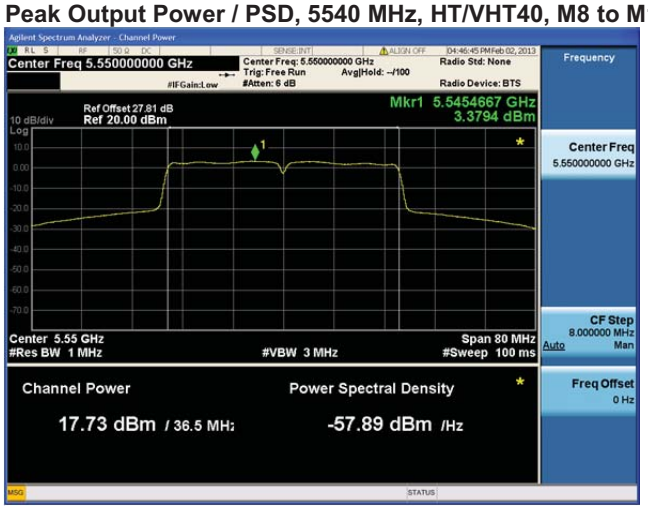
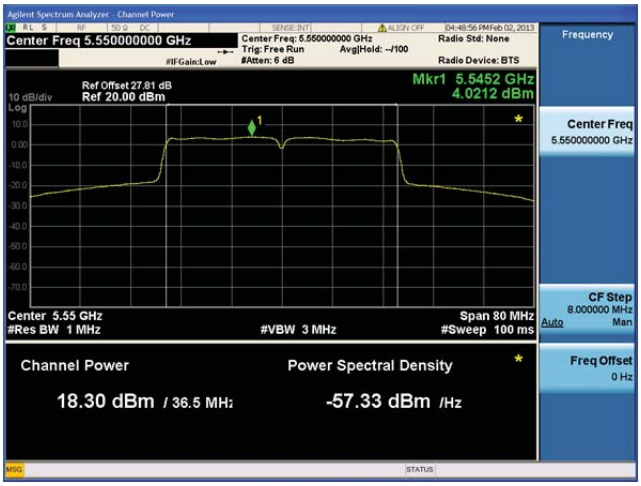
Peak Output Power / PSD, 5540 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

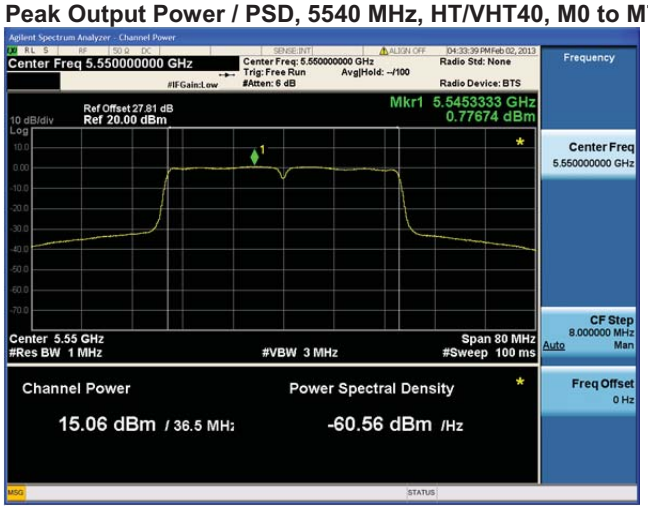


Antenna A

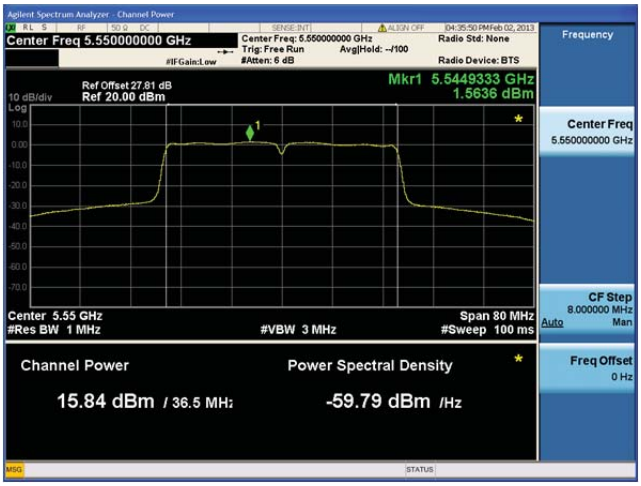


Antenna B

Peak Output Power / PSD, 5540 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



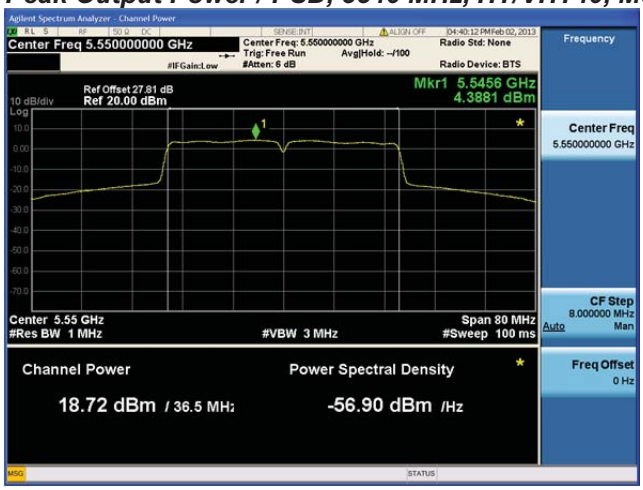
Antenna A



Antenna B

Antenna C

Peak Output Power / PSD, 5540 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

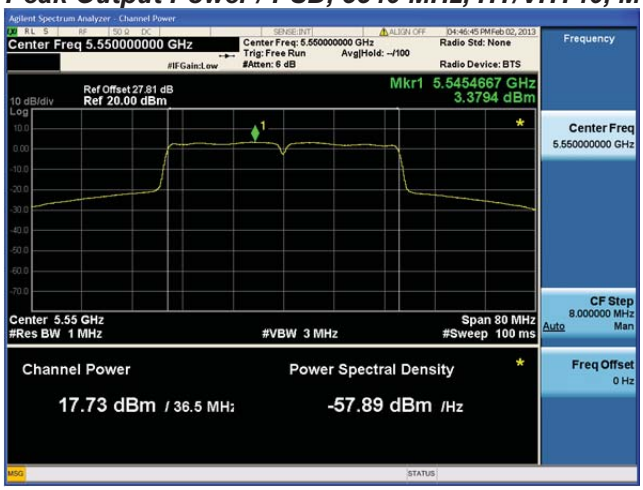


Antenna A

Antenna B

Antenna C

Peak Output Power / PSD, 5540 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3

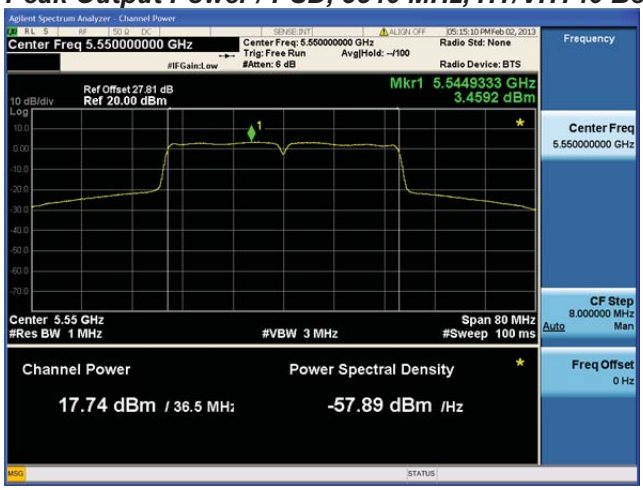


Antenna A

Antenna B

Antenna C

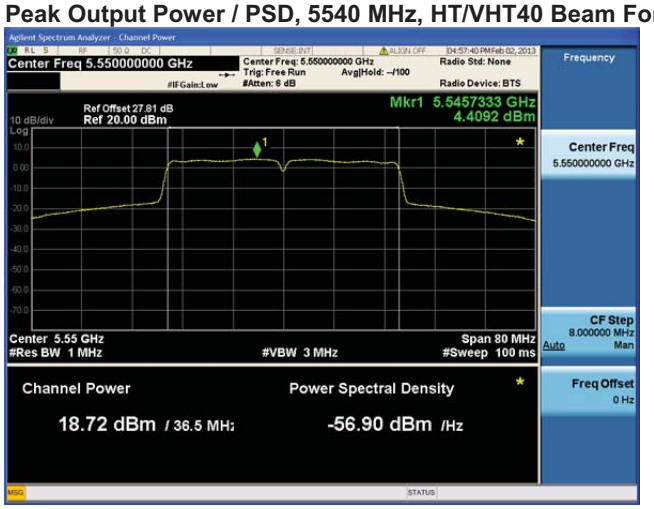
Peak Output Power / PSD, 5540 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



Antenna A

Antenna B

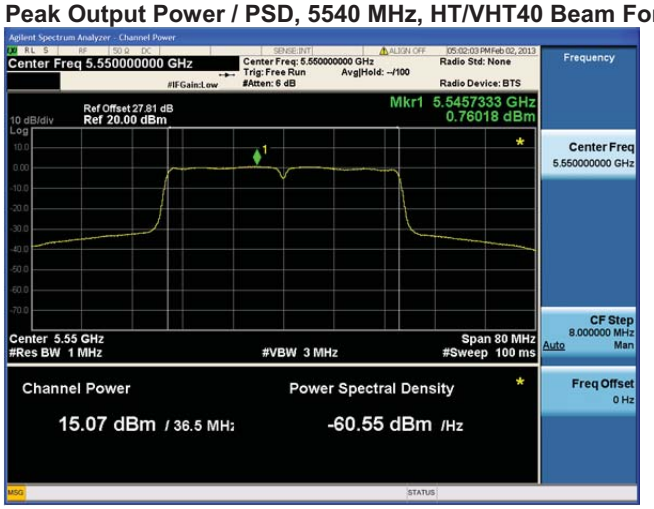
Peak Output Power / PSD, 5540 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



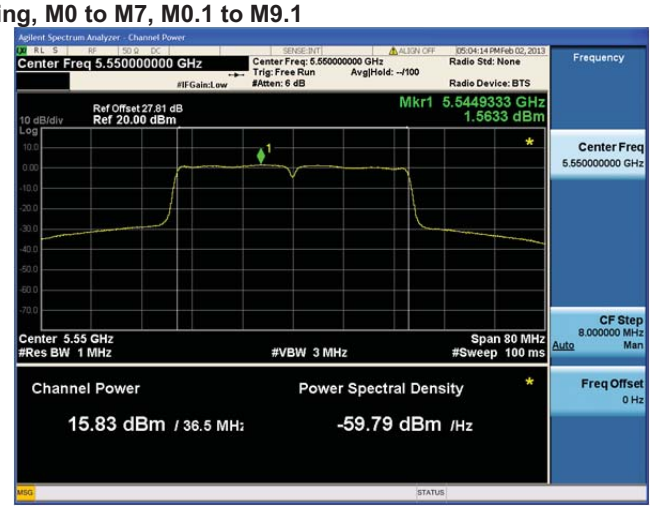
Antenna A

Antenna B

Peak Output Power / PSD, 5540 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



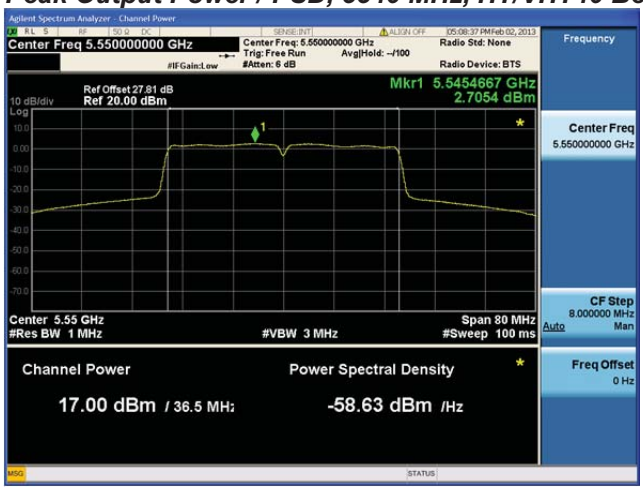
Antenna A



Antenna B

Antenna C

Peak Output Power / PSD, 5540 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

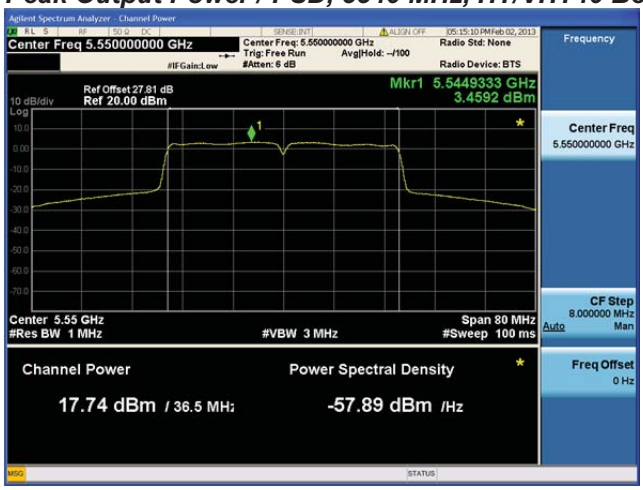


Antenna A

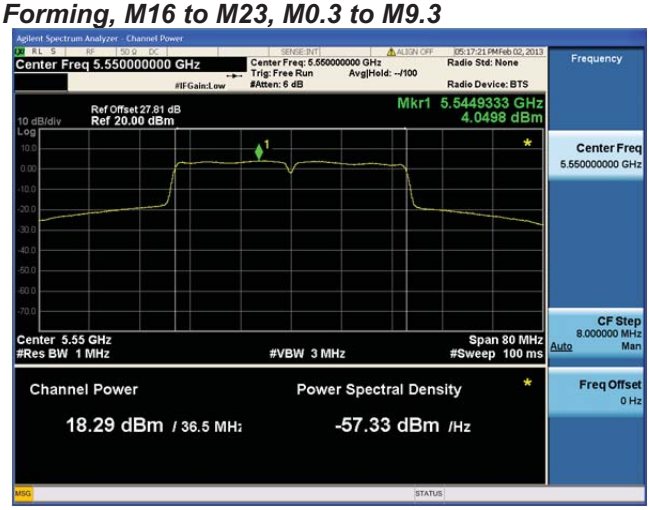
Antenna B

Antenna C

Peak Output Power / PSD, 5540 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3



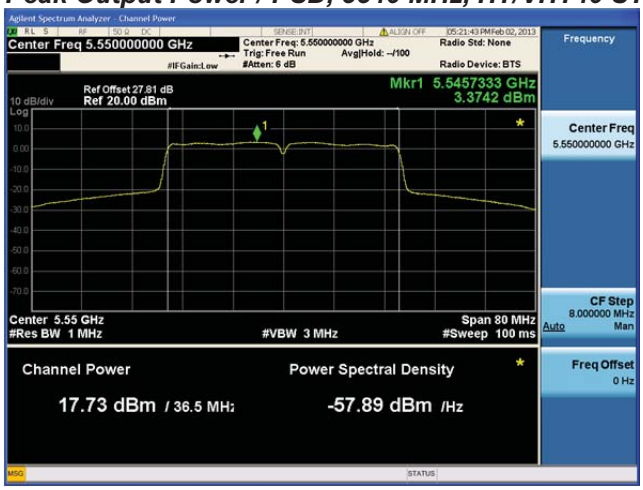
Antenna A



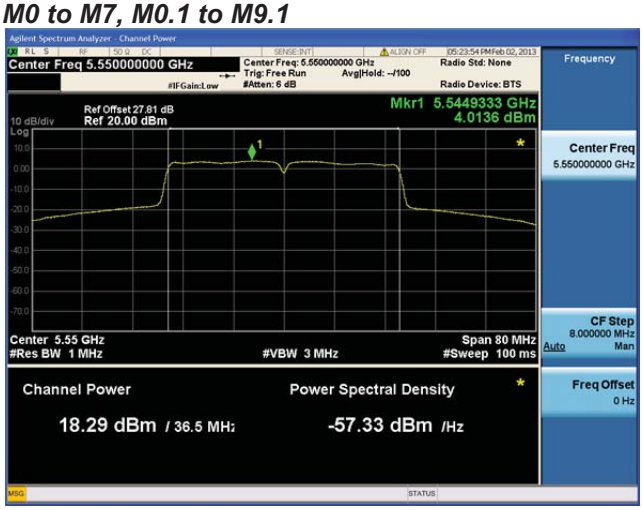
Antenna B

Antenna C

Peak Output Power / PSD, 5540 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



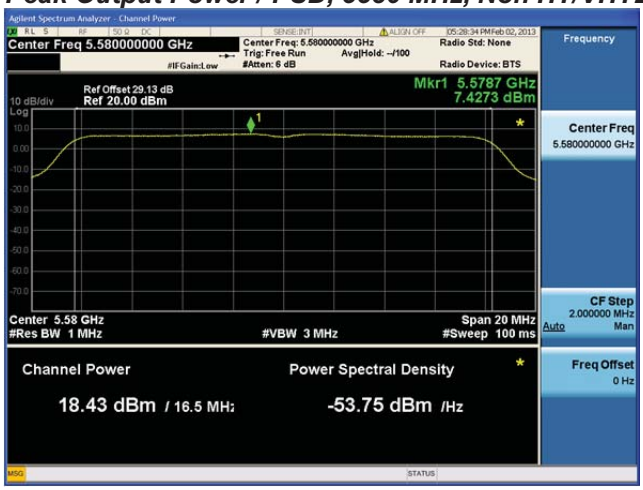
Antenna A



Antenna B

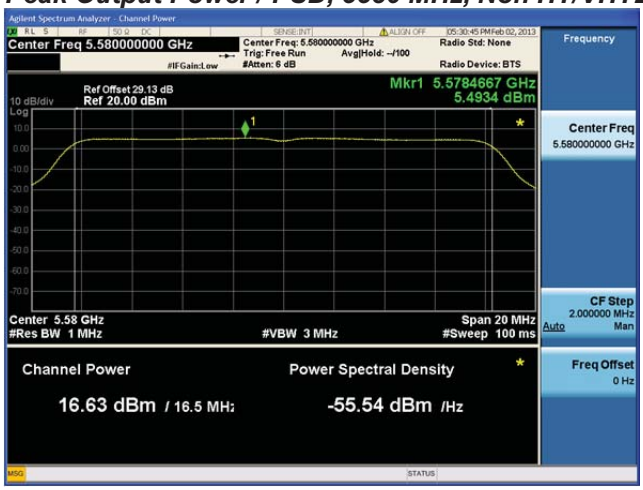
Antenna C

Peak Output Power / PSD, 5580 MHz, Non HT/VHT20, 6 to 54 Mbps

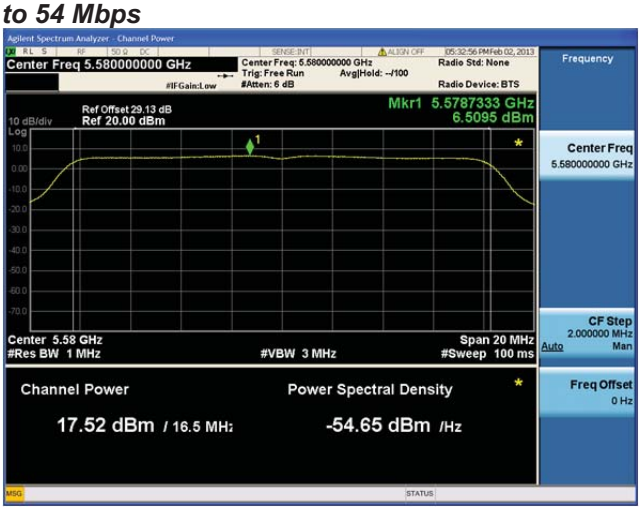


Antenna A

Peak Output Power / PSD, 5580 MHz, Non HT/VHT20, 6 to 54 Mbps

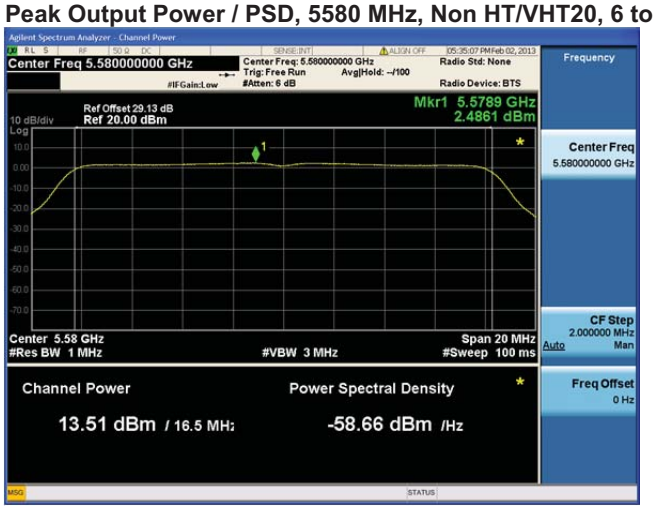


Antenna A



Antenna B

Peak Output Power / PSD, 5580 MHz, Non HT/VHT20, 6 to 54 Mbps

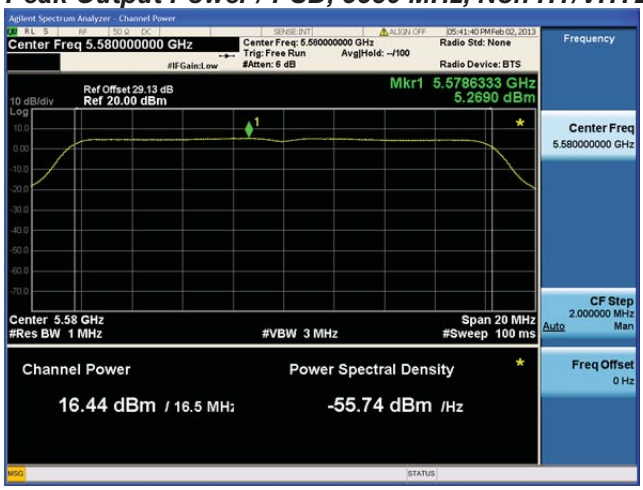


Antenna A

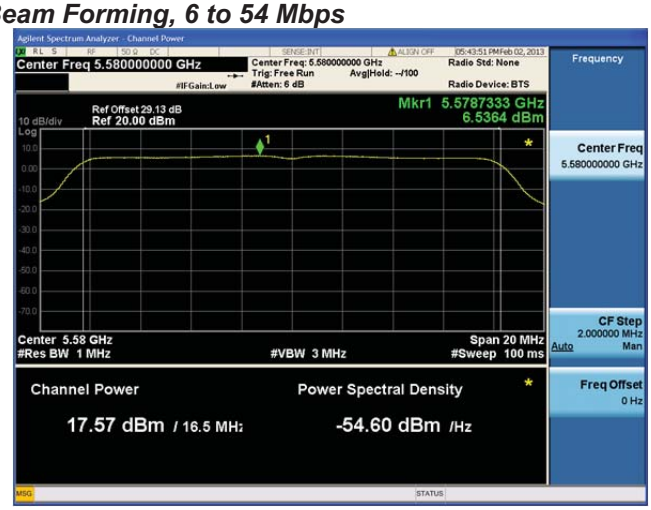
Antenna B

Antenna C

Peak Output Power / PSD, 5580 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps

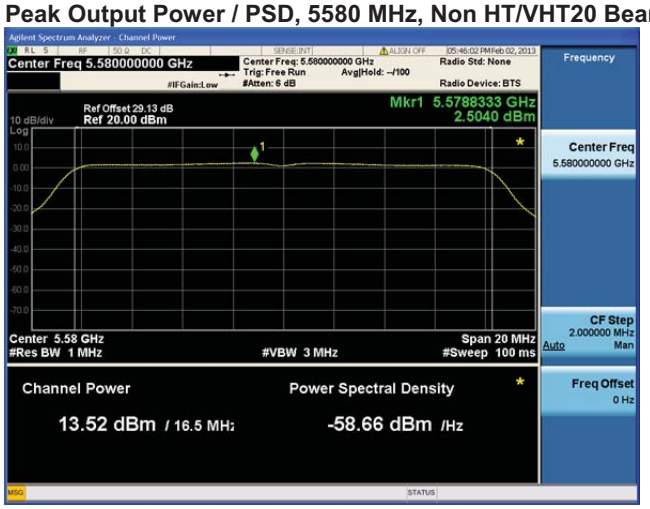


Antenna A

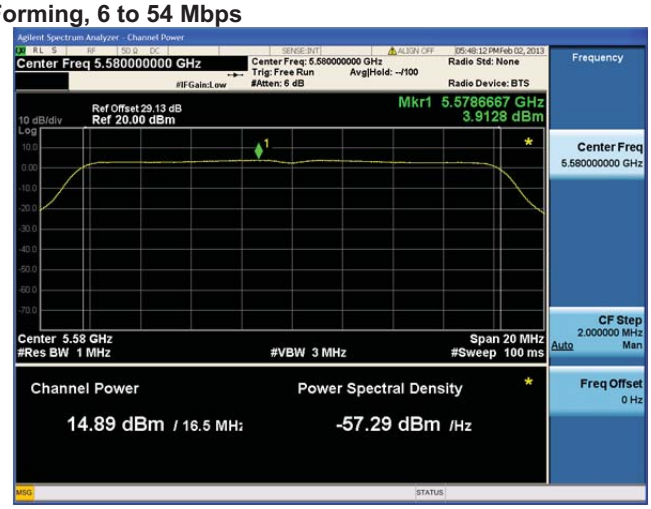


Antenna B

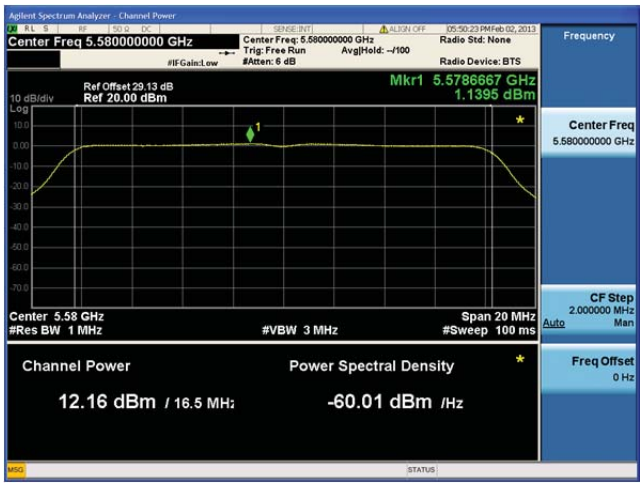
Peak Output Power / PSD, 5580 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Antenna A



Antenna B



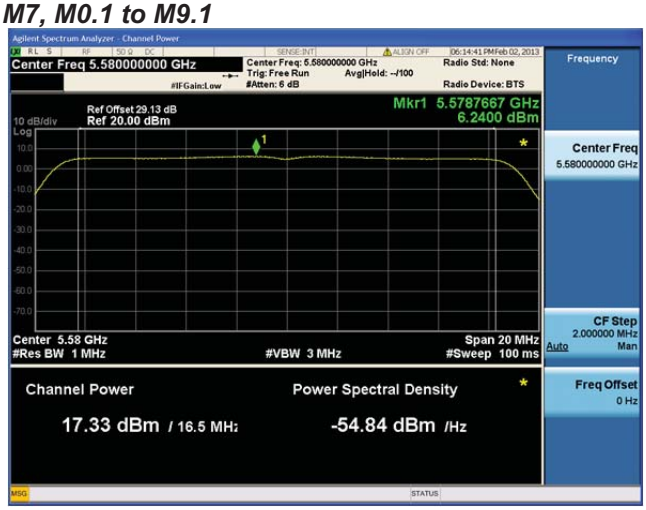
Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

Antenna A

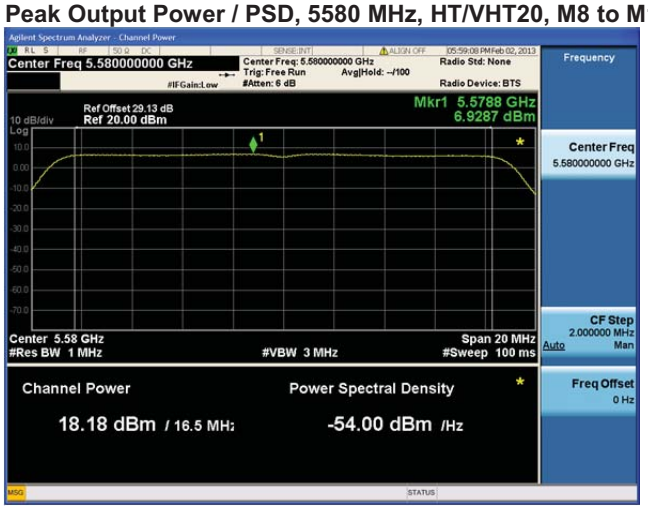
Peak Output Power / PSD, 5580 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

Antenna A



Antenna B

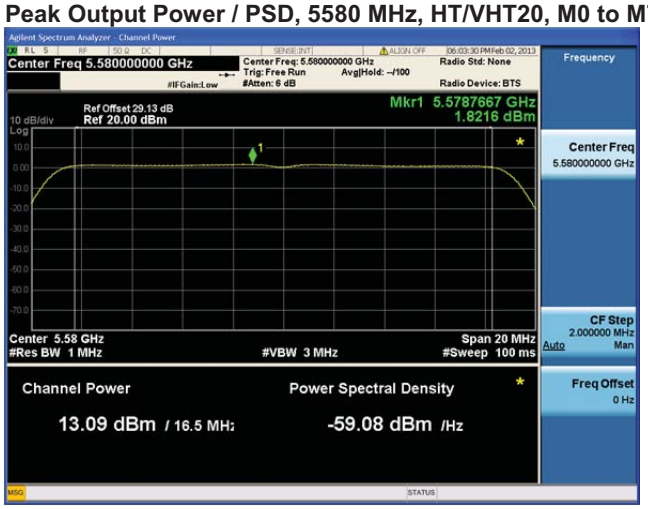
Peak Output Power / PSD, 5580 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Antenna A

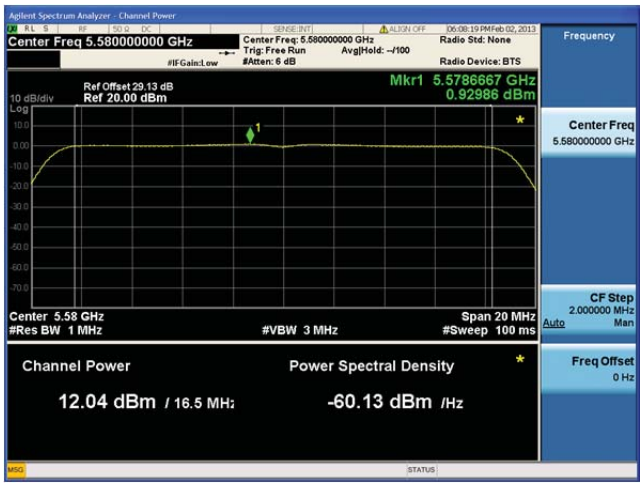
Antenna B

Peak Output Power / PSD, 5580 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Antenna A

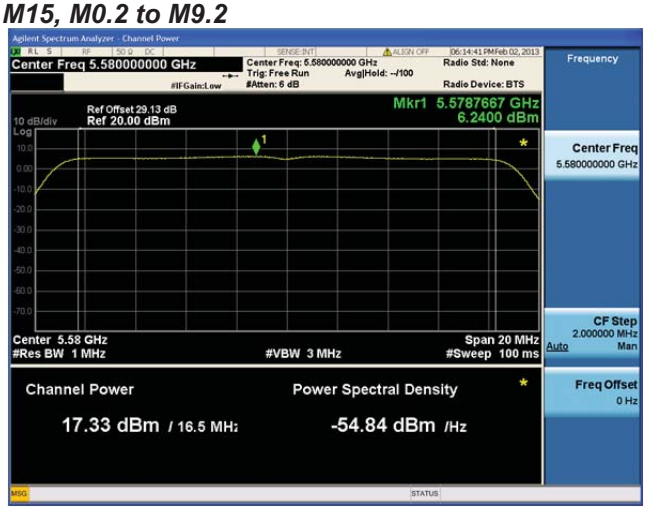
Antenna B



Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2

Antenna A

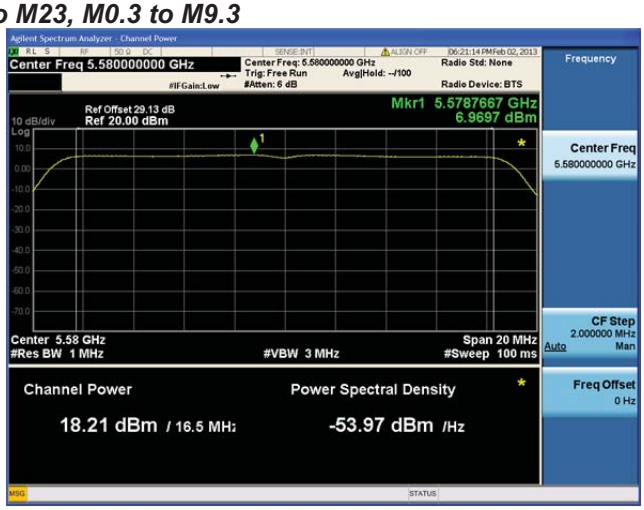


Antenna B

Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3

Antenna A



Antenna B

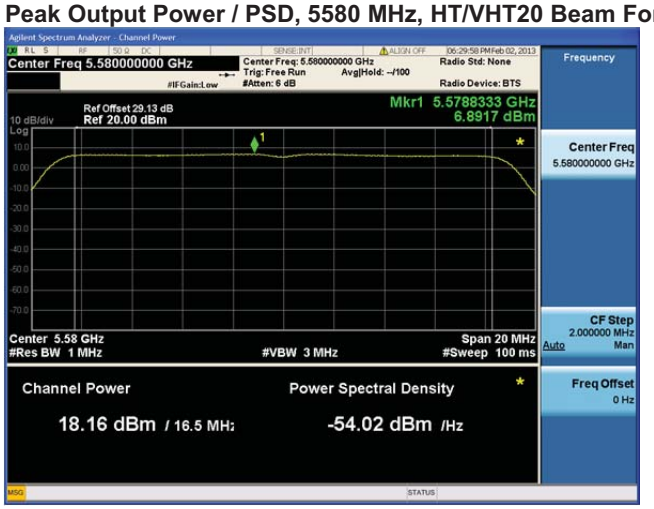
Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1

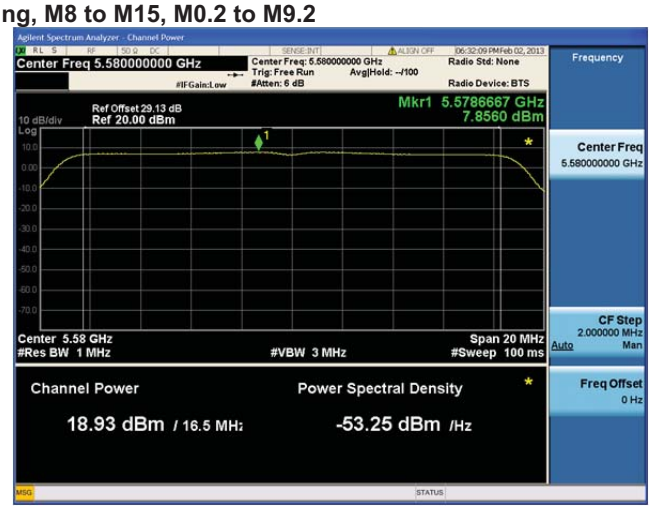
Antenna A

Antenna B

Peak Output Power / PSD, 5580 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

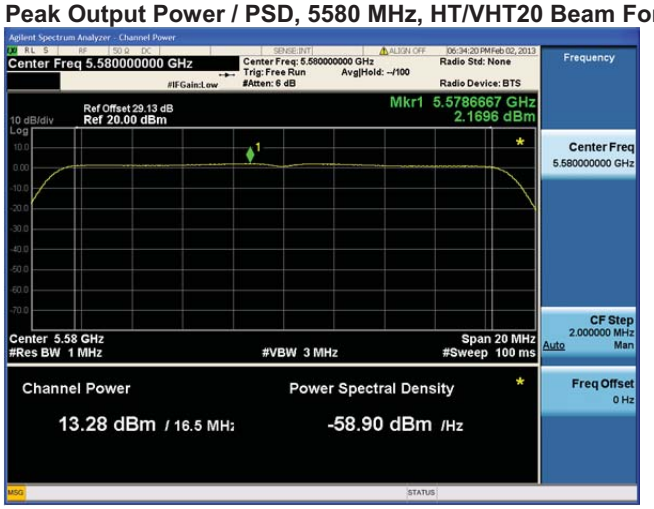


Antenna A

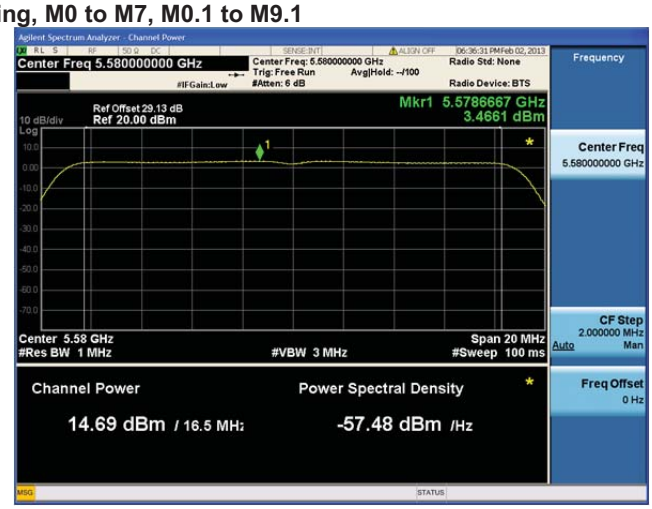


Antenna B

Peak Output Power / PSD, 5580 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



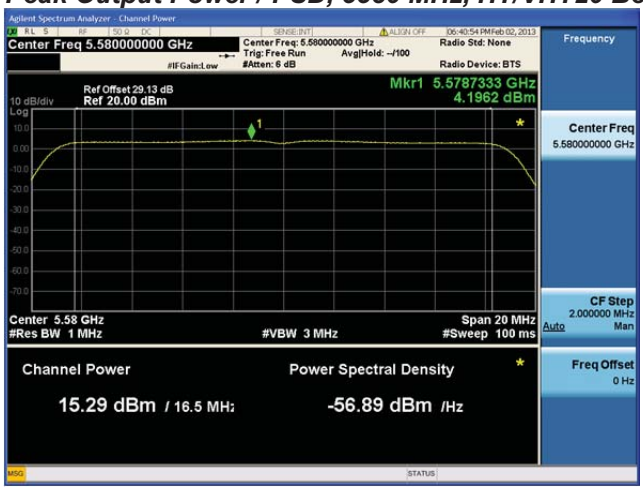
Antenna A



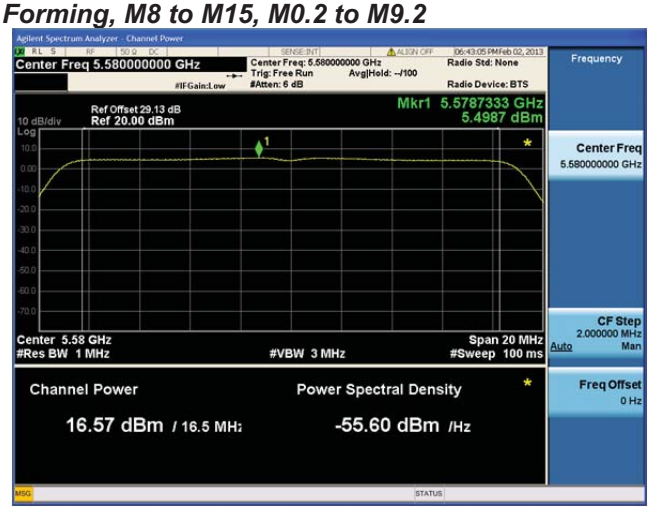
Antenna B

Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



Antenna A

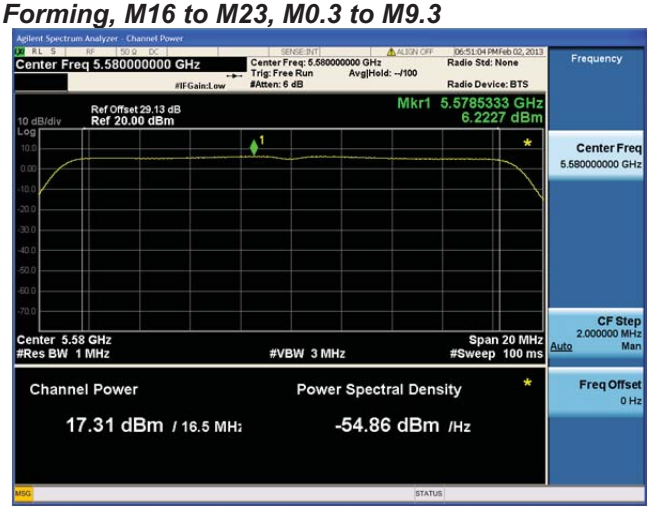


Antenna B

Antenna C

Peak Output Power / PSD, 5580 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3

Antenna A

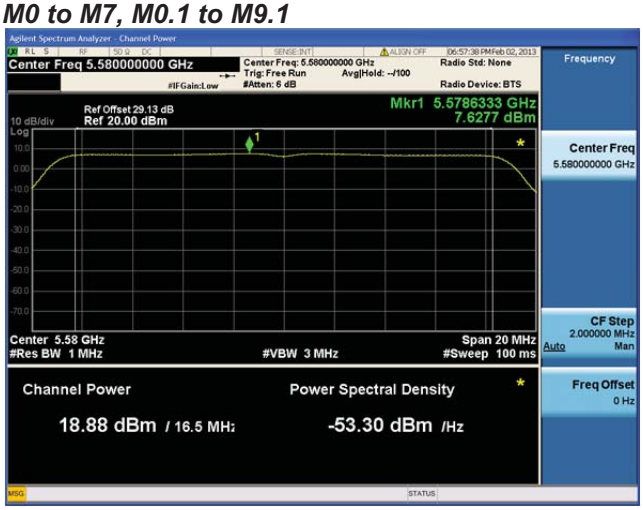


Antenna B

Antenna C

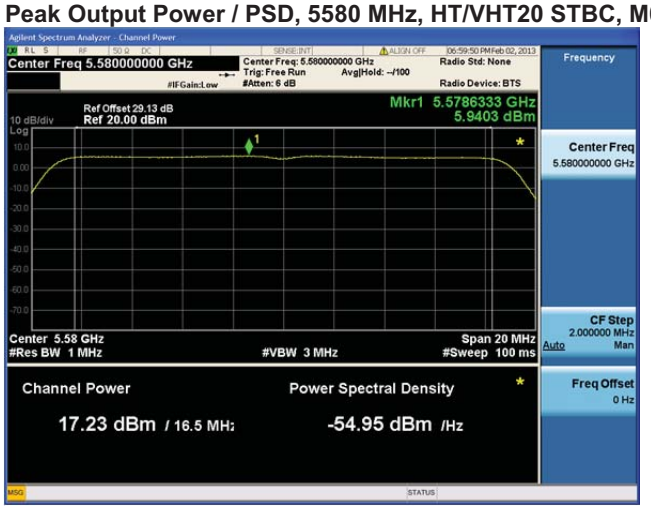
Peak Output Power / PSD, 5580 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1

Antenna A

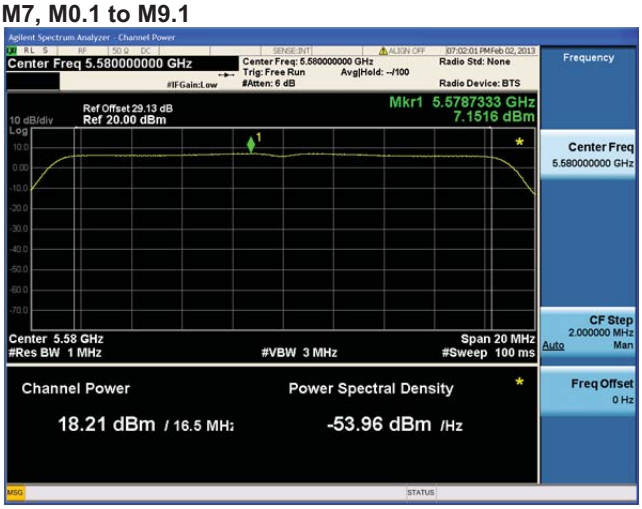


Antenna B

Peak Output Power / PSD, 5580 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



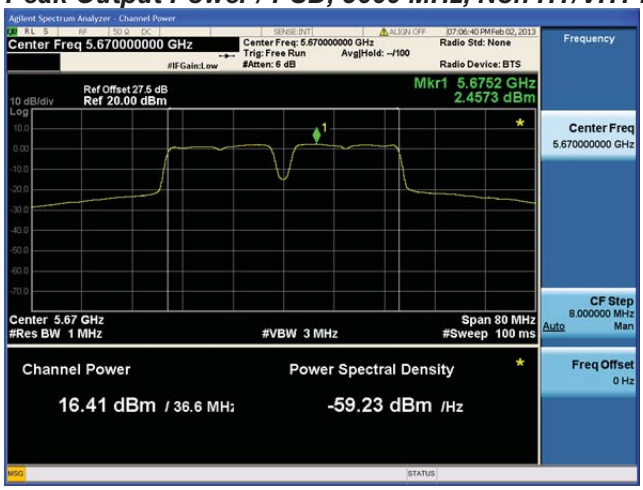
Antenna A



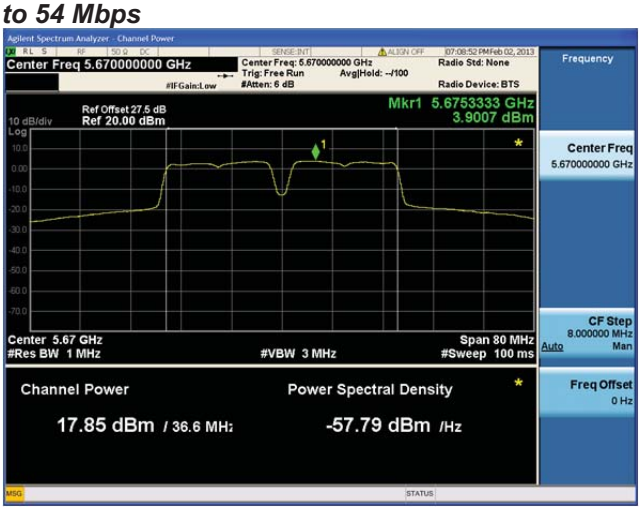
Antenna B

Antenna C

Peak Output Power / PSD, 5660 MHz, Non HT/VHT40, 6 to 54 Mbps

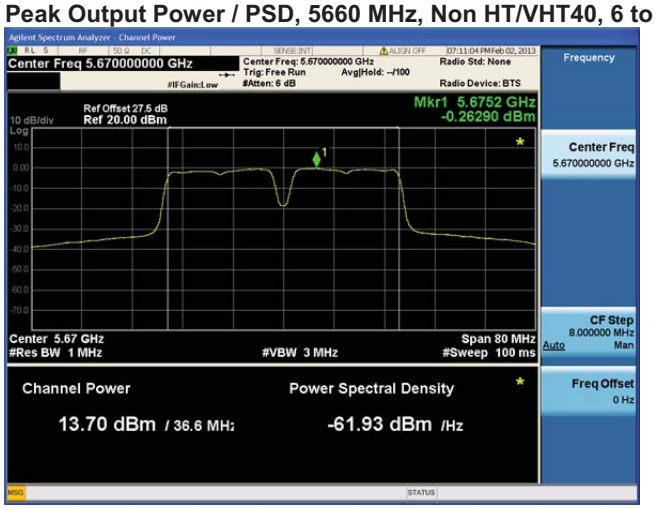


Antenna A



Antenna B

Peak Output Power / PSD, 5660 MHz, Non HT/VHT40, 6 to 54 Mbps

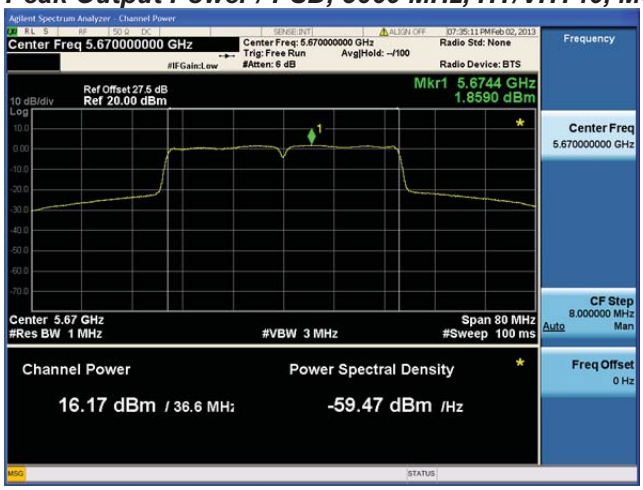


Antenna A

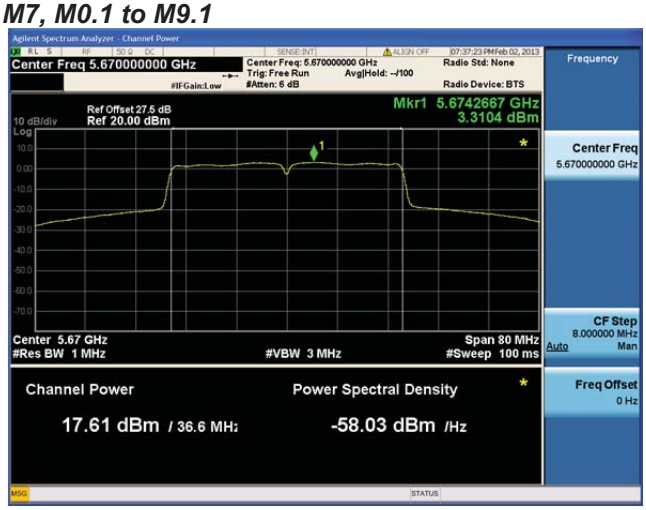
Antenna B

Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1

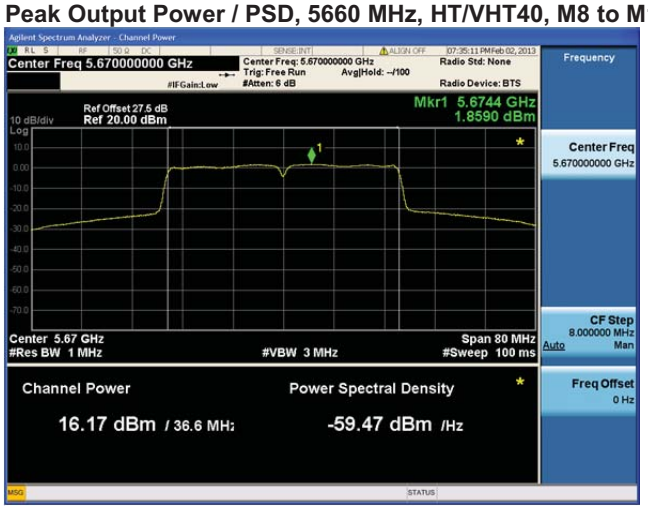


Antenna A

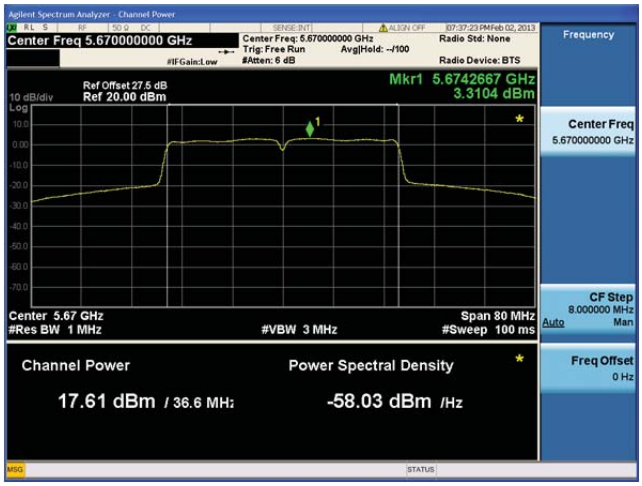


Antenna B

Peak Output Power / PSD, 5660 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



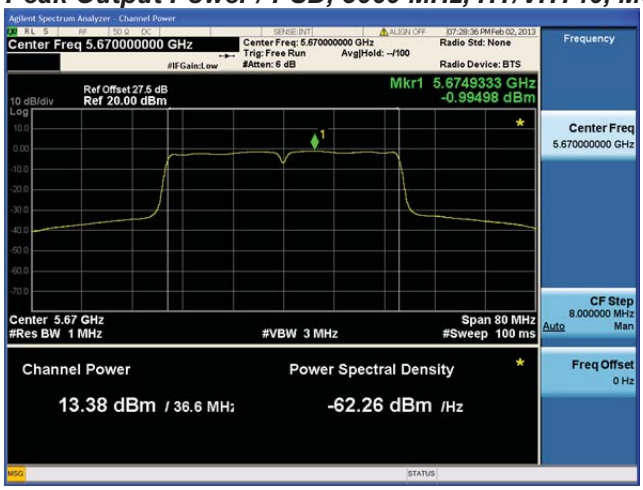
Antenna A



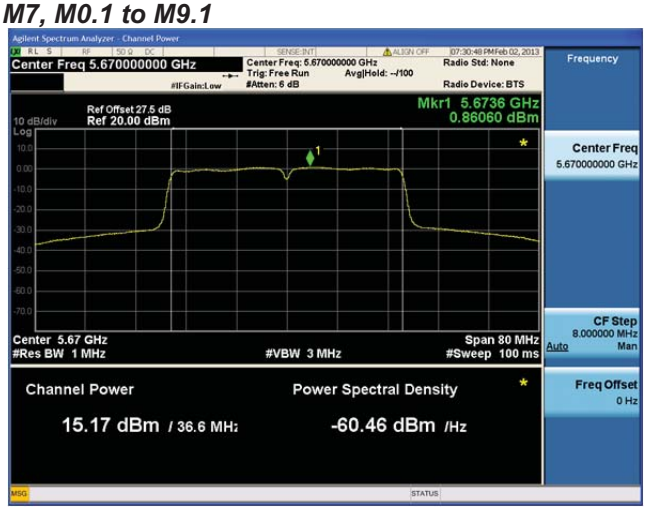
Antenna B

Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



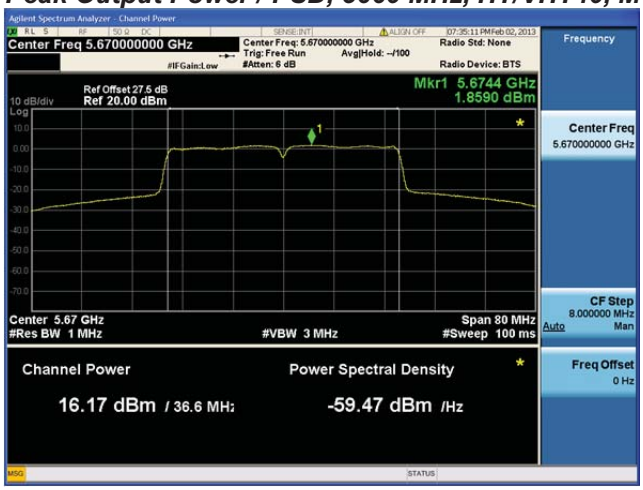
Antenna A



Antenna B

Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3

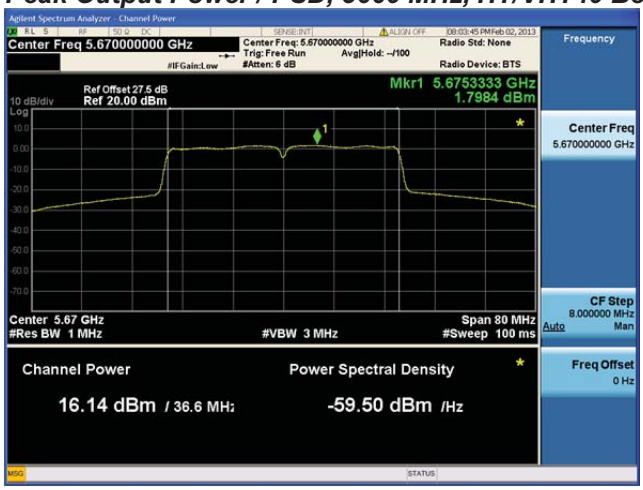


Antenna A

Antenna B

Antenna C

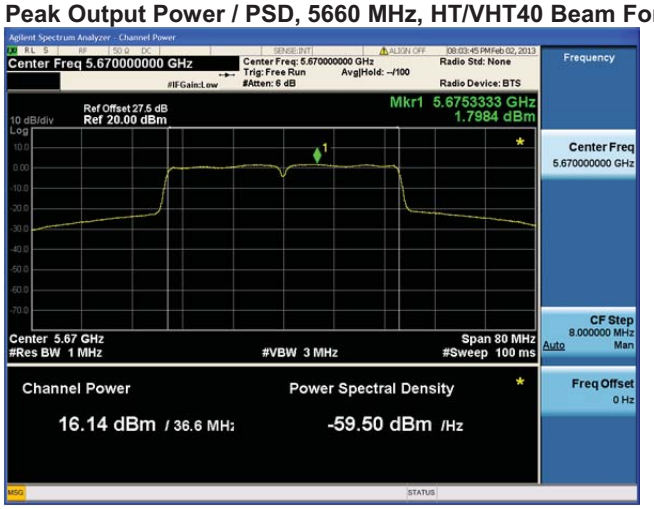
Peak Output Power / PSD, 5660 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



Antenna A

Antenna B

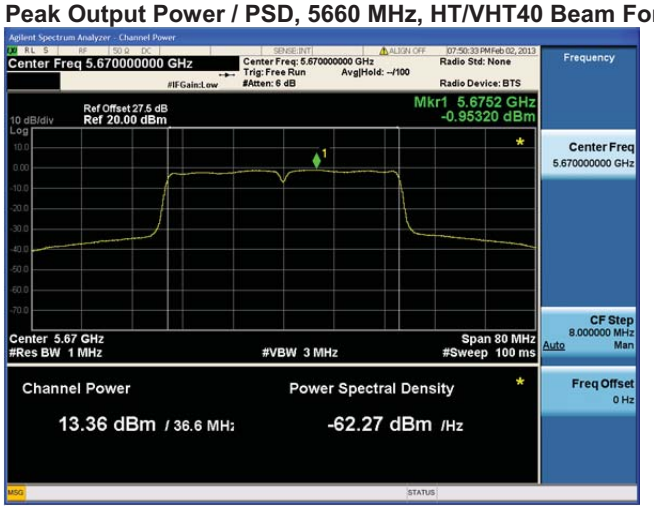
Peak Output Power / PSD, 5660 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



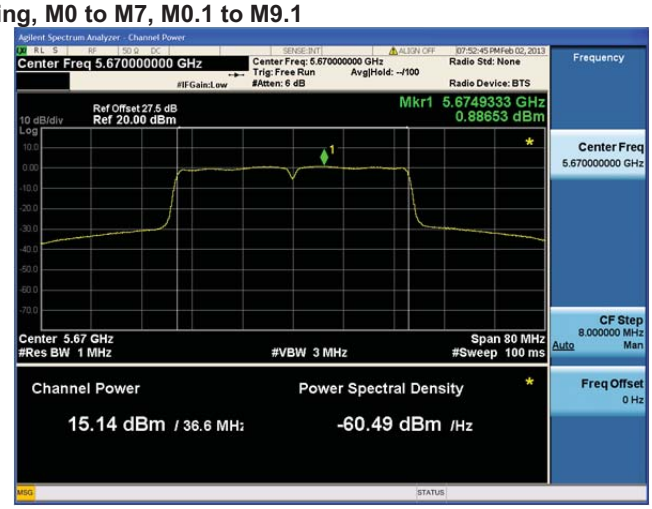
Antenna A

Antenna B

Peak Output Power / PSD, 5660 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



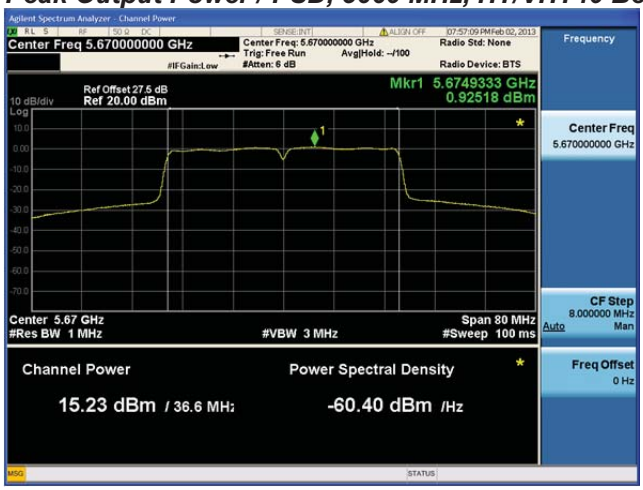
Antenna A



Antenna B

Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

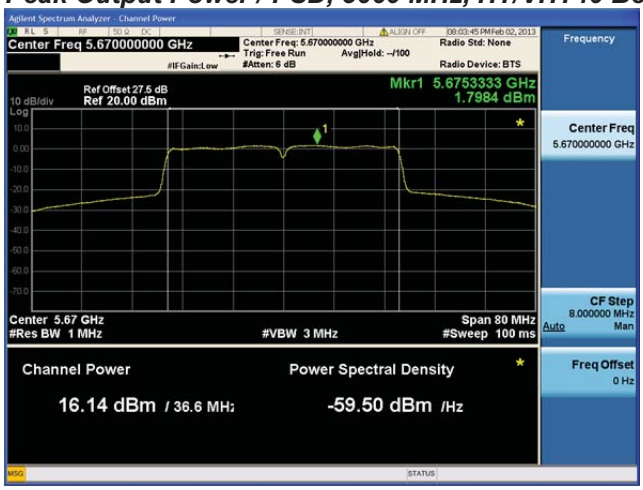


Antenna A

Antenna B

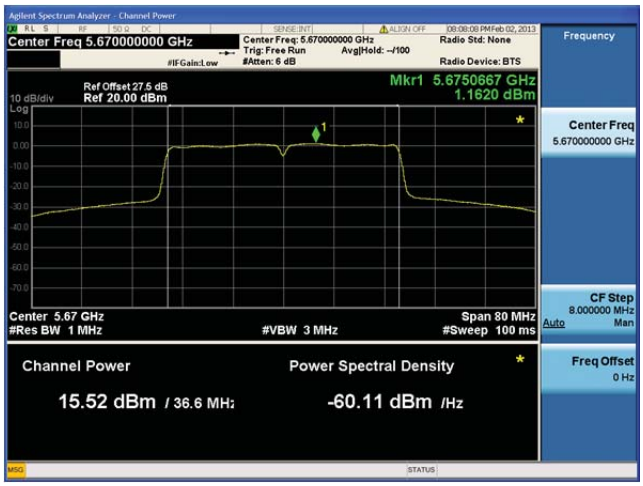
Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3



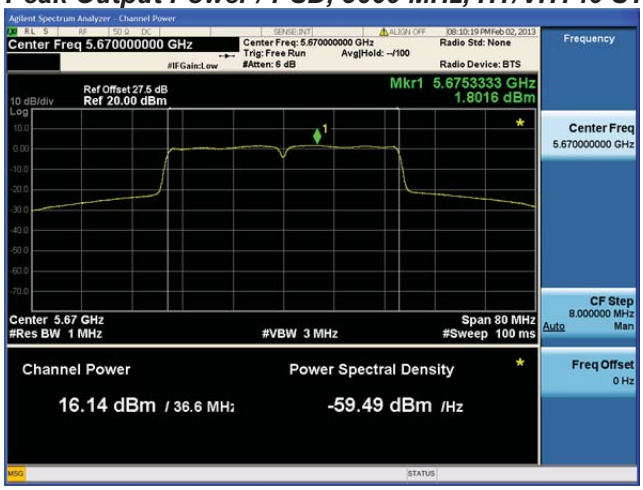
Antenna A

Antenna B

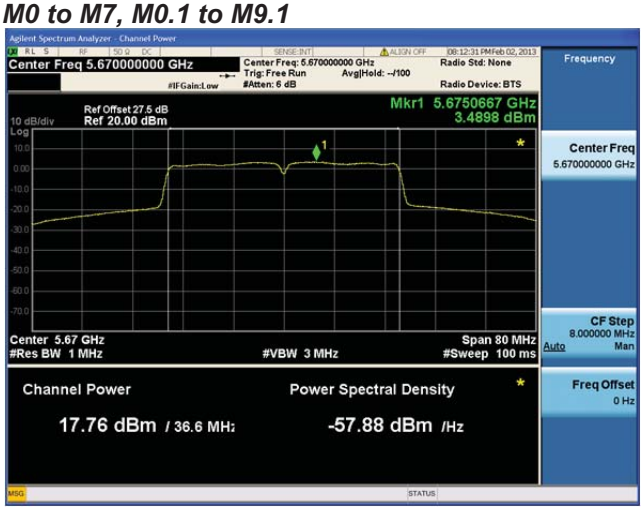


Antenna C

Peak Output Power / PSD, 5660 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



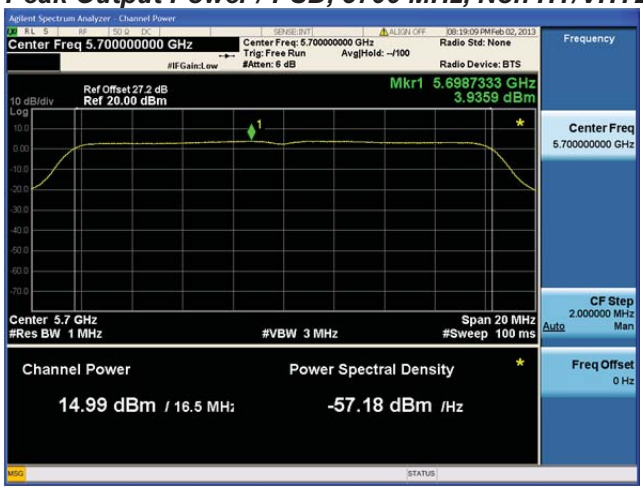
Antenna A



Antenna B

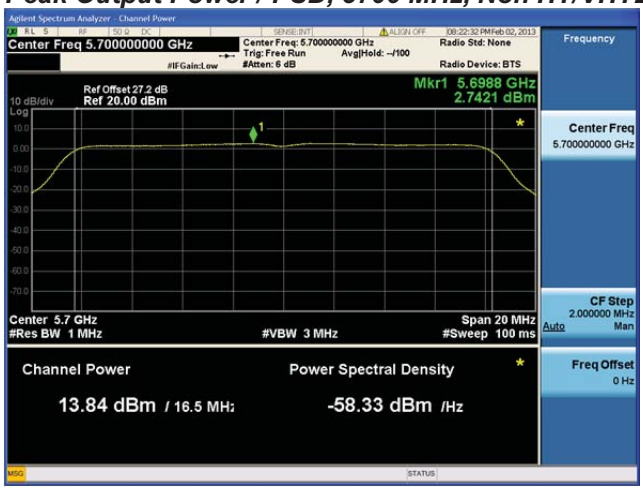
Antenna C

Peak Output Power / PSD, 5700 MHz, Non HT/VHT20, 6 to 54 Mbps

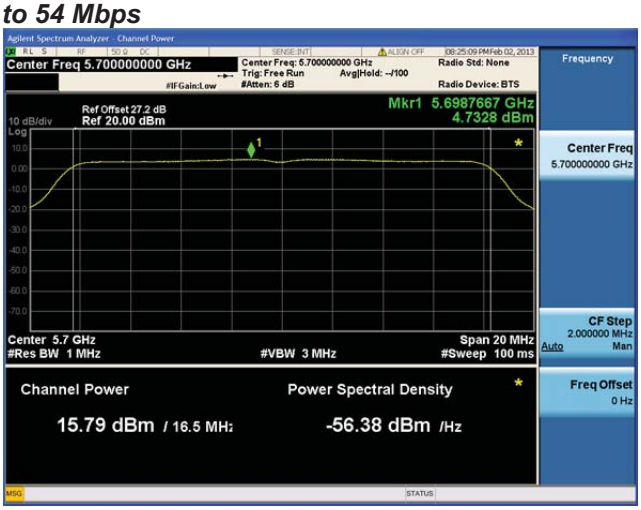


Antenna A

Peak Output Power / PSD, 5700 MHz, Non HT/VHT20, 6 to 54 Mbps

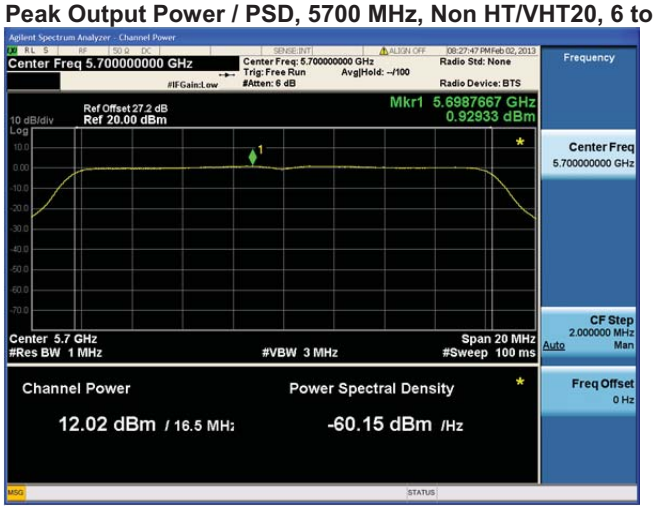


Antenna A



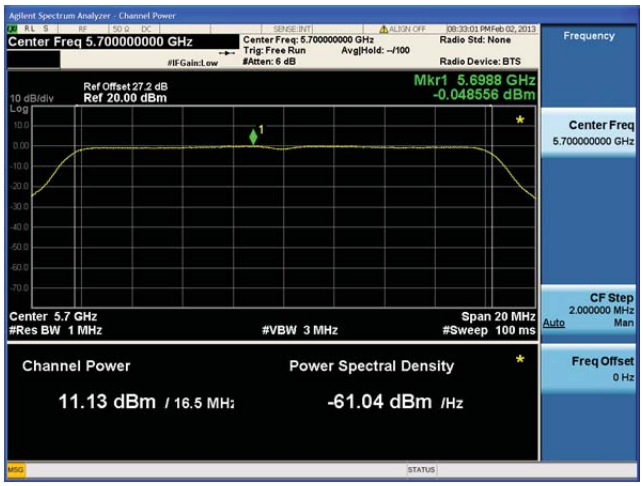
Antenna B

Peak Output Power / PSD, 5700 MHz, Non HT/VHT20, 6 to 54 Mbps



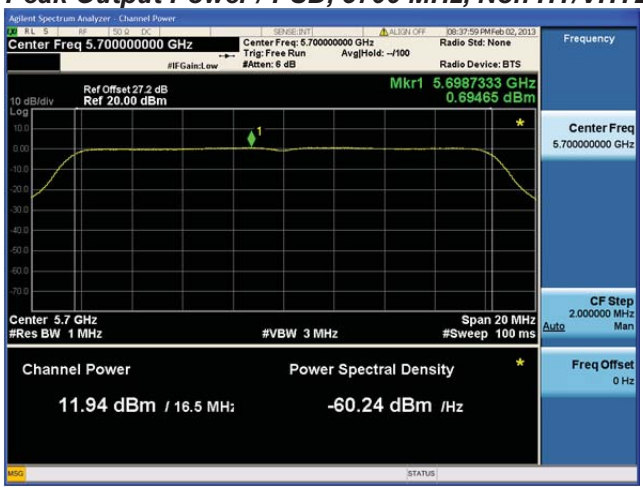
Antenna A

Antenna B

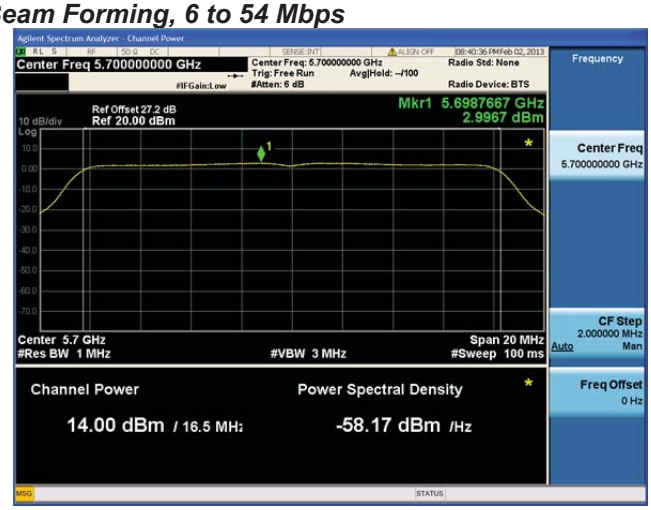


Antenna C

Peak Output Power / PSD, 5700 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps

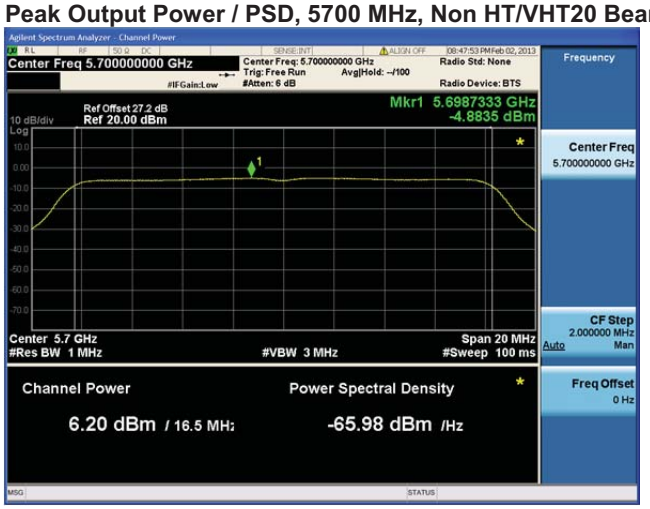


Antenna A

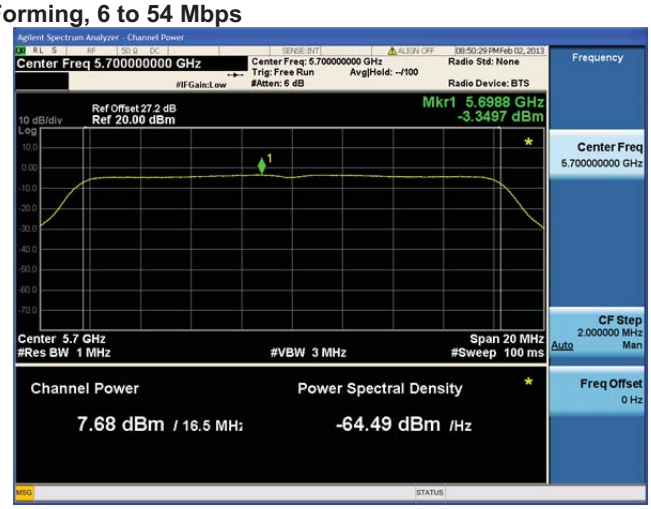


Antenna B

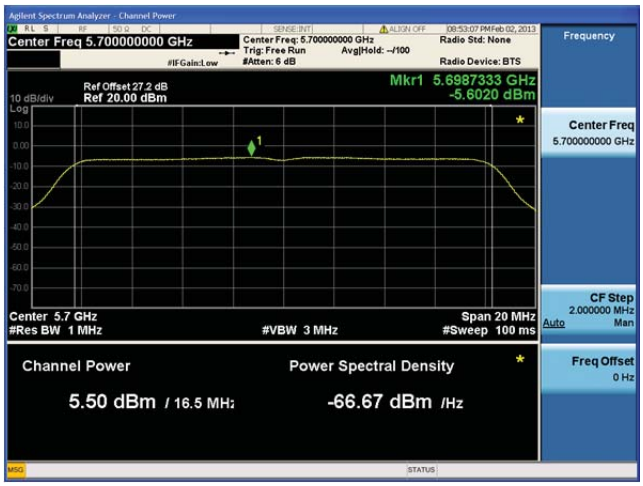
Peak Output Power / PSD, 5700 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Antenna A

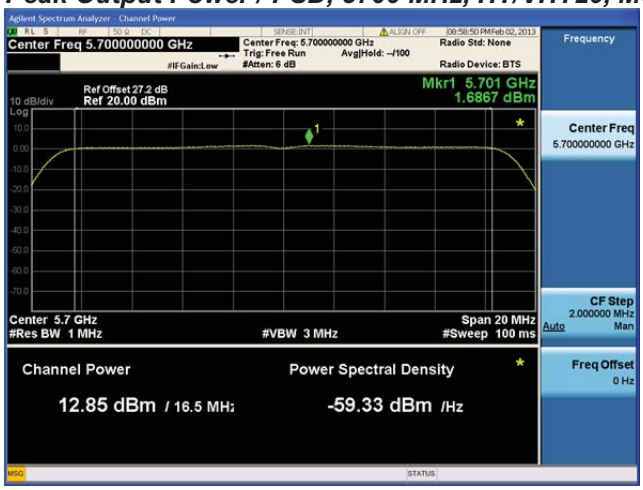


Antenna B



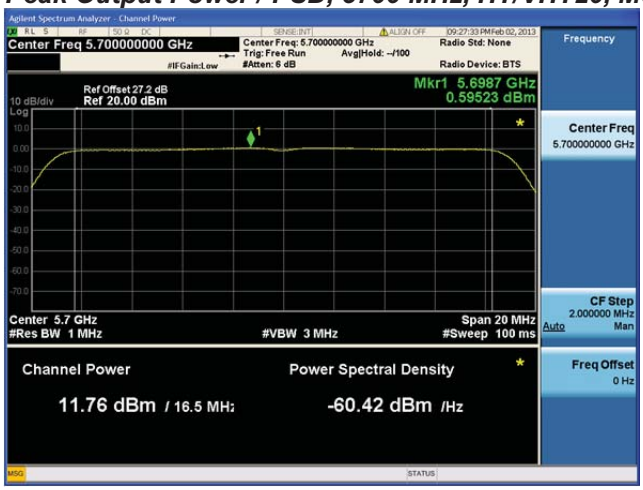
Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

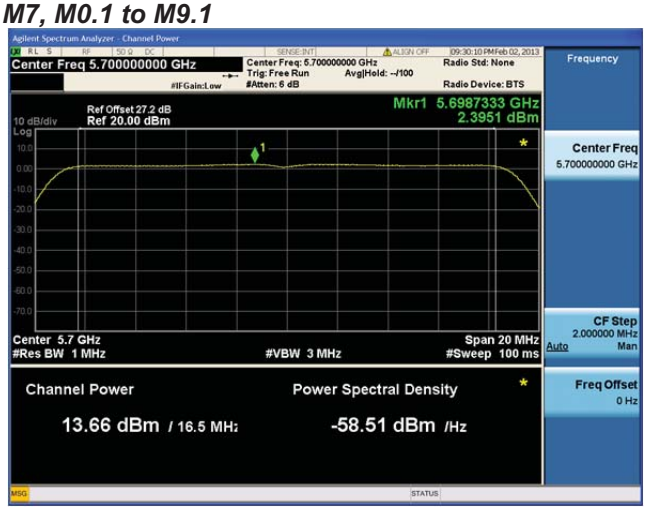


Antenna A

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

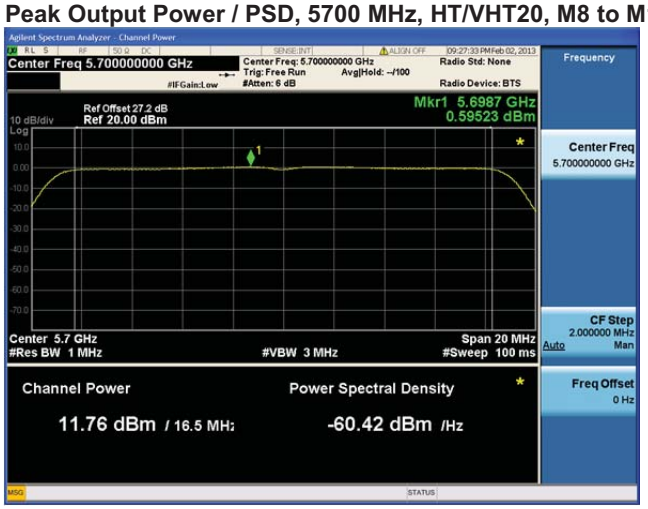


Antenna A

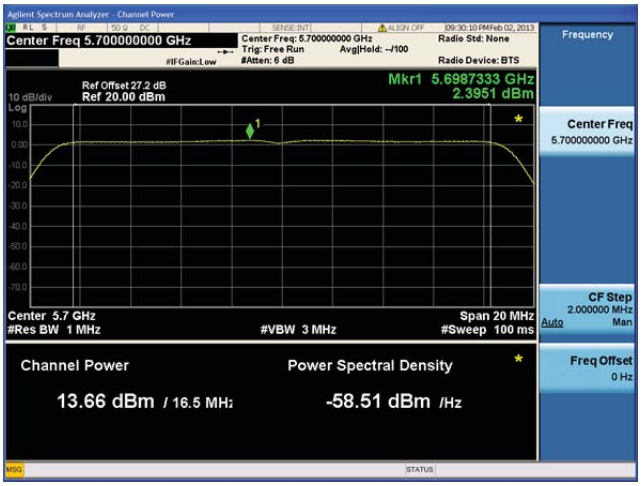


Antenna B

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2

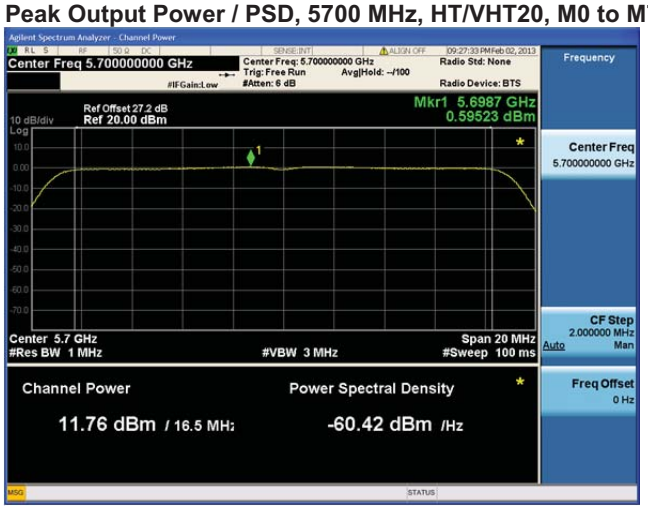


Antenna A

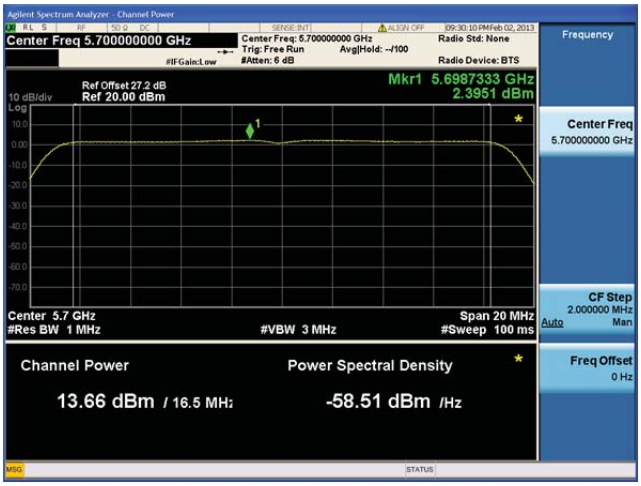


Antenna B

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



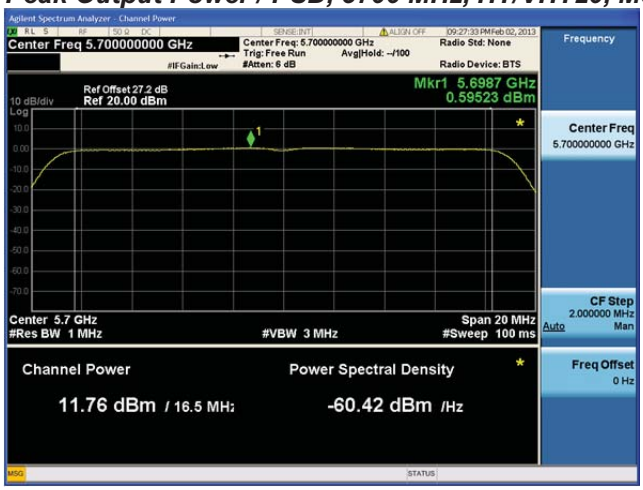
Antenna A



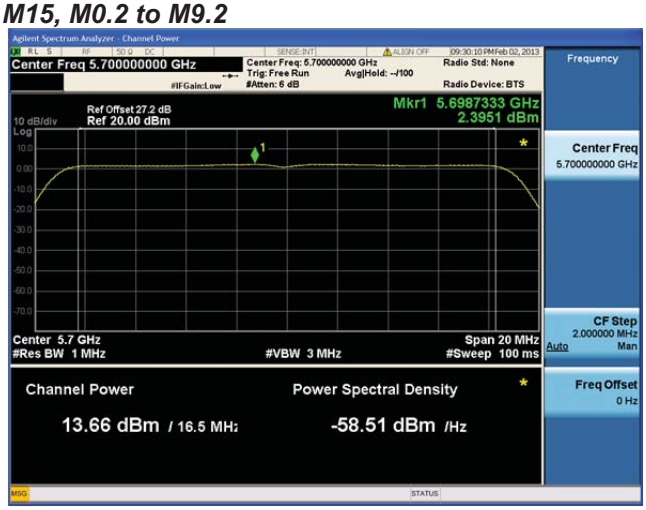
Antenna B

Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



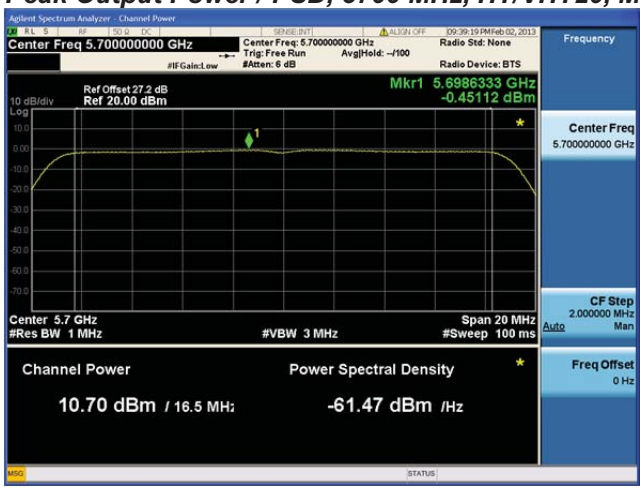
Antenna A



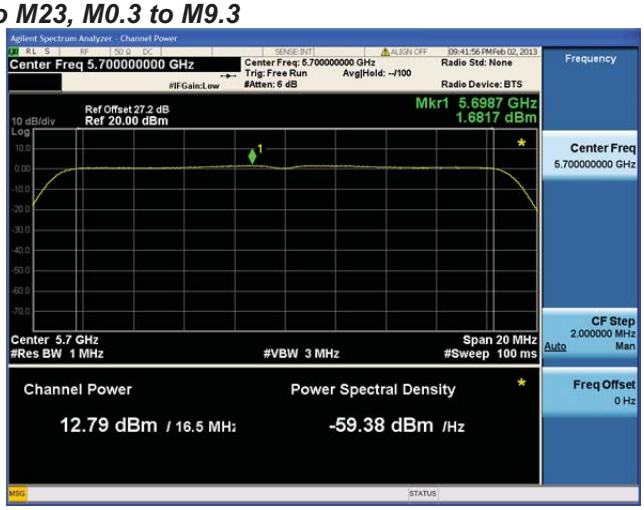
Antenna B

Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



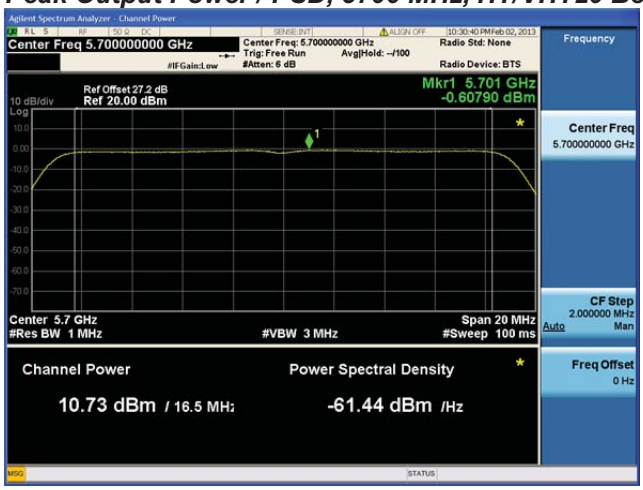
Antenna A



Antenna B

Antenna C

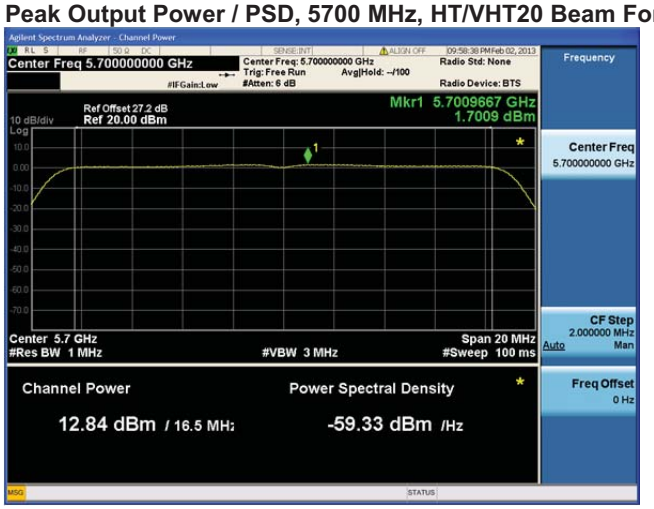
Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



Antenna A

Antenna B

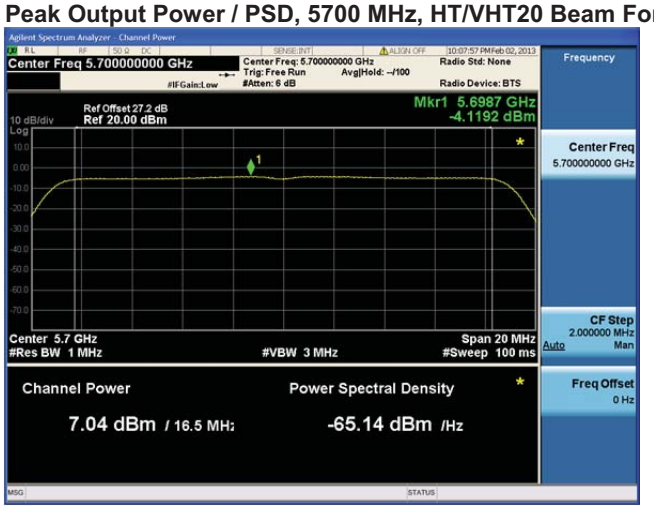
Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



Antenna A

Antenna B

Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



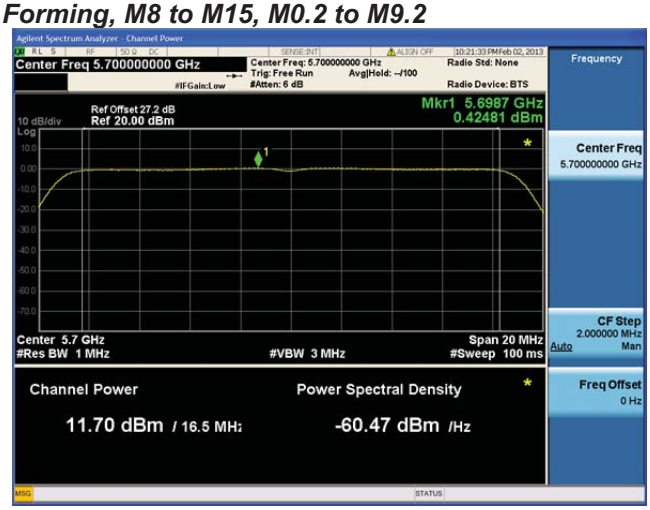
Antenna A

Antenna B

Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

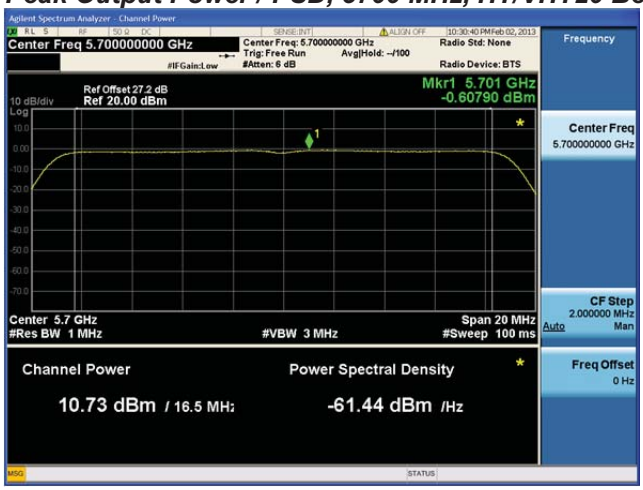
Antenna A



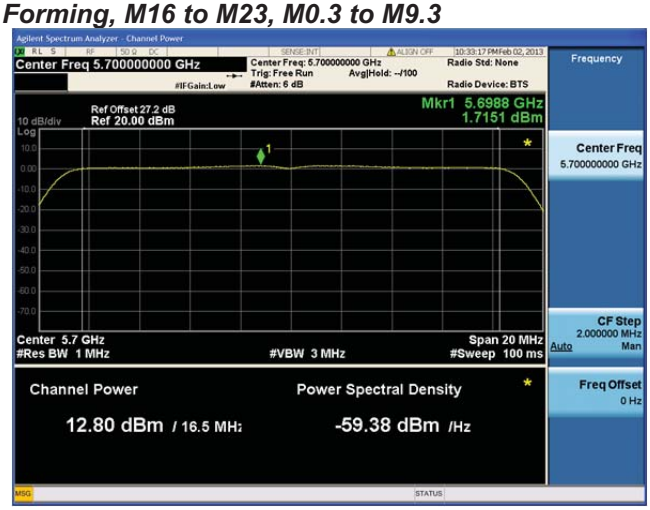
Antenna B

Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



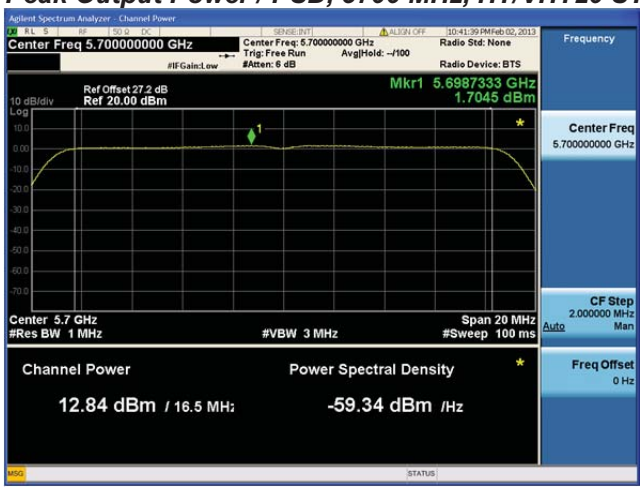
Antenna A



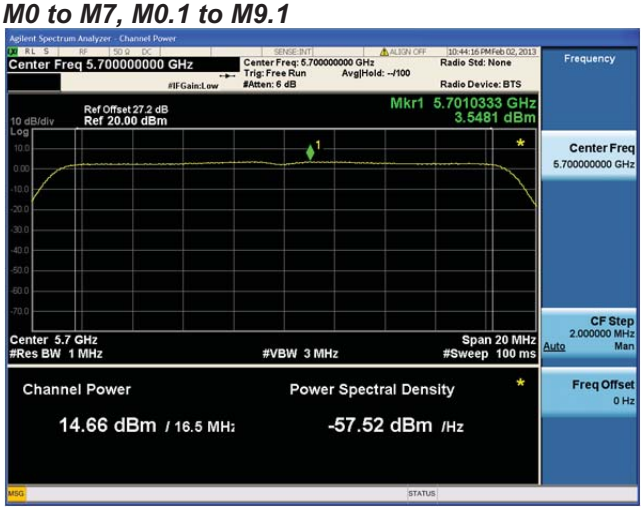
Antenna B

Antenna C

Peak Output Power / PSD, 5700 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1

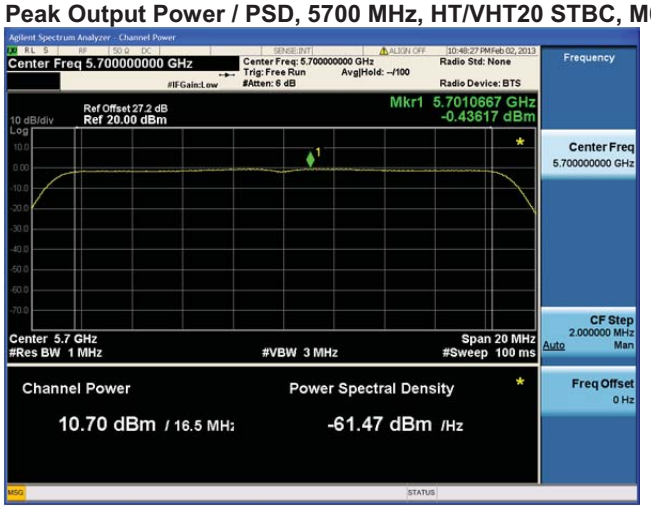


Antenna A

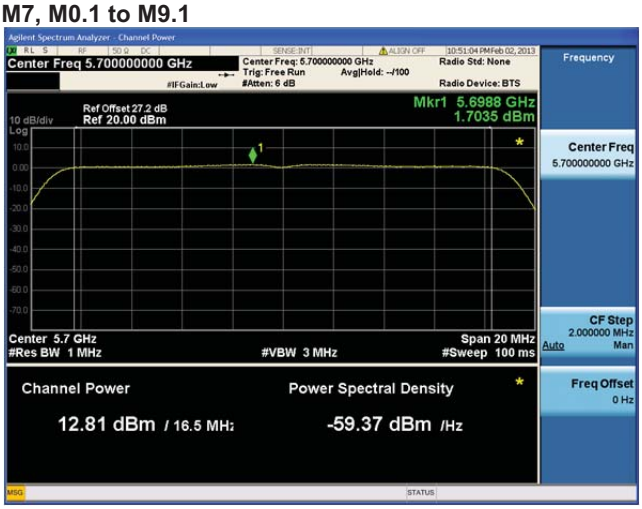


Antenna B

Peak Output Power / PSD, 5700 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



Antenna A



Antenna B

Antenna C

Peak Excursion

15.407: The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the maximum conducted output power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

Set the spectrum analyzer span to view the entire emission bandwidth. The largest difference between the following two traces must be <= 13 dB for all frequencies across the emission bandwidth.

Set the spectrum analyzer span to view the entire emission bandwidth. The largest difference between the following two traces must be <= 13 dB for all frequencies across the emission bandwidth.

1st Trace: (Peak)

- Set Span to encompass the entire emission bandwidth of the signal.
- RBW = 1 MHz, VBW = 3 MHz
- Detector = Peak
- Sweep = Auto
- Trace 1 = Max-hold
- Ref Level Offset = correct for attenuator and cable loss
- Ref Level = 20dBm
- Atten = 10dBm

2nd Trace: (Average)

- Trace 2 = clear right
- Detector = Sample
- Avg/VBW type = Pwr(RMS)
- Average = 100
- Sweep = single

Set marker Deltas

- Trace 1 & Peak search
- Marker Delta
- Trace 2 & Peak search

Record the difference between the Peak and Average Markers

Frequency (MHz)	Mode	Data Rate (Mbps)	Peak Excursion (dB)	Limit (dBm/MHz)	Margin (dB)
5500	Non HT/VHT20, 6 to 54 Mbps	6	7.1	13	5.9
	HT/VHT20, M0 to M23, M0.1 to M9.3	M0.	6.8	13	6.2
	Non HT/VHT40, 6 to 54 Mbps	6	7.3	13	5.7
	HT/VHT40, M0 to M23, M0.1 to M9.3	M0.	7.3	13	5.7
	Non HT/VHT80, 6 to 54 Mbps	6	6.9	13	6.1
	HT/VHT80, M0 to M23, M0.1 to M9.3	M0x1	8.1	13	4.9
5540	Non HT/VHT40, 6 to 54 Mbps	6	7	13	6
	HT/VHT40, M0 to M23, M0.1 to M9.3	M0.	7.5	13	5.5
5580	Non HT/VHT20, 6 to 54 Mbps	6	7.1	13	5.9
	HT/VHT20, M0 to M23, M0.1 to M9.3	M0.	7.4	13	5.6
5660	Non HT/VHT40, 6 to 54 Mbps	6	7.1	13	5.9
	HT/VHT40, M0 to M23, M0.1 to M9.3	M0.	7.4	13	5.6
5700	Non HT/VHT20, 6 to 54 Mbps	6	7.1	13	5.9
5700	HT/VHT20, M0 to M23, M0.1 to M9.3	M0.	7.1	13	5.9