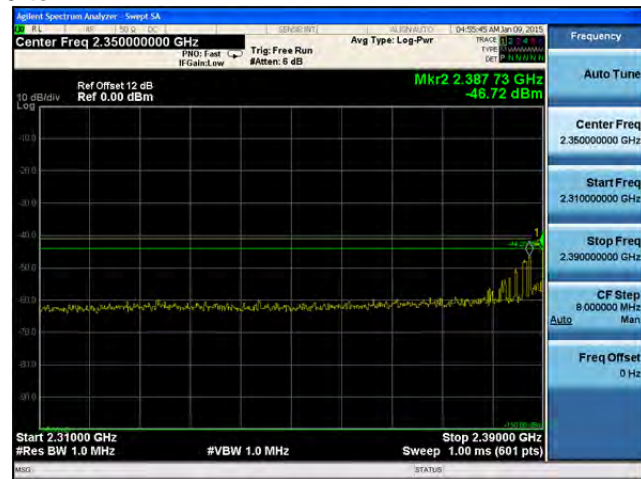
**Antenna D**



**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



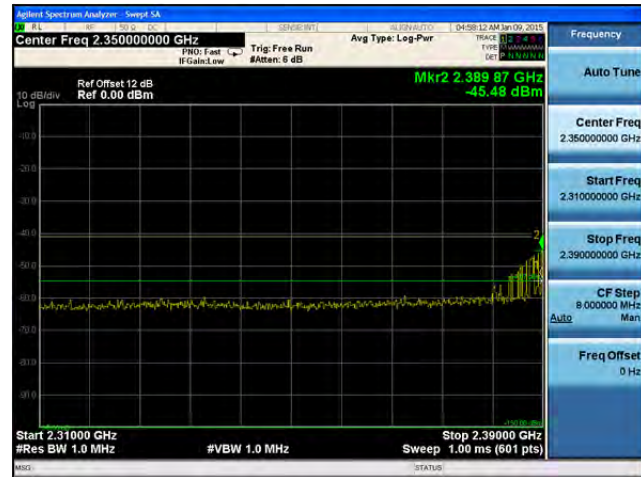
**Antenna B**



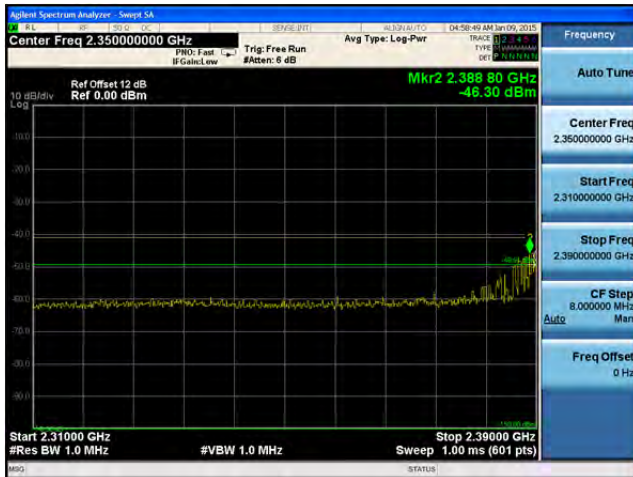
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



**Antenna B**



**Antenna C**

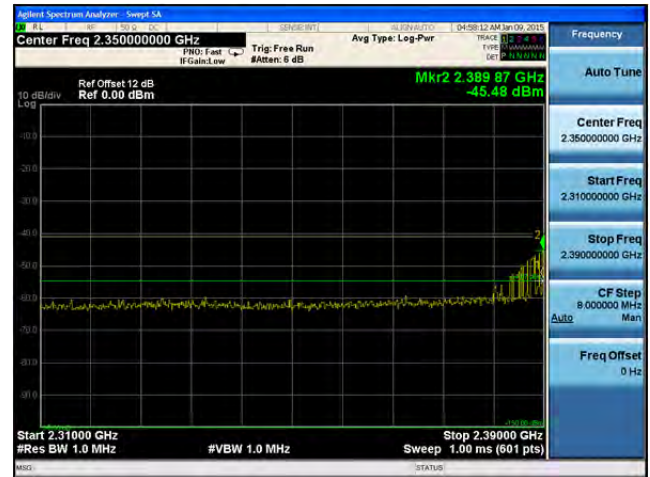




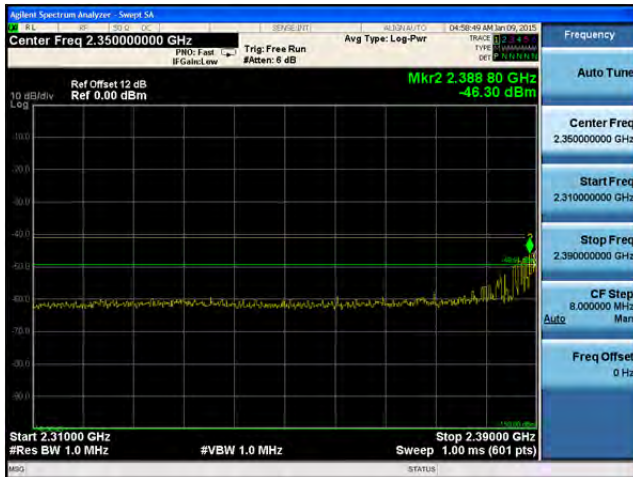
**Conducted Bandedge Peak, 2412 MHz, HT-20 STBC, M0 to M7**



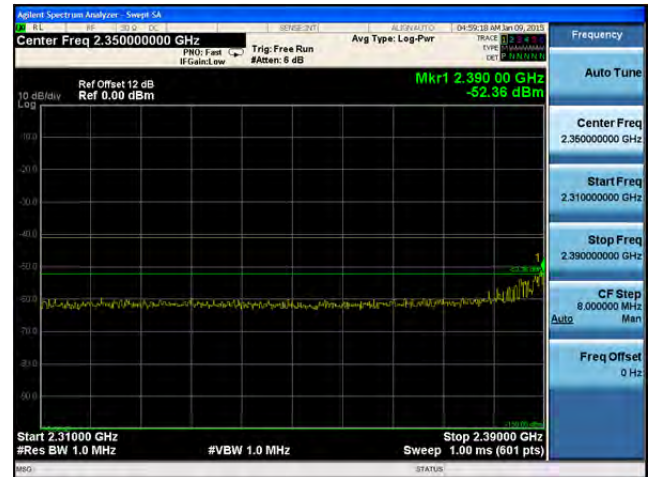
**Antenna A**



**Antenna B**



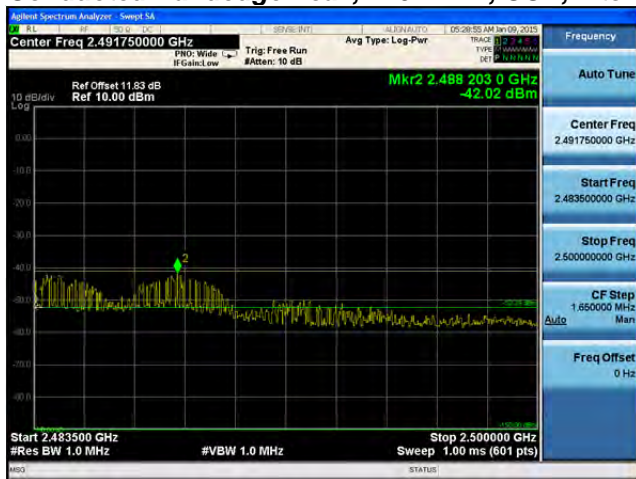
**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



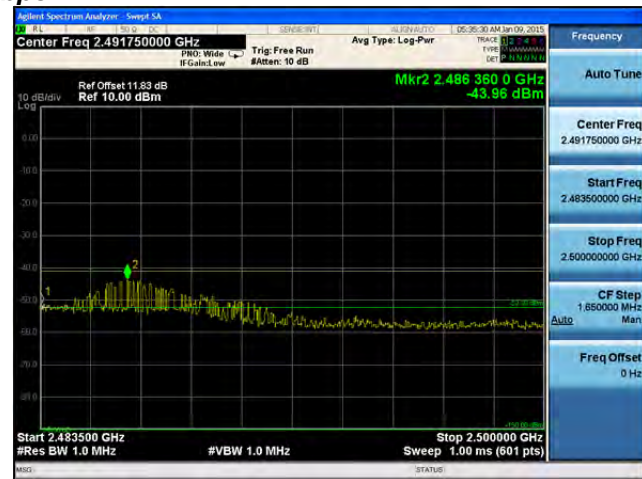
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



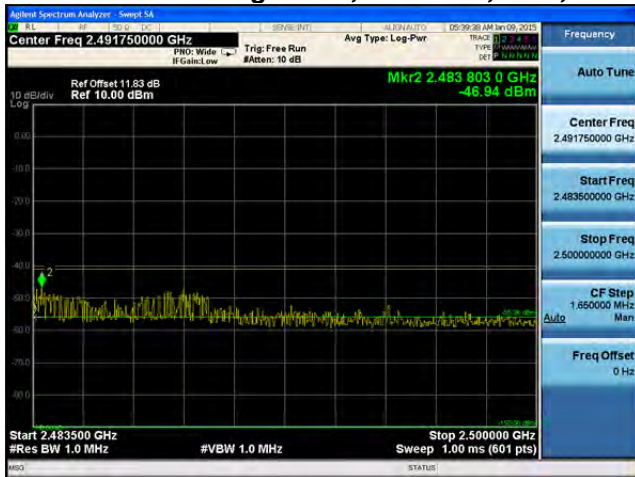
**Antenna A**



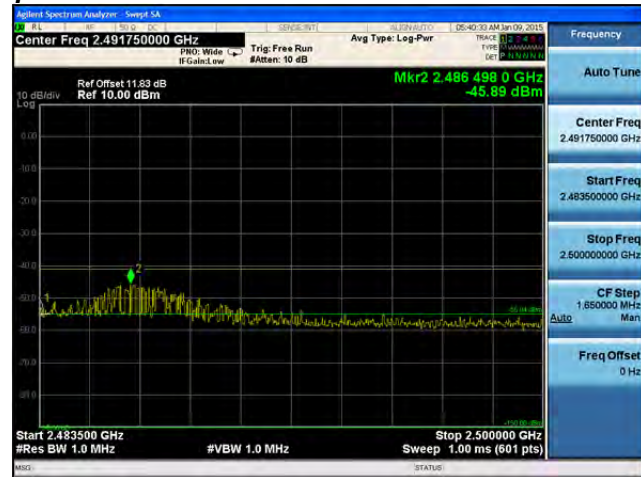
**Antenna B**



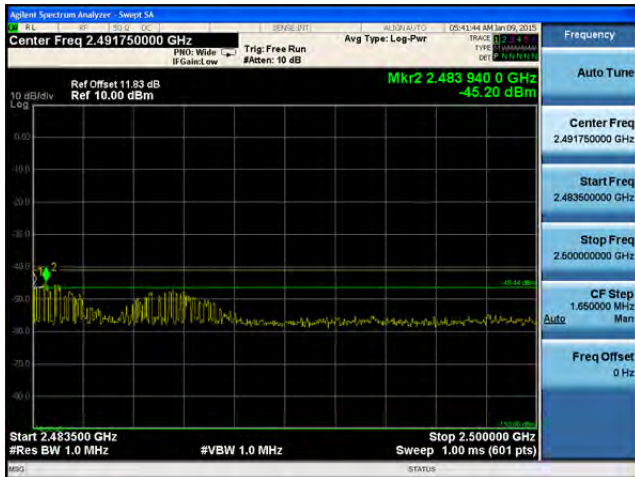
**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



**Antenna A**



**Antenna B**

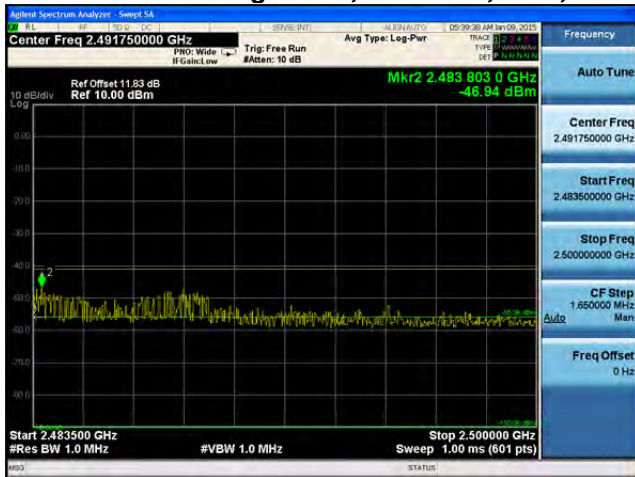


**Antenna C**

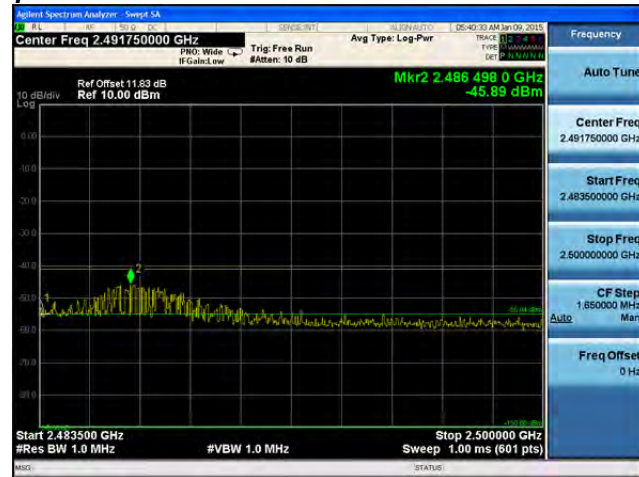




**Conducted Bandedge Peak, 2462 MHz, CCK, 1 to 11 Mbps**



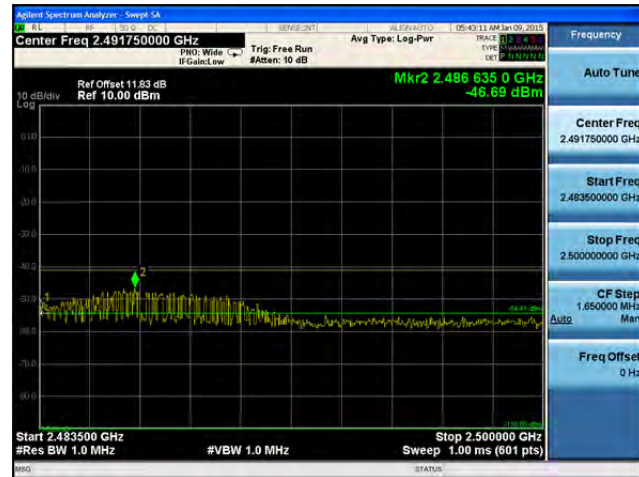
**Antenna A**



**Antenna B**



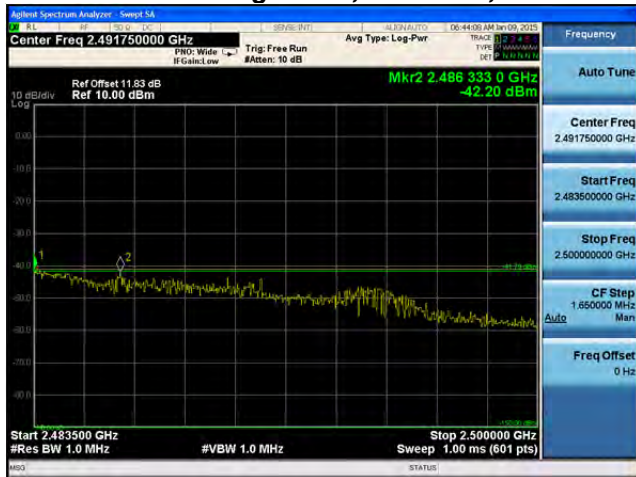
**Antenna C**



**Antenna D**



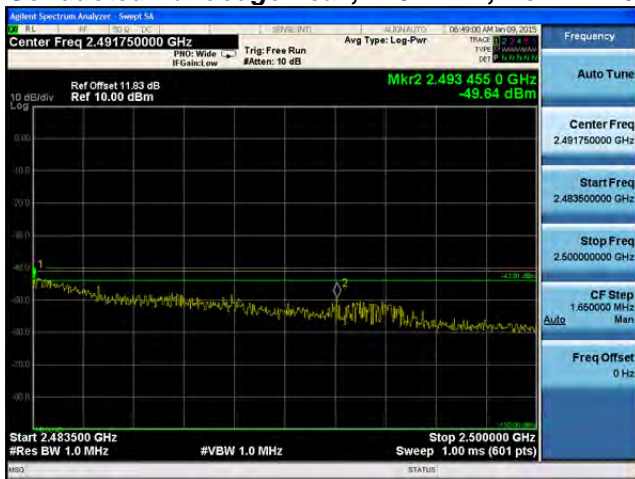
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



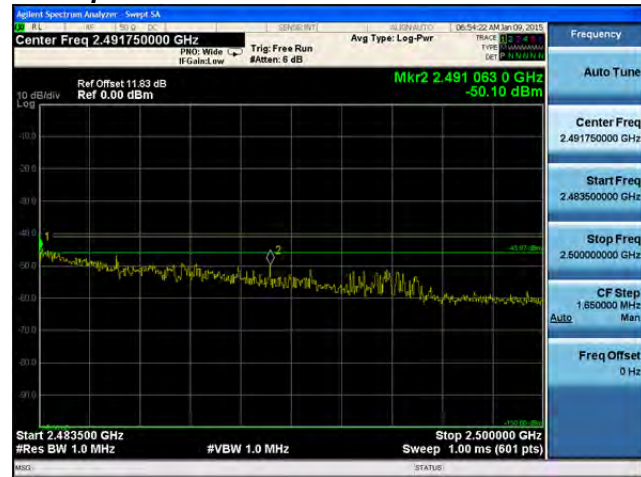
**Antenna B**



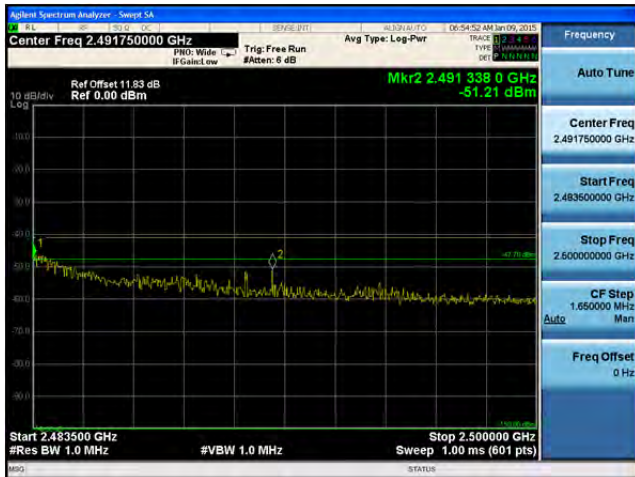
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



**Antenna A**



**Antenna B**

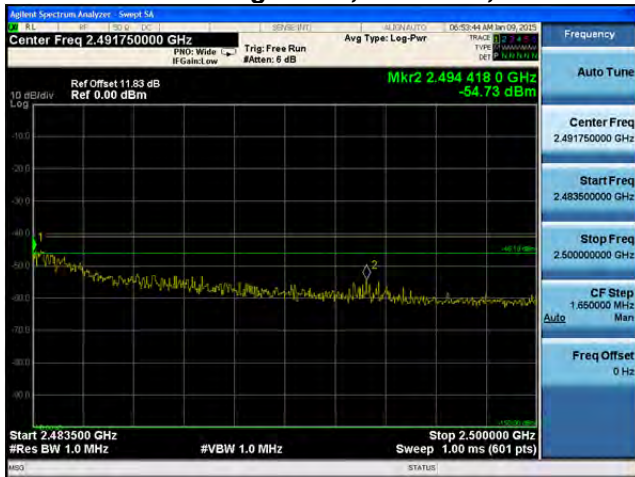


**Antenna C**





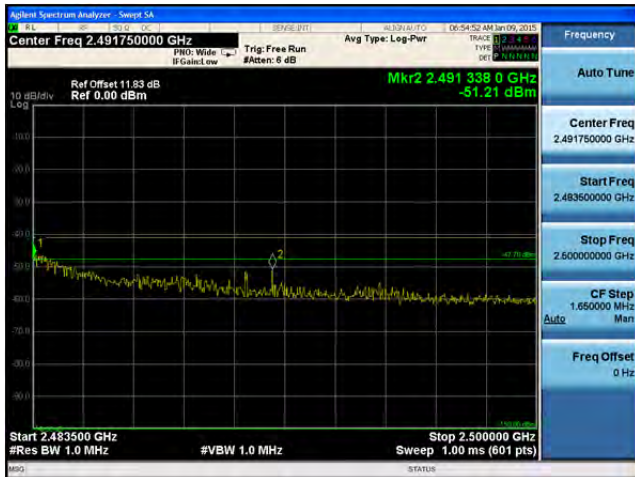
**Conducted Bandedge Peak, 2462 MHz, Non HT-20, 6 to 54 Mbps**



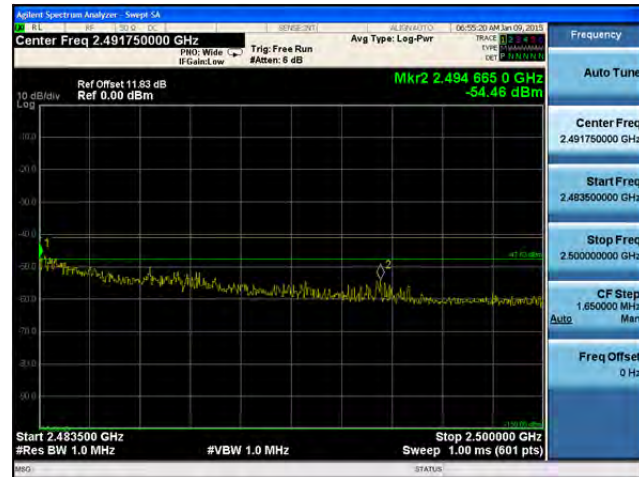
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



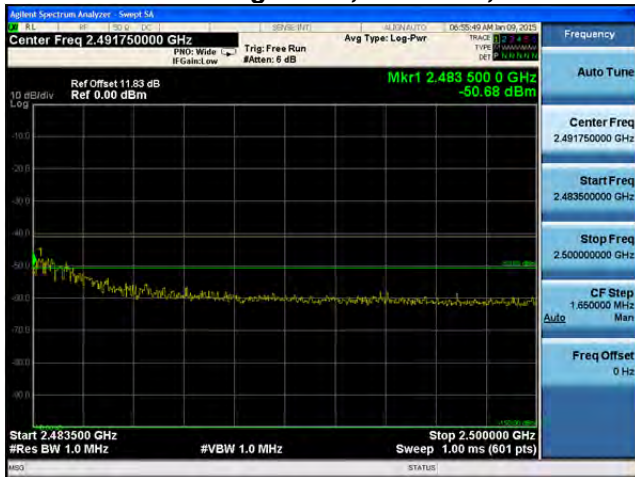
**Antenna A**



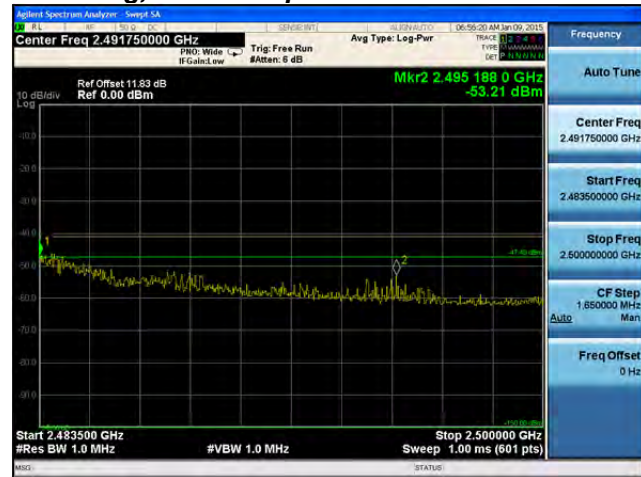
**Antenna B**



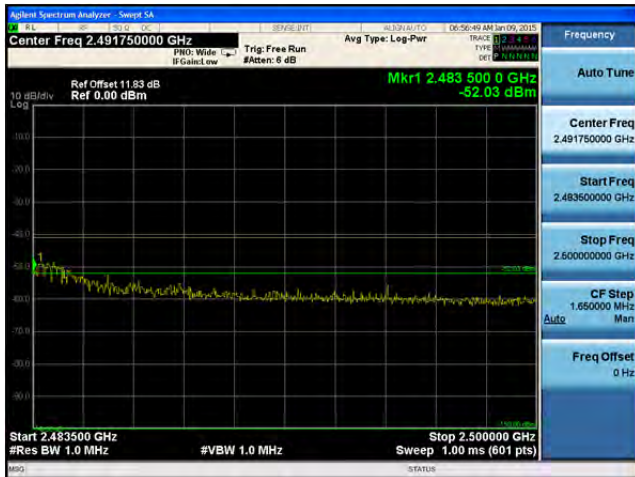
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



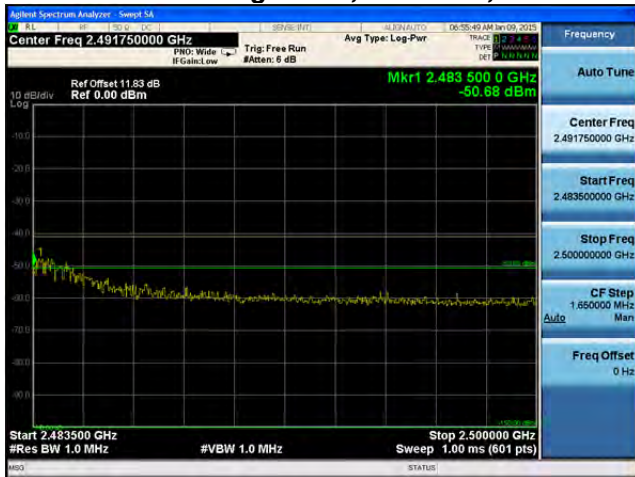
**Antenna B**



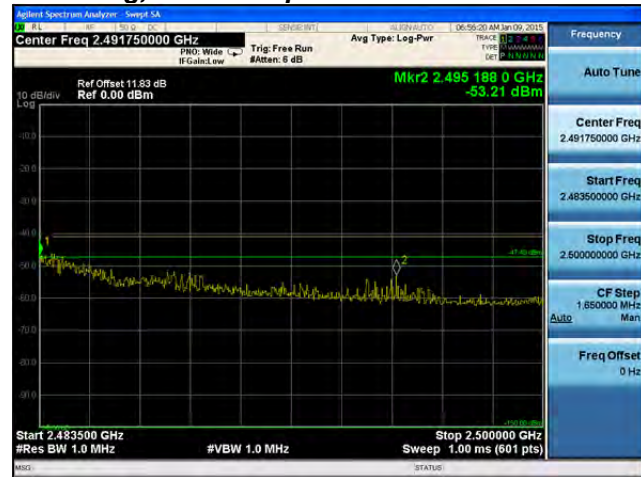
**Antenna C**



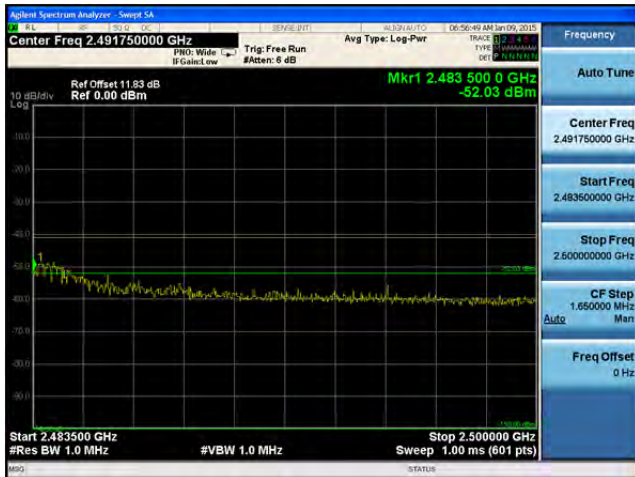
**Conducted Bandedge Peak, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**



**Antenna A**



**Antenna B**



**Antenna C**

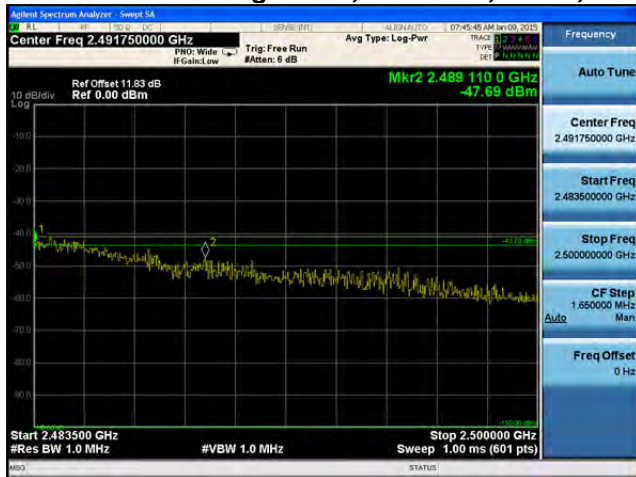


**Antenna D**





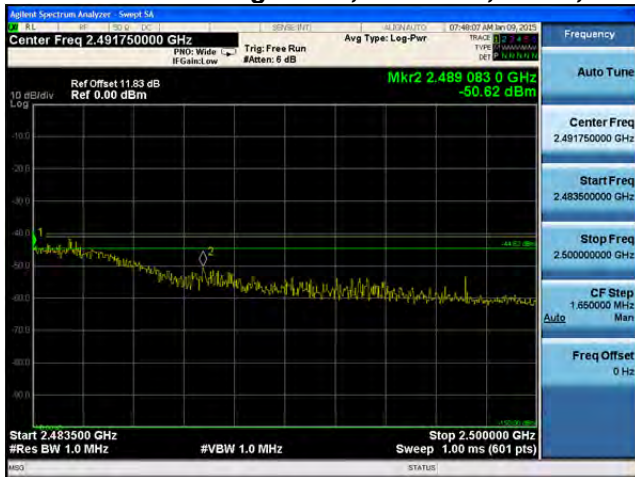
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



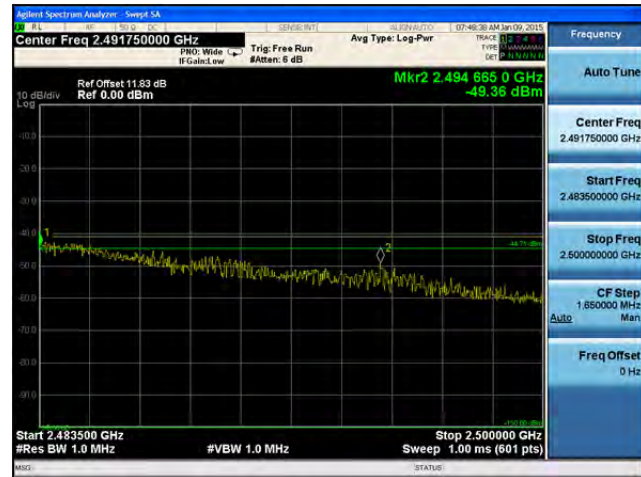
**Antenna A**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



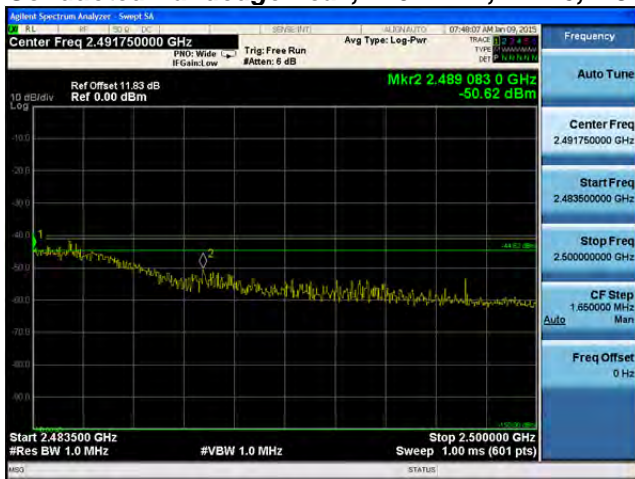
**Antenna A**



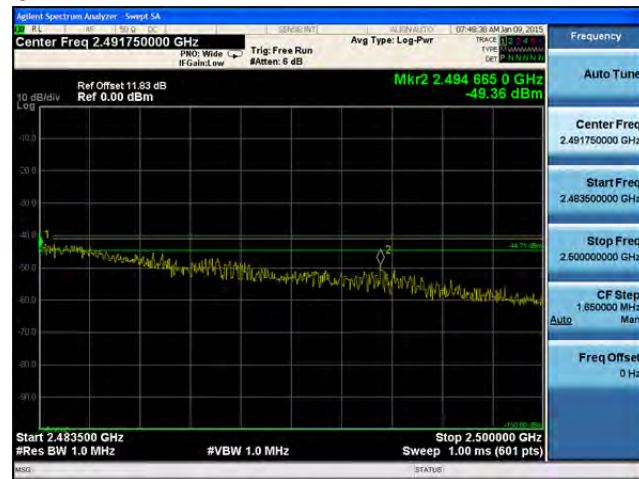
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



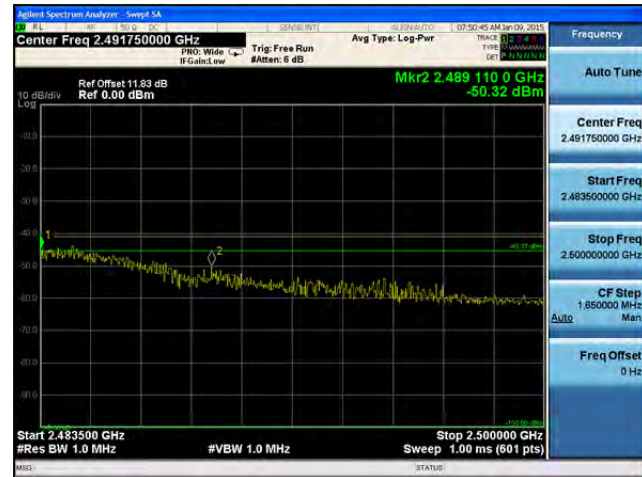
**Antenna B**



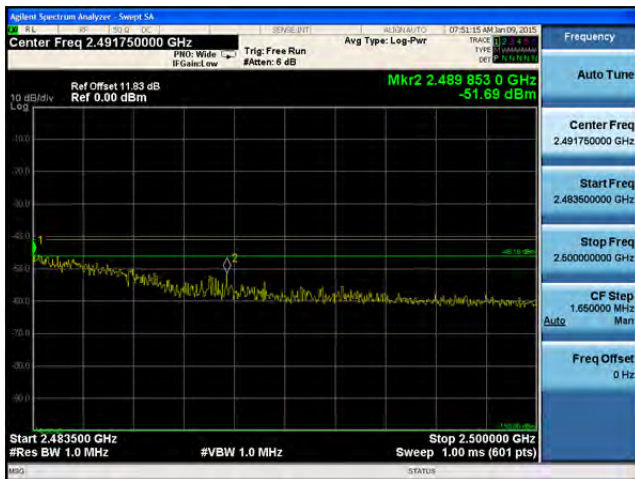
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



**Antenna A**



**Antenna B**

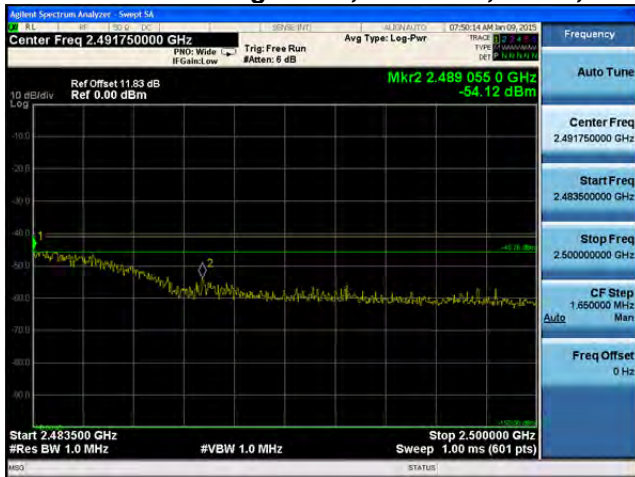


**Antenna C**

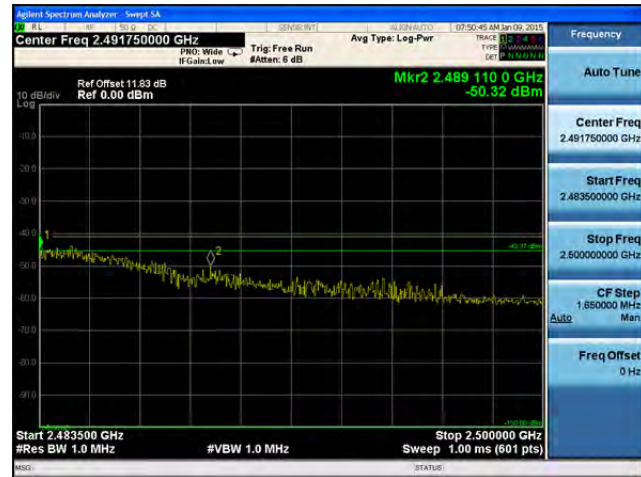




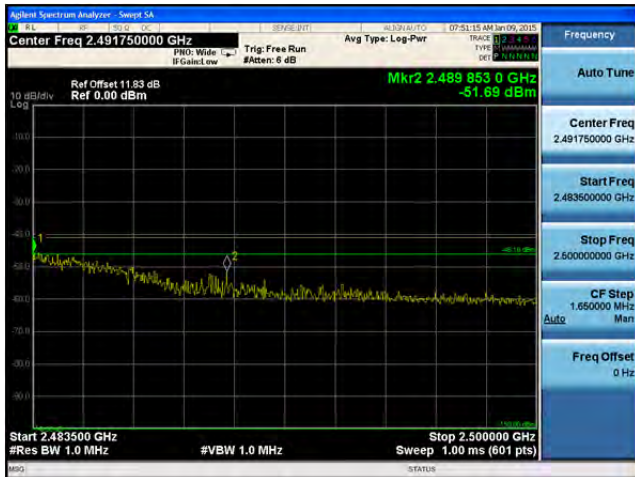
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



**Antenna A**



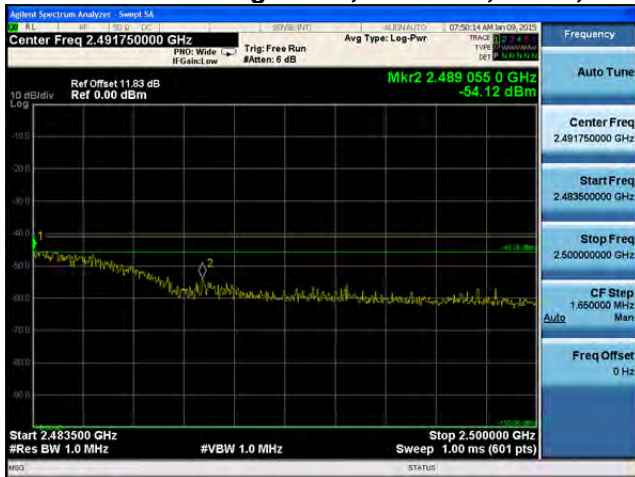
**Antenna B**



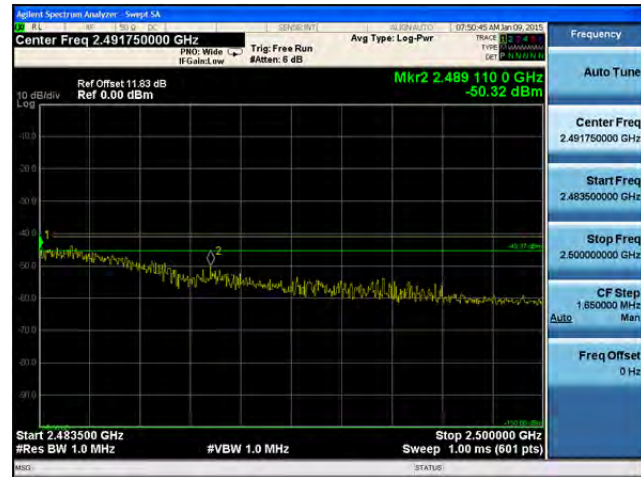
**Antenna C**



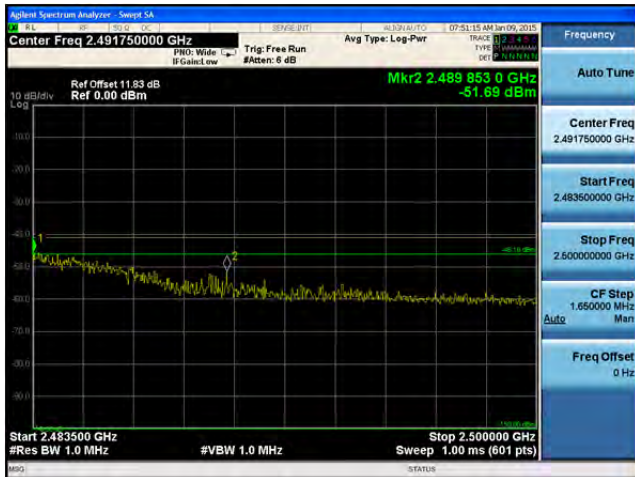
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



**Antenna A**



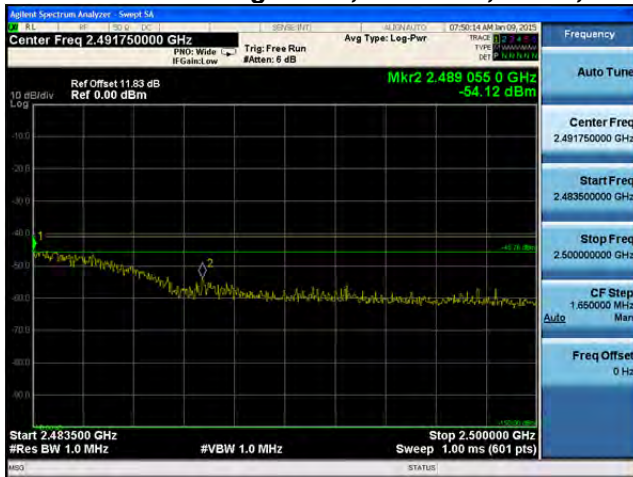
**Antenna B**



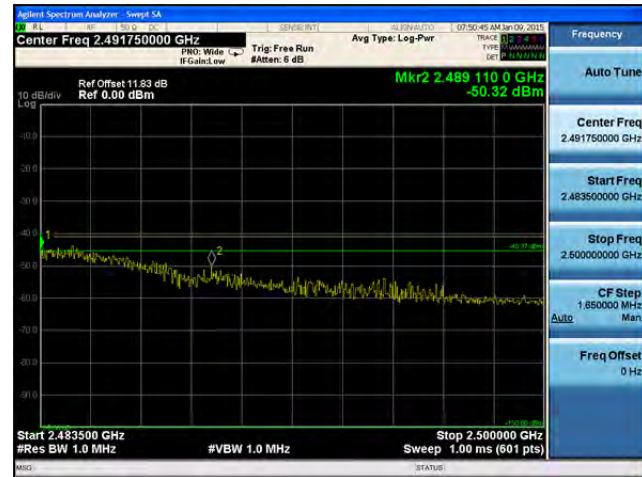
**Antenna C**



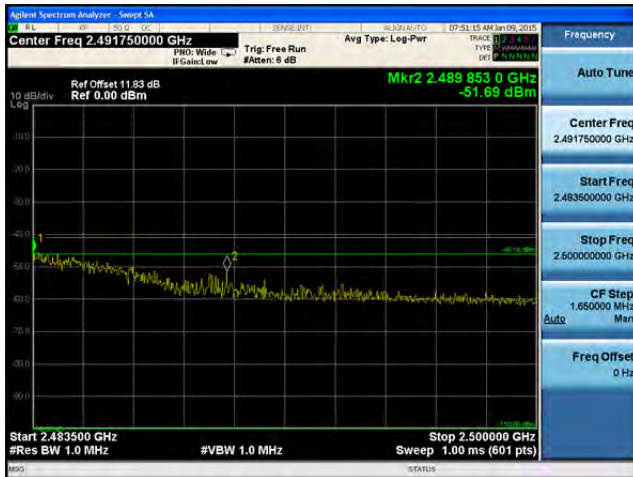
**Conducted Bandedge Peak, 2462 MHz, HT-20, M0 to M7**



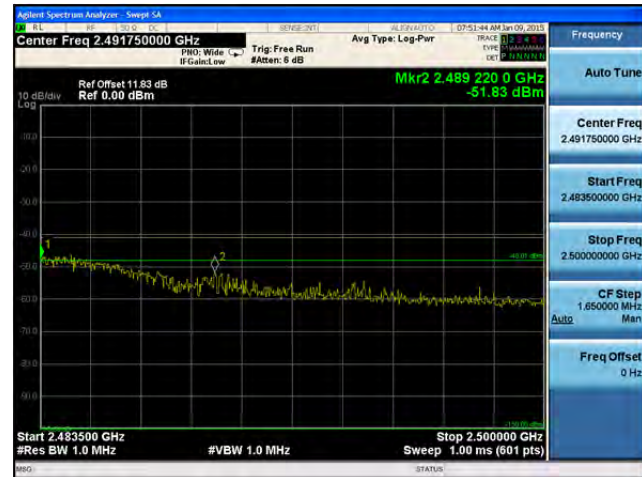
**Antenna A**



**Antenna B**



**Antenna C**

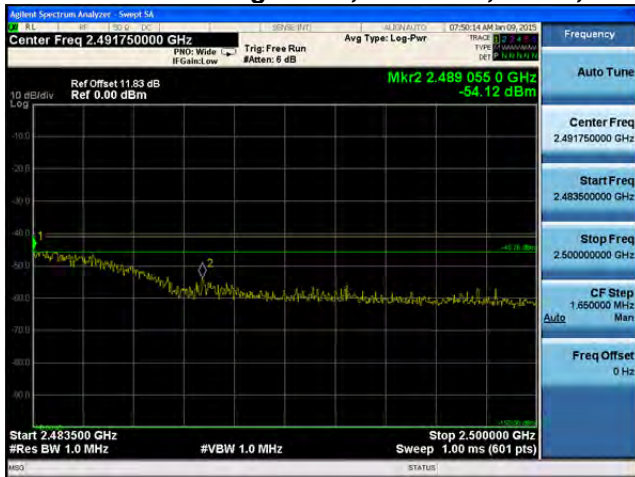


**Antenna D**

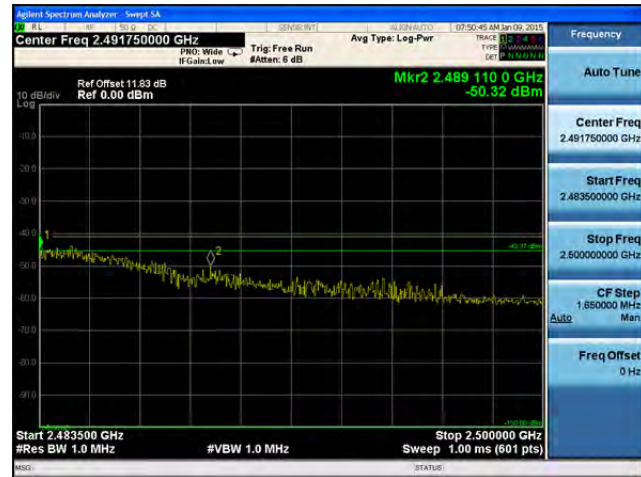




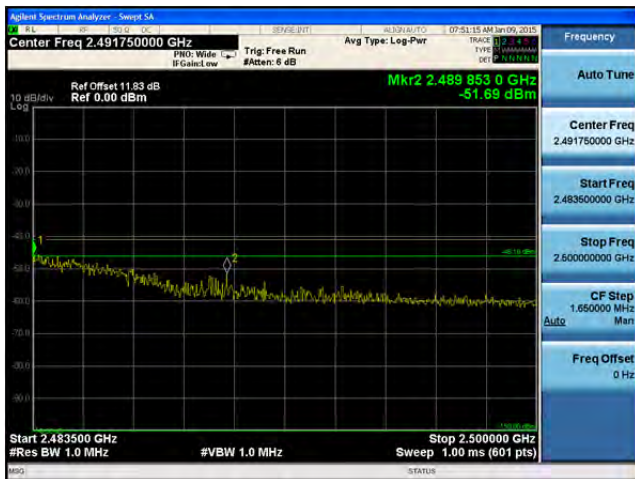
**Conducted Bandedge Peak, 2462 MHz, HT-20, M8 to M15**



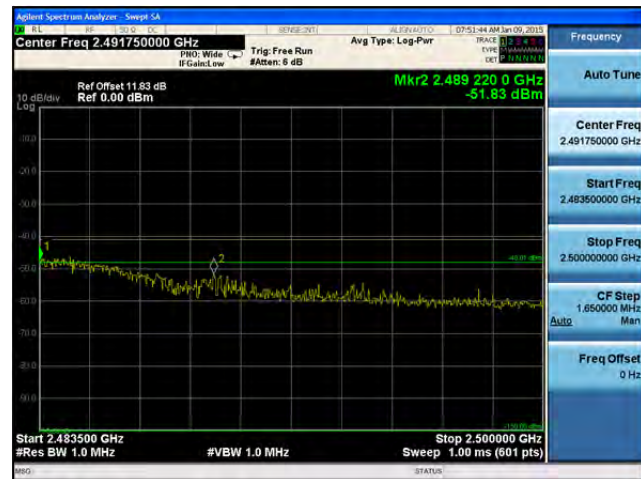
**Antenna A**



**Antenna B**



**Antenna C**

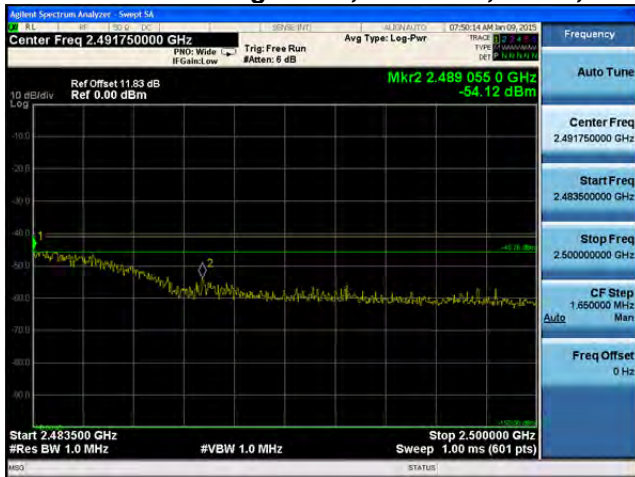


**Antenna D**

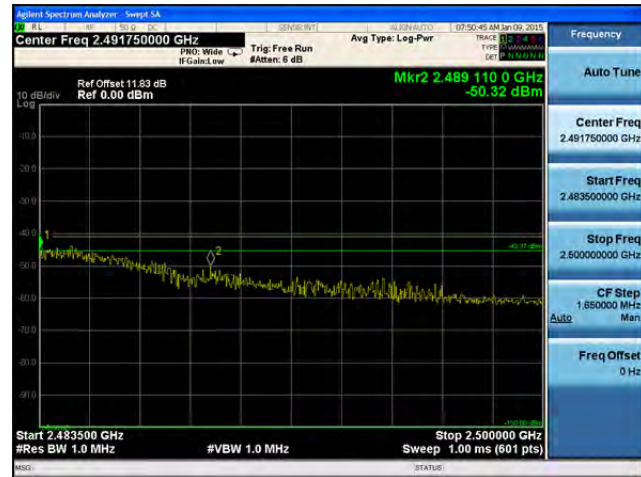




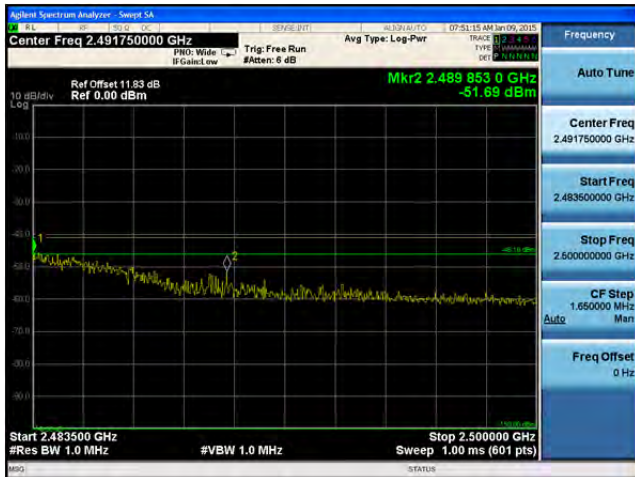
**Conducted Bandedge Peak, 2462 MHz, HT-20, M16 to M23**



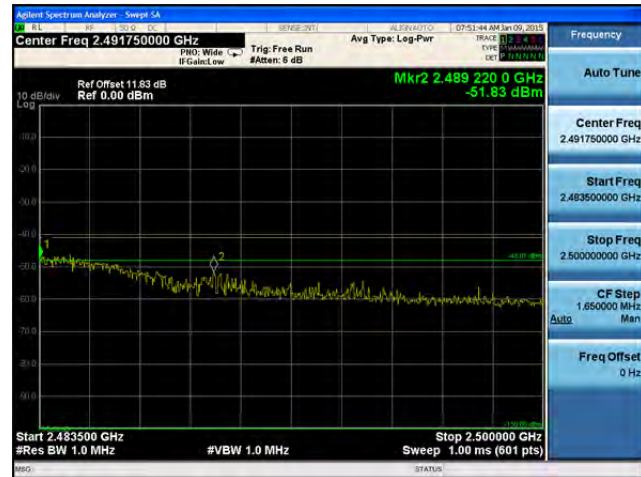
**Antenna A**



**Antenna B**



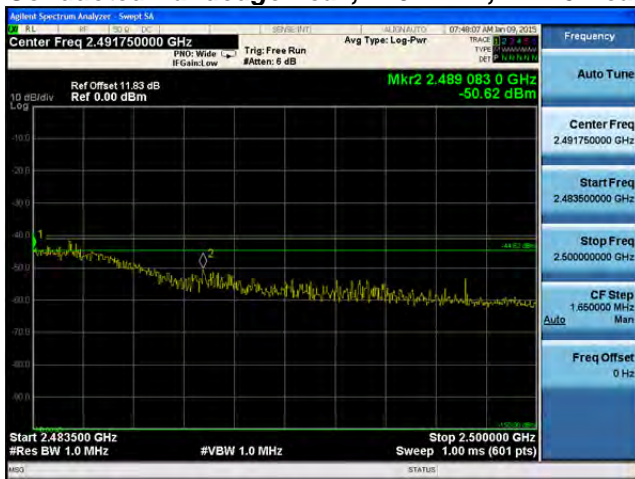
**Antenna C**



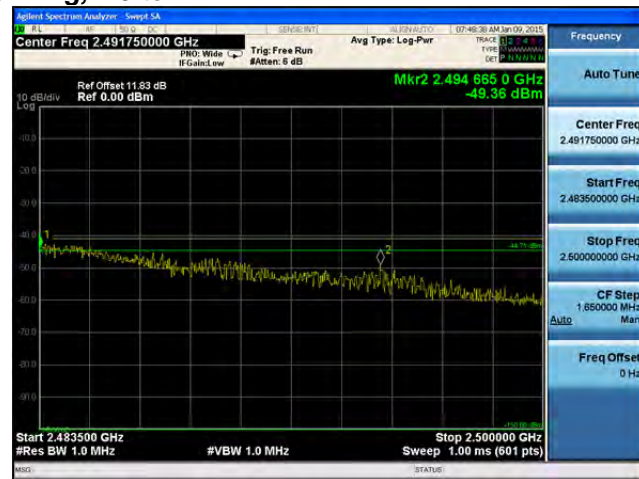
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



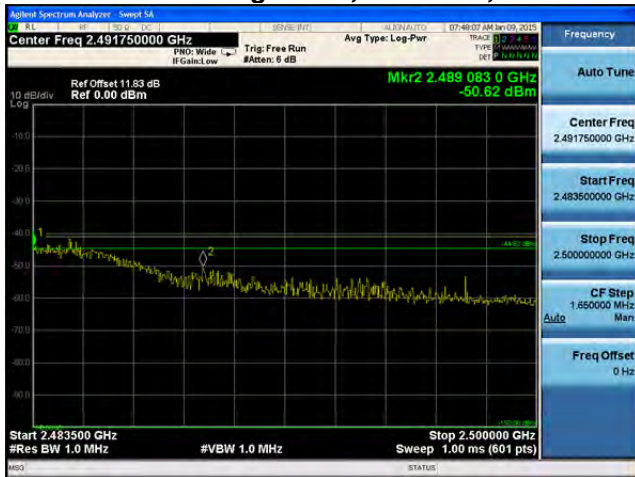
**Antenna A**



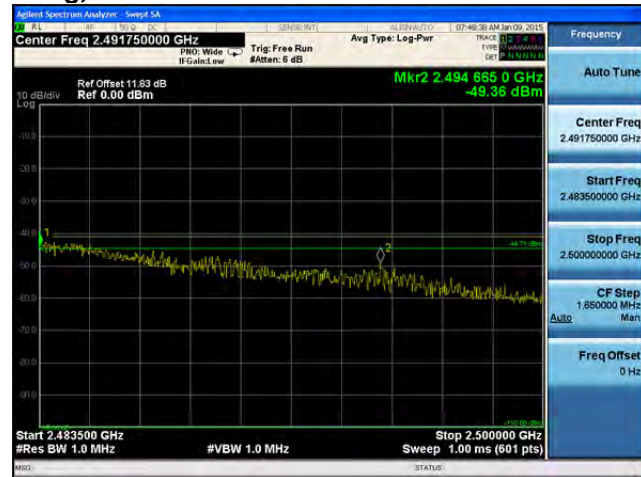
**Antenna B**



**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



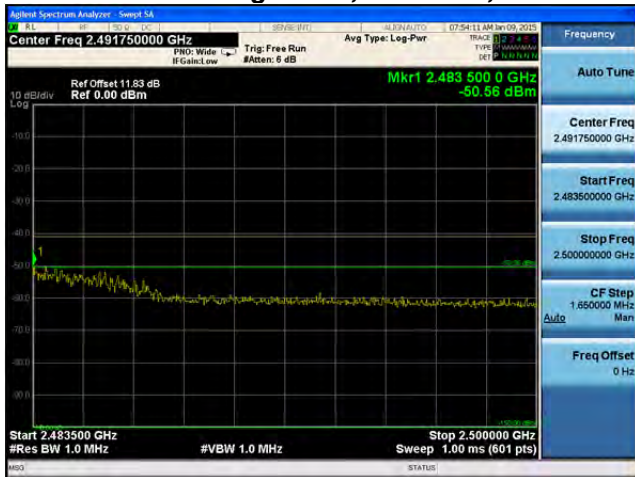
**Antenna A**



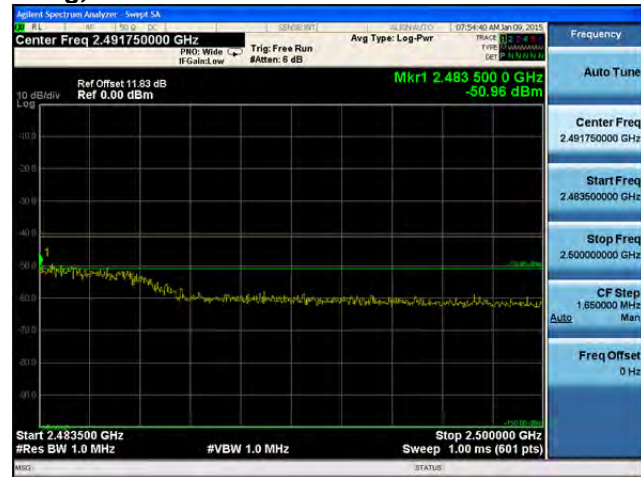
**Antenna B**



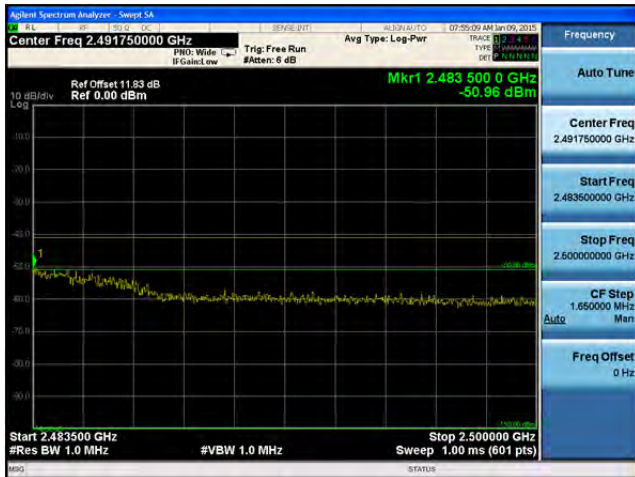
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



**Antenna A**



**Antenna B**

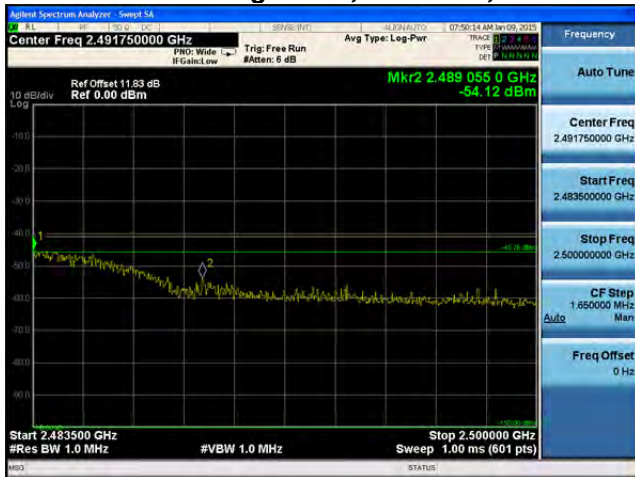


**Antenna C**

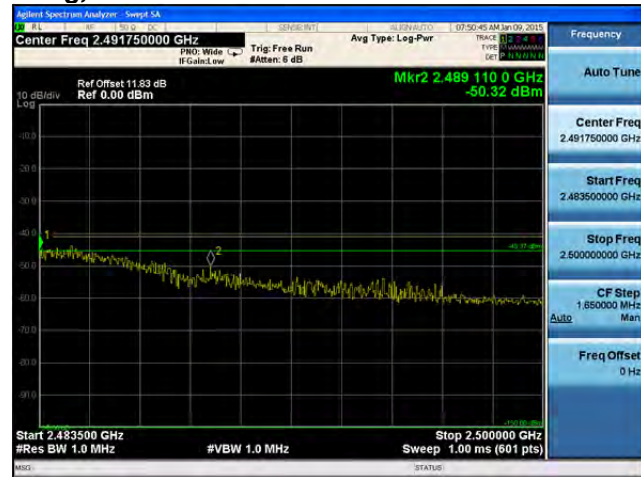




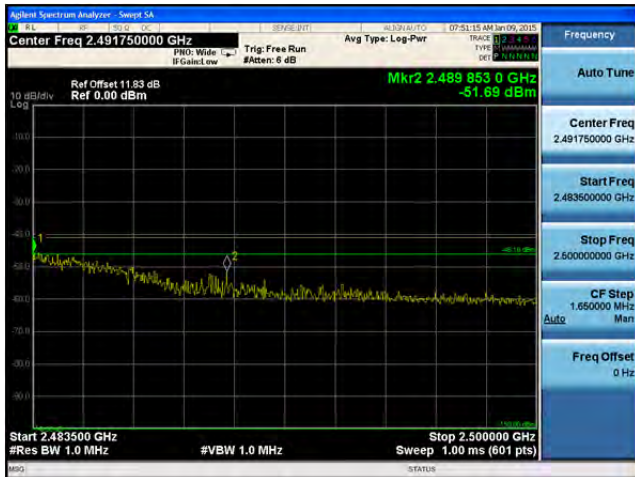
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



**Antenna A**



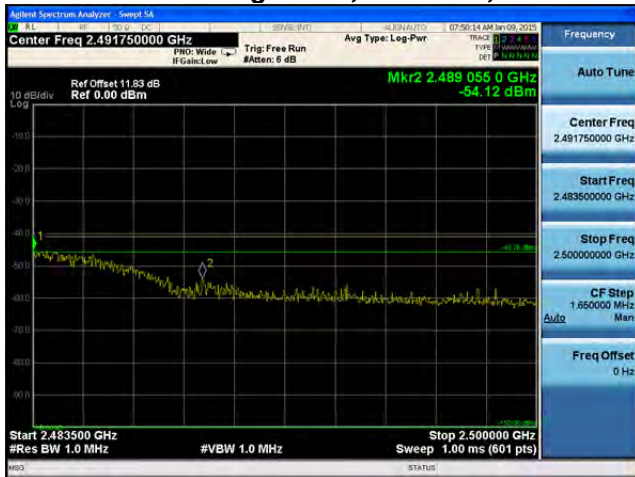
**Antenna B**



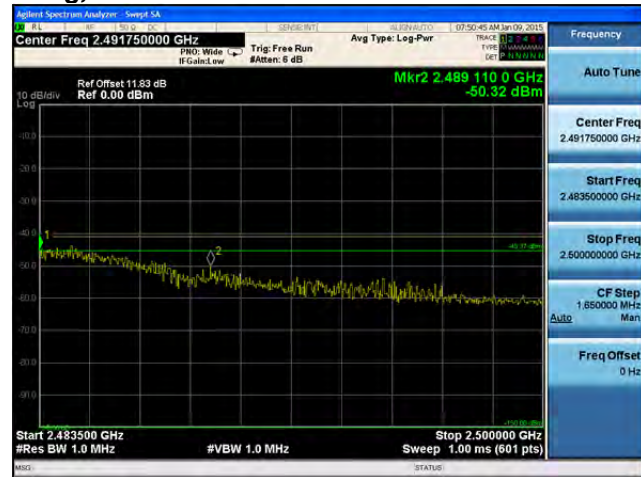
**Antenna C**



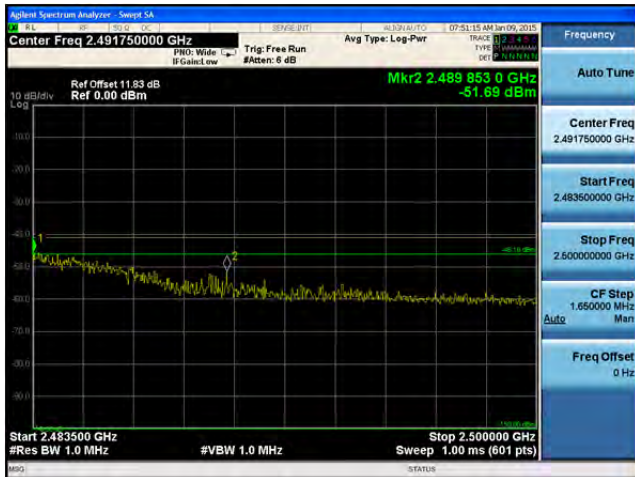
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



**Antenna A**



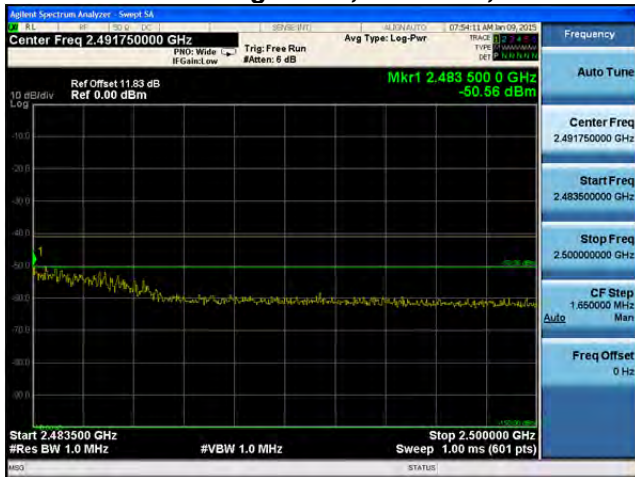
**Antenna B**



**Antenna C**



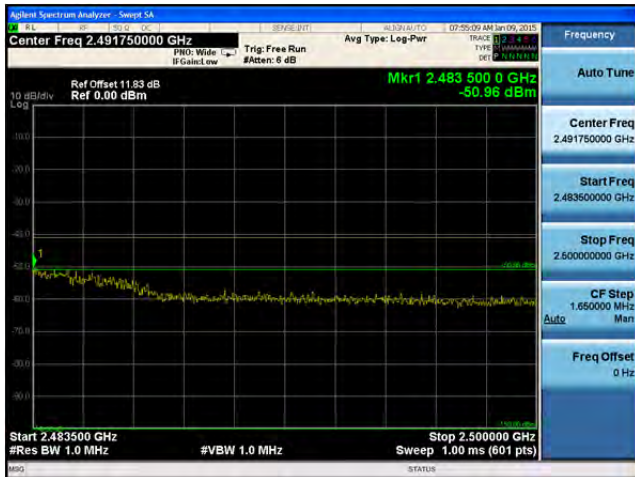
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7**



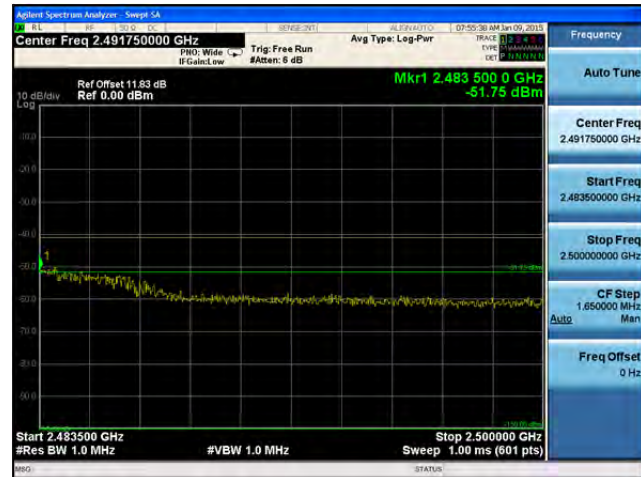
**Antenna A**



**Antenna B**



**Antenna C**

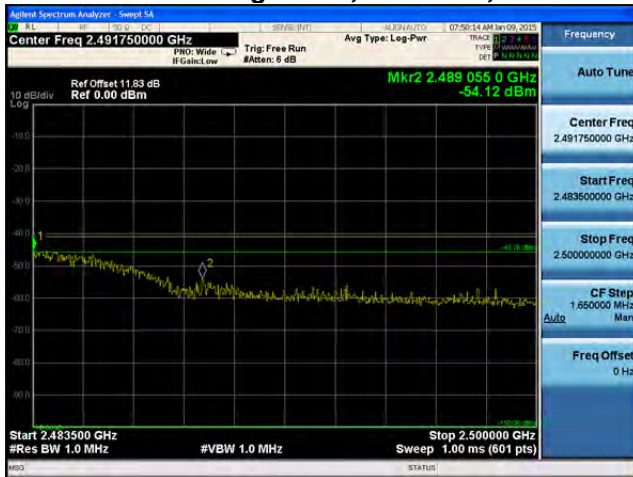


**Antenna D**

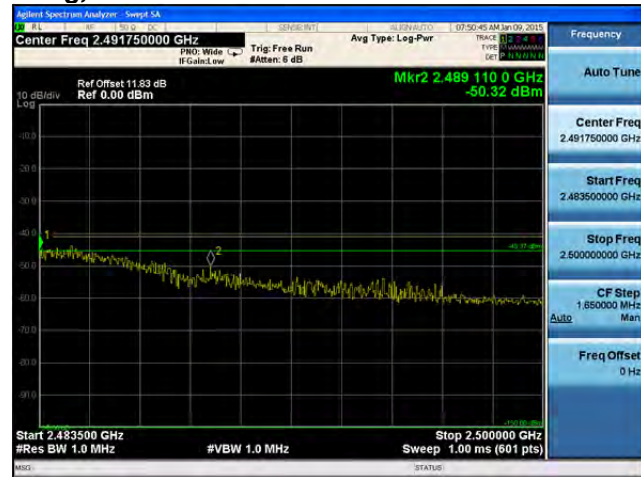




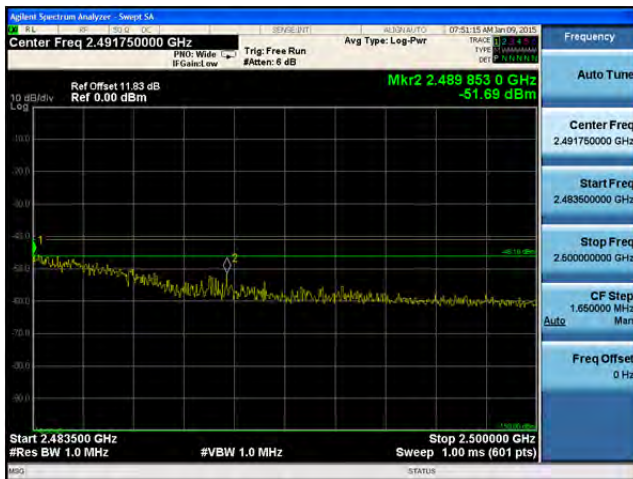
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15**



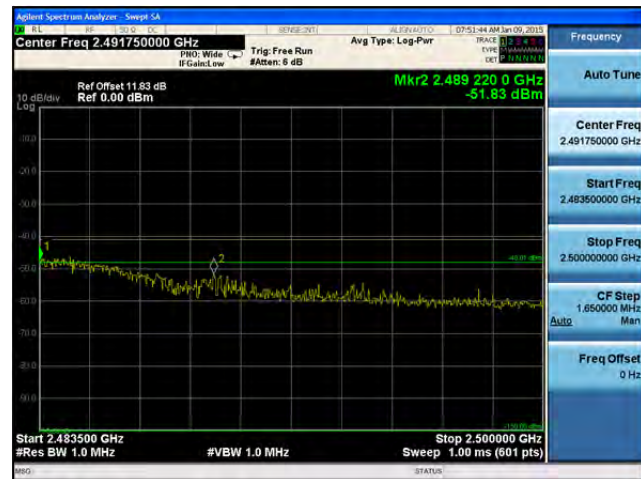
**Antenna A**



**Antenna B**



**Antenna C**

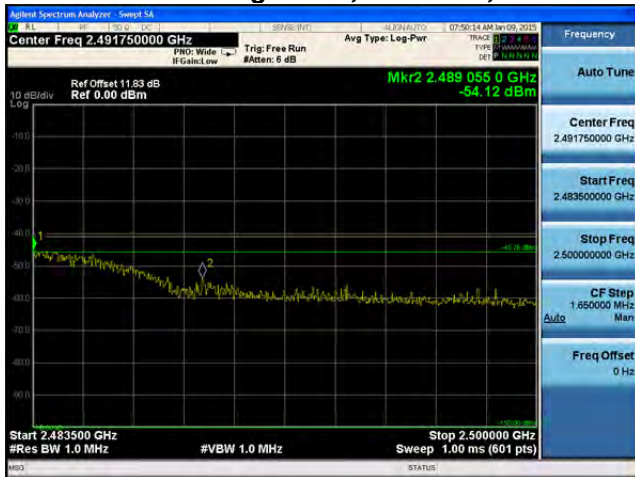


**Antenna D**

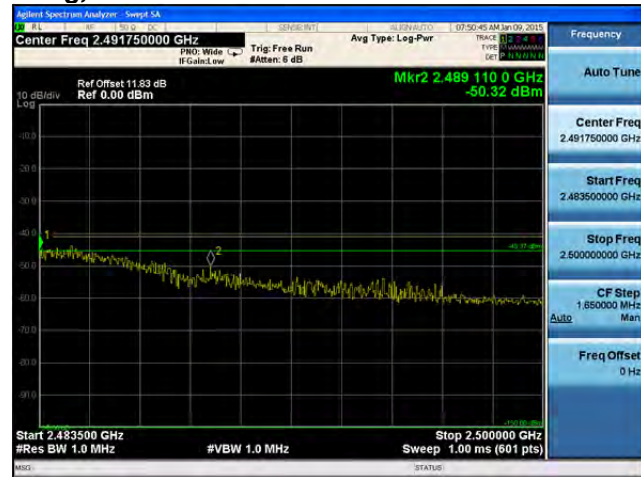




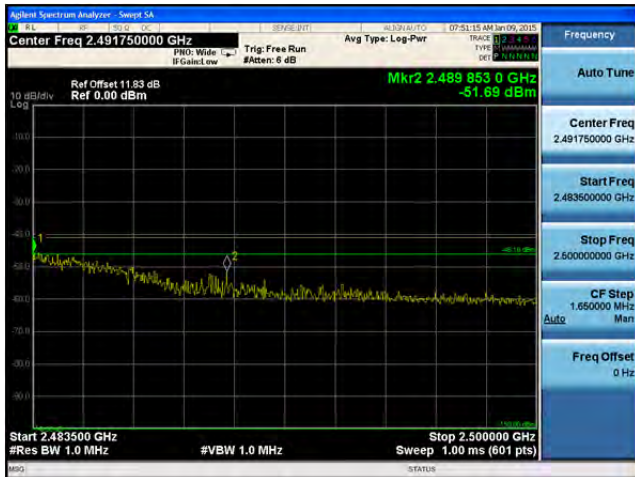
**Conducted Bandedge Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23**



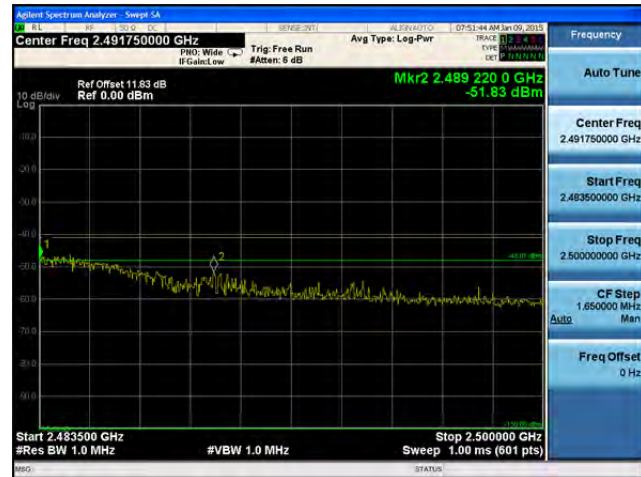
**Antenna A**



**Antenna B**



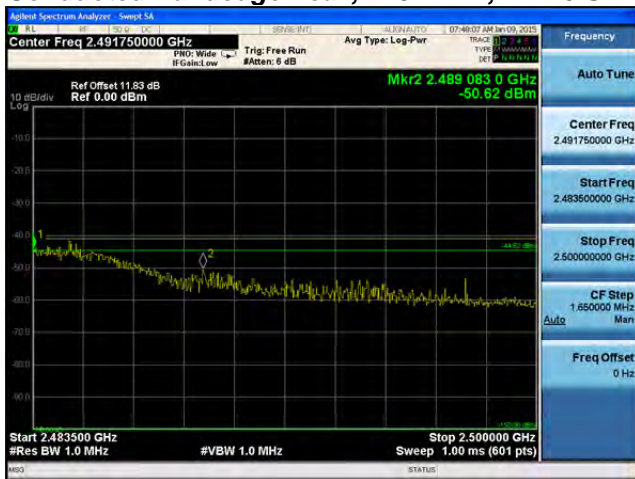
**Antenna C**



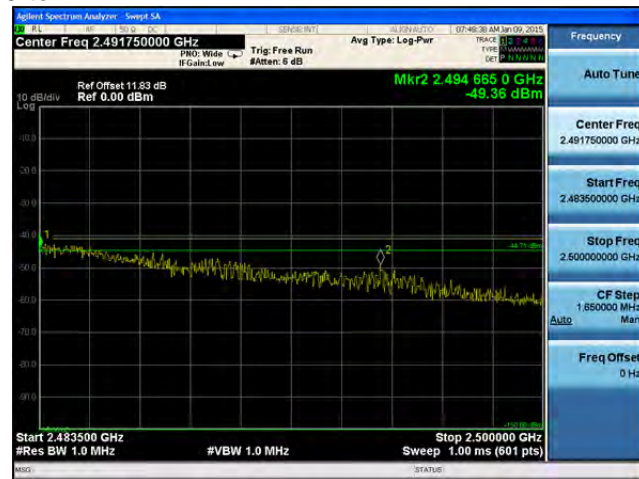
**Antenna D**



**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



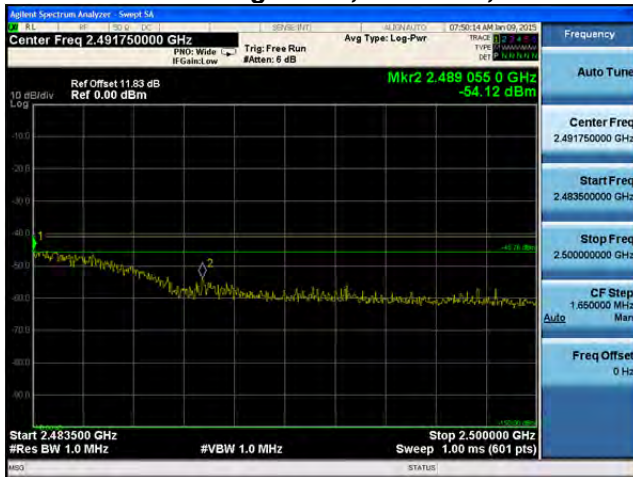
**Antenna A**



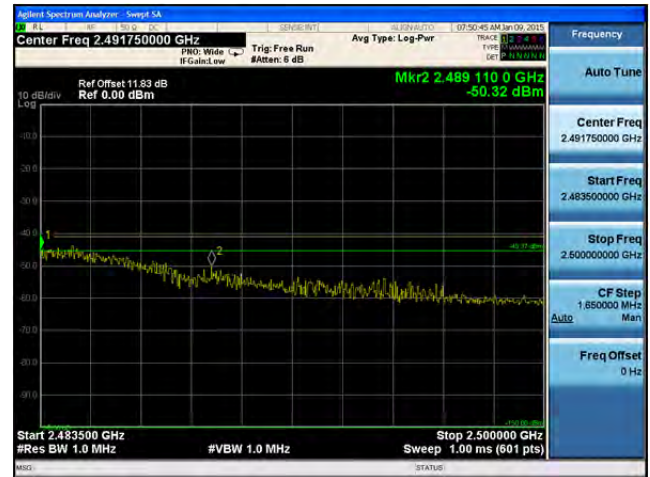
**Antenna B**



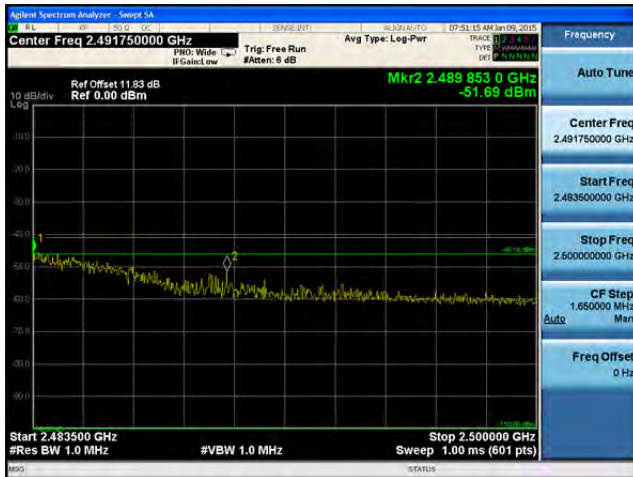
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



**Antenna A**



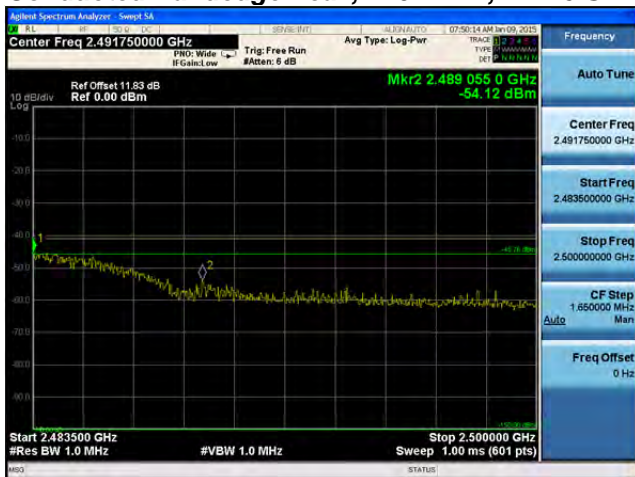
**Antenna B**



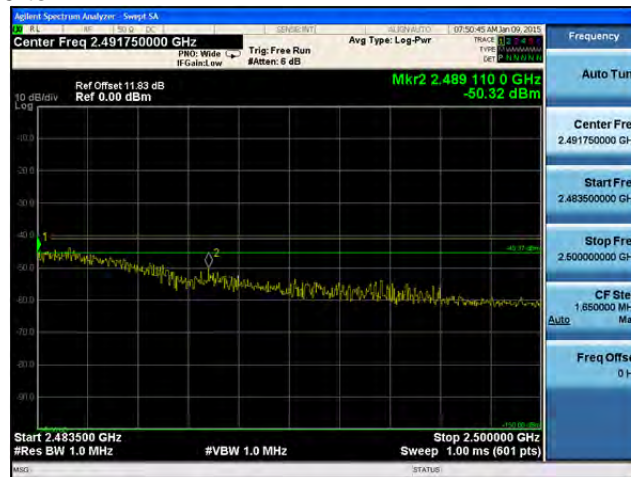
**Antenna C**



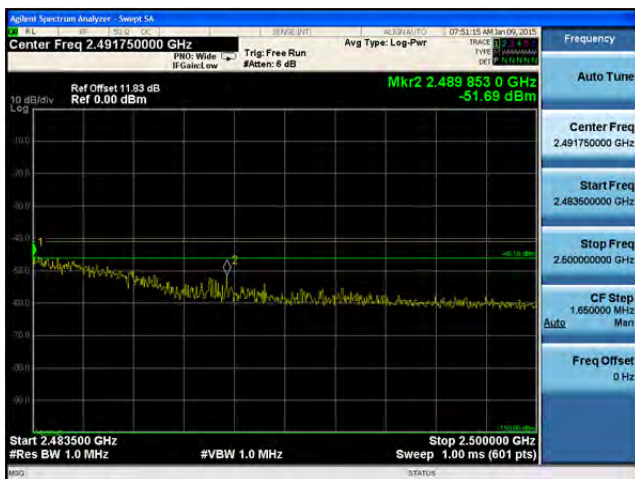
**Conducted Bandedge Peak, 2462 MHz, HT-20 STBC, M0 to M7**



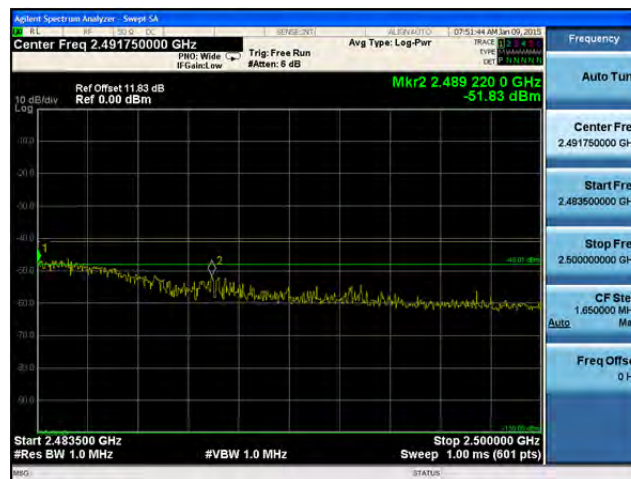
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**

**Conducted Bandedge - Peak**

15.247: In any 100 kHz bandwidth outside the frequency band in which the digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.





Connect the antenna port(s) to the spectrum analyzer input. Place the radio in continuous transmit mode. Configure the spectrum analyzer as shown below (be sure to enter all losses between the transmitter output and the spectrum analyzer).

Span:	2390 MHz - 2412 MHz
Reference Level:	20 dBm
Attenuation:	20 dB
Sweep Time:	5s
Resolution Bandwidth:	100 kHz
Video Bandwidth:	300 kHz
Detector:	Peak
Trace:	Single
Marker:	Peak

Record the marker waveform peak to spur difference

Out-of-band and spurious emissions tests are performed on each output individually without summing or adding  $10 \log(N)$  since the measurements are made relative to the in-band emissions on the individual outputs. The worst case output is recorded.



Frequency (MHz)	Mode	Tx Paths	Conducted Bandedge Delta (dB)	Limit (dB c)	Margin (dB)
2412	CCK, 1 to 11 Mbps	11	51.7	>30	21.7
	CCK, 1 to 11 Mbps	11	46.3	>30	16.3
	Non HT-20, 6 to 54 Mbps	6	36.2	>30	6.2
	Non HT-20 Beam Forming, 6 to 54 Mbps	6	40.2	>30	10.2
	HT-20, M0 to M23	m0	42.8	>30	12.8
	HT-20 Beam Forming, M0 to M23	m0	42.3	>30	12.3



**Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps**



**Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps**

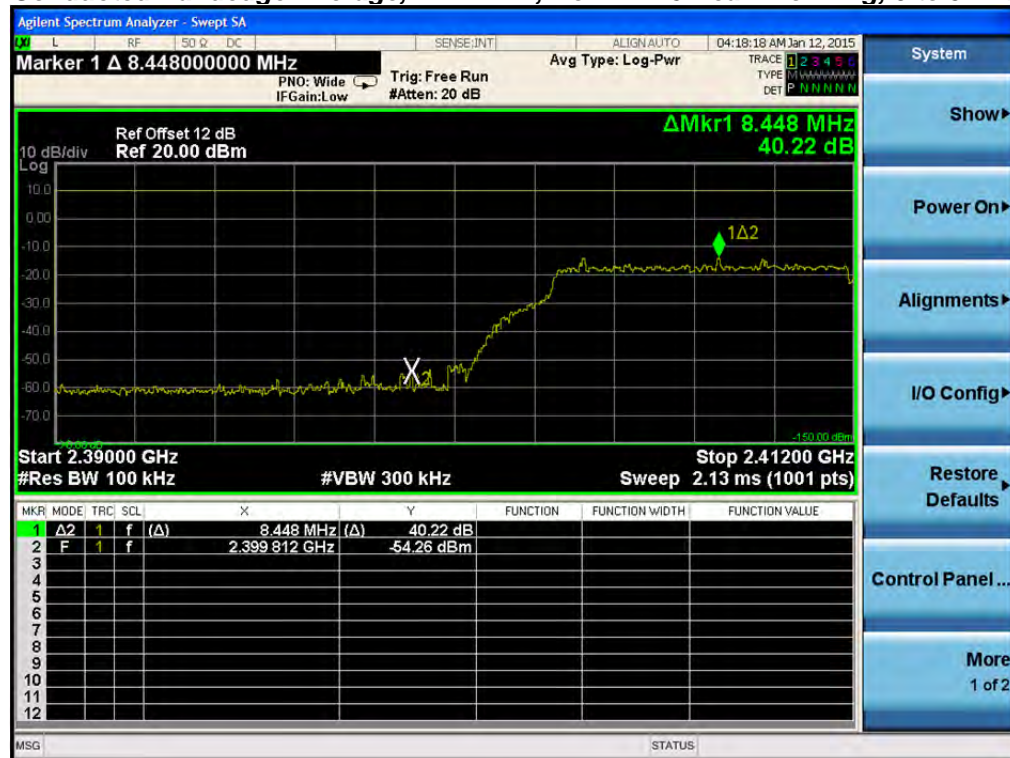




**Conducted Bandedge Average, 2412 MHz, Non HT-20, 6 to 54 Mbps**



**Conducted Bandedge Average, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps**







**Conducted Bandedge Average, 2412 MHz, HT-20, M0 to M23**



**Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M0 to M23**

