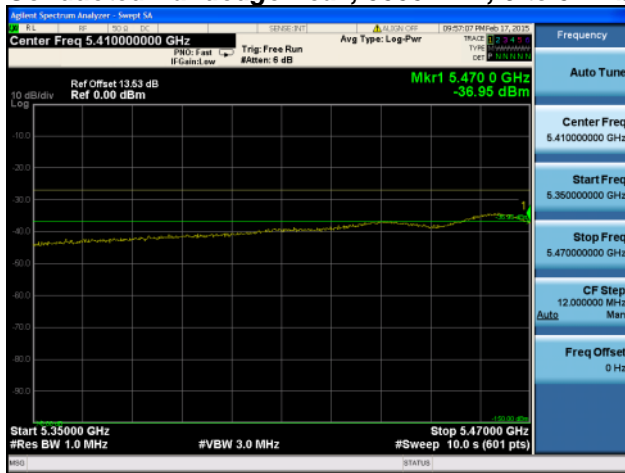
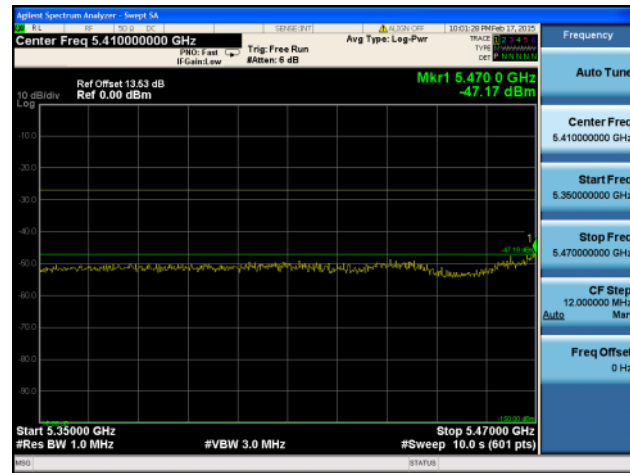




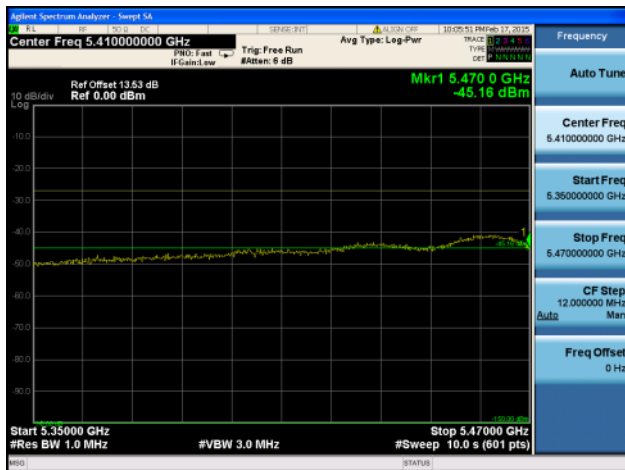
**Conducted Bandedge Peak, 5500 MHz, 6 to 54 Mbps**



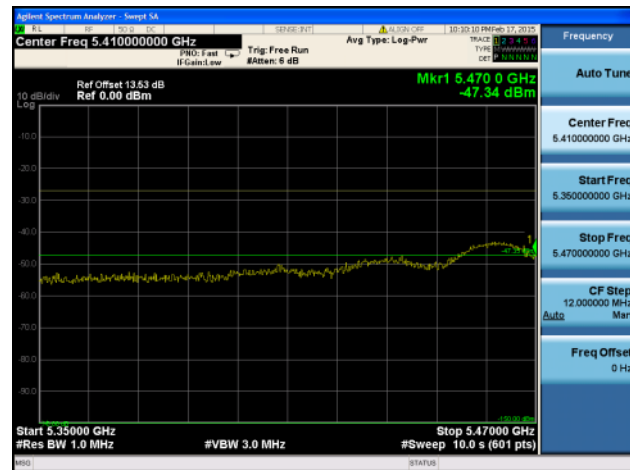
**Antenna A**



**Antenna B**



**Antenna C**



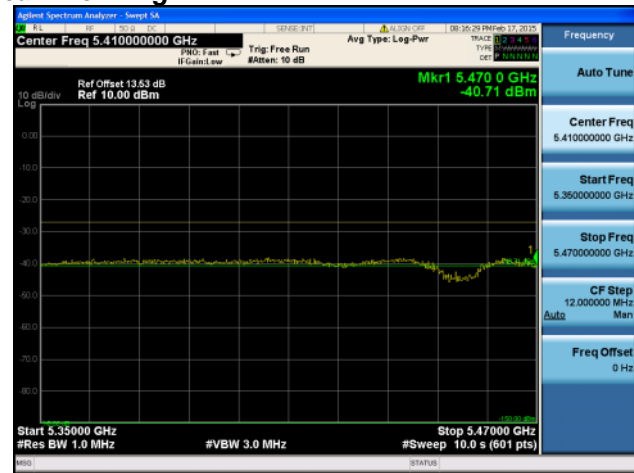
**Antenna D**



**Conducted Bandedge Peak, 5500 MHz, 6 to 54 Mbps Beam Forming**



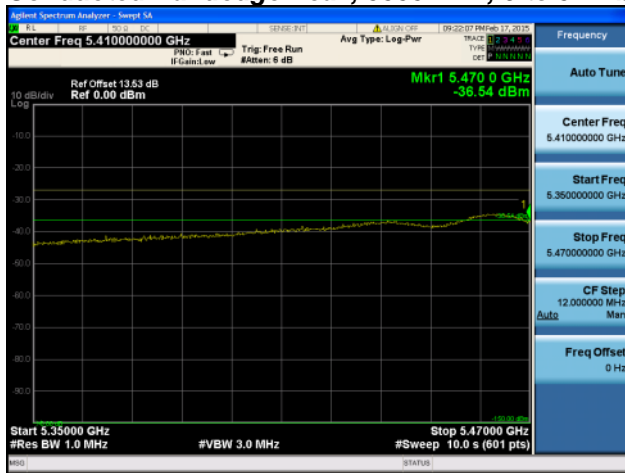
**Antenna A**



**Antenna B**



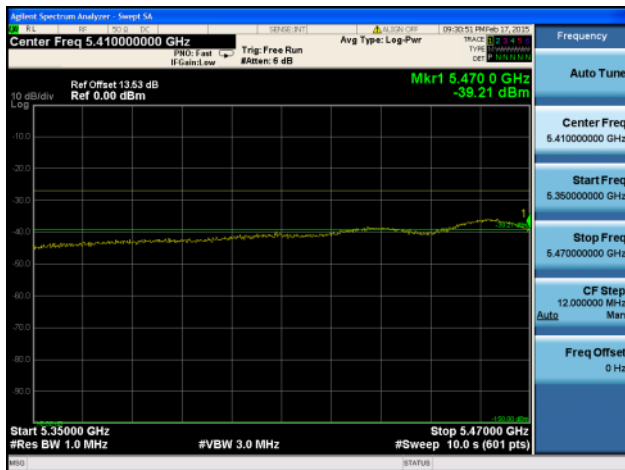
### Conducted Bandedge Peak, 5500 MHz, 6 to 54 Mbps Beam Forming



Antenna A



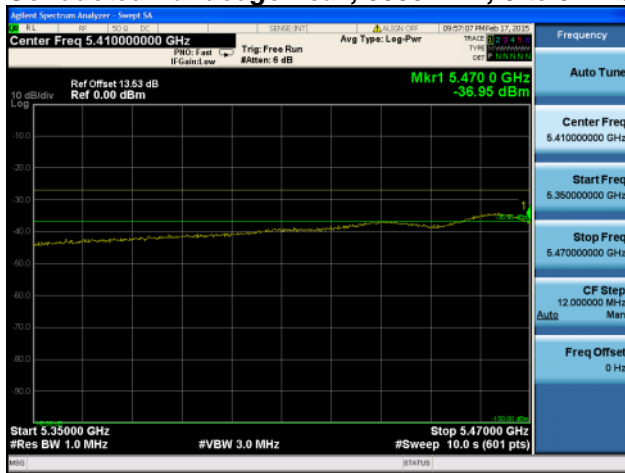
Antenna B



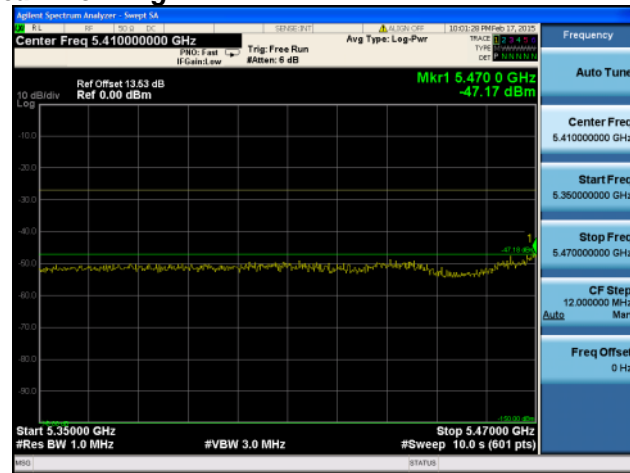
Antenna C



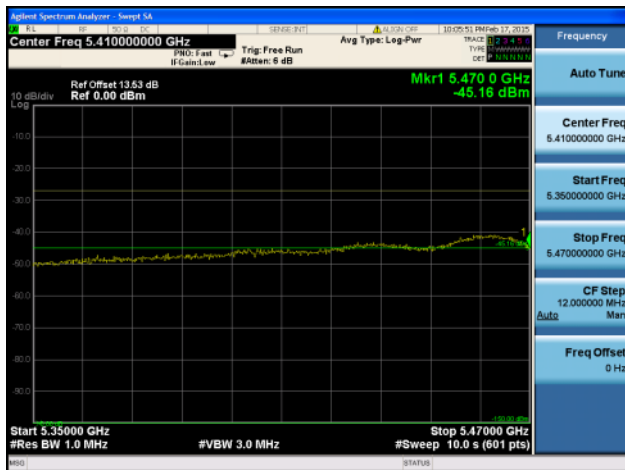
**Conducted Bandedge Peak, 5500 MHz, 6 to 54 Mbps Beam Forming**



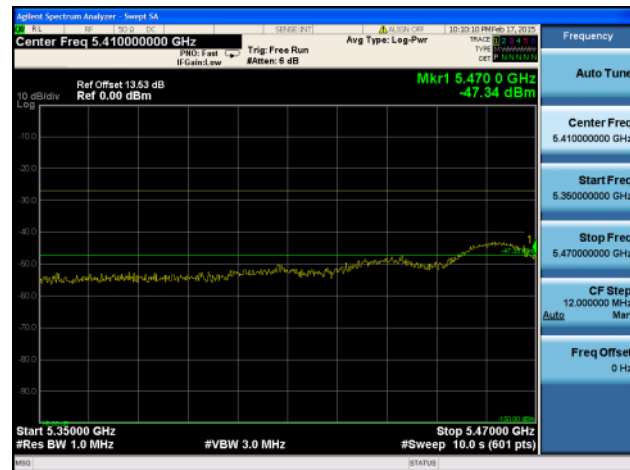
**Antenna A**



**Antenna B**



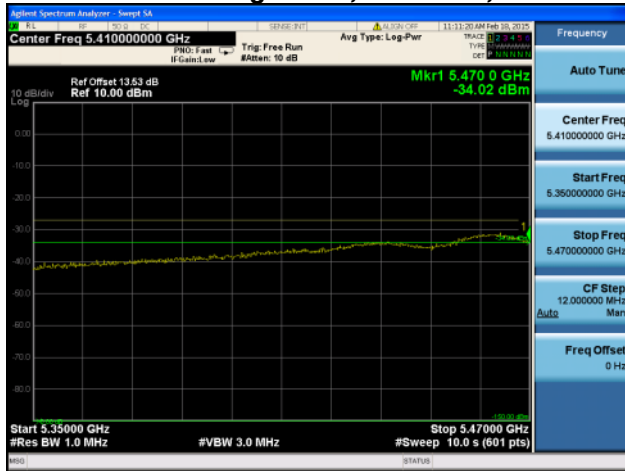
**Antenna C**



**Antenna D**



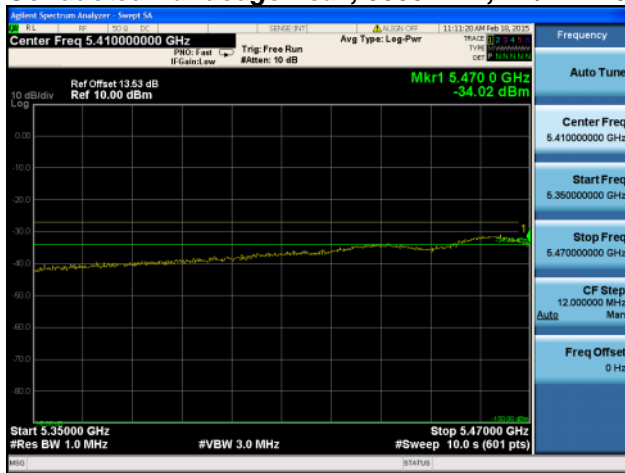
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M0 to M7, M0 to M9 1ss**



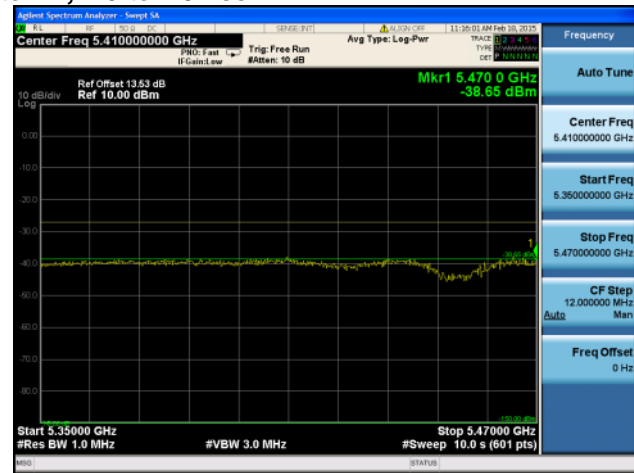
**Antenna A**



**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M0 to M7, M0 to M9 1ss**



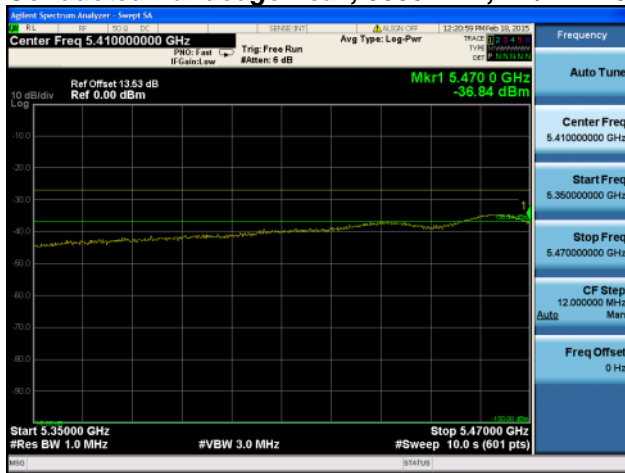
**Antenna A**



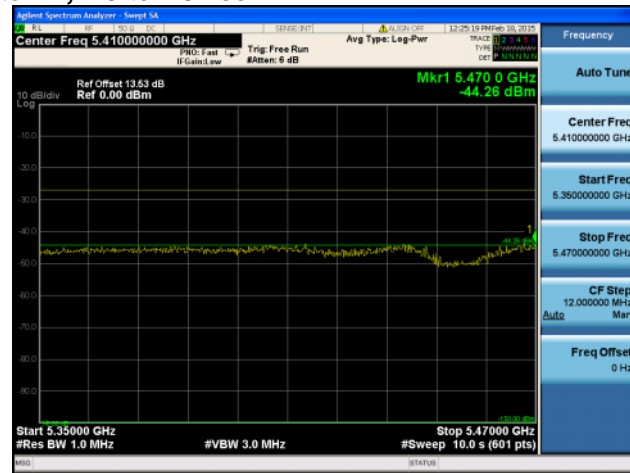
**Antenna B**



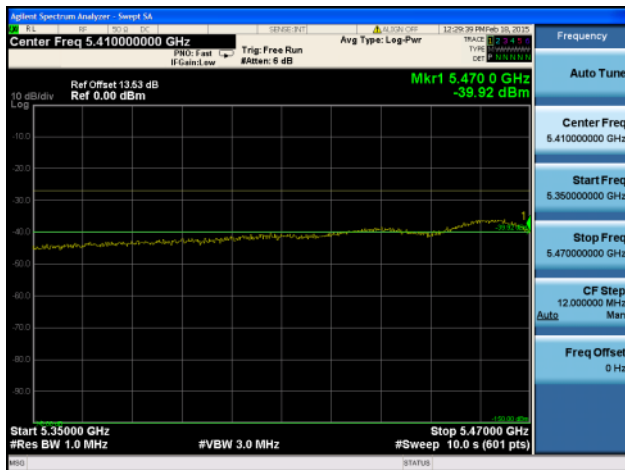
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M0 to M7, M0 to M9 1ss**



**Antenna A**



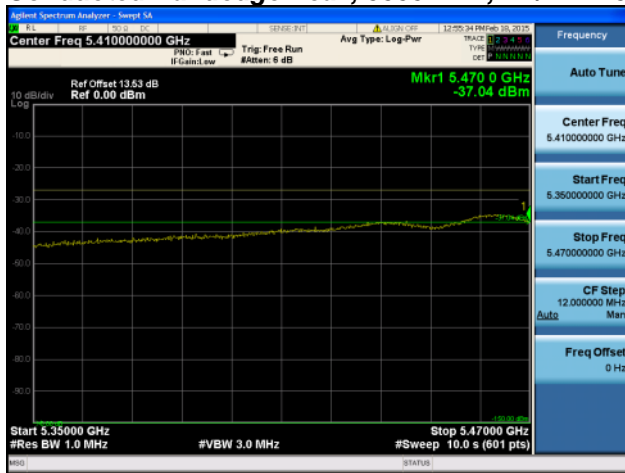
**Antenna B**



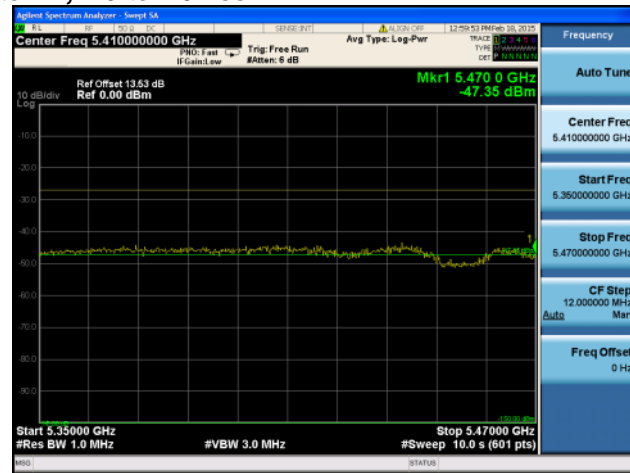
**Antenna C**



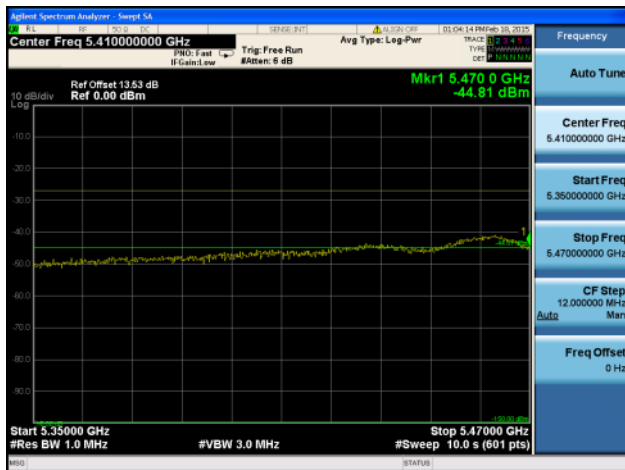
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M0 to M7, M0 to M9 1ss**



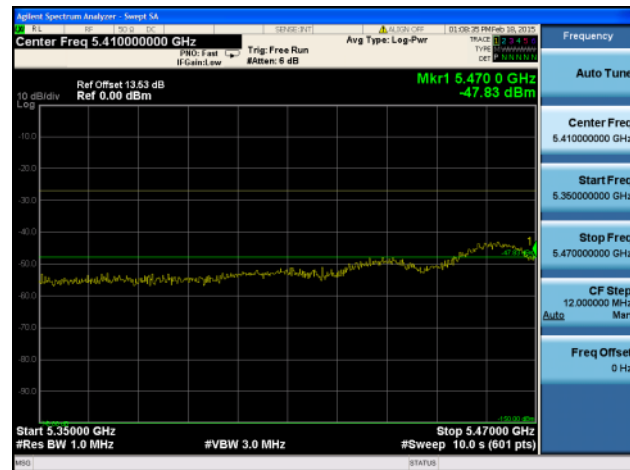
**Antenna A**



**Antenna B**



**Antenna C**

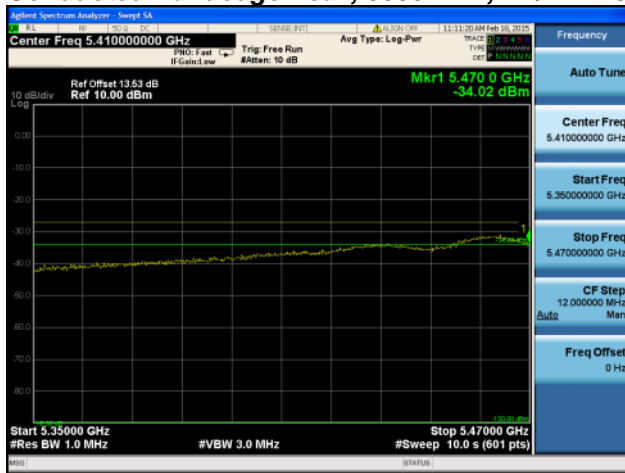


**Antenna D**

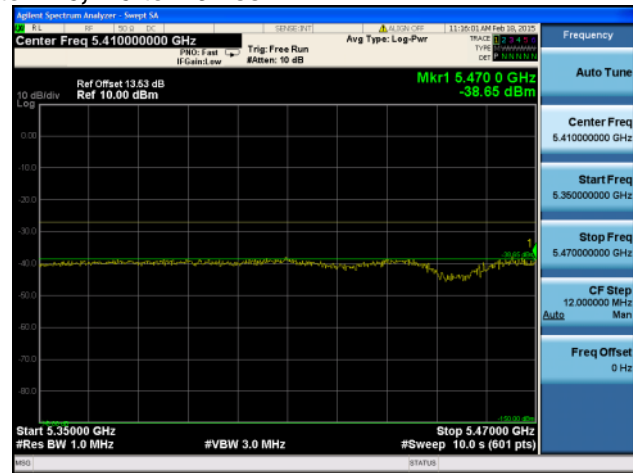




**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M8 to M15, M0 to M9 2ss**



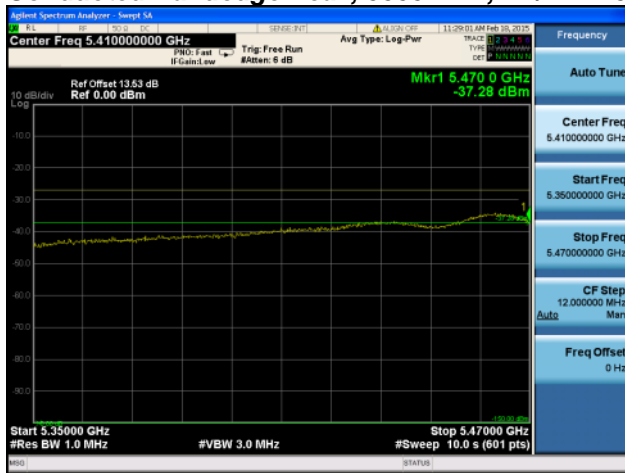
**Antenna A**



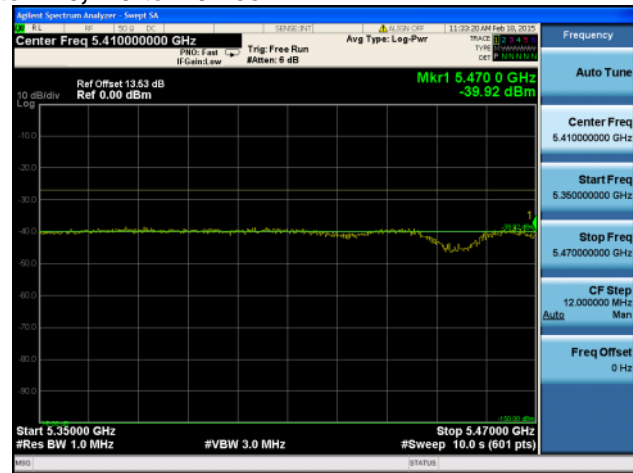
**Antenna B**



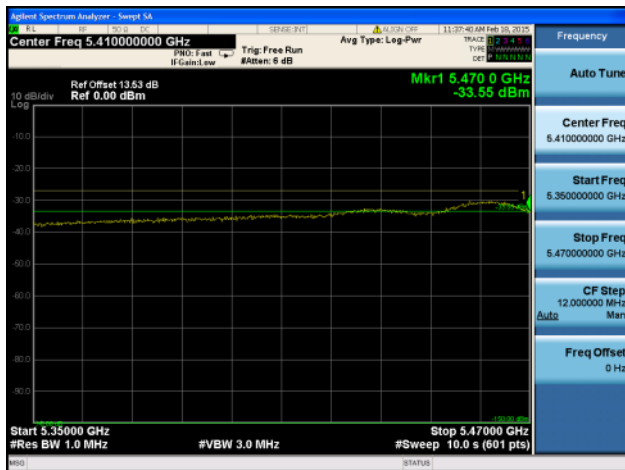
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M8 to M15, M0 to M9 2ss**



**Antenna A**



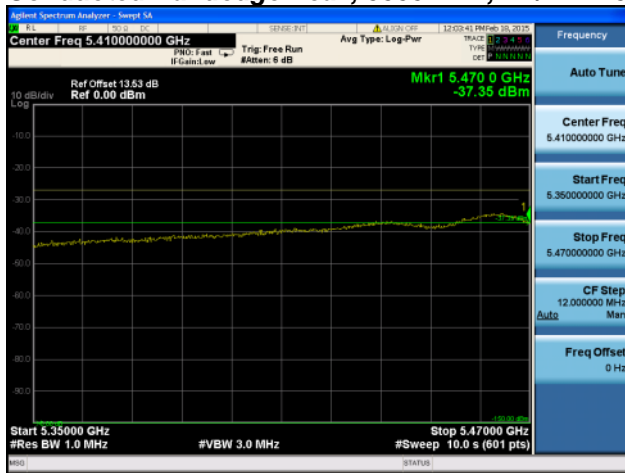
**Antenna B**



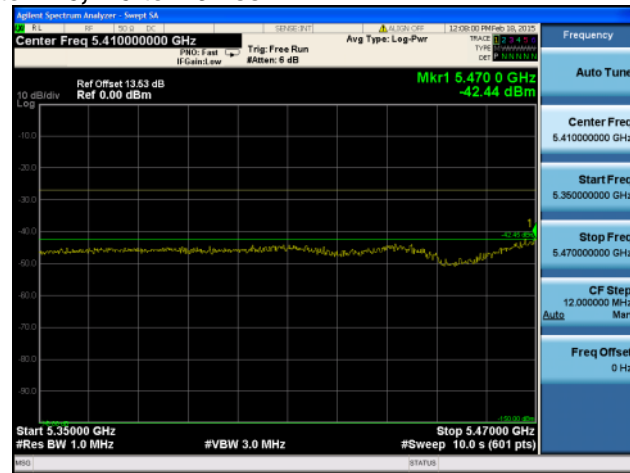
**Antenna C**



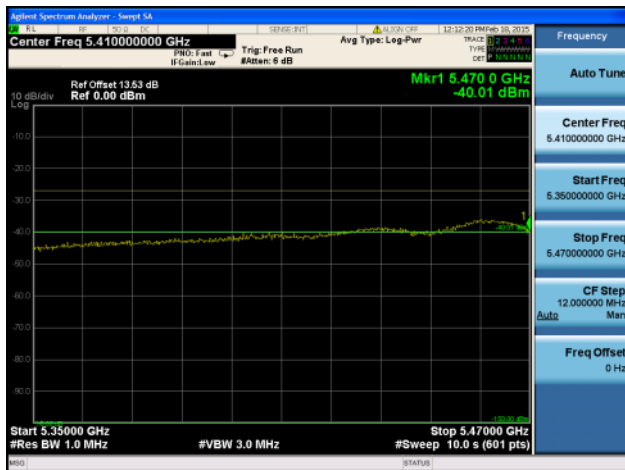
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M8 to M15, M0 to M9 2ss**



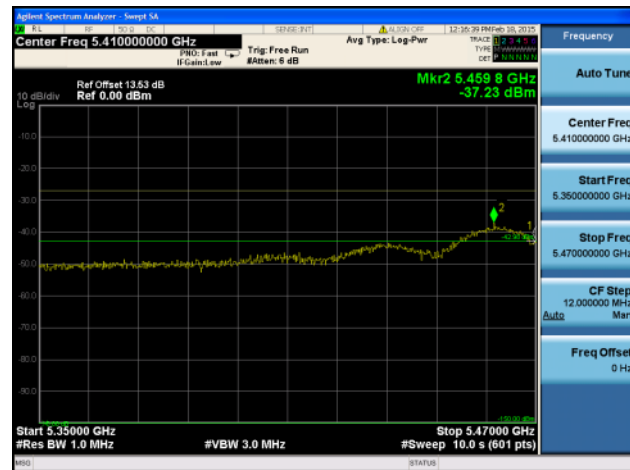
**Antenna A**



**Antenna B**



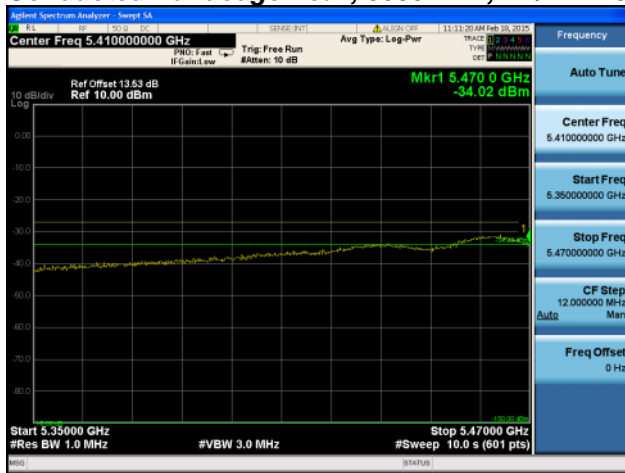
**Antenna C**



**Antenna D**



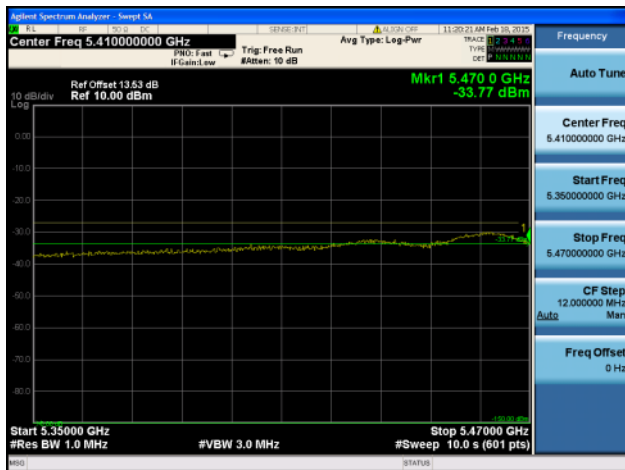
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M16 to M23, M0 to M9 3ss**



**Antenna A**



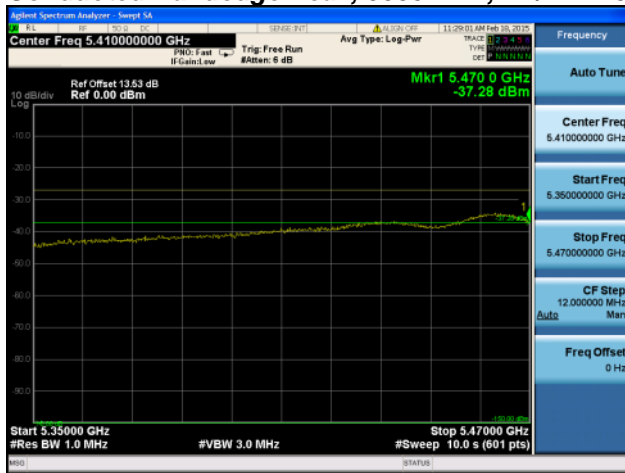
**Antenna B**



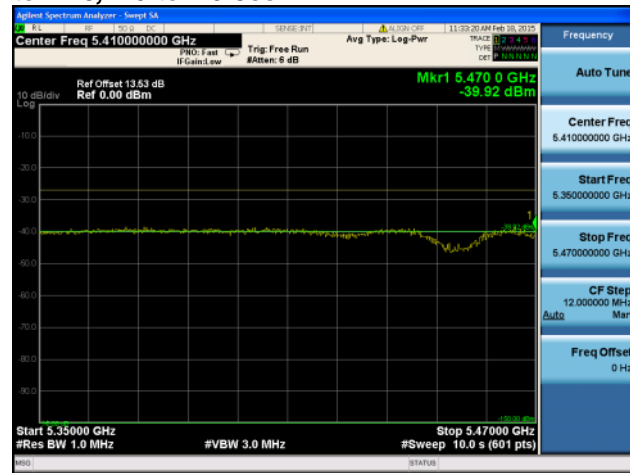
**Antenna C**



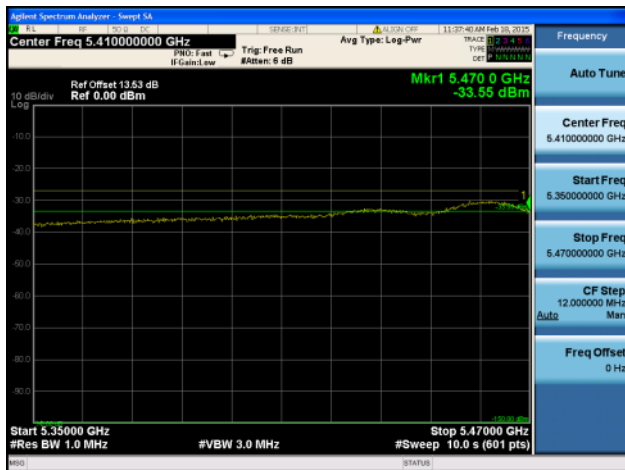
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20, M16 to M23, M0 to M9 3ss**



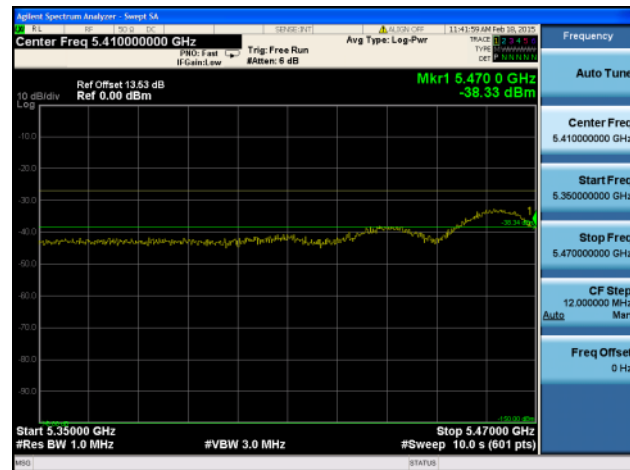
**Antenna A**



**Antenna B**



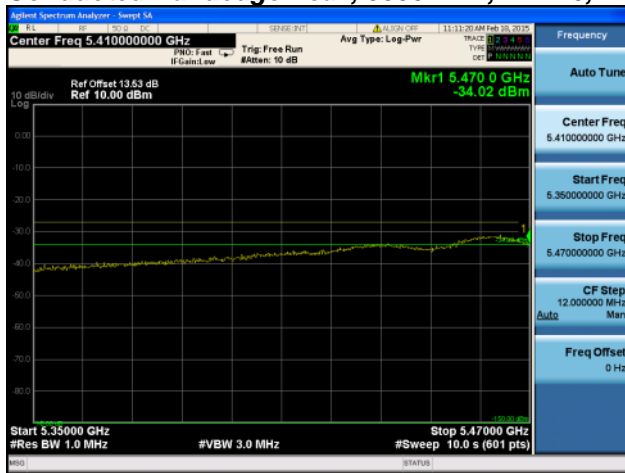
**Antenna C**



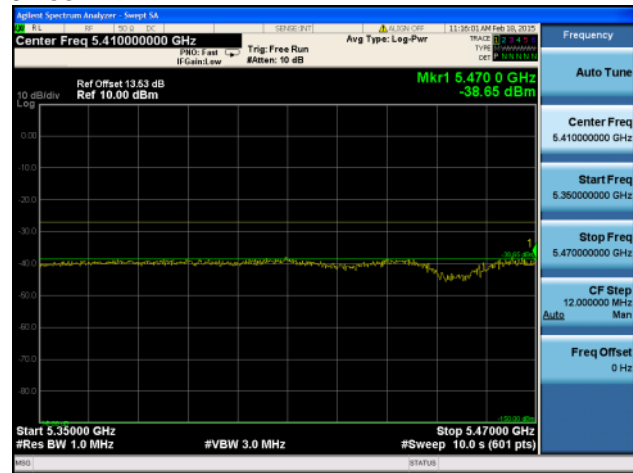
**Antenna D**



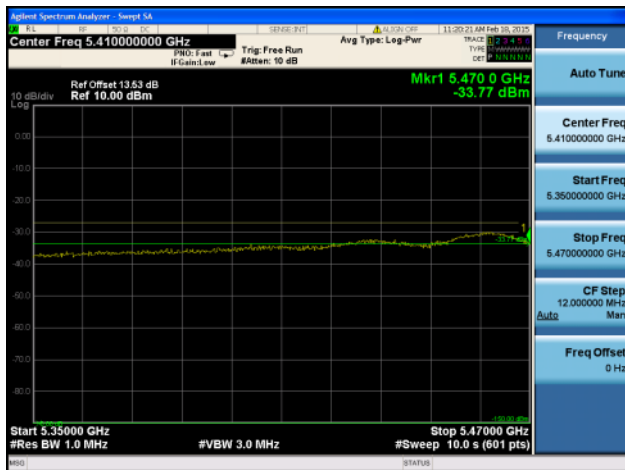
**Conducted Bandedge Peak, 5500 MHz, VHT20, M0 to M9 4ss**



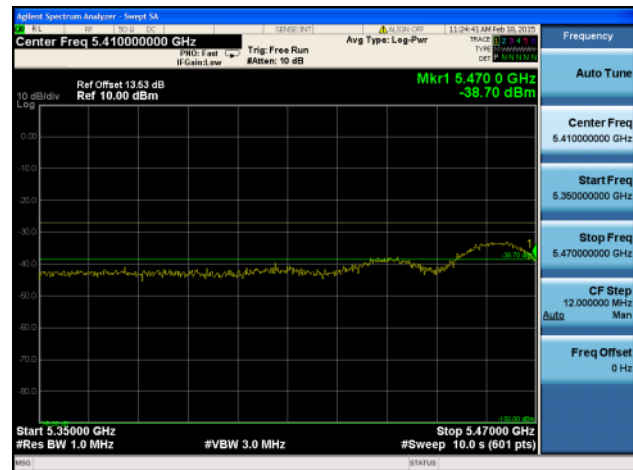
**Antenna A**



**Antenna B**



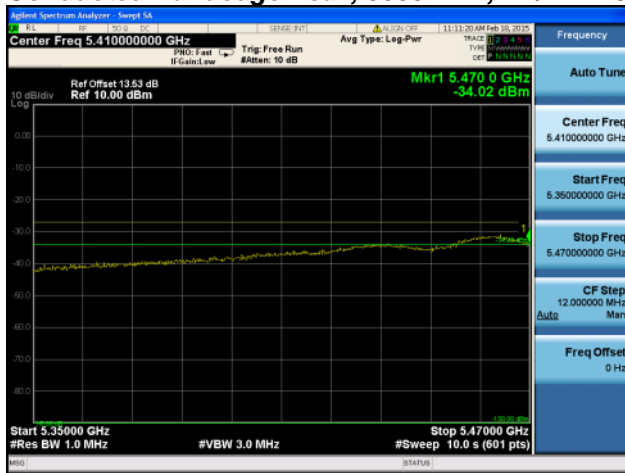
**Antenna C**



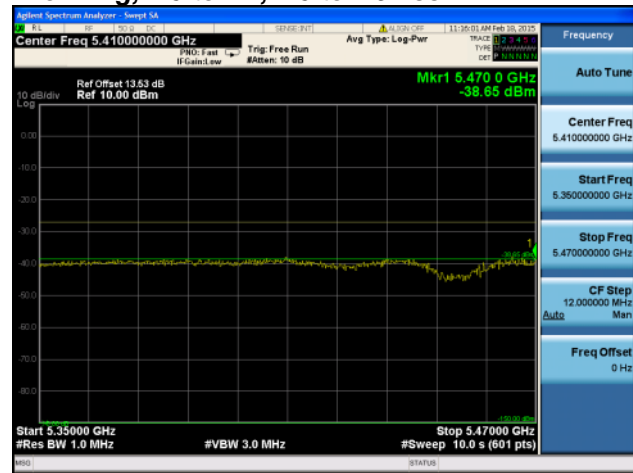
**Antenna D**



**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss**



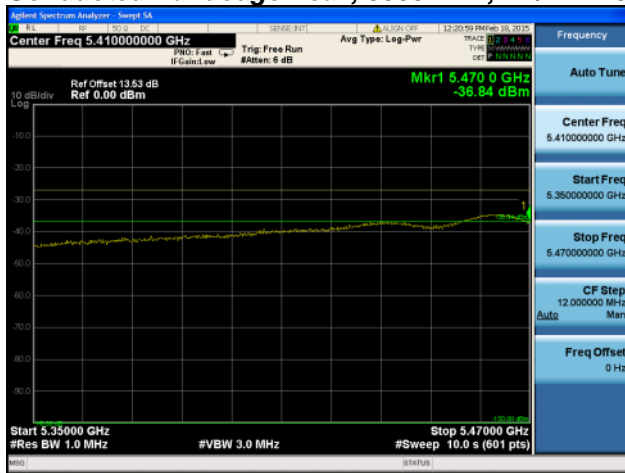
**Antenna A**



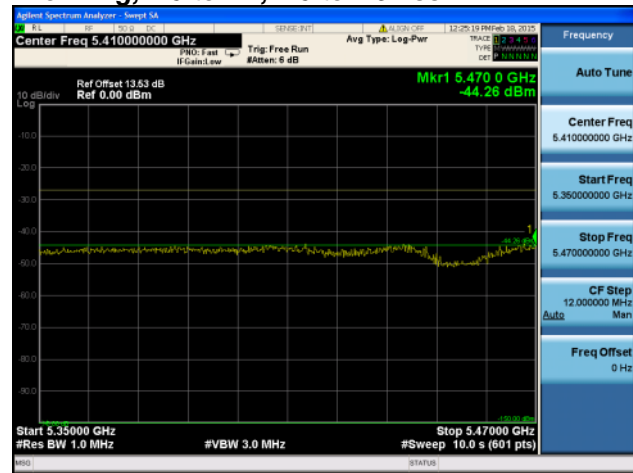
**Antenna B**



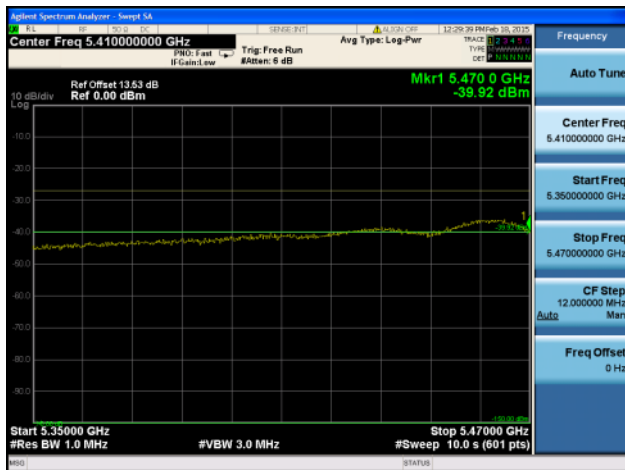
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss**



**Antenna A**



**Antenna B**

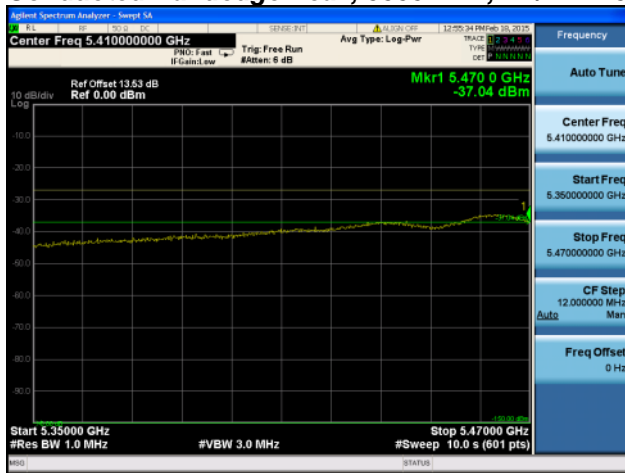


**Antenna C**

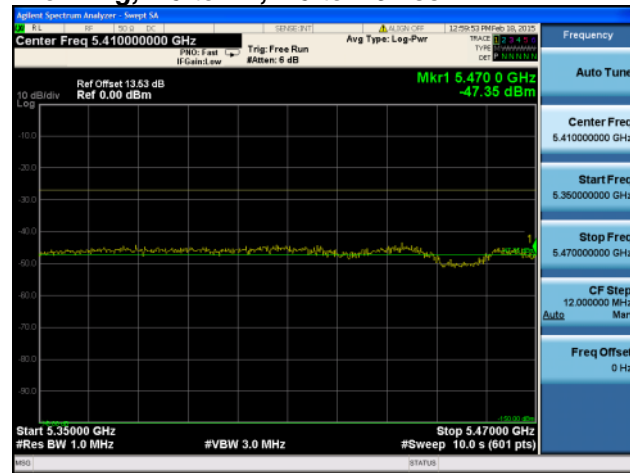




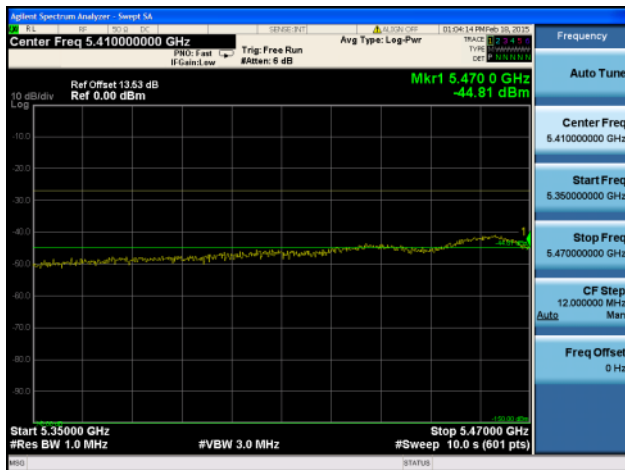
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss**



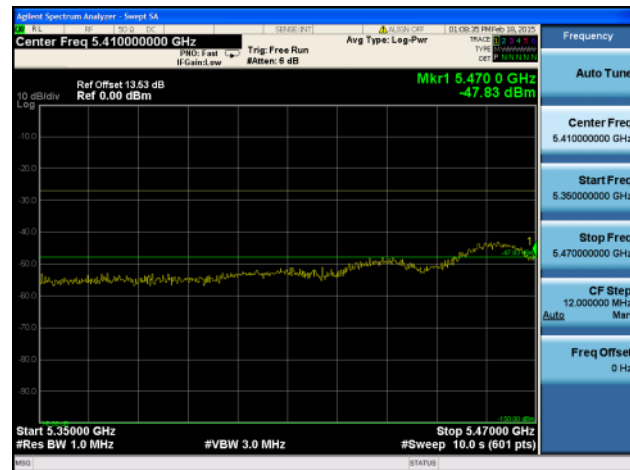
**Antenna A**



**Antenna B**



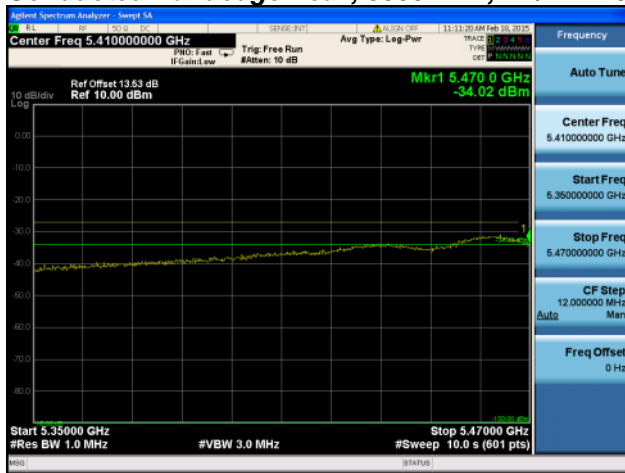
**Antenna C**



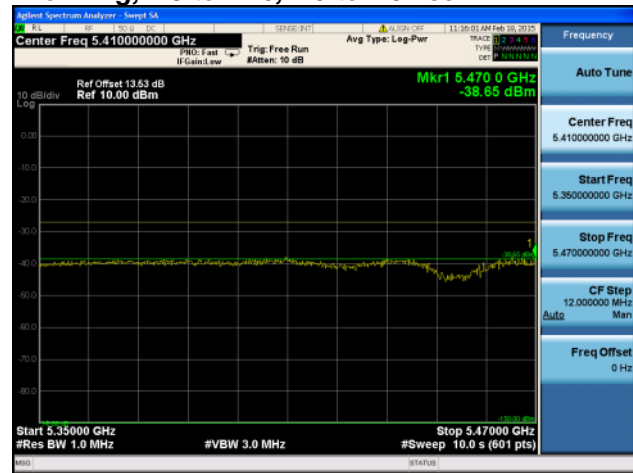
**Antenna D**



**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss**



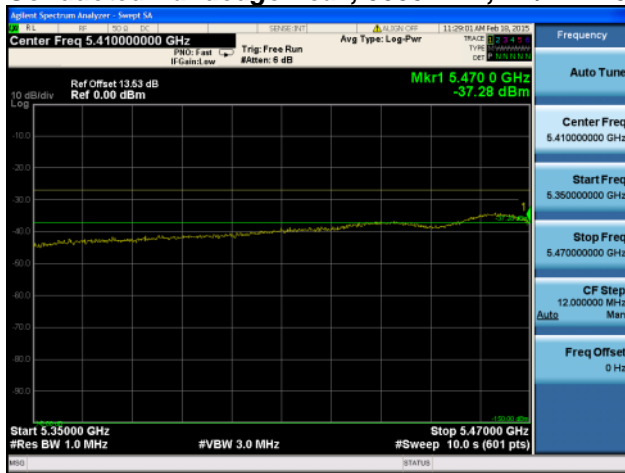
**Antenna A**



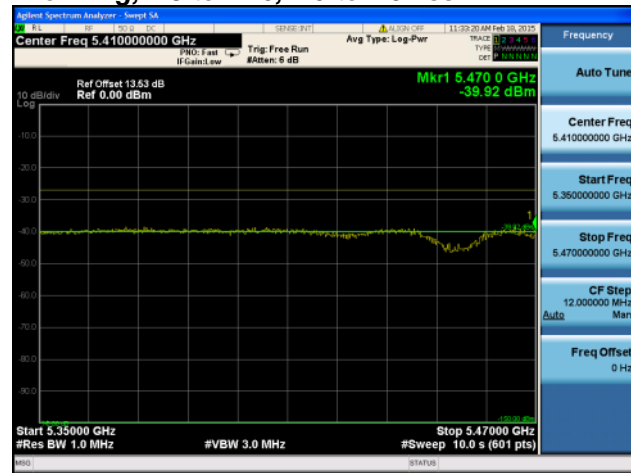
**Antenna B**



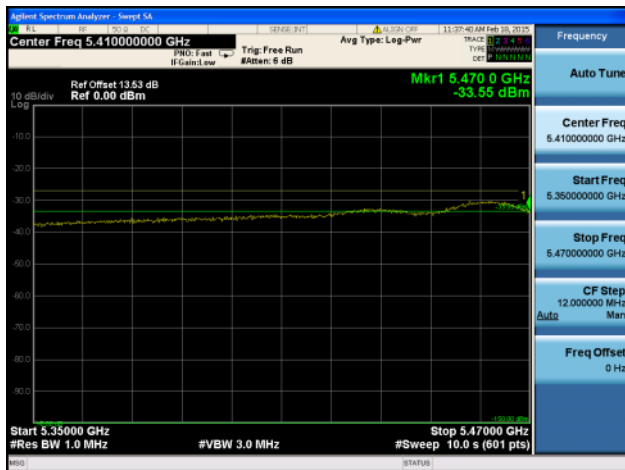
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss**



**Antenna A**



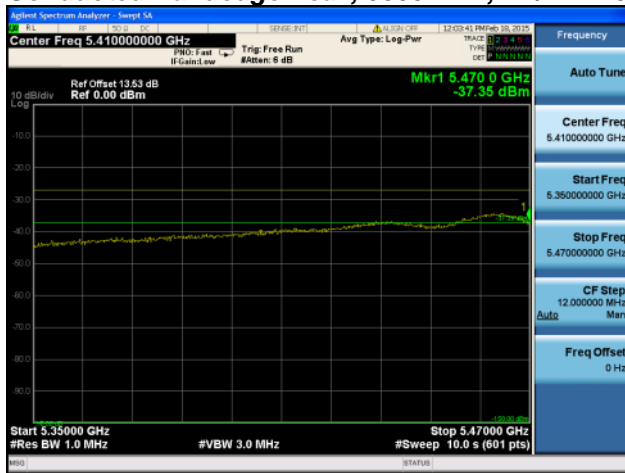
**Antenna B**



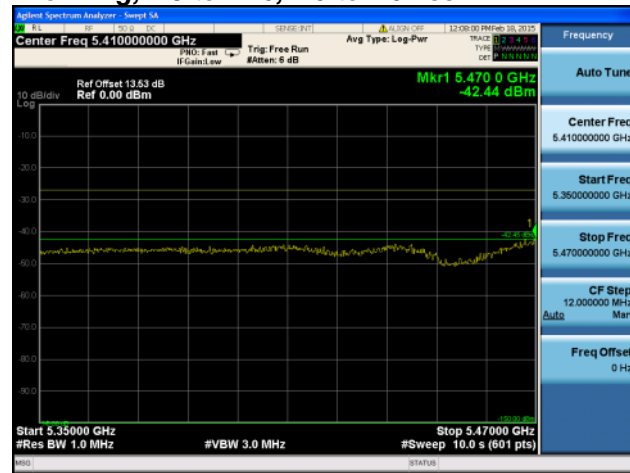
**Antenna C**



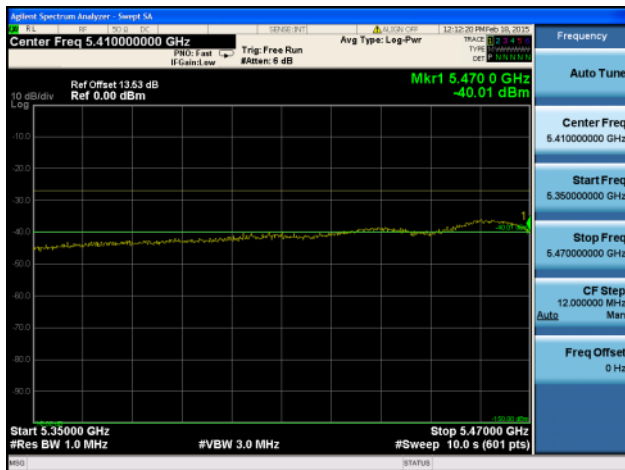
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss**



**Antenna A**



**Antenna B**



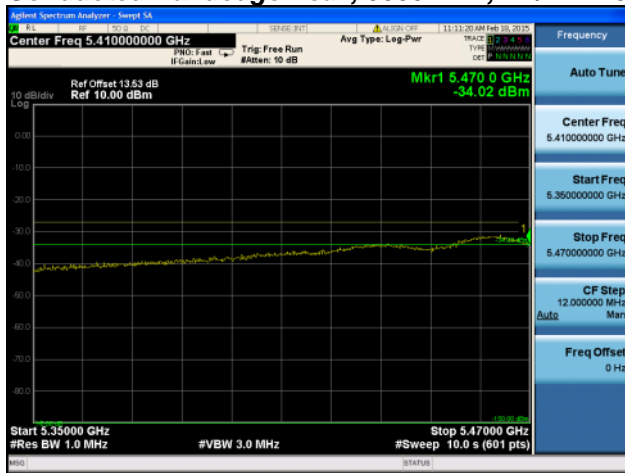
**Antenna C**



**Antenna D**



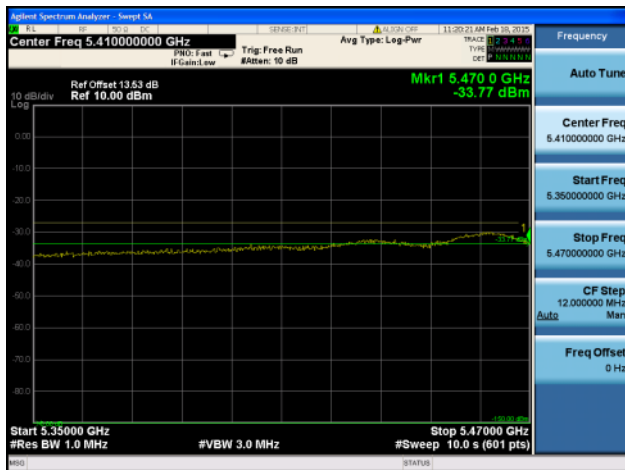
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss**



**Antenna A**



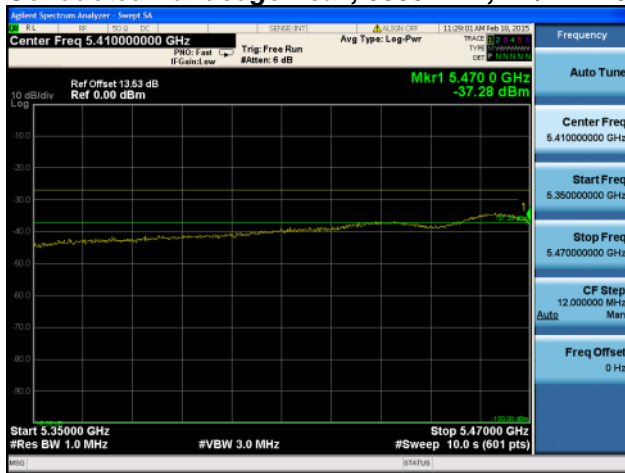
**Antenna B**



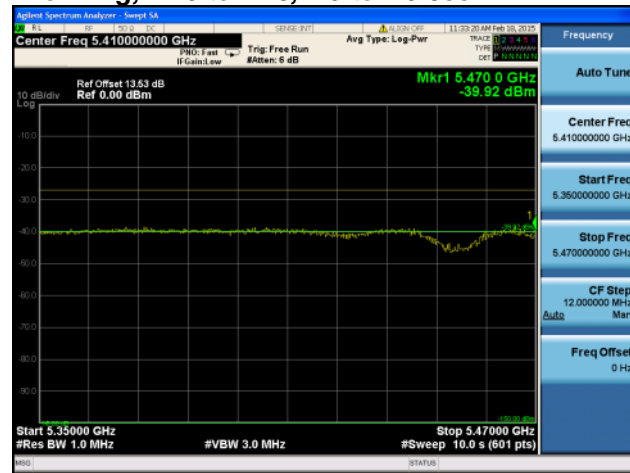
**Antenna C**



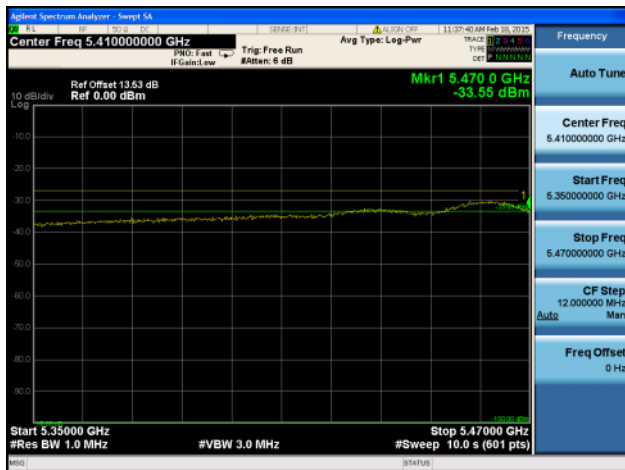
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss**



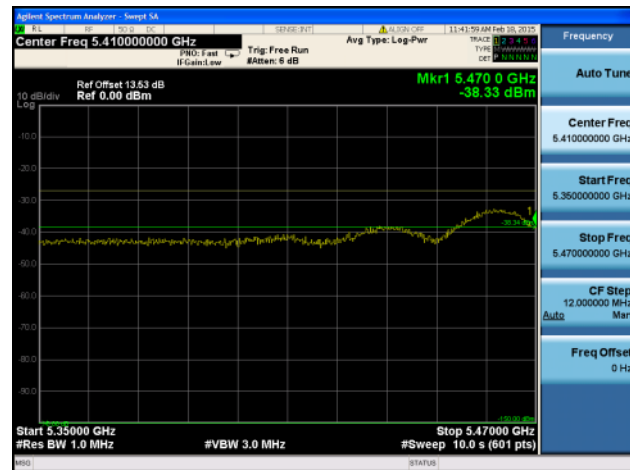
**Antenna A**



**Antenna B**



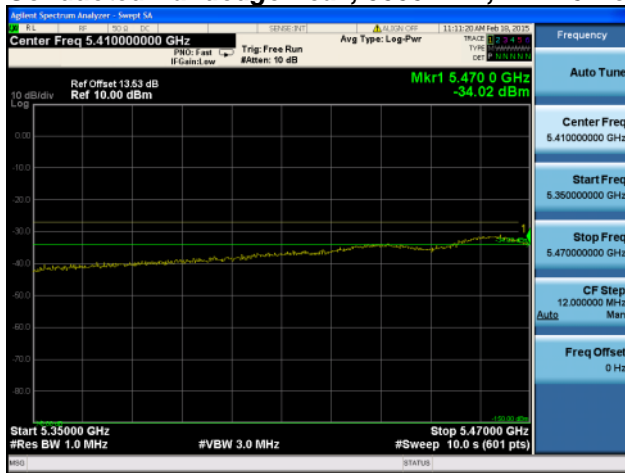
**Antenna C**



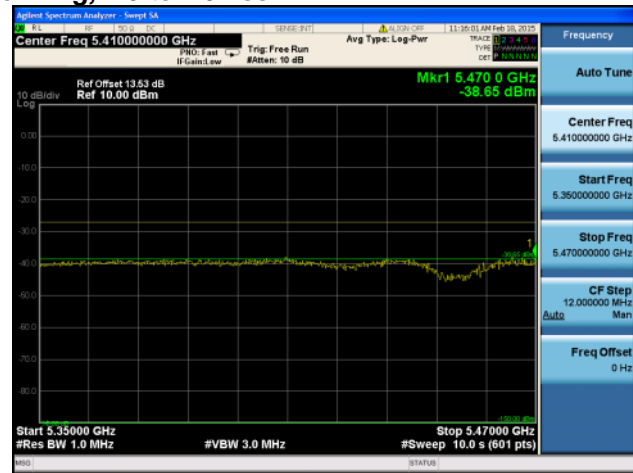
**Antenna D**



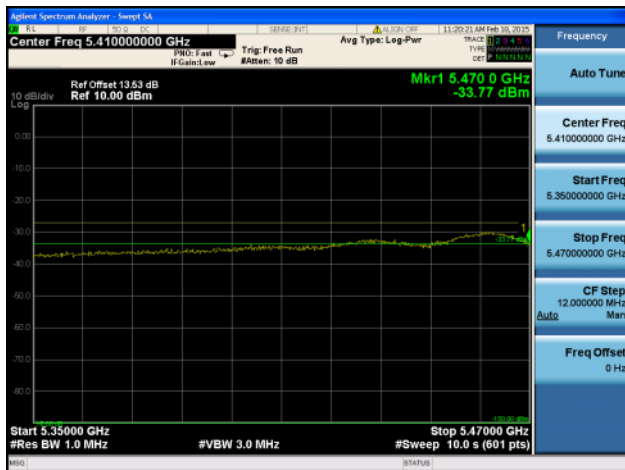
**Conducted Bandedge Peak, 5500 MHz, VHT20 Beam Forming, M0 to M9 4ss**



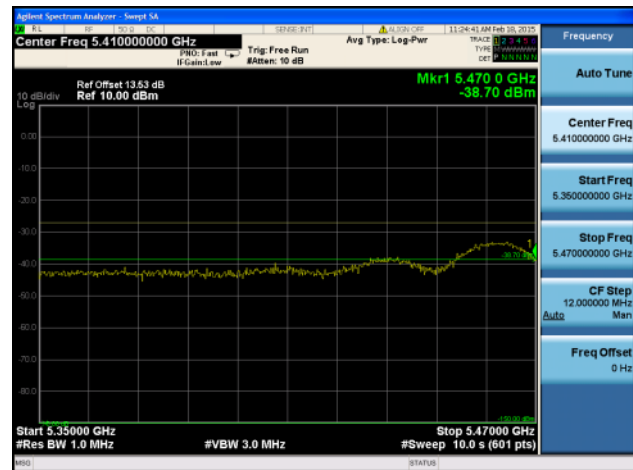
**Antenna A**



**Antenna B**



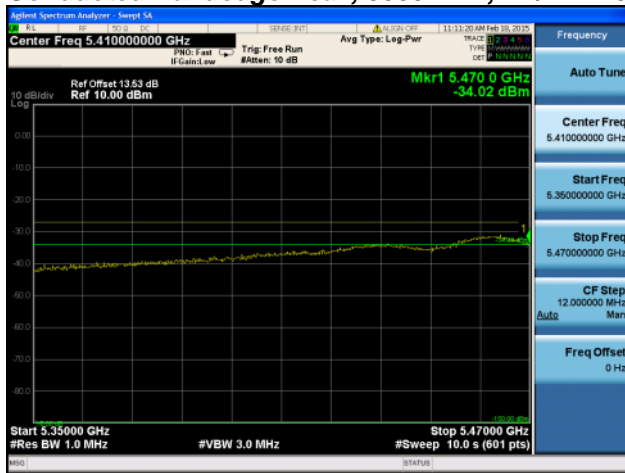
**Antenna C**



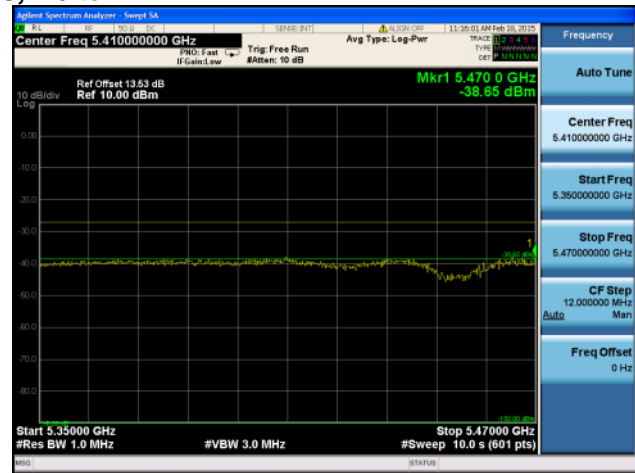
**Antenna D**



**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 STBC, M0 to M7**



**Antenna A**

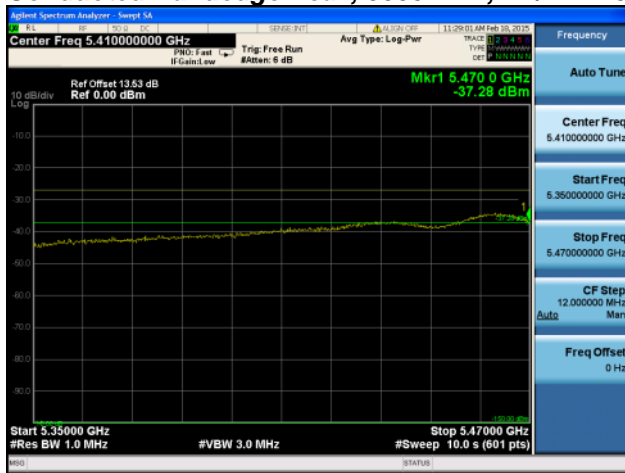


**Antenna B**

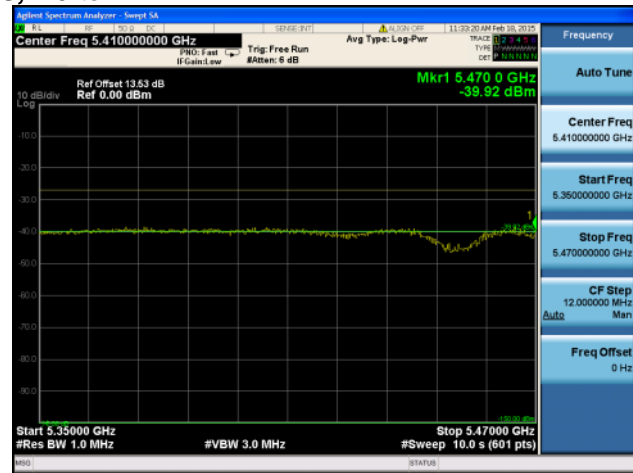




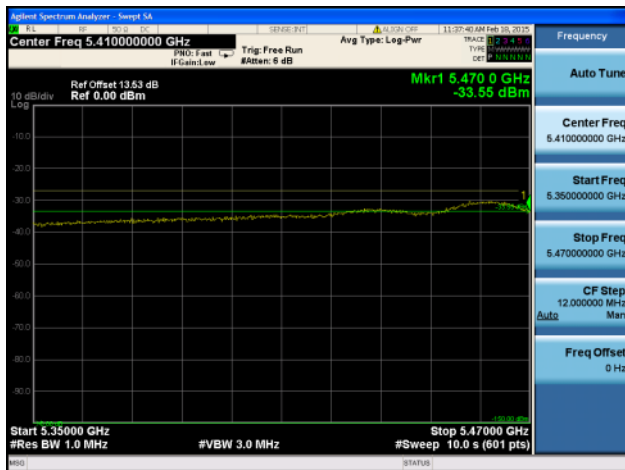
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 STBC, M0 to M7**



**Antenna A**



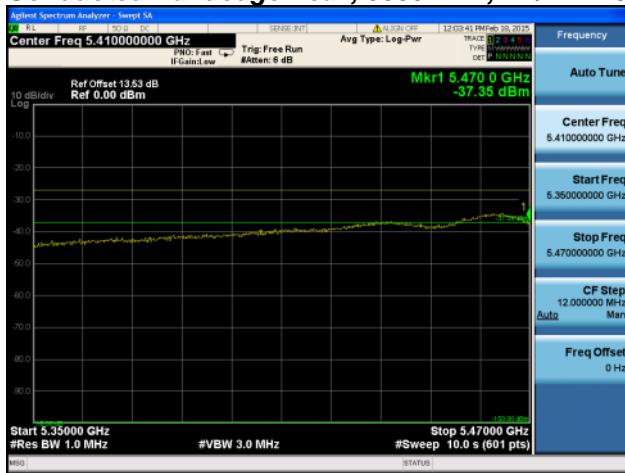
**Antenna B**



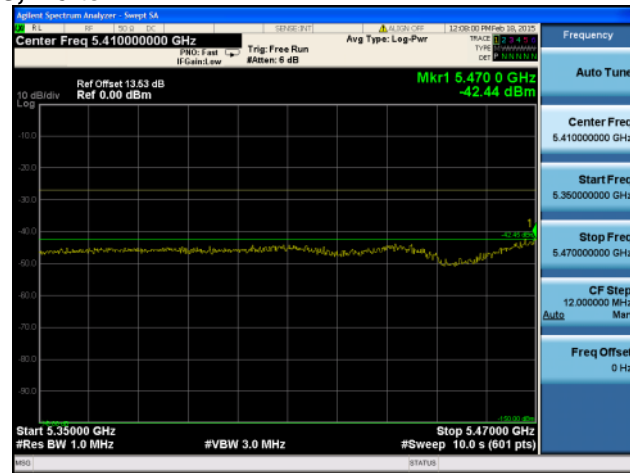
**Antenna C**



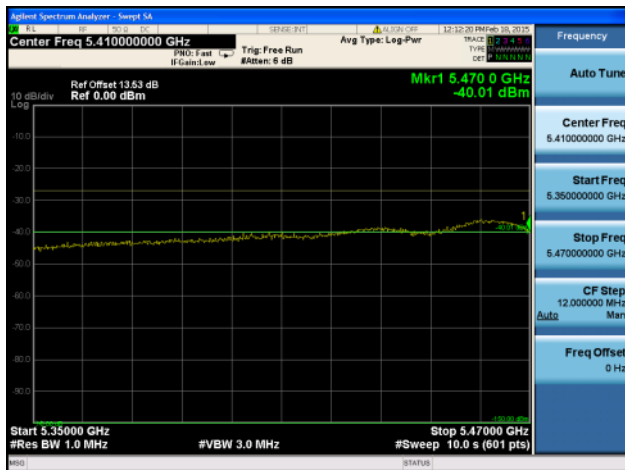
**Conducted Bandedge Peak, 5500 MHz, HT/VHT20 STBC, M0 to M7**



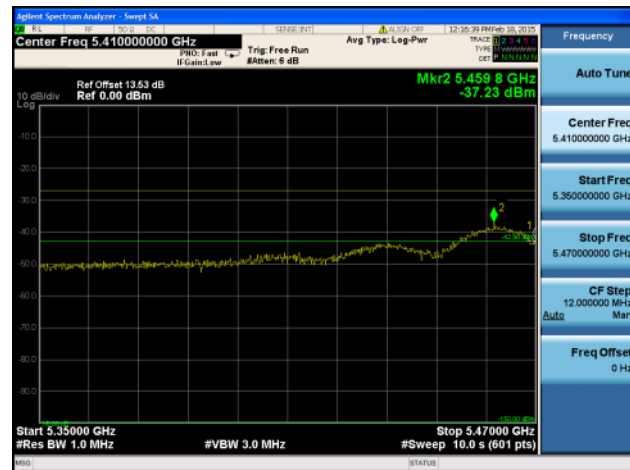
**Antenna A**



**Antenna B**



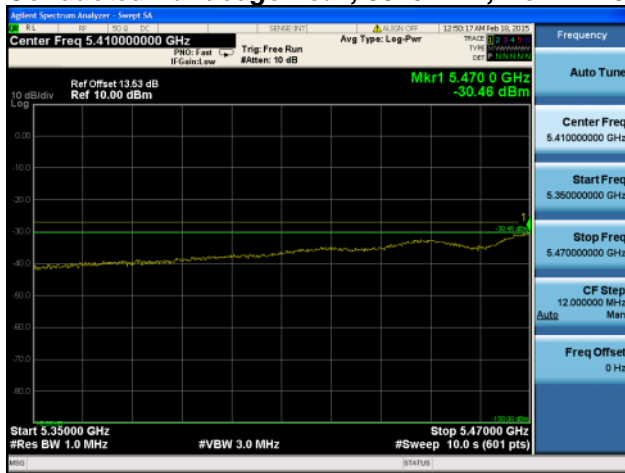
**Antenna C**



**Antenna D**



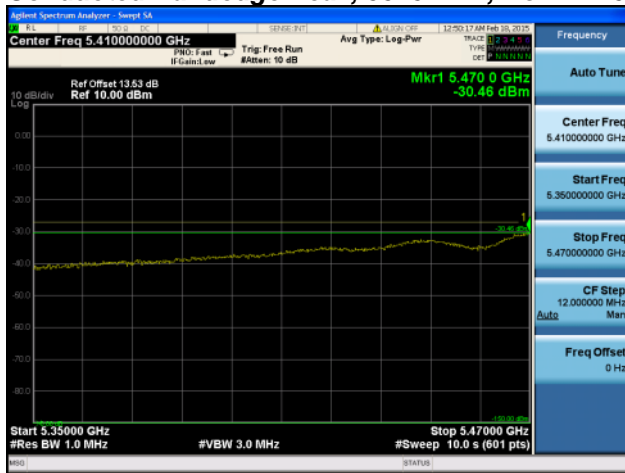
**Conducted Bandedge Peak, 5510 MHz, Non HT40 Duplicate, 6 to 54 Mbps**



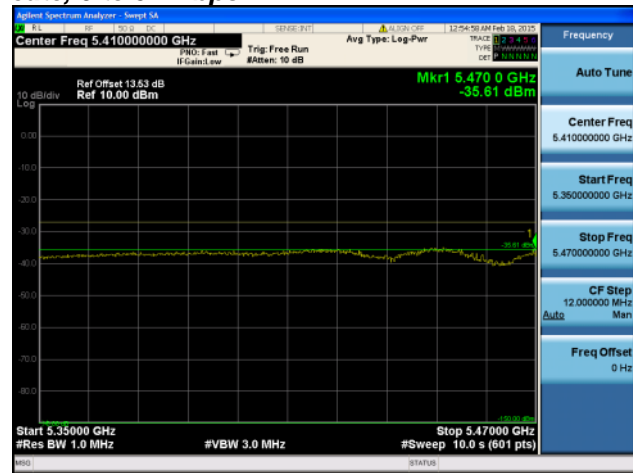
**Antenna A**



**Conducted Bandedge Peak, 5510 MHz, Non HT40 Duplicate, 6 to 54 Mbps**



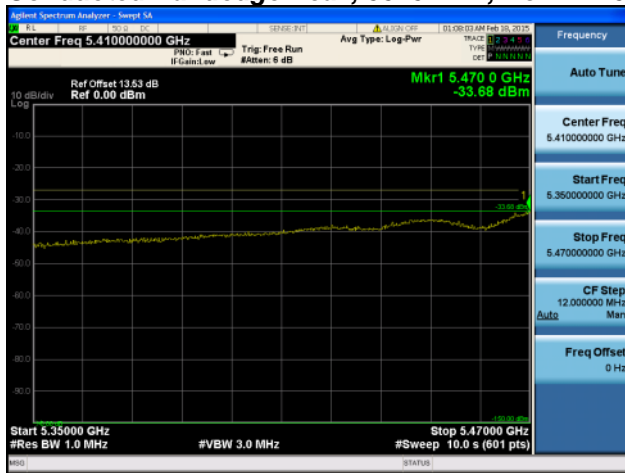
**Antenna A**



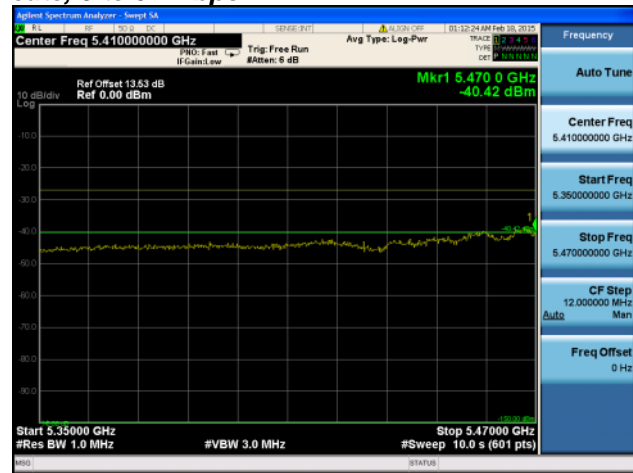
**Antenna B**



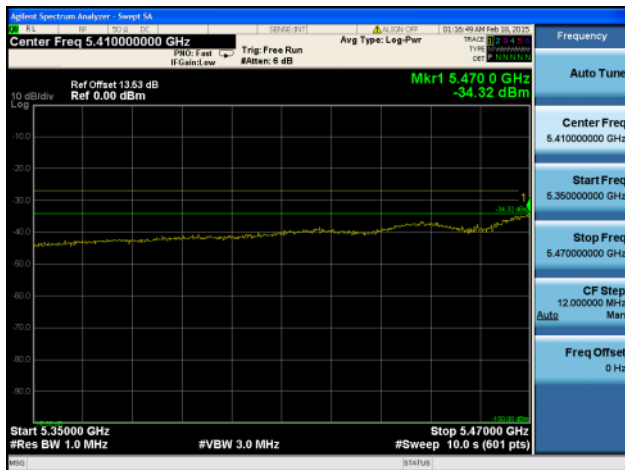
**Conducted Bandedge Peak, 5510 MHz, Non HT40 Duplicate, 6 to 54 Mbps**



**Antenna A**



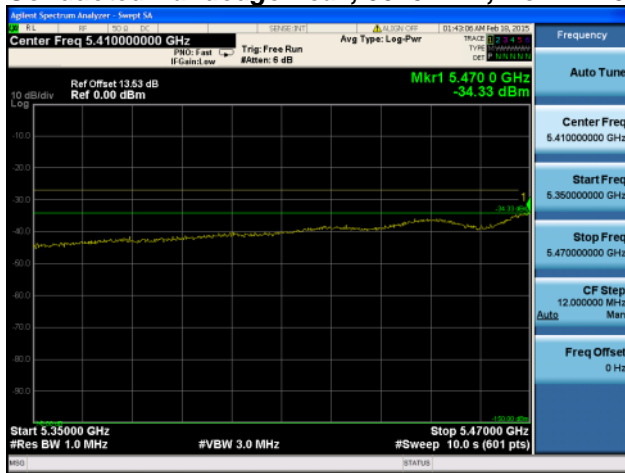
**Antenna B**



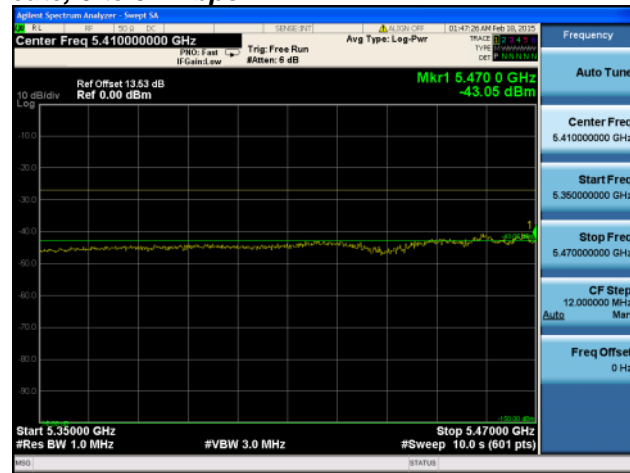
**Antenna C**



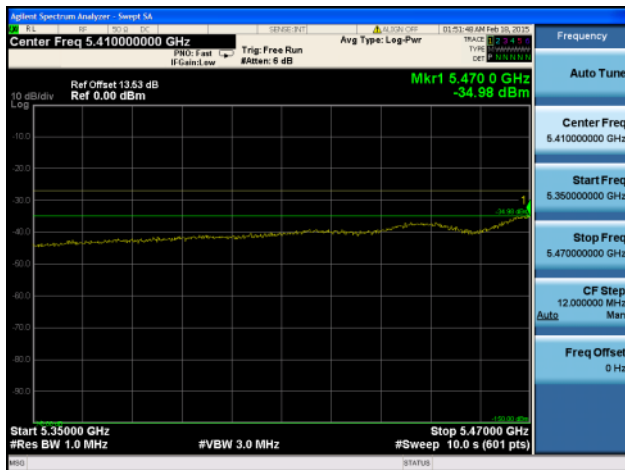
**Conducted Bandedge Peak, 5510 MHz, Non HT40 Duplicate, 6 to 54 Mbps**



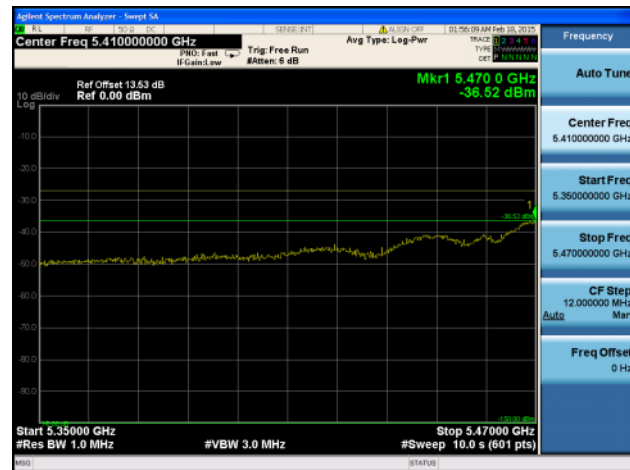
**Antenna A**



**Antenna B**



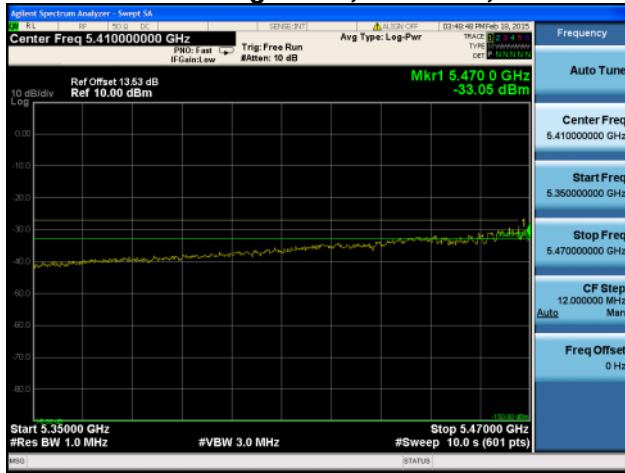
**Antenna C**



**Antenna D**



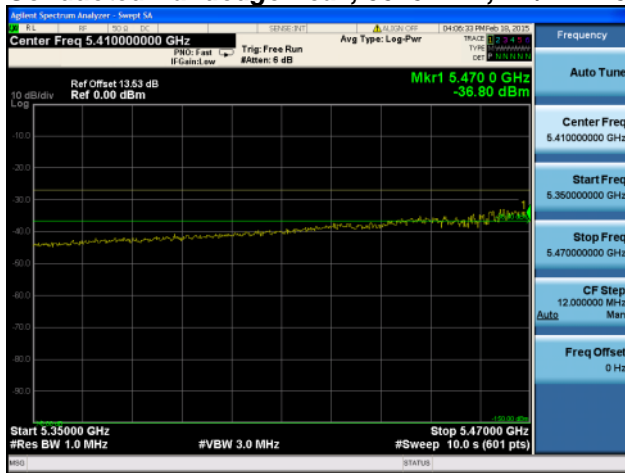
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss**



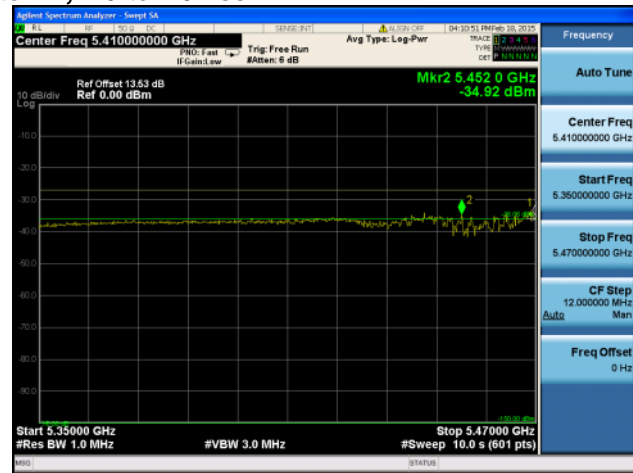
**Antenna A**



**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss**



**Antenna A**

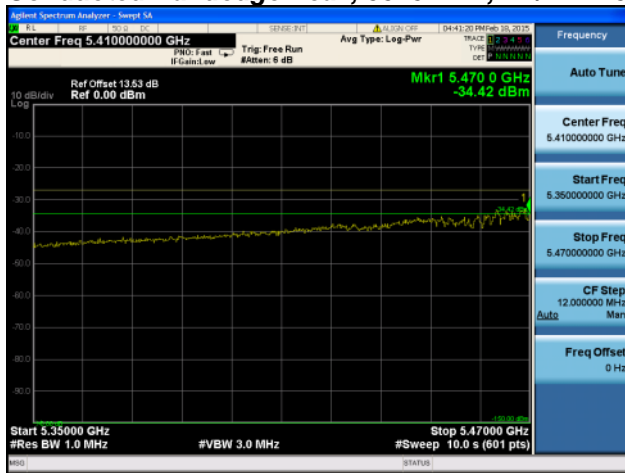


**Antenna B**

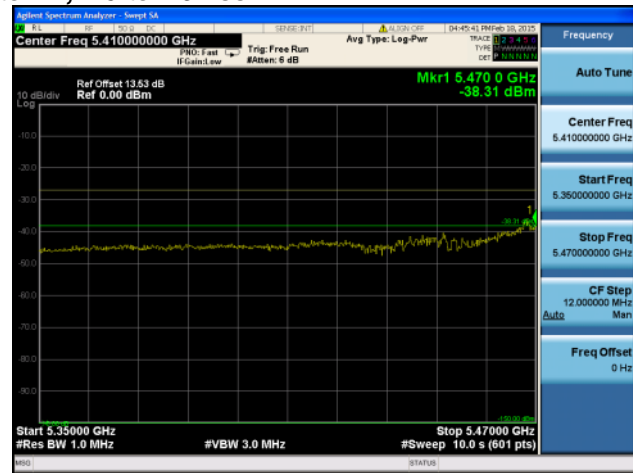




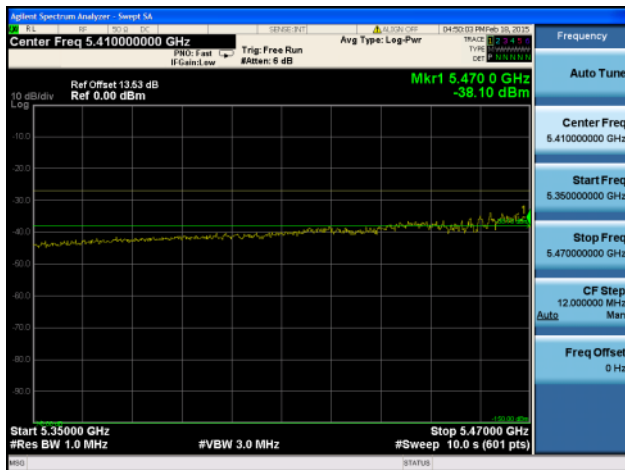
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss**



**Antenna A**



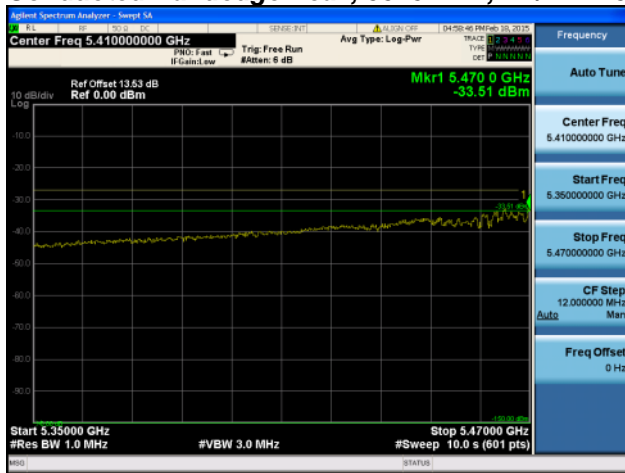
**Antenna B**



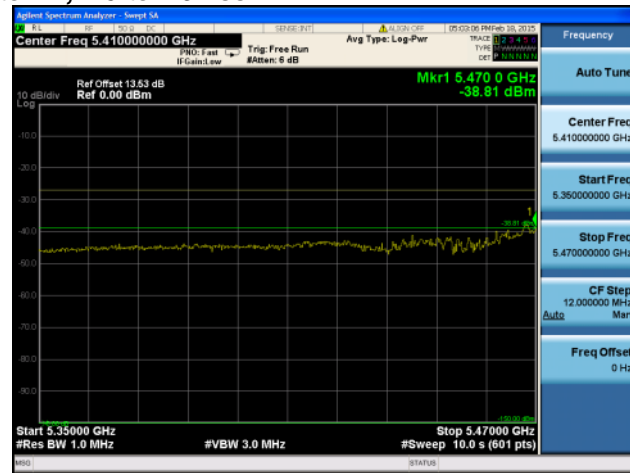
**Antenna C**



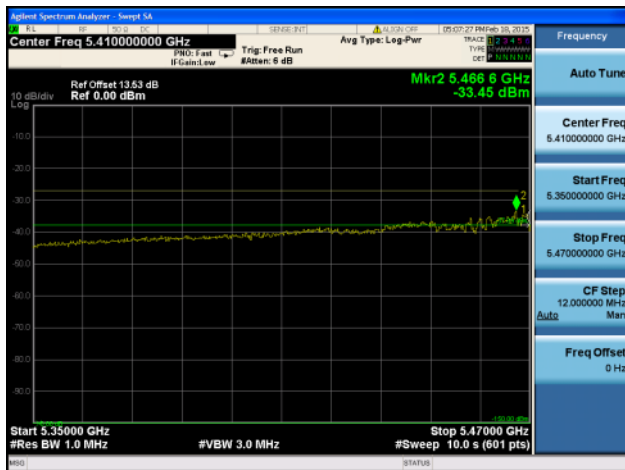
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss**



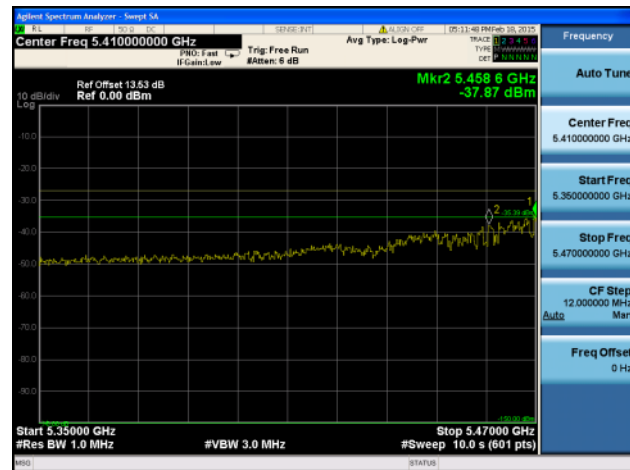
**Antenna A**



**Antenna B**



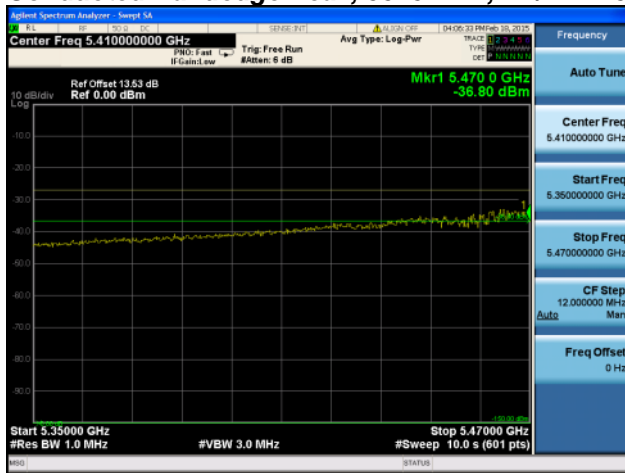
**Antenna C**



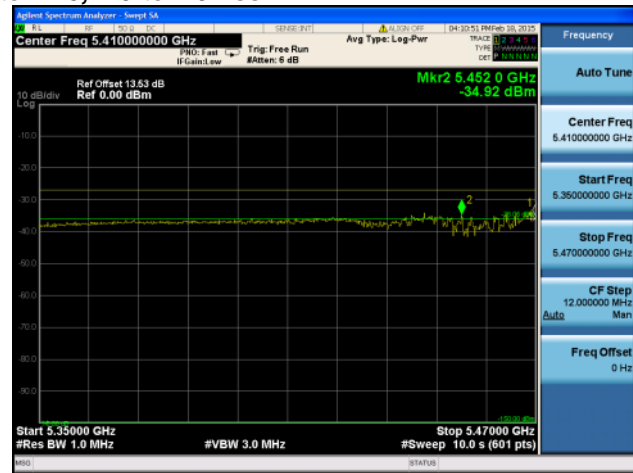
**Antenna D**



**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss**



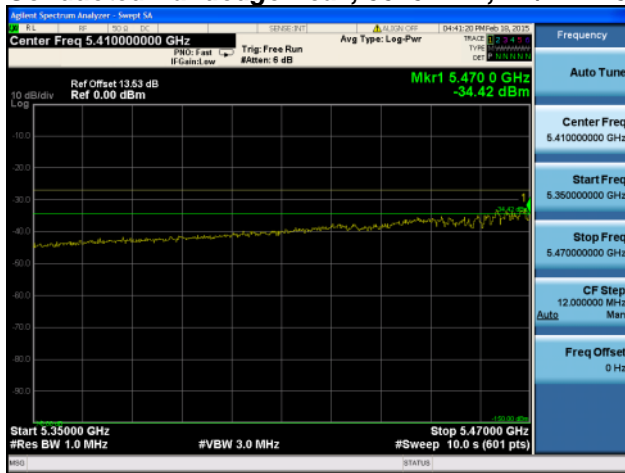
**Antenna A**



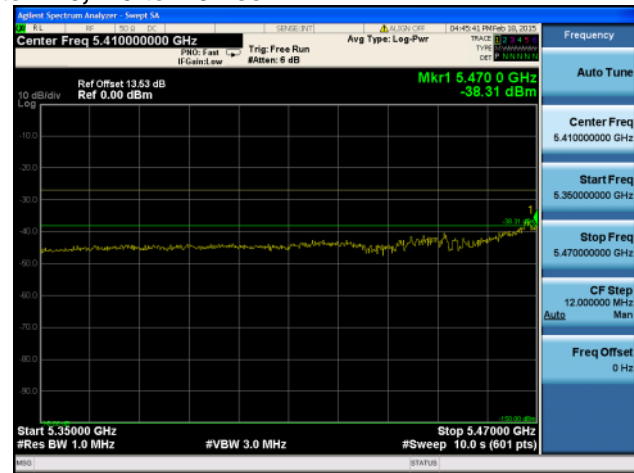
**Antenna B**



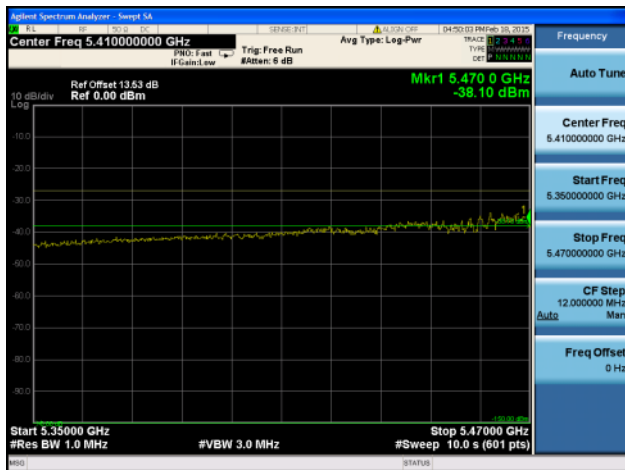
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss**



**Antenna A**



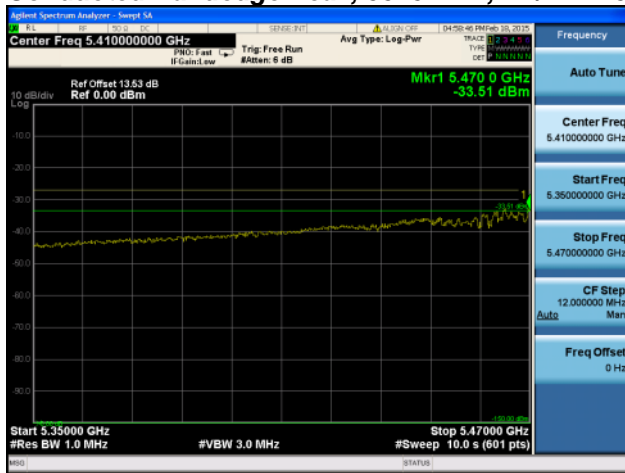
**Antenna B**



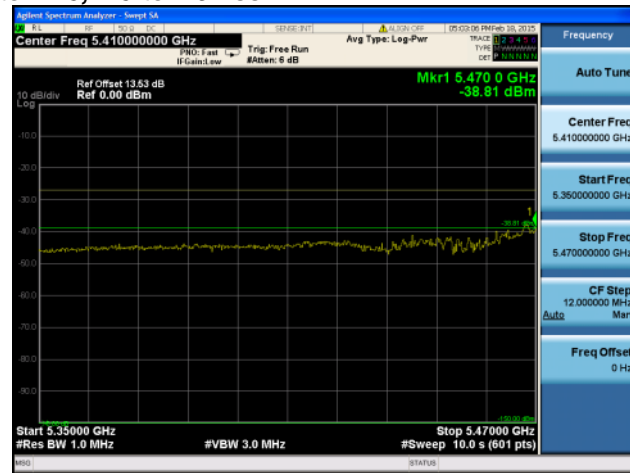
**Antenna C**



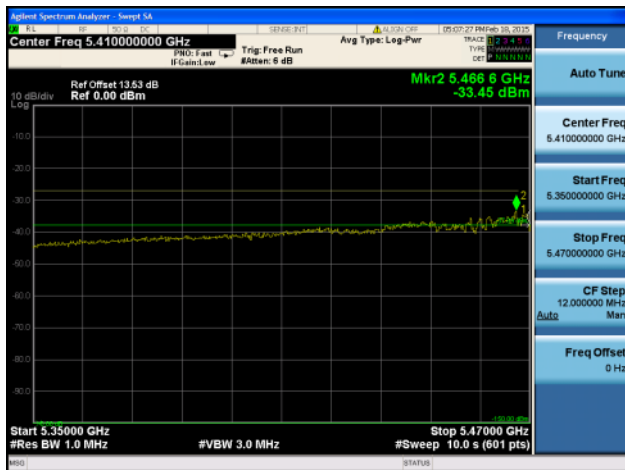
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss**



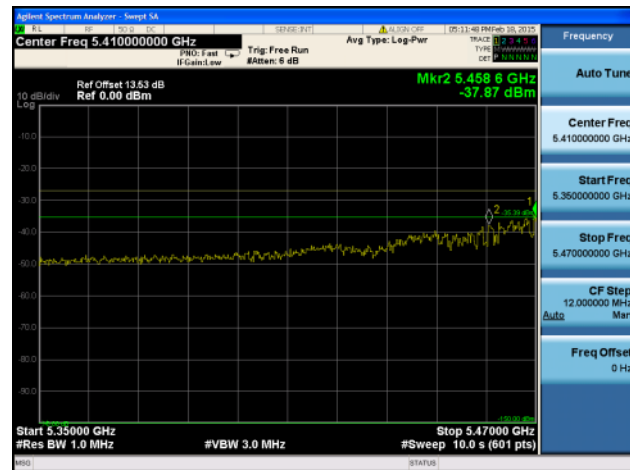
**Antenna A**



**Antenna B**



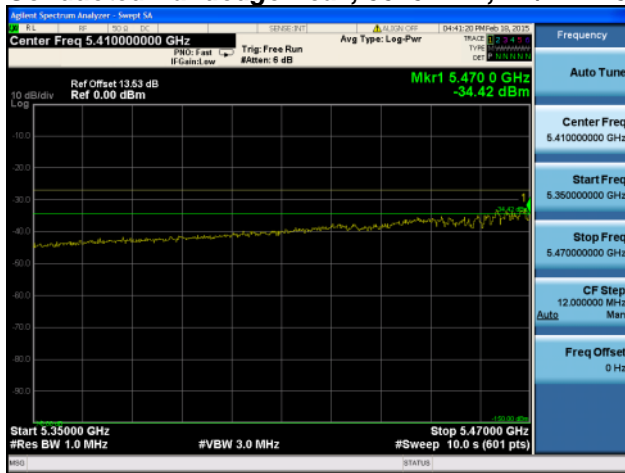
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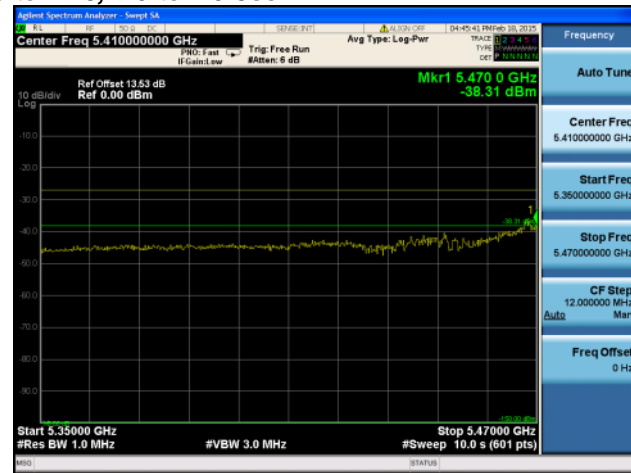
**Antenna D**



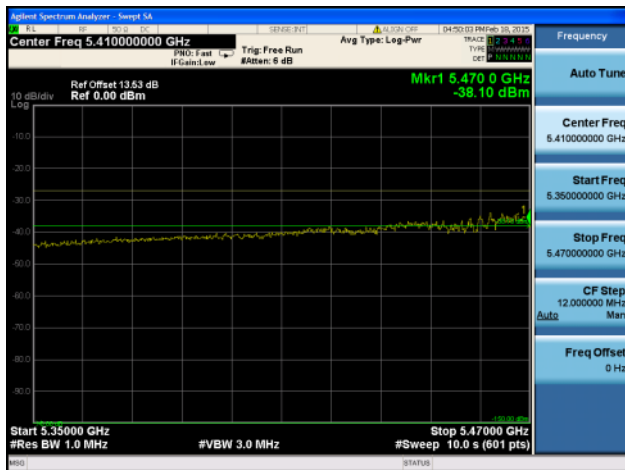
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss**



**Antenna A**



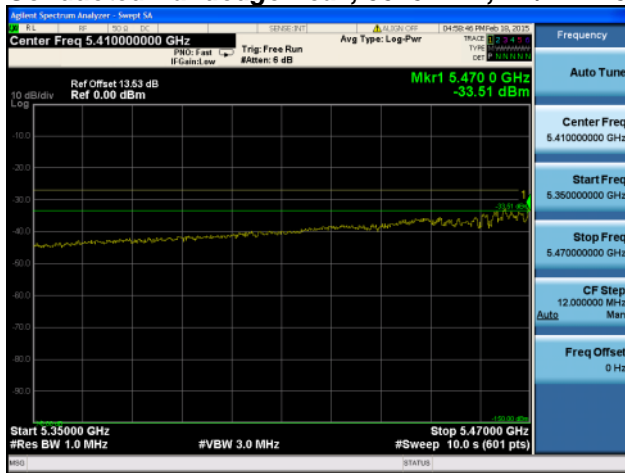
**Antenna B**



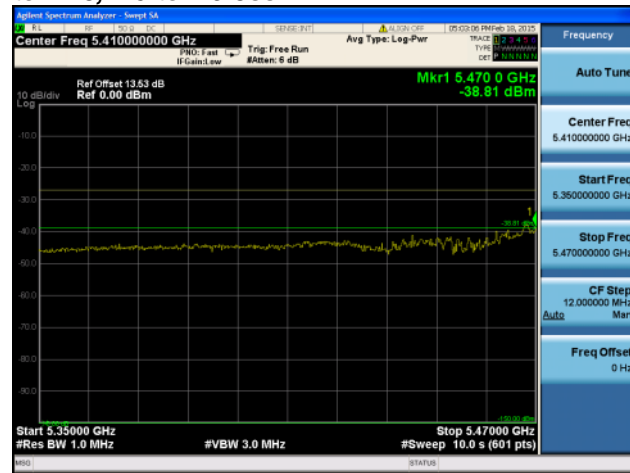
**Antenna C**



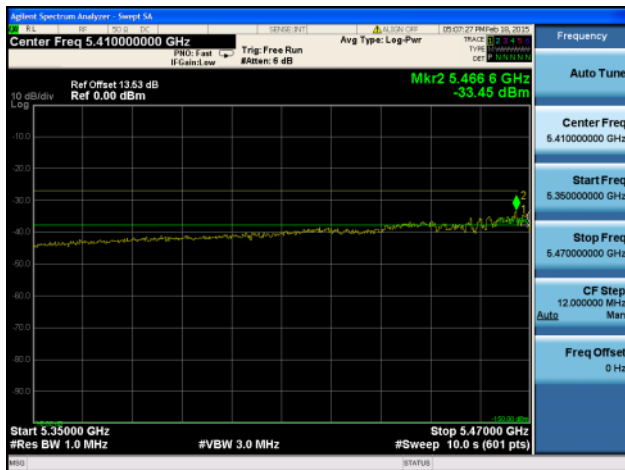
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss**



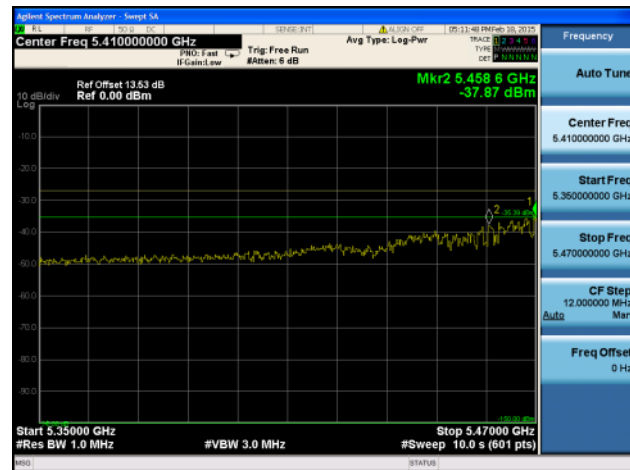
**Antenna A**



**Antenna B**



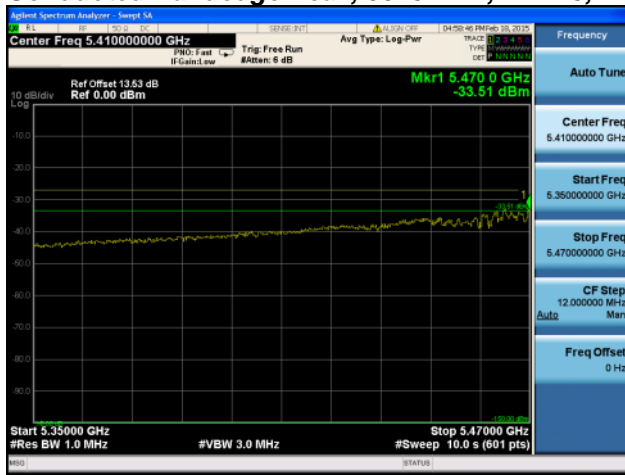
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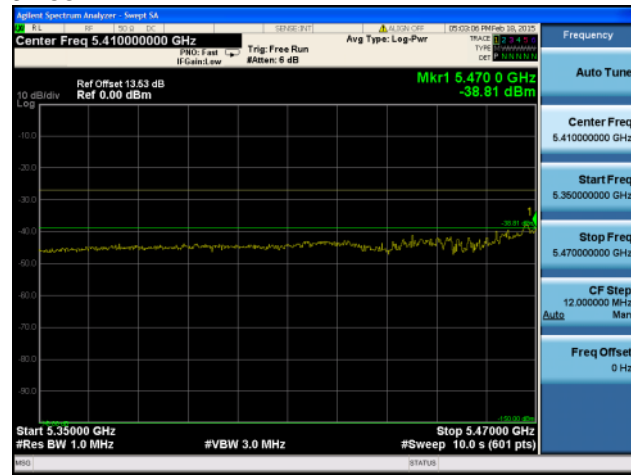
**Antenna D**



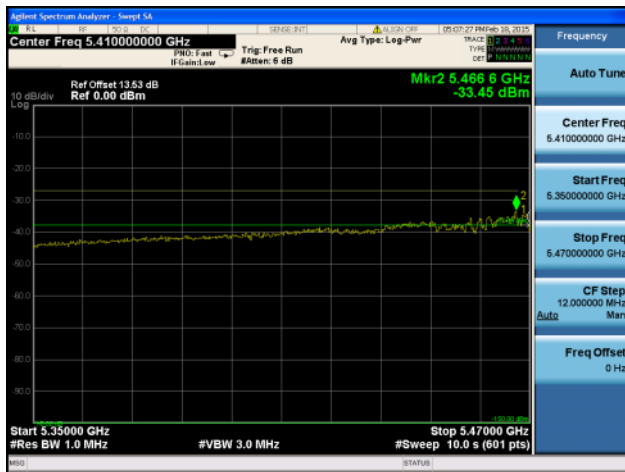
**Conducted Bandedge Peak, 5510 MHz, VHT40, M0 to M9 4ss**



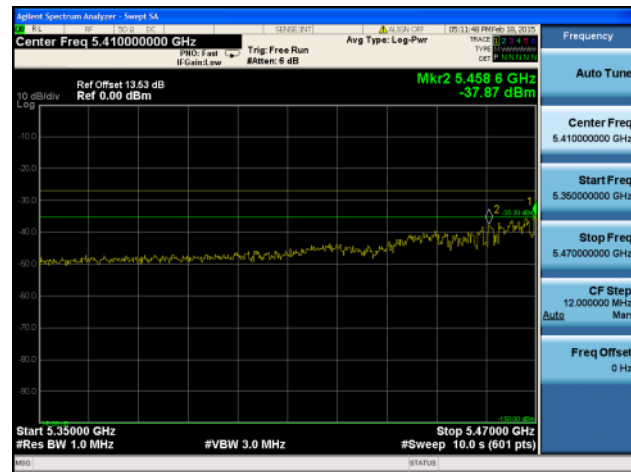
**Antenna A**



**Antenna B**



**Antenna C**

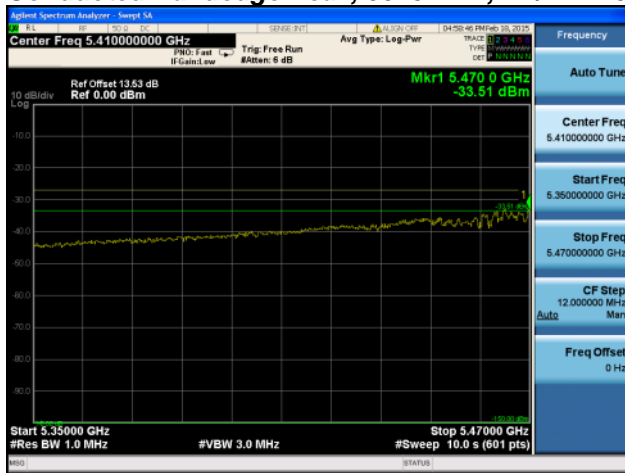


**Antenna D**

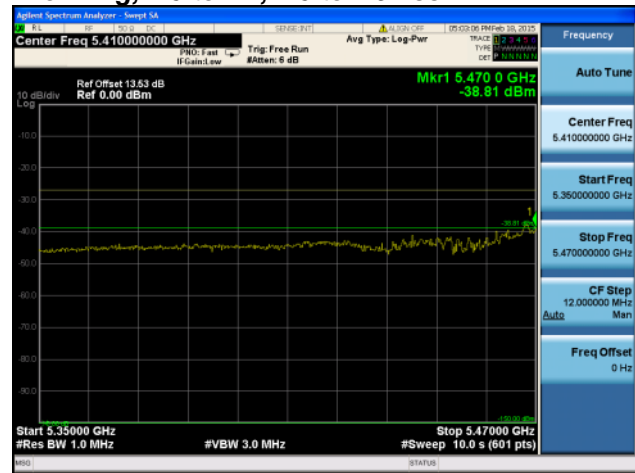




**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss**



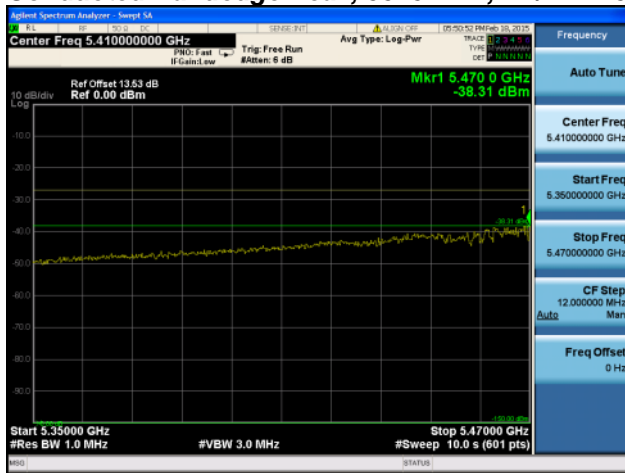
**Antenna A**



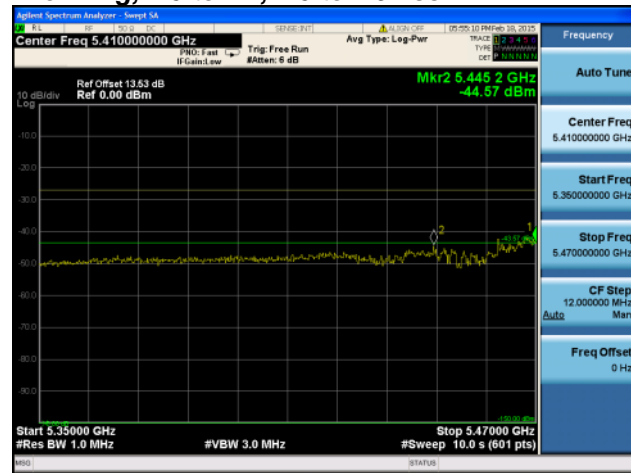
**Antenna B**



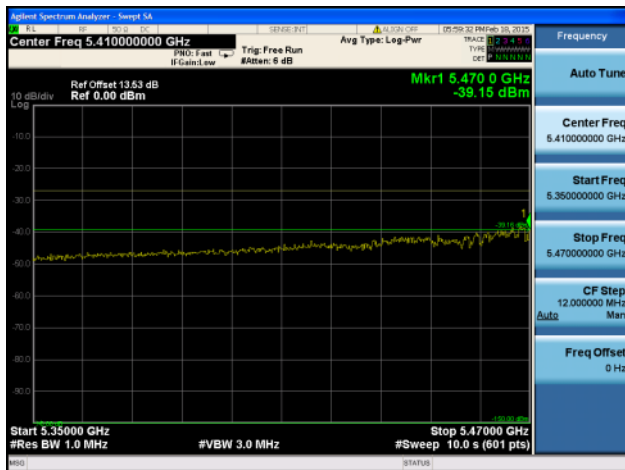
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss**



**Antenna A**



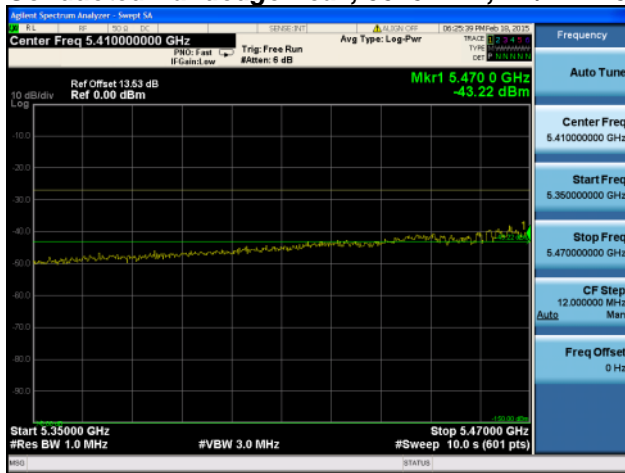
**Antenna B**



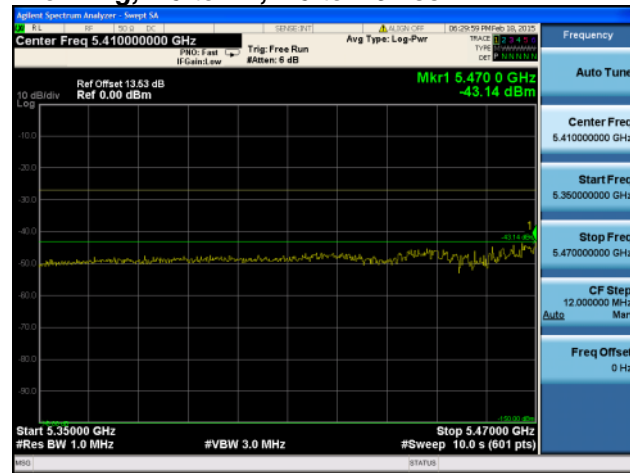
**Antenna C**



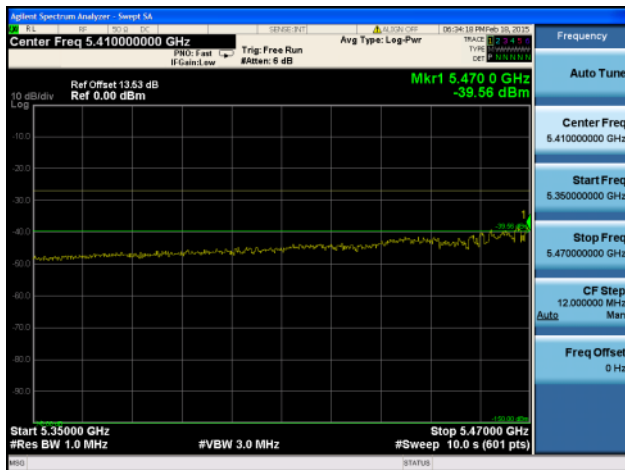
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss**



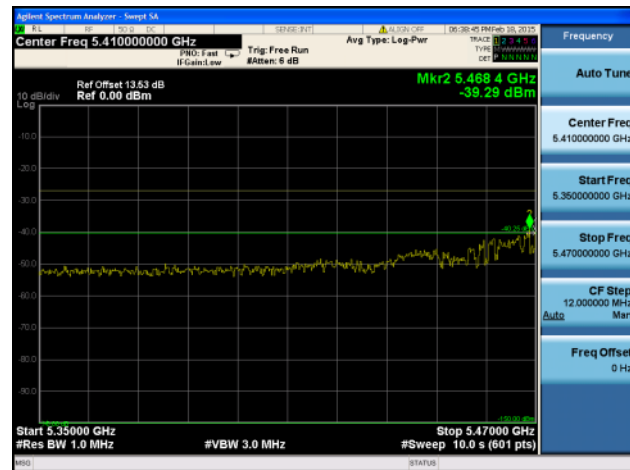
**Antenna A**



**Antenna B**



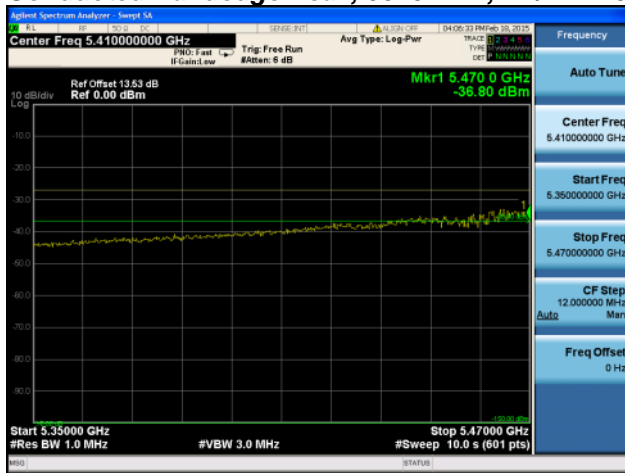
**Antenna C**



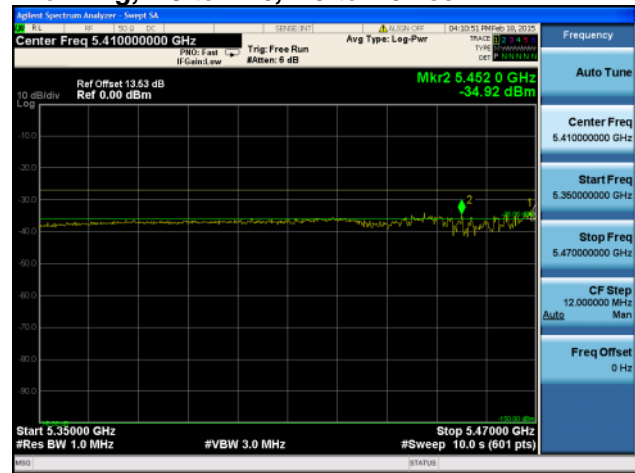
**Antenna D**



**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss**



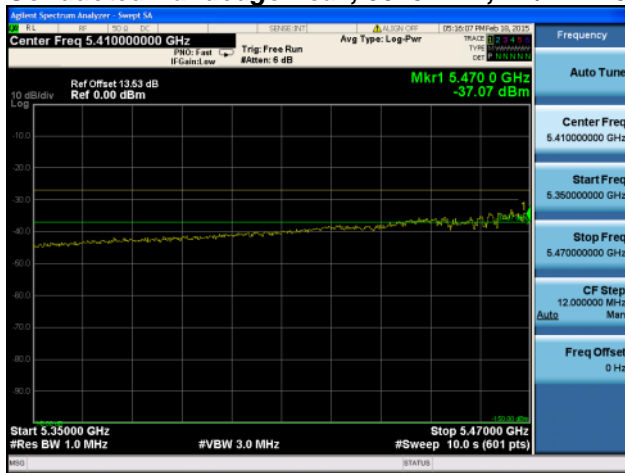
**Antenna A**



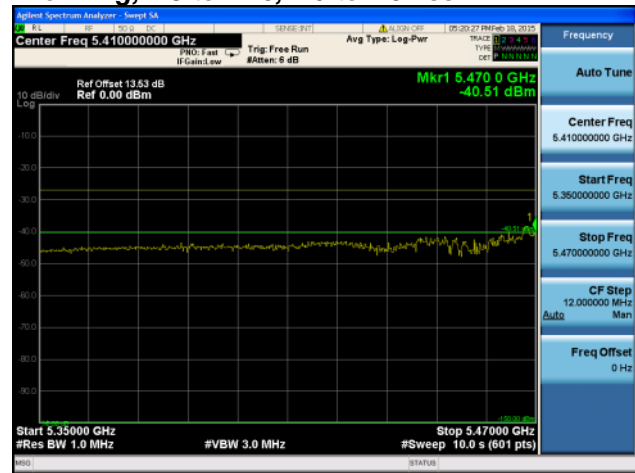
**Antenna B**



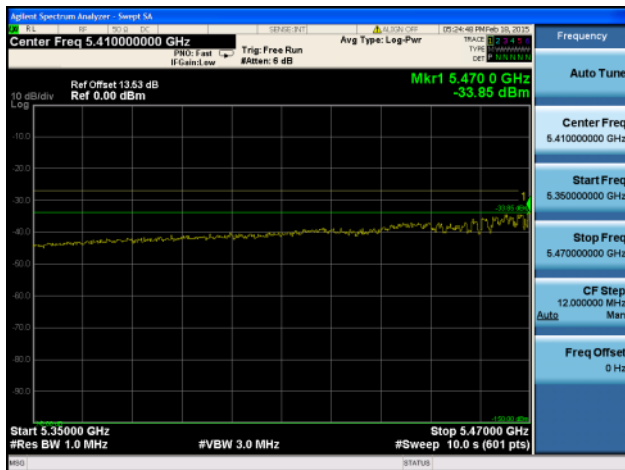
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss**



**Antenna A**



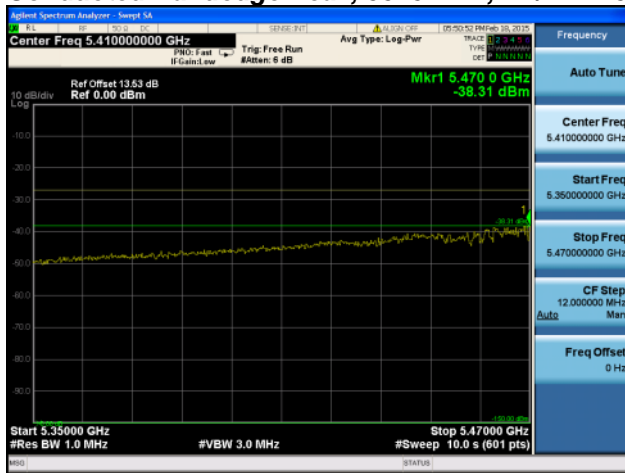
**Antenna B**



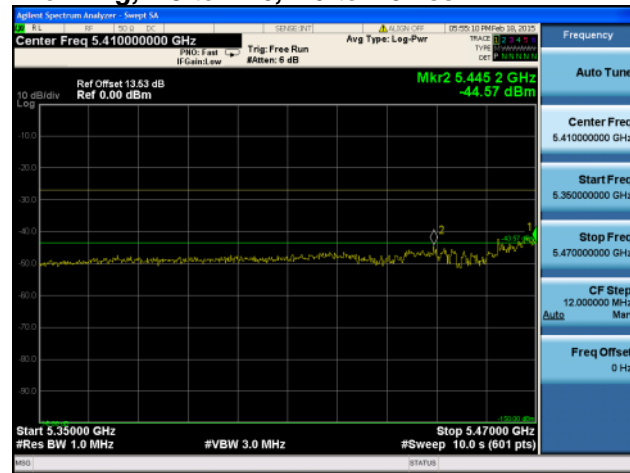
**Antenna C**



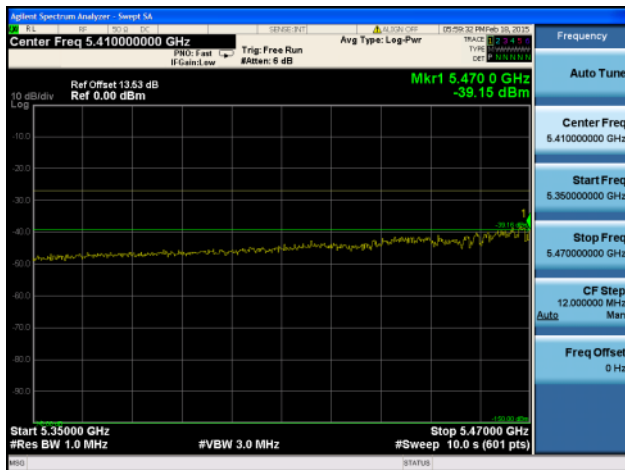
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss**



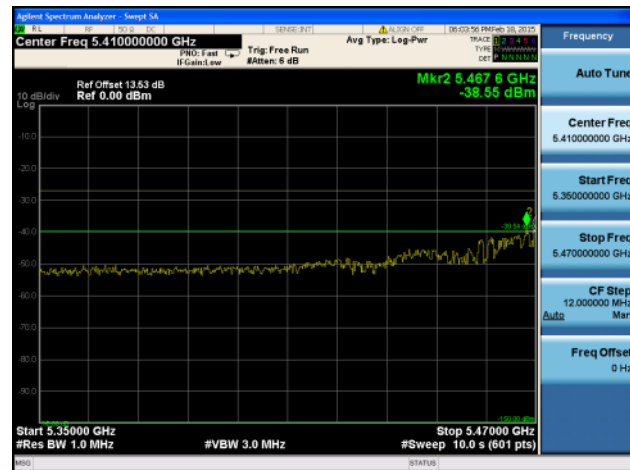
**Antenna A**



**Antenna B**



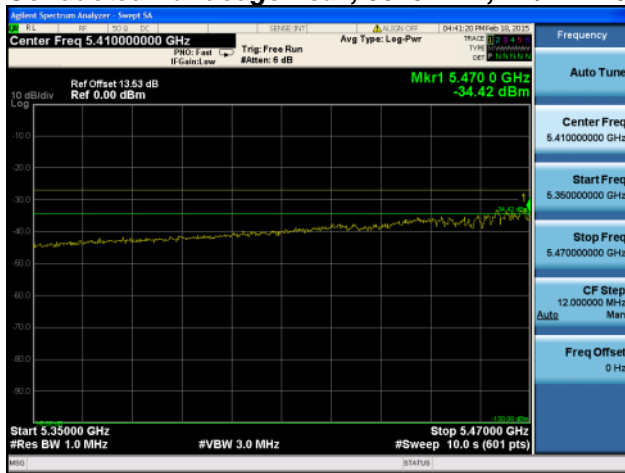
**Antenna C**



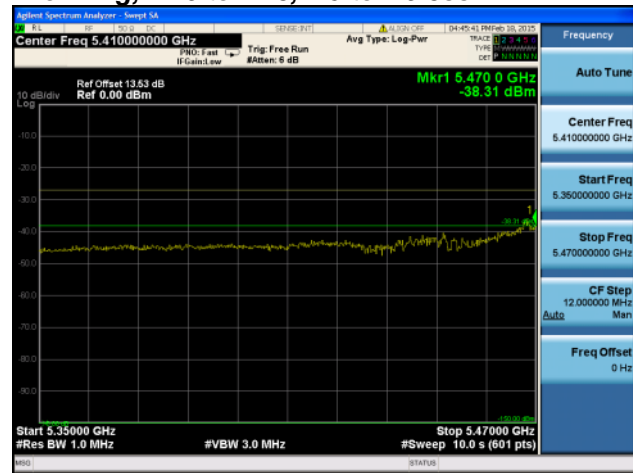
**Antenna D**



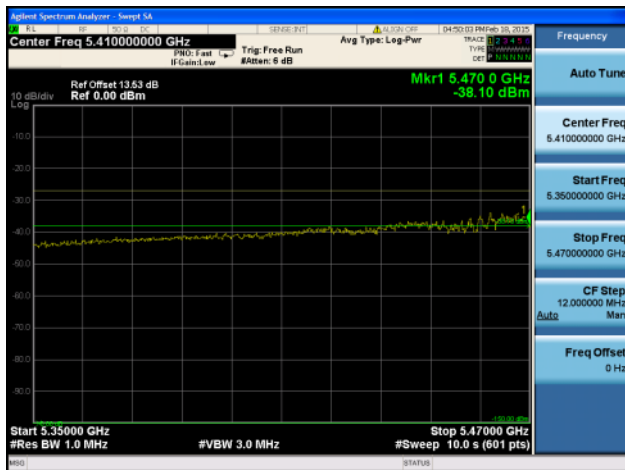
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss**



**Antenna A**



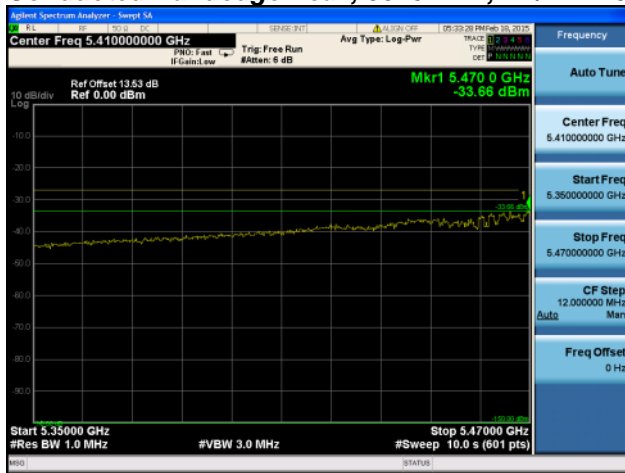
**Antenna B**



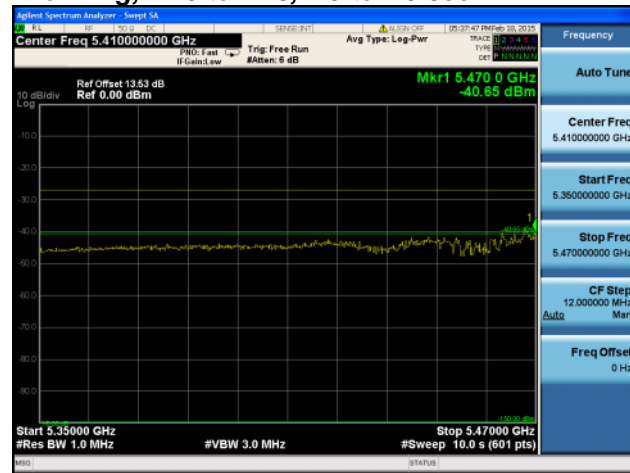
**Antenna C**



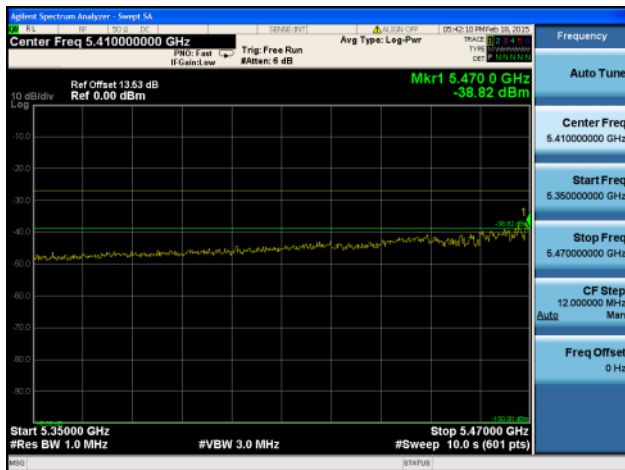
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss**



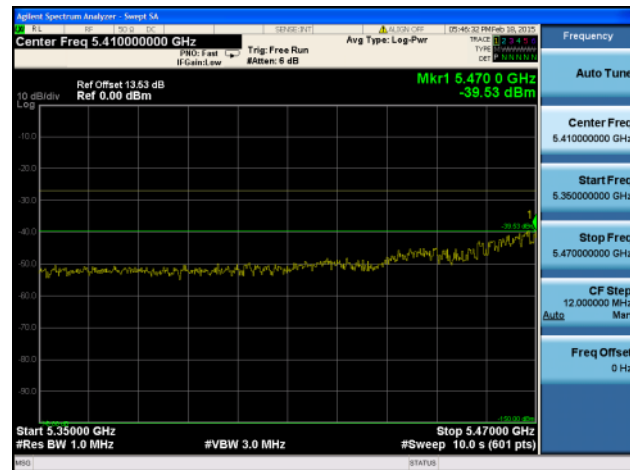
**Antenna A**



**Antenna B**



**Antenna C**

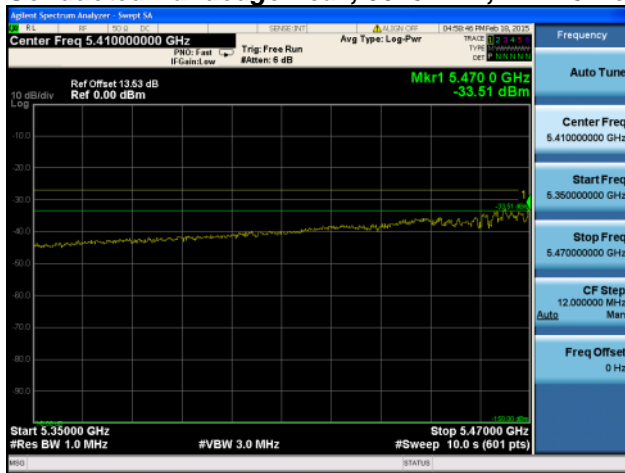


**Antenna D**

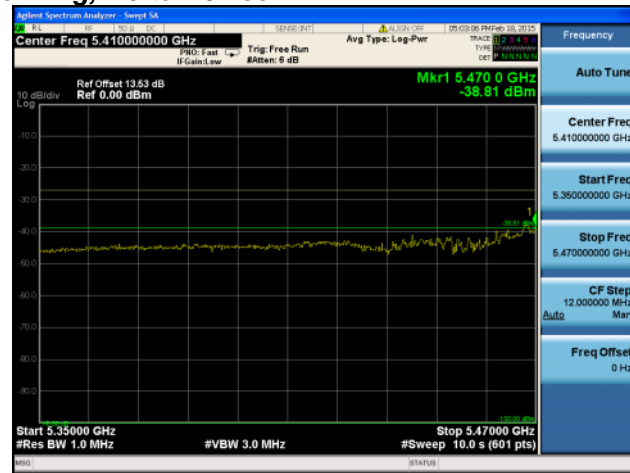




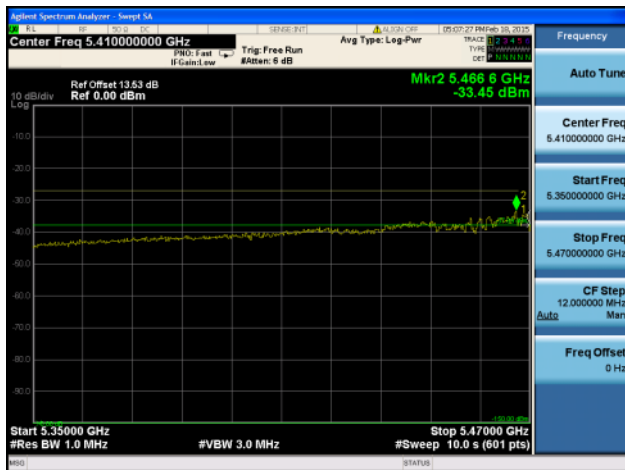
**Conducted Bandedge Peak, 5510 MHz, VHT40 Beam Forming, M0 to M9 4ss**



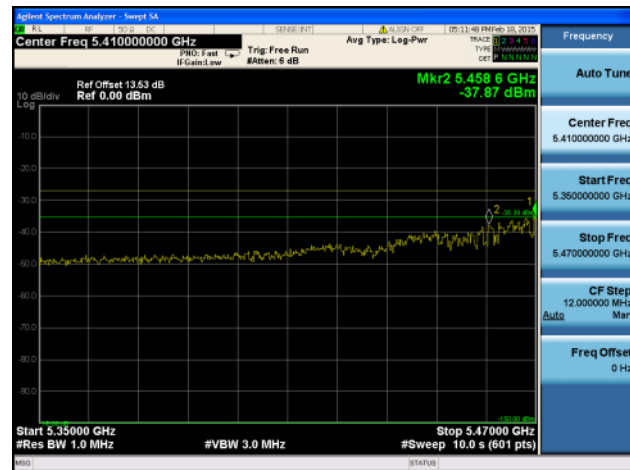
**Antenna A**



**Antenna B**



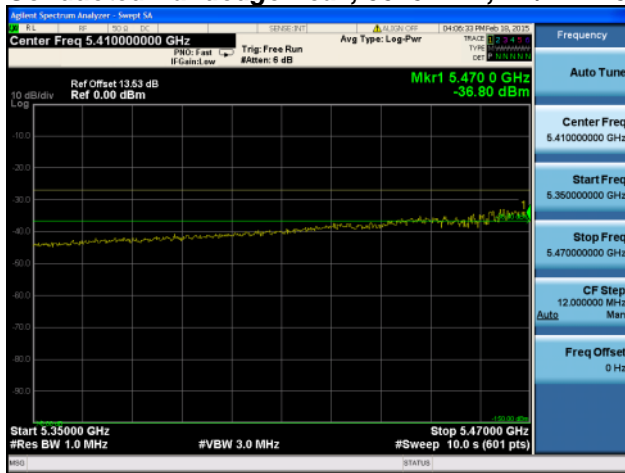
**Antenna C**



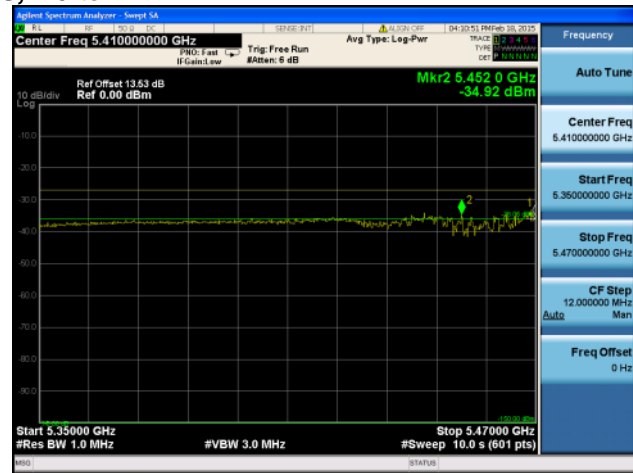
**Antenna D**



**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 STBC, M0 to M7**



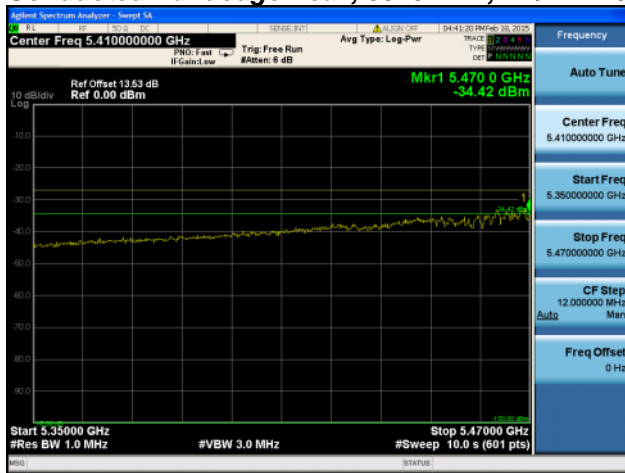
**Antenna A**



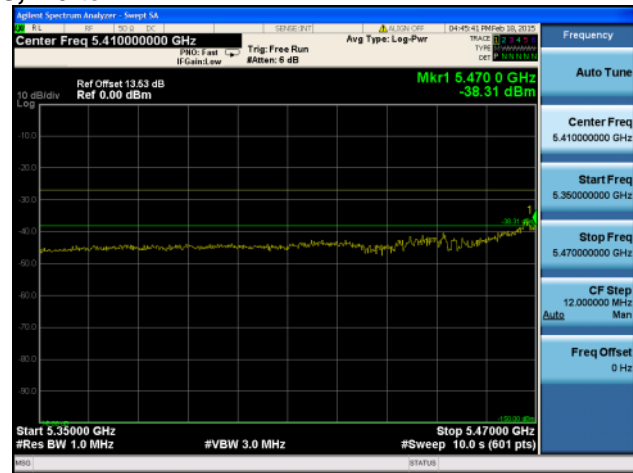
**Antenna B**



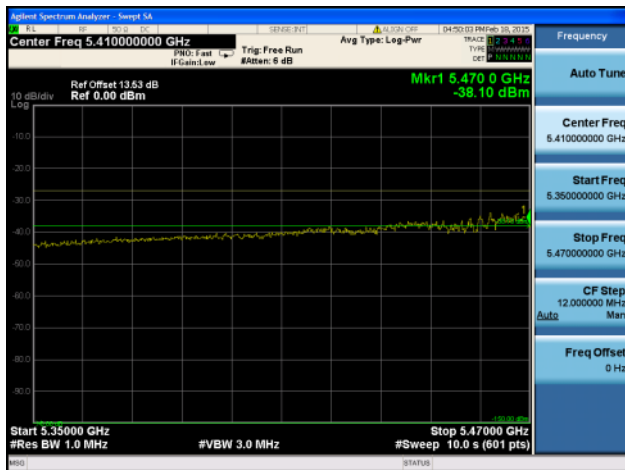
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 STBC, M0 to M7**



**Antenna A**



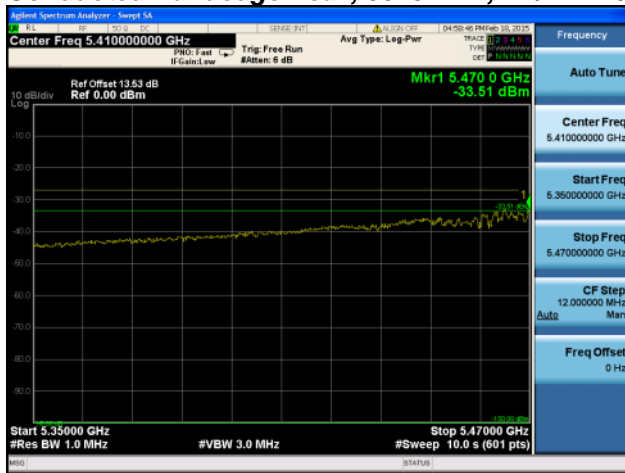
**Antenna B**



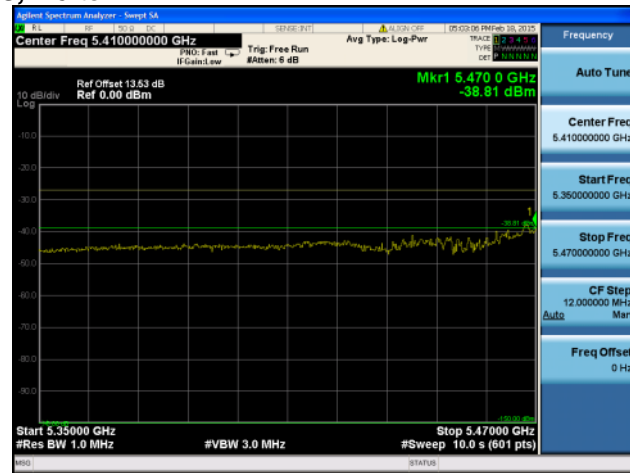
**Antenna C**



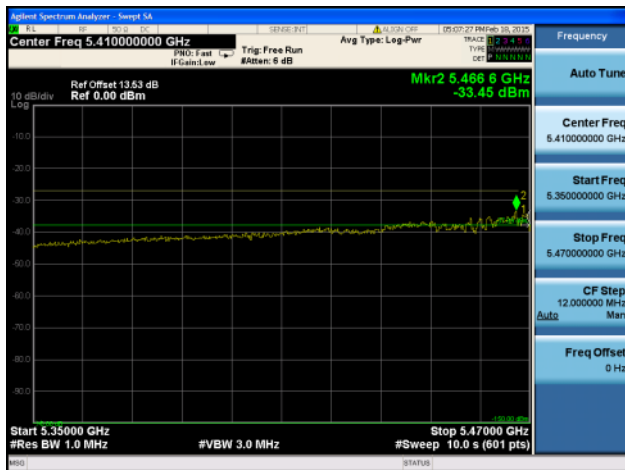
**Conducted Bandedge Peak, 5510 MHz, HT/VHT40 STBC, M0 to M7**



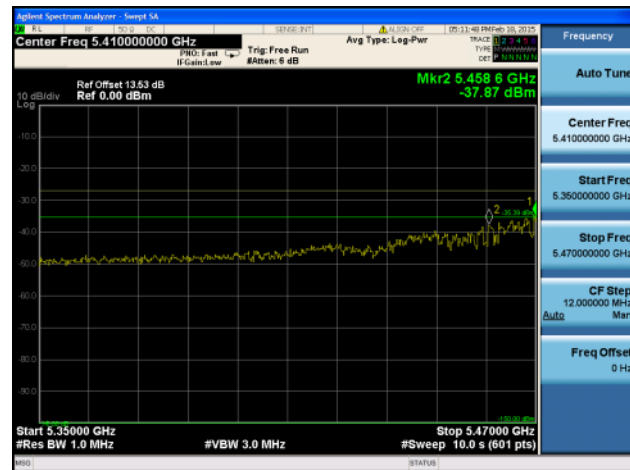
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



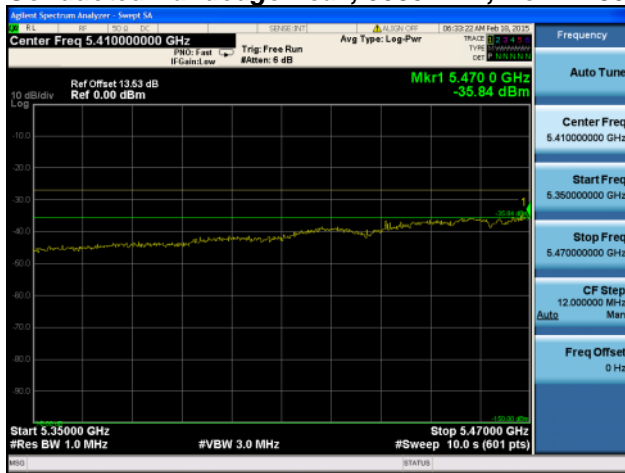
**Conducted Bandedge Peak, 5530 MHz, Non HT80 Duplicate, 6 to 54 Mbps**



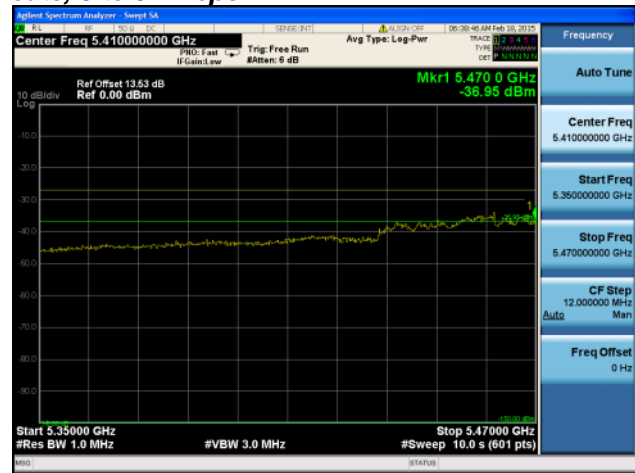
**Antenna A**



**Conducted Bandedge Peak, 5530 MHz, Non HT80 Duplicate, 6 to 54 Mbps**



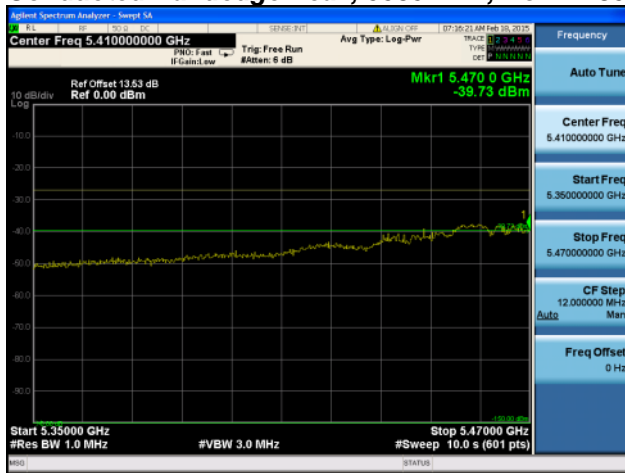
**Antenna A**



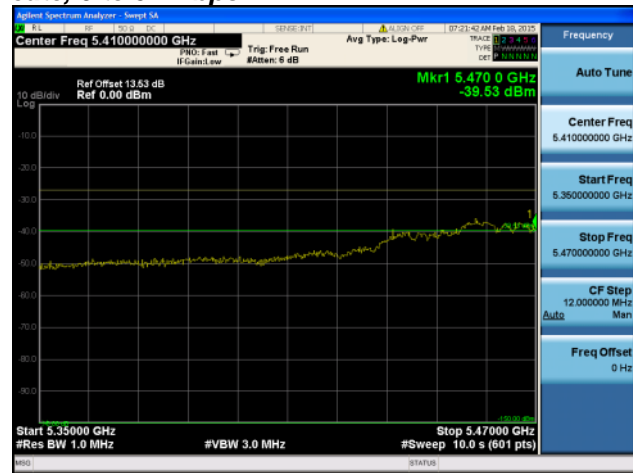
**Antenna B**



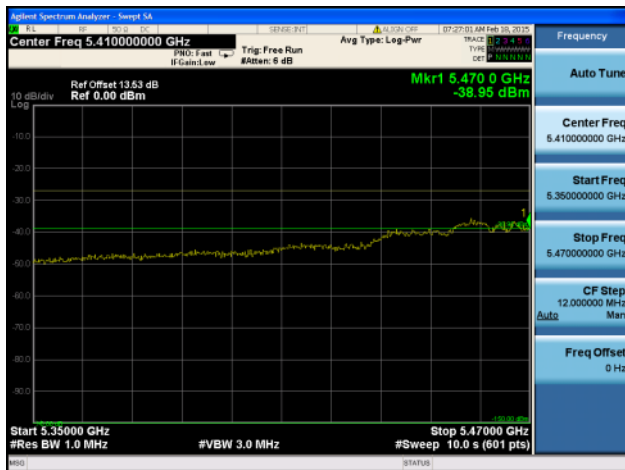
**Conducted Bandedge Peak, 5530 MHz, Non HT80 Duplicate, 6 to 54 Mbps**



**Antenna A**



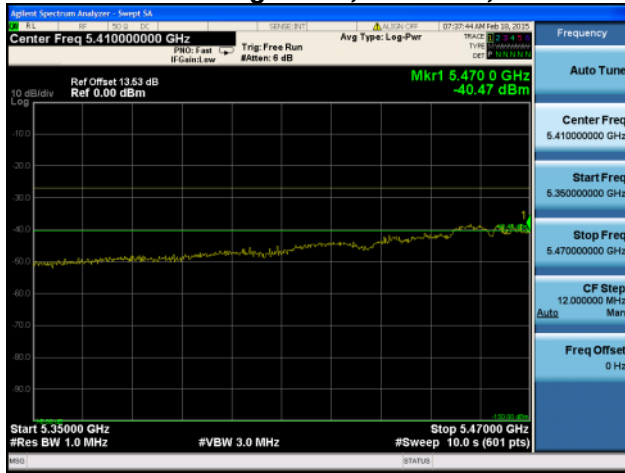
**Antenna B**



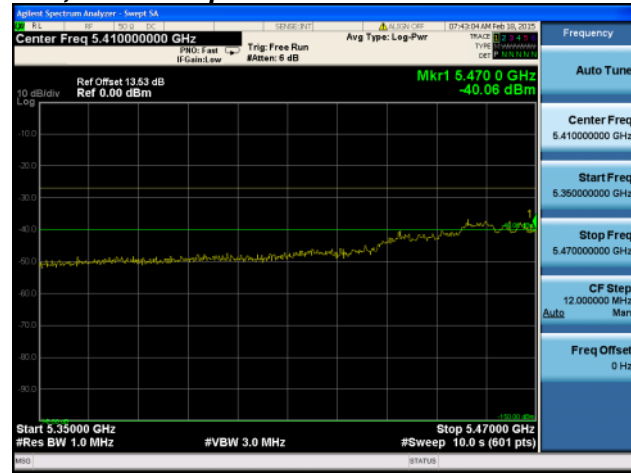
**Antenna C**



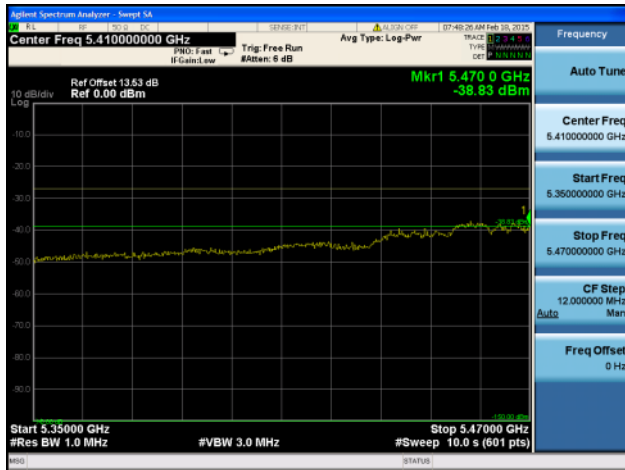
**Conducted Bandedge Peak, 5530 MHz, Non HT80 Duplicate, 6 to 54 Mbps**



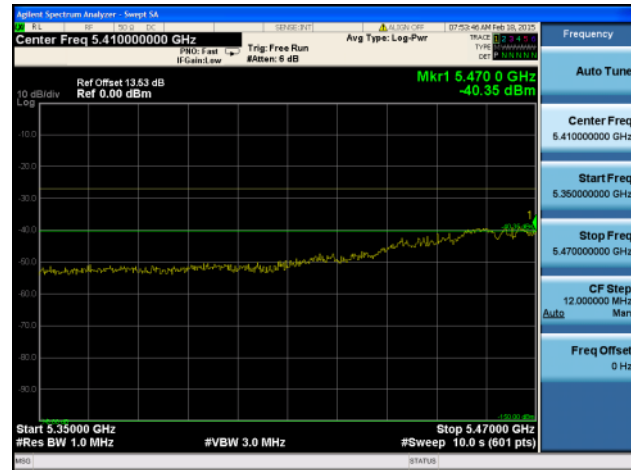
**Antenna A**



**Antenna B**



**Antenna C**

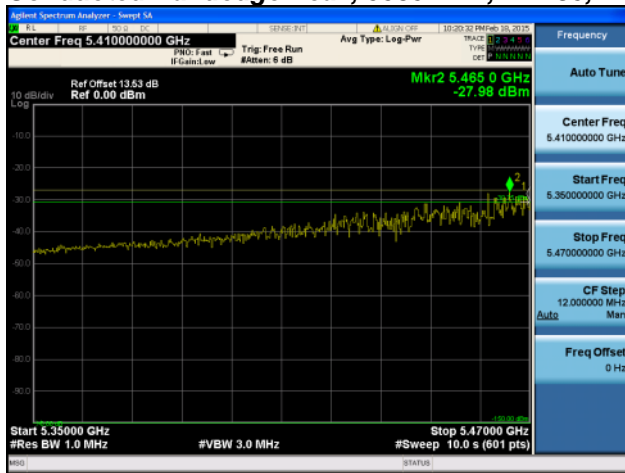


**Antenna D**





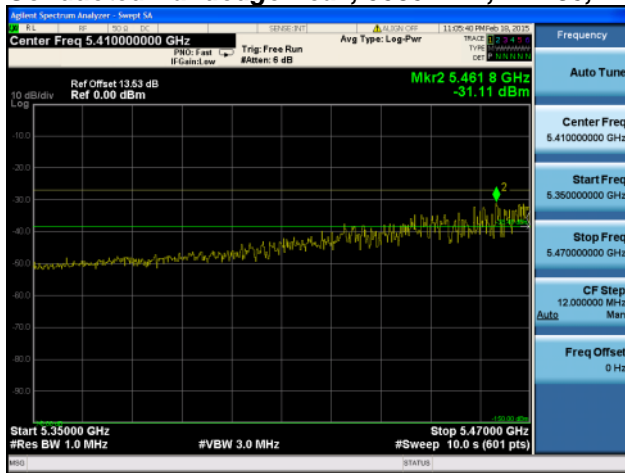
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 1ss**



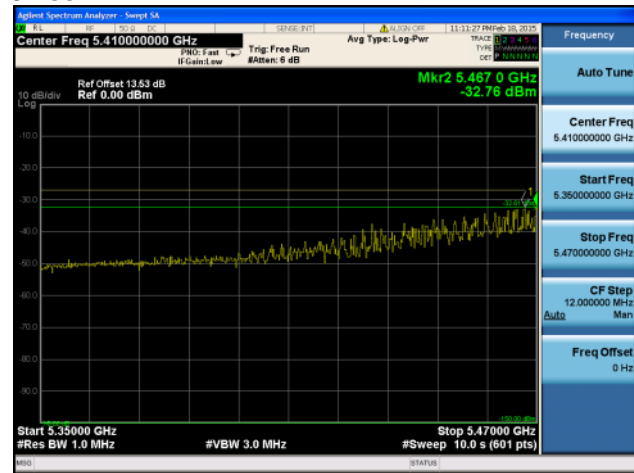
**Antenna A**



**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 1ss**



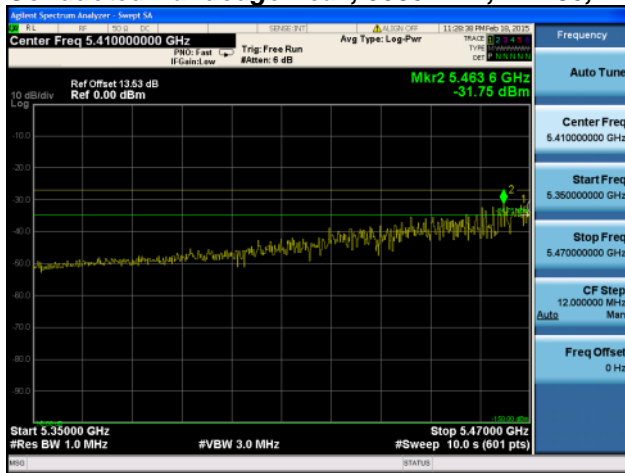
**Antenna A**



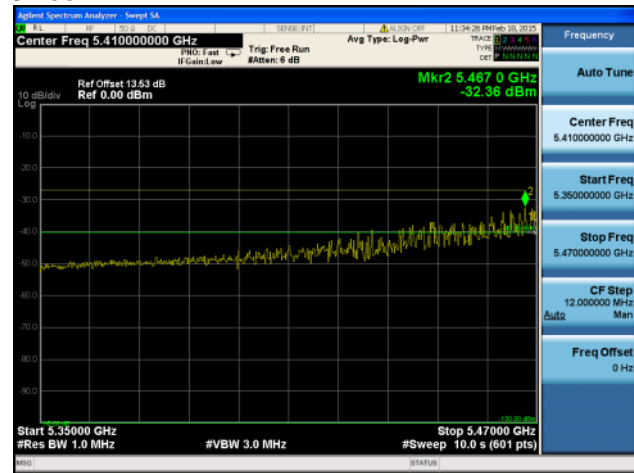
**Antenna B**



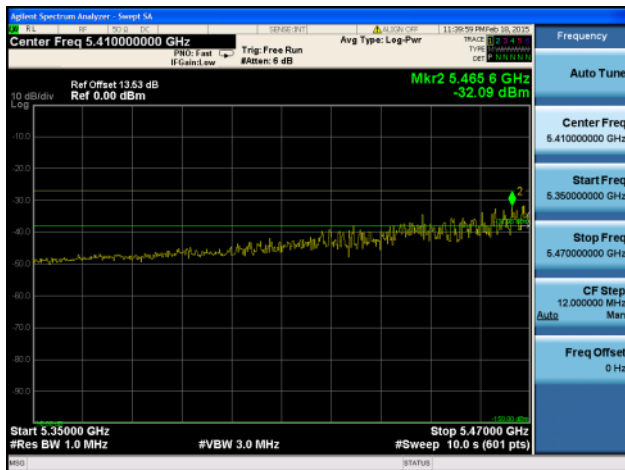
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 1ss**



**Antenna A**



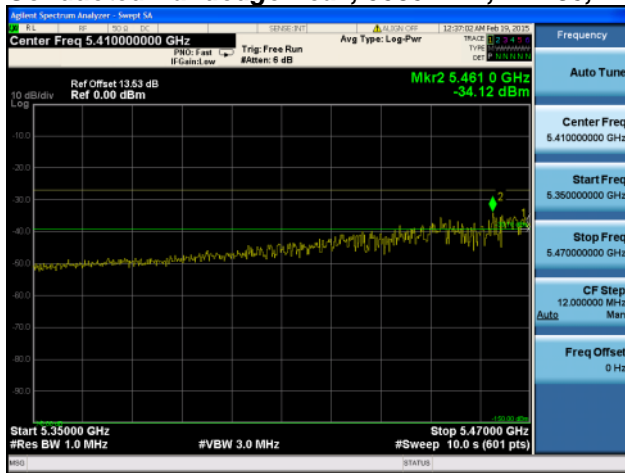
**Antenna B**



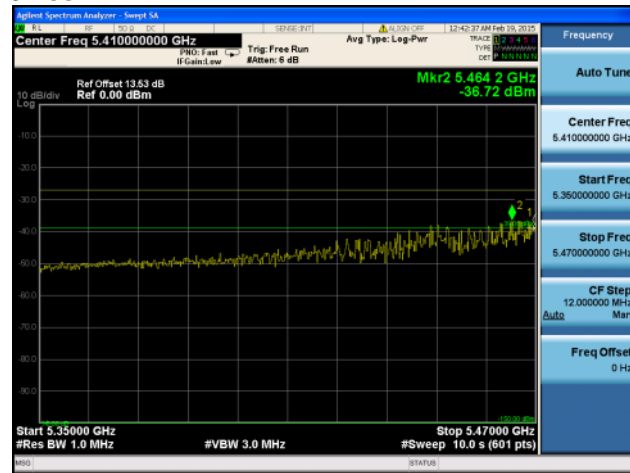
**Antenna C**



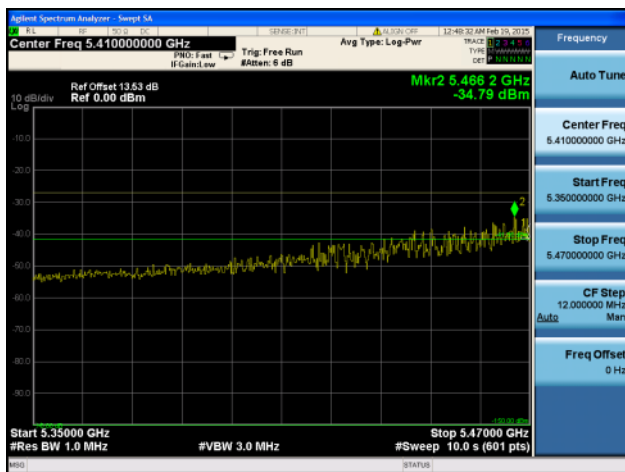
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 1ss**



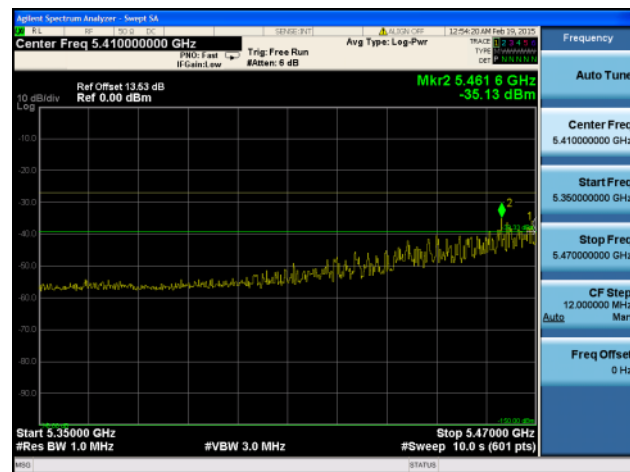
**Antenna A**



**Antenna B**



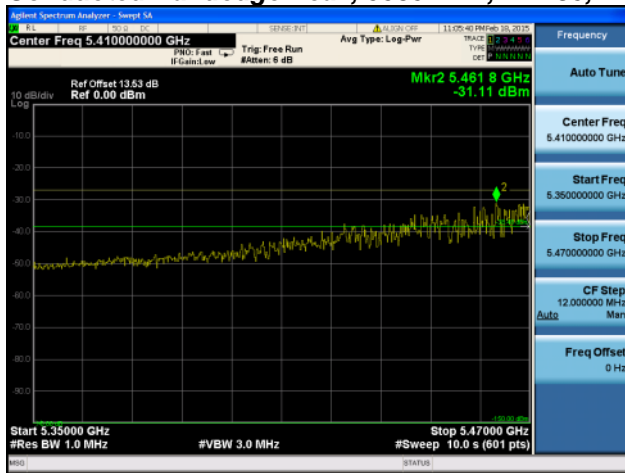
**Antenna C**



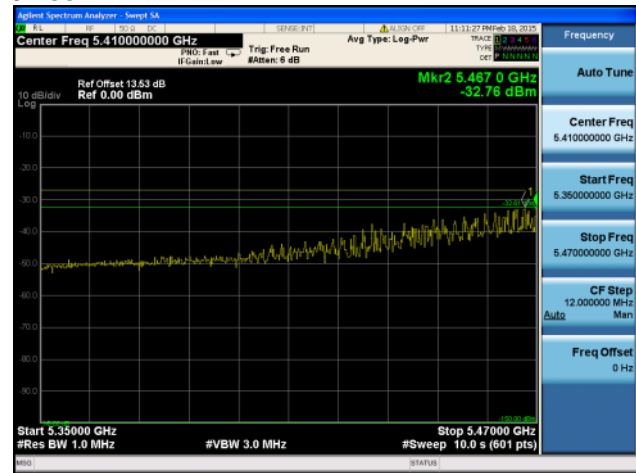
**Antenna D**



**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 2ss**



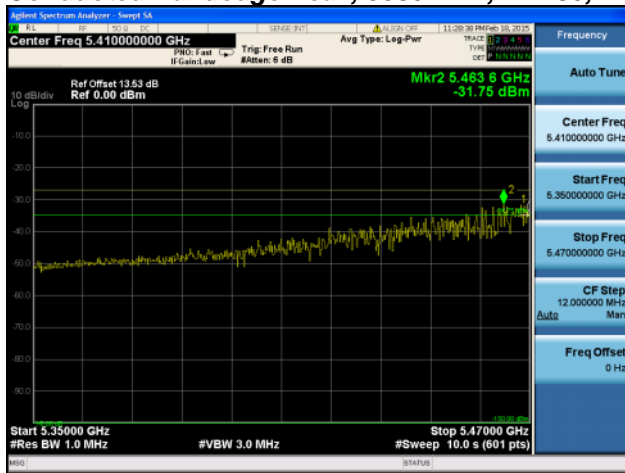
**Antenna A**



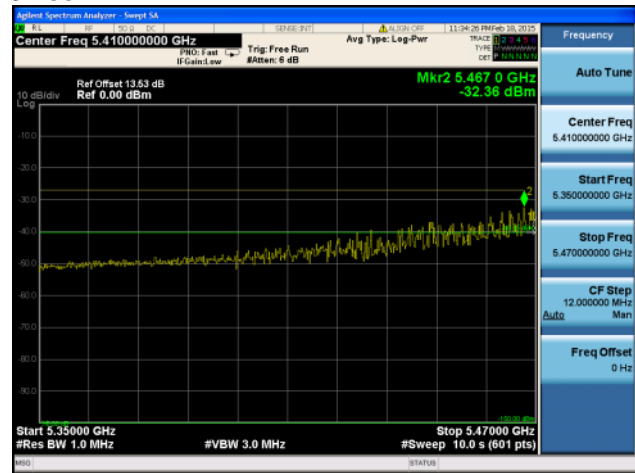
**Antenna B**



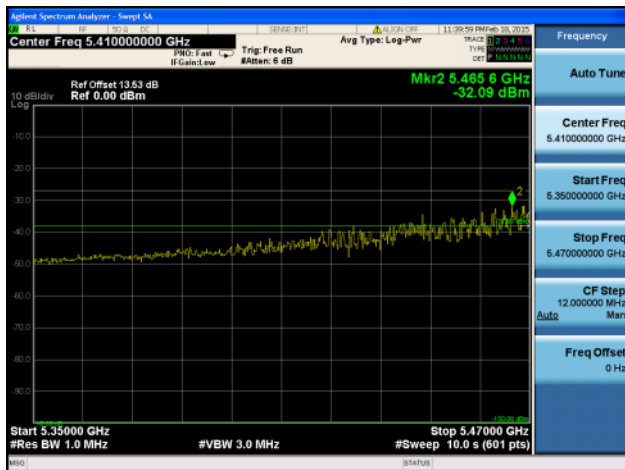
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 2ss**



**Antenna A**



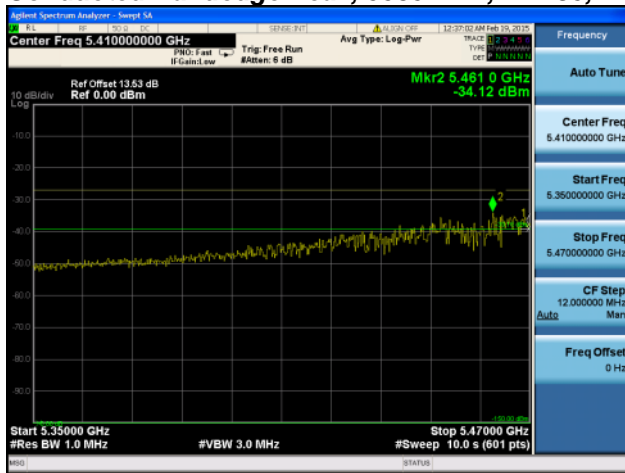
**Antenna B**



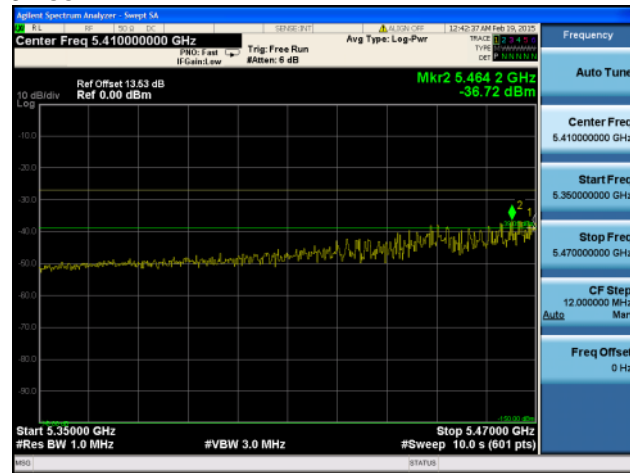
**Antenna C**



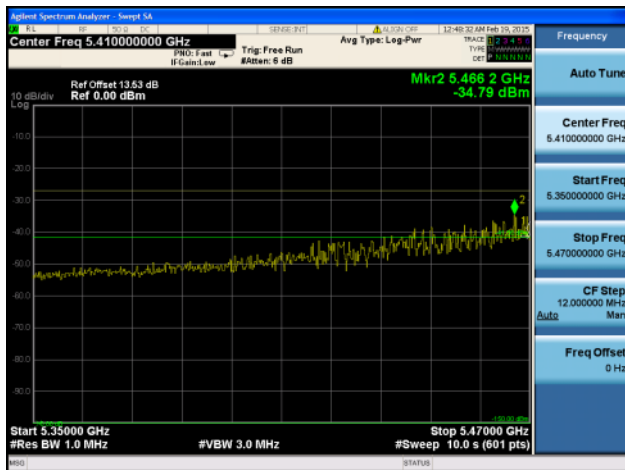
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 2ss**



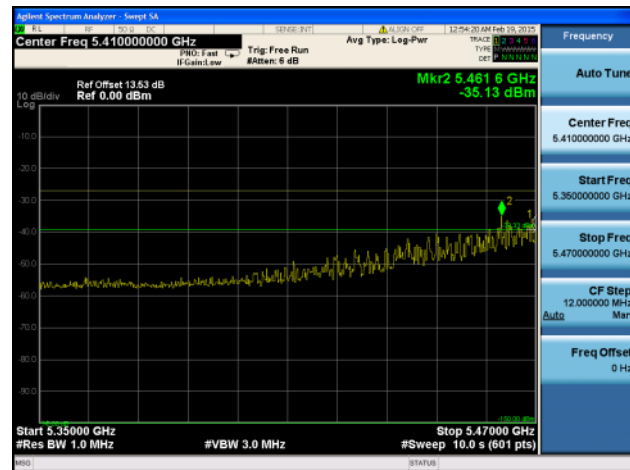
**Antenna A**



**Antenna B**



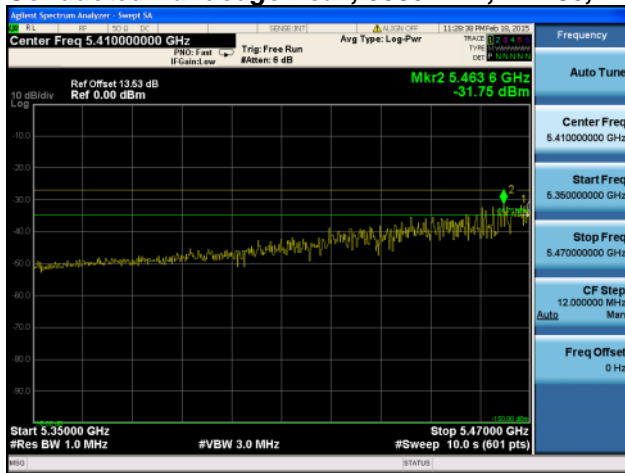
**Antenna C**



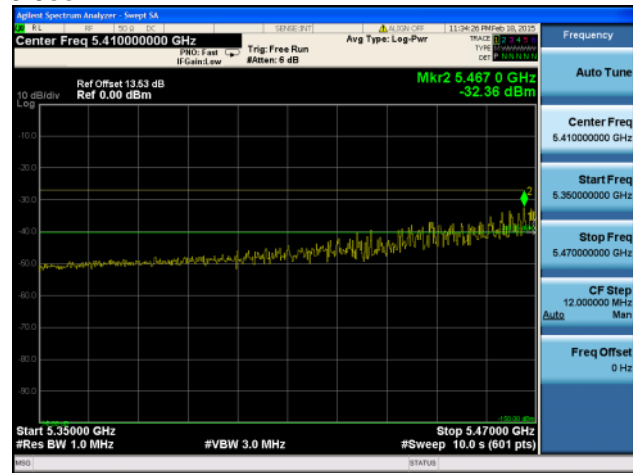
**Antenna D**



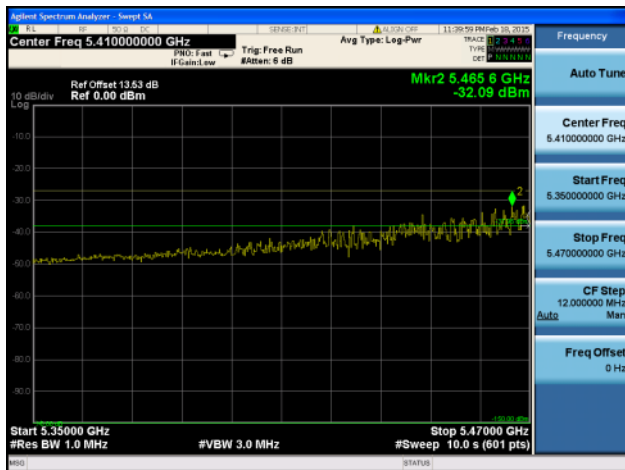
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 3ss**



**Antenna A**



**Antenna B**

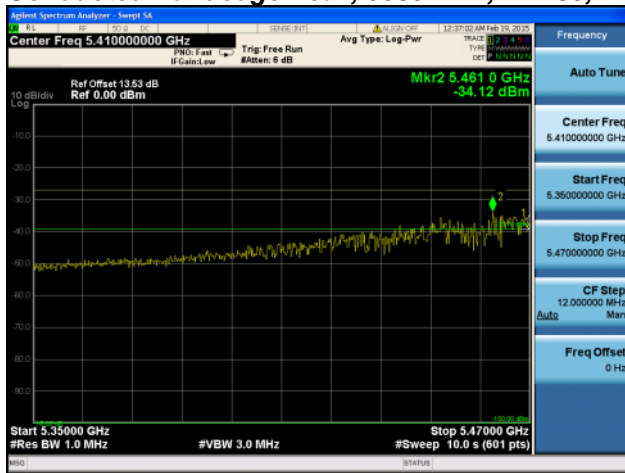


**Antenna C**

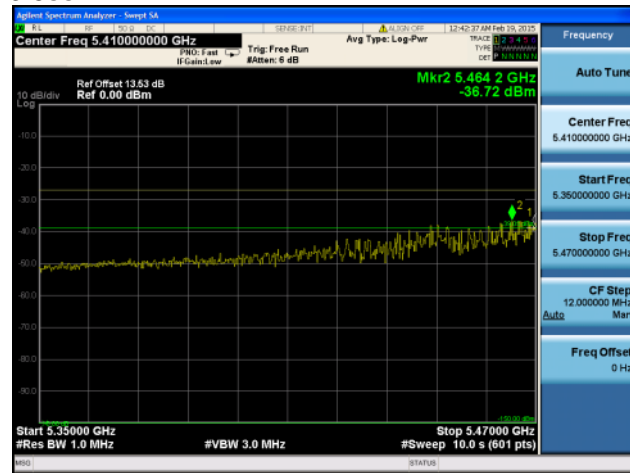




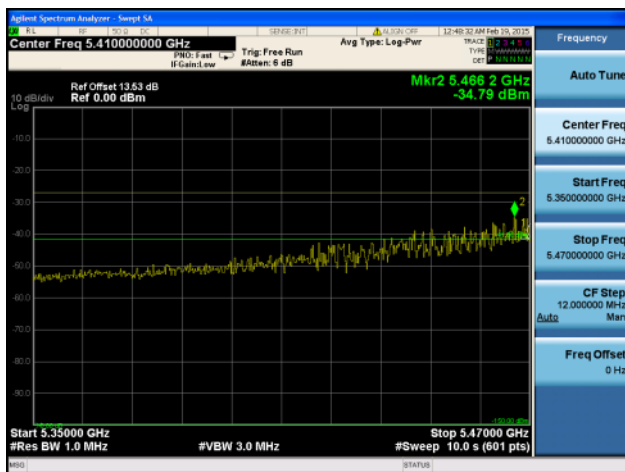
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 3ss**



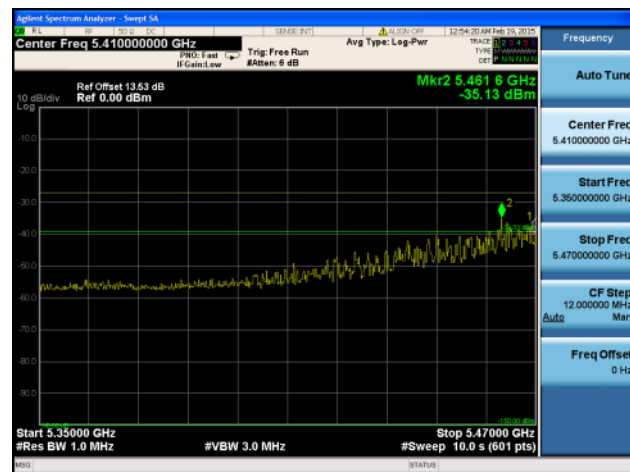
**Antenna A**



**Antenna B**



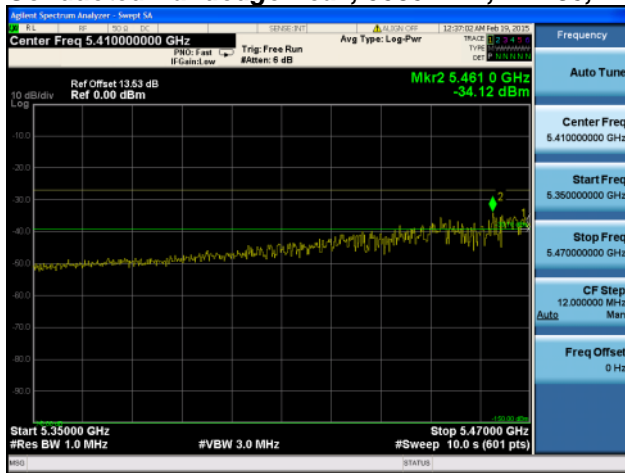
**Antenna C**



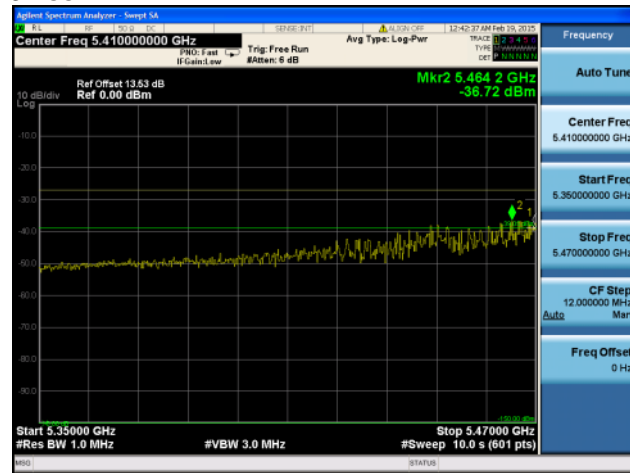
**Antenna D**



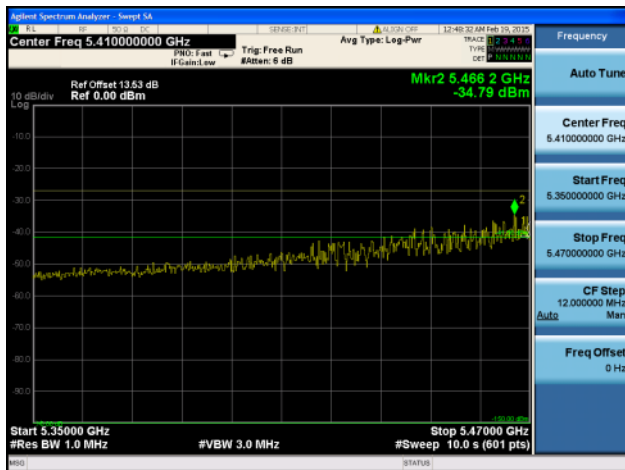
**Conducted Bandedge Peak, 5530 MHz, VHT80, M0 to M9 4ss**



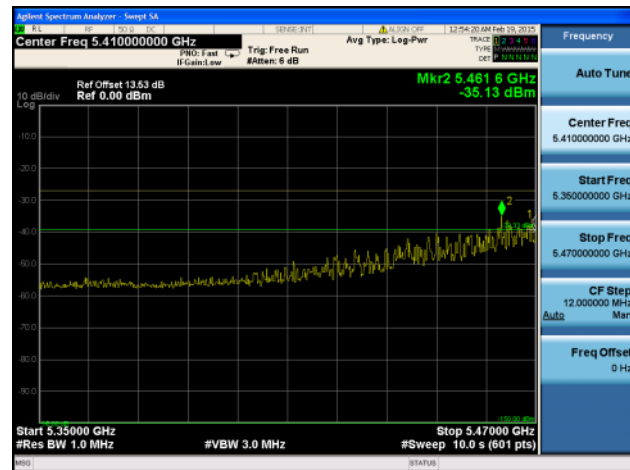
**Antenna A**



**Antenna B**



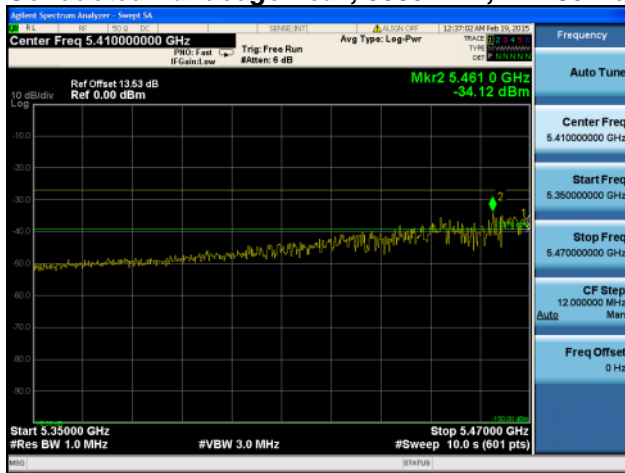
**Antenna C**



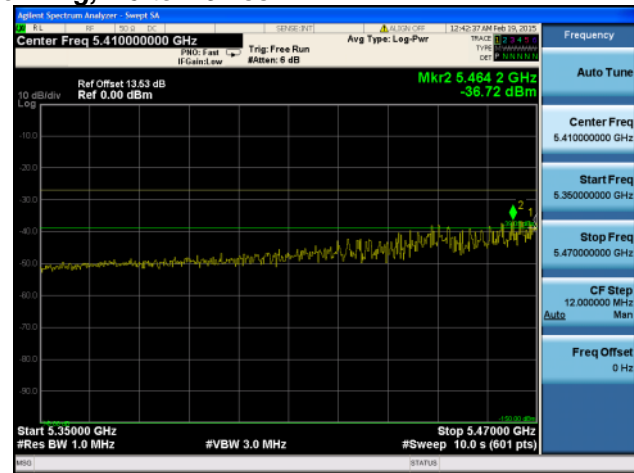
**Antenna D**



**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 1ss**



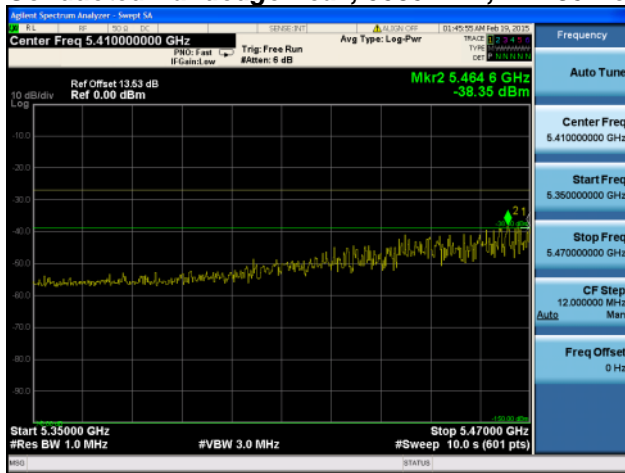
**Antenna A**



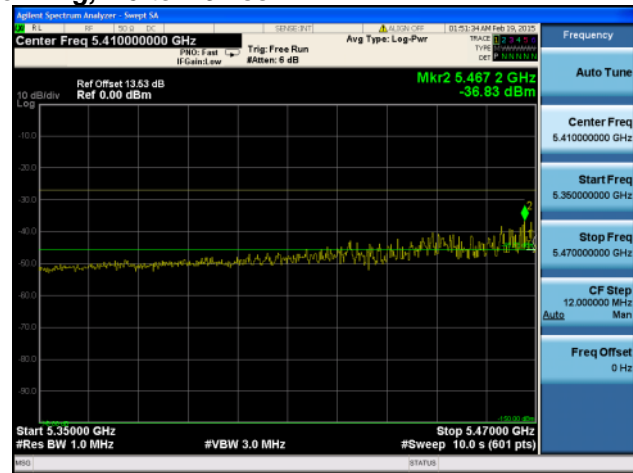
**Antenna B**



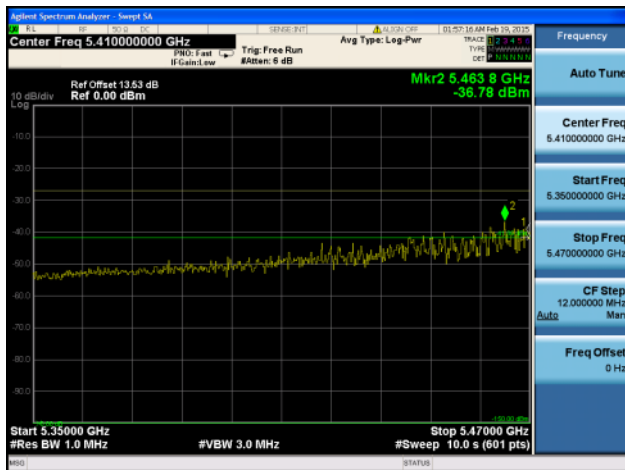
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 1ss**



**Antenna A**



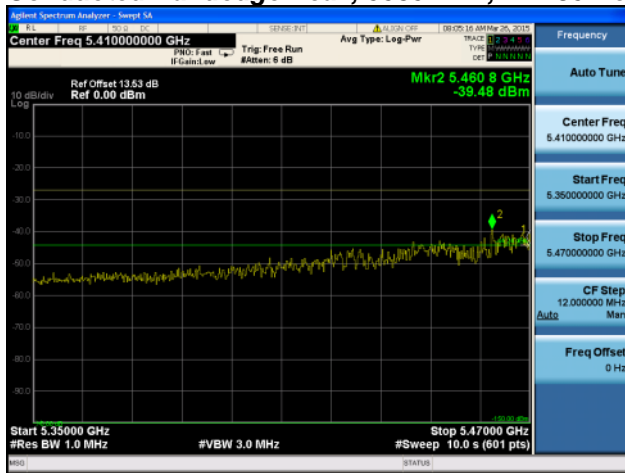
**Antenna B**



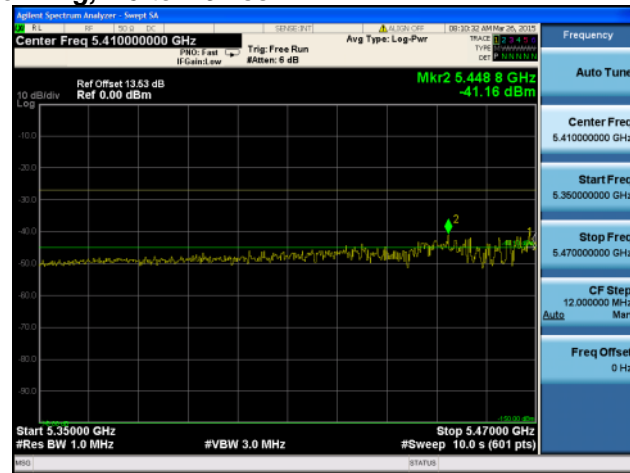
**Antenna C**



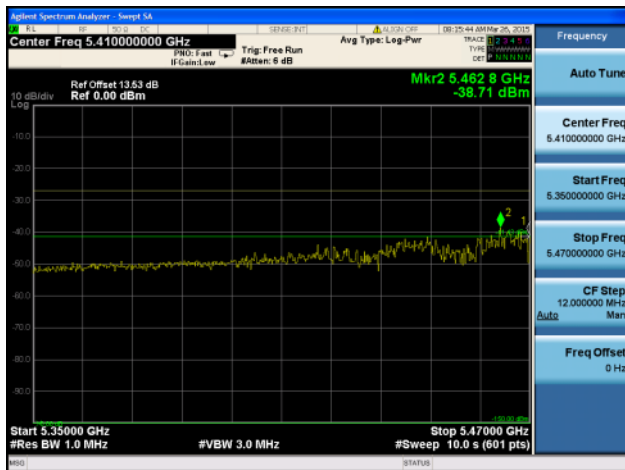
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 1ss**



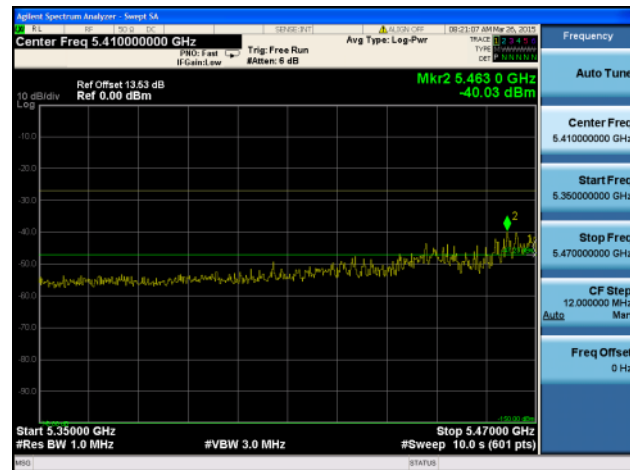
**Antenna A**



**Antenna B**



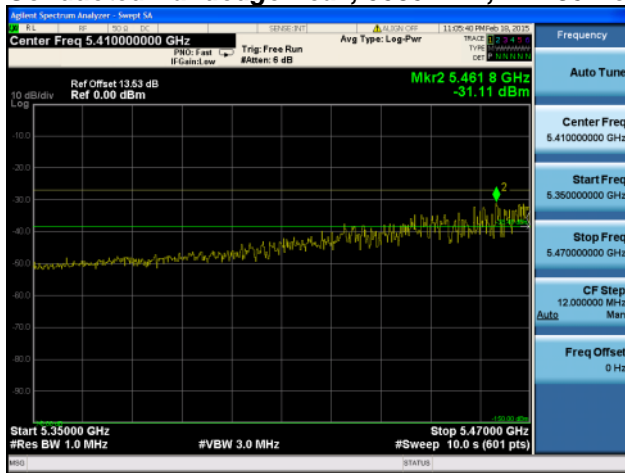
**Antenna C**



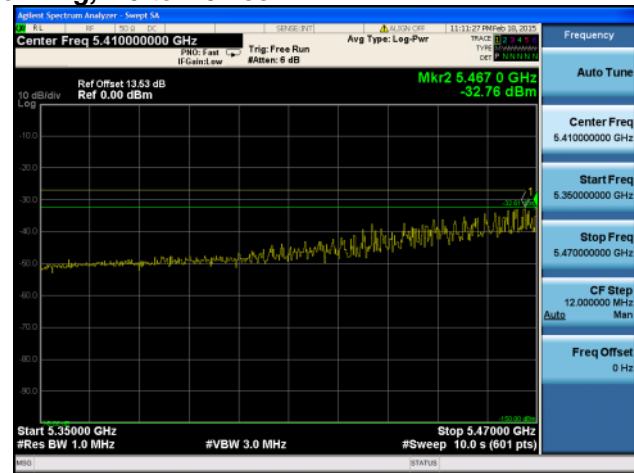
**Antenna D**



**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 2ss**



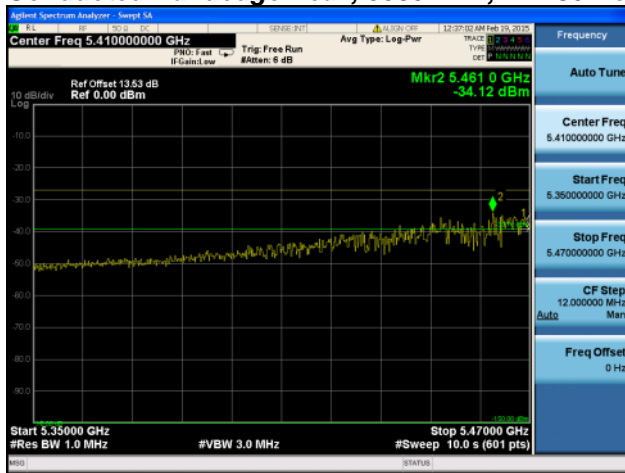
**Antenna A**



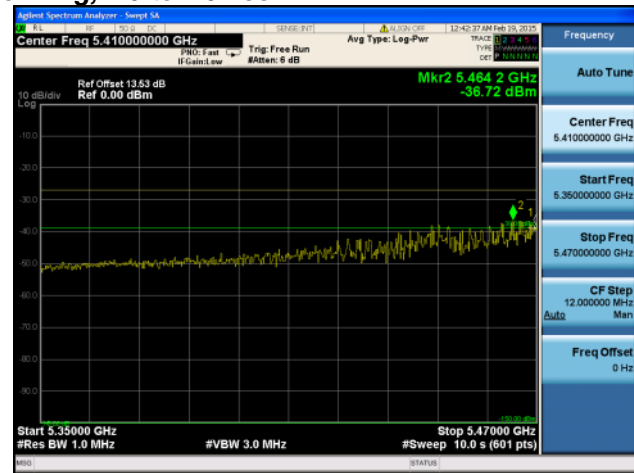
**Antenna B**



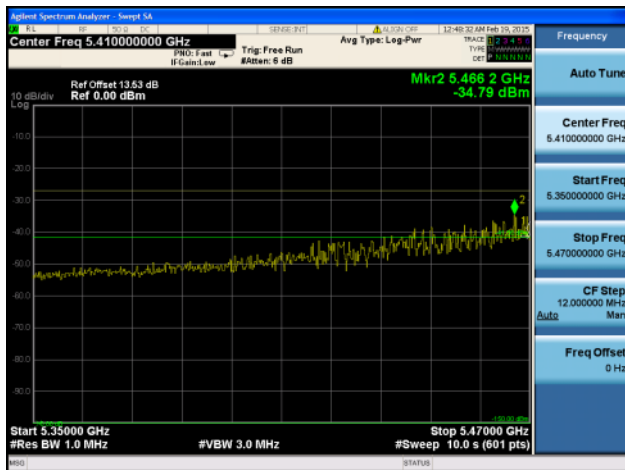
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 2ss**



**Antenna A**



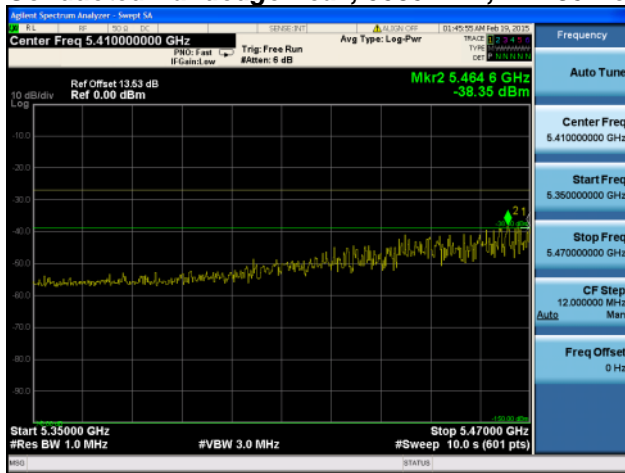
**Antenna B**



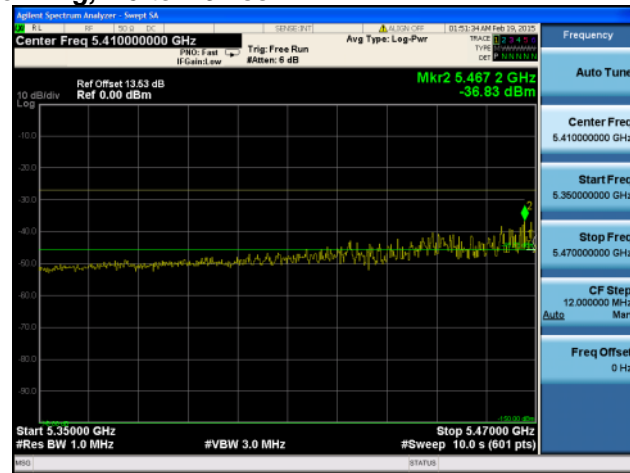
**Antenna C**



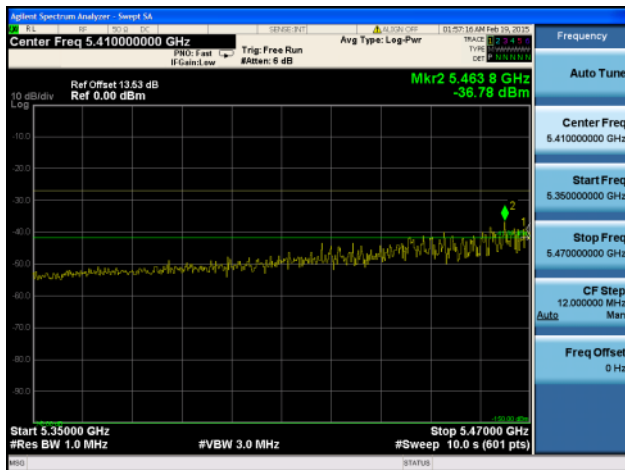
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 2ss**



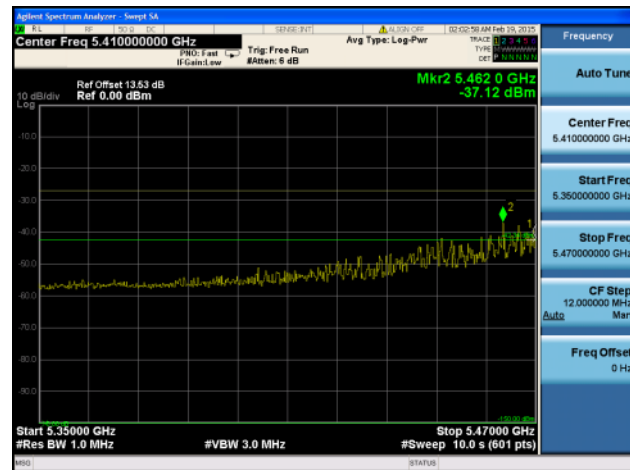
**Antenna A**



**Antenna B**



**Antenna C**

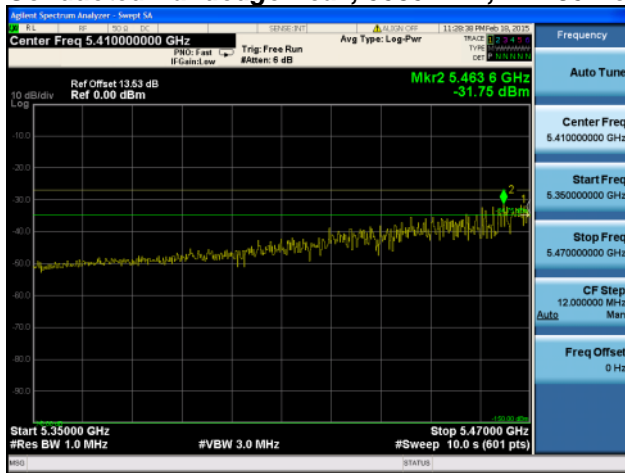


**Antenna D**

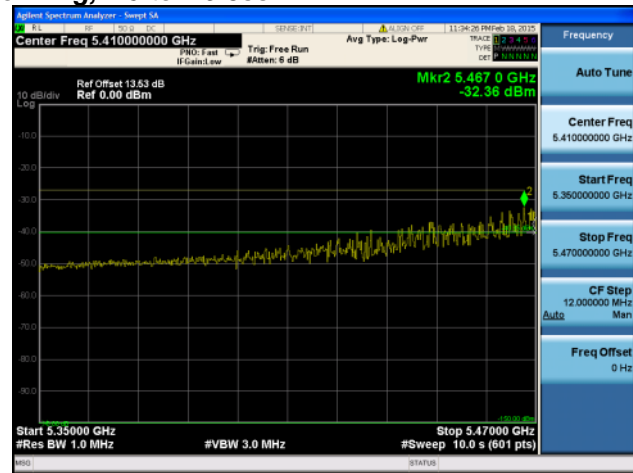




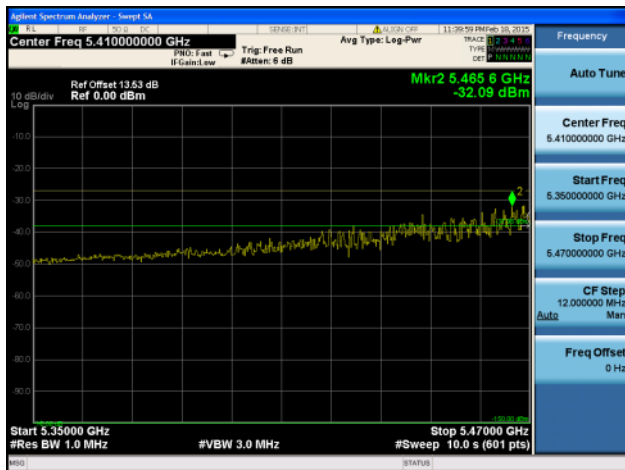
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 3ss**



**Antenna A**



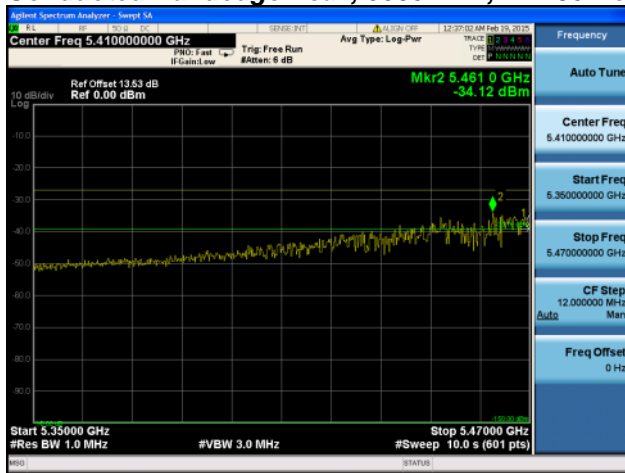
**Antenna B**



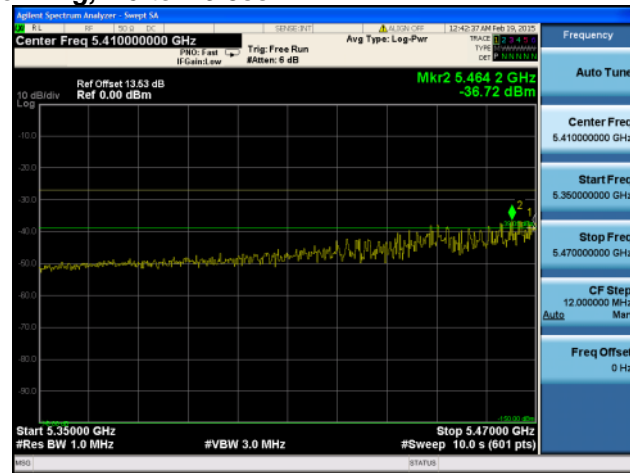
**Antenna C**



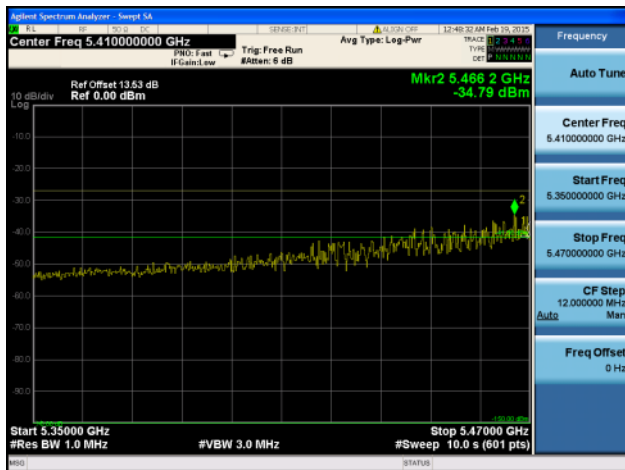
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 3ss**



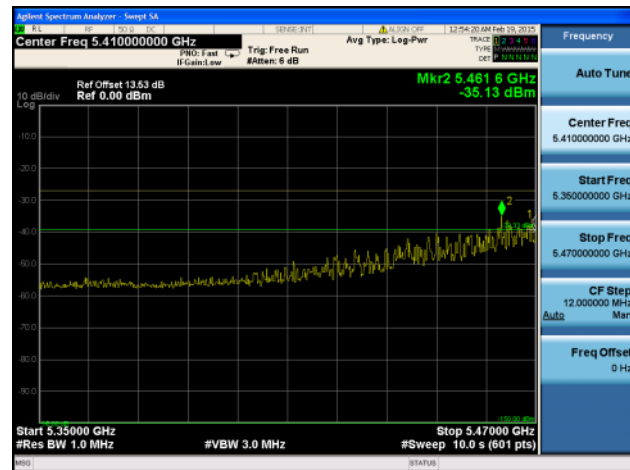
**Antenna A**



**Antenna B**



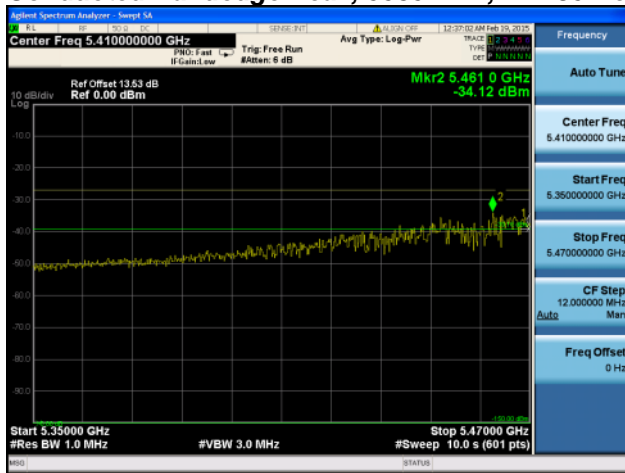
**Antenna C**



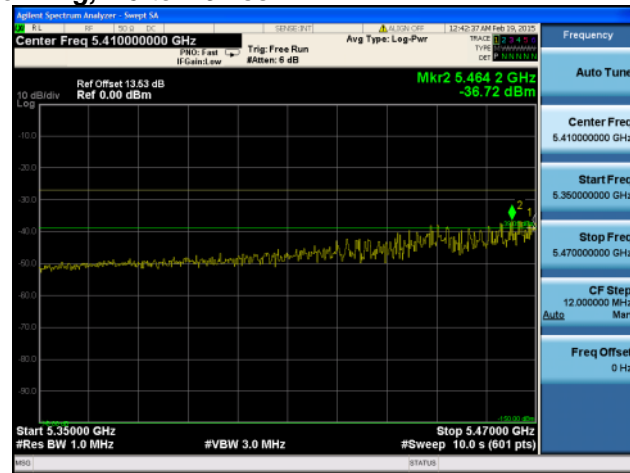
**Antenna D**



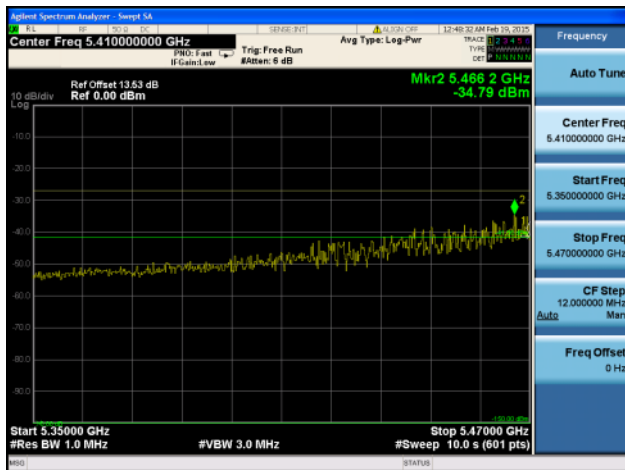
**Conducted Bandedge Peak, 5530 MHz, VHT80 Beam Forming, M0 to M9 4ss**



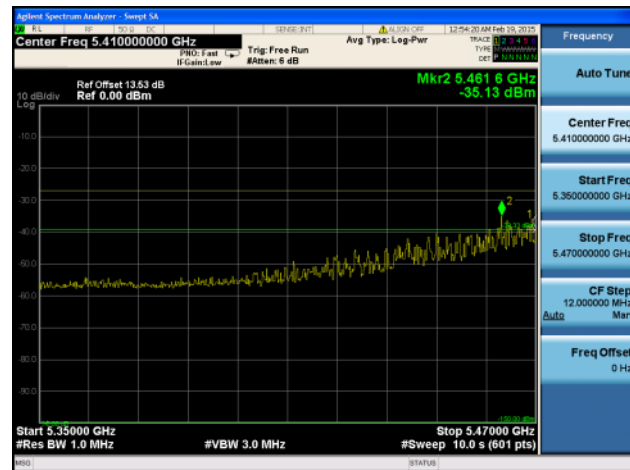
**Antenna A**



**Antenna B**



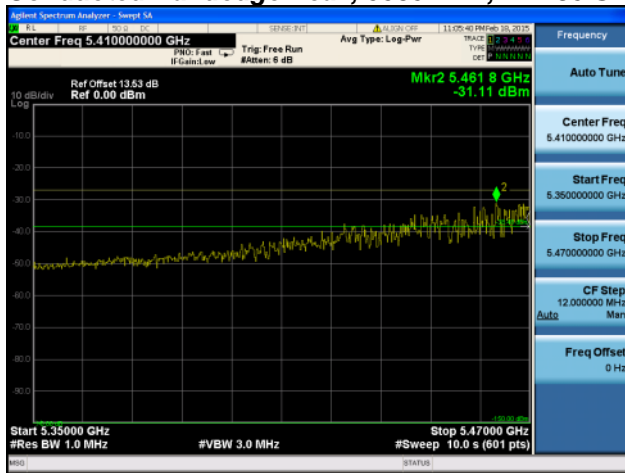
**Antenna C**



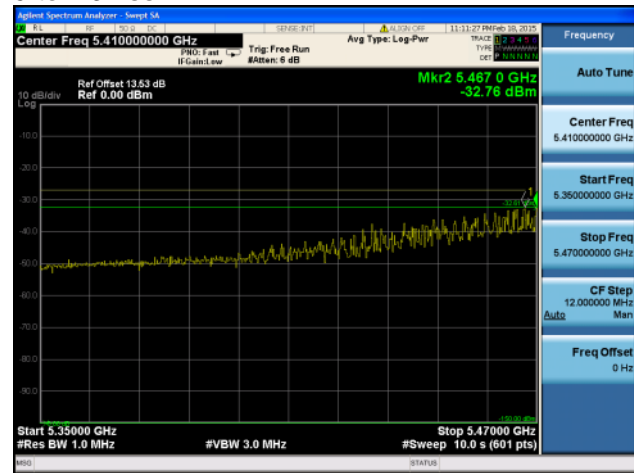
**Antenna D**



**Conducted Bandedge Peak, 5530 MHz, VHT80 STBC, M0 to M9 2ss**



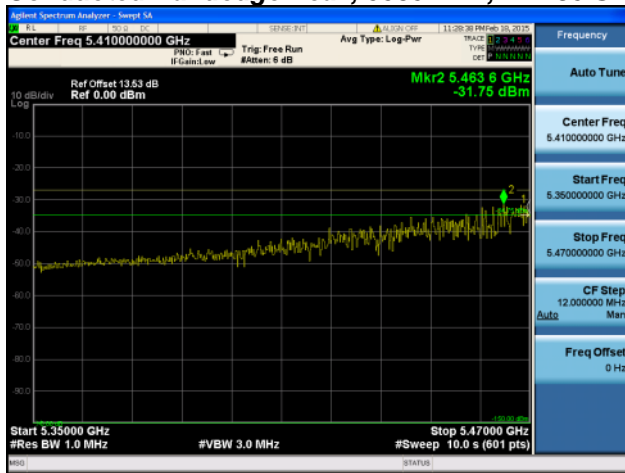
**Antenna A**



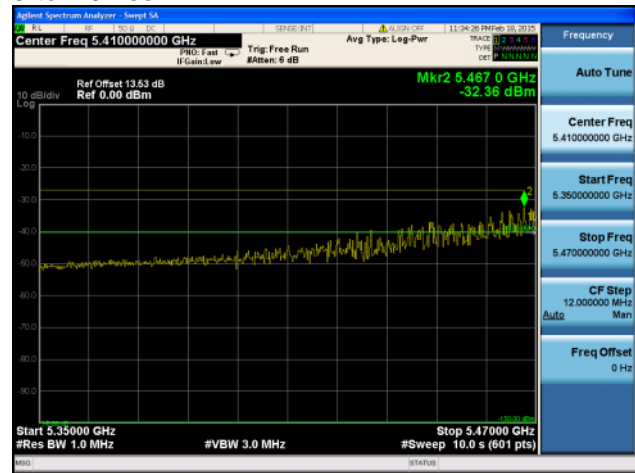
**Antenna B**



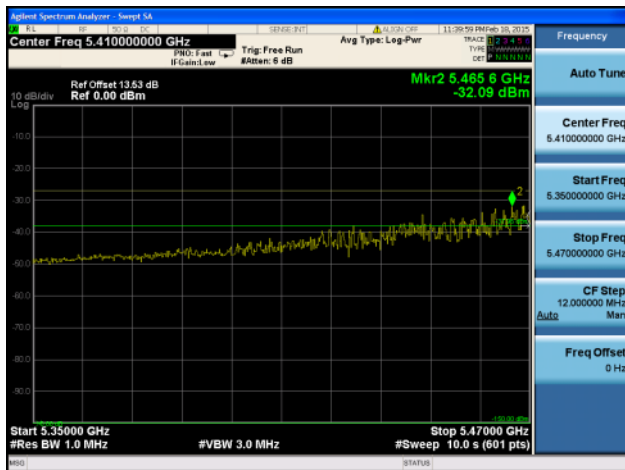
**Conducted Bandedge Peak, 5530 MHz, VHT80 STBC, M0 to M9 2ss**



**Antenna A**



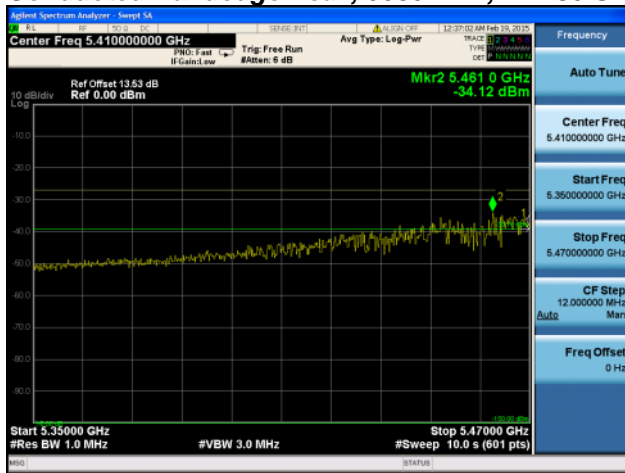
**Antenna B**



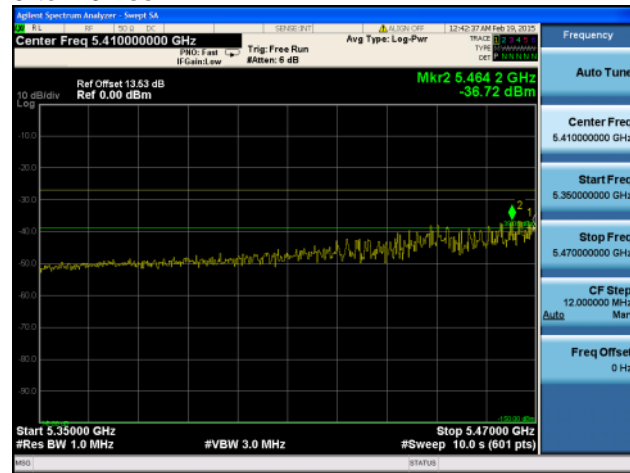
**Antenna C**



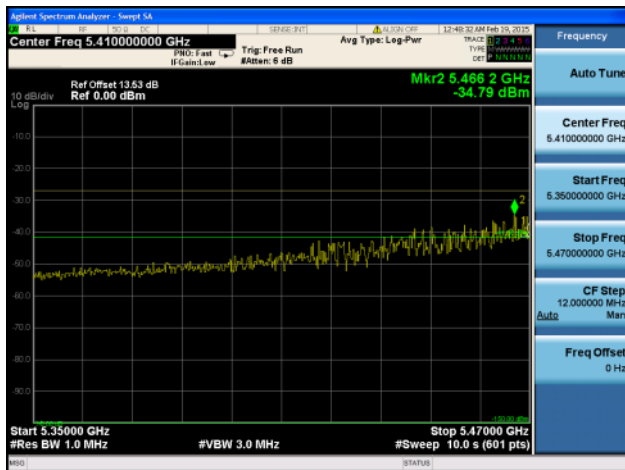
**Conducted Bandedge Peak, 5530 MHz, VHT80 STBC, M0 to M9 2ss**



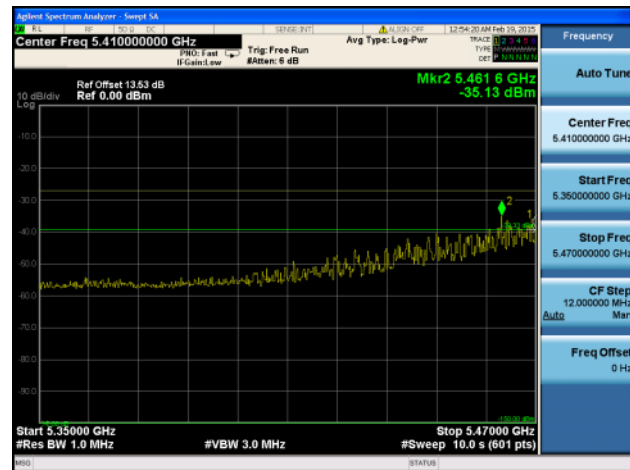
**Antenna A**



**Antenna B**



**Antenna C**



**Antenna D**



## 20dB Bandwidth

Connect the antenna port(s) to the spectrum analyzer input. Using the spectrum analyzer Channel Bandwidth mode, configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency:	Frequency from table below
Span:	2 x Nominal Bandwidth (e.g. 40MHz for a 20MHz channel)
Reference Level:	20 dBm
Attenuation:	10 dB
Sweep Time:	5 s
Resolution Bandwidth:	1%-3% of 20 dB Bandwidth
Video Bandwidth:	≥Resolution Bandwidth
X dB Bandwidth:	20 dB
Detector:	Peak
Trace:	Single

Place the radio in continuous transmit mode. View the transmitter waveform on the spectrum analyzer, and record the pertinent measurements:



Frequency (MHz)	Mode	Data Rate (Mbps)	20dB BW (MHz)	Limit (kHz)	Margin (MHz)
5530	Non HT80 Duplicate, 6 to 54 Mbps	6	5568	5600	32.0
	VHT80, M0 to M9, M0 to M9 1-1ss	m0x1	5568	5600	32.0
5550	Non HT40 Duplicate, 6 to 54 Mbps	6	5568	5600	32.0
	HT/VHT40, M0 to M23, M0 to M9 1-4ss	m0	5569	5600	31.0
5580	6 to 54 Mbps	6	5589	5600	11.0
	HT/VHT20, M0 to M23, M0 to M9 1-4ss	m0	5589	5600	11.0
5660	6 to 54 Mbps	6	5651	5650	1.0
	HT/VHT20, M0 to M23, M0 to M9 1-4ss	m0	5651	5650	1.0
5670	Non HT40 Duplicate, 6 to 54 Mbps	6	5652	5650	2.0
	HT/VHT40, M0 to M23, M0 to M9 1-4ss	m0	5651	5650	1.0