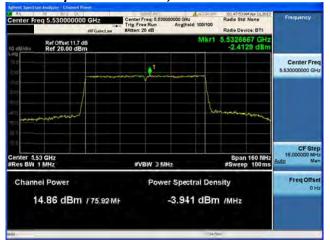


Peak Output Power / PSD, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Peak Output Power / PSD, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A



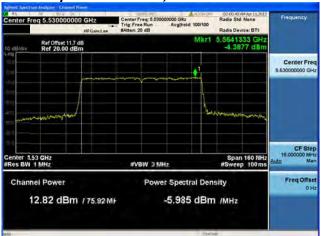
Antenna C

Page No: 102 of 202

Antenna B



Peak Output Power / PSD, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



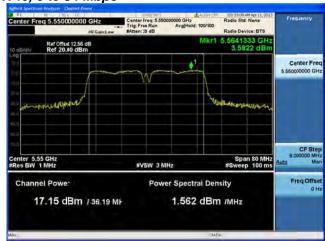


Antenna A

Page No: 104 of 202







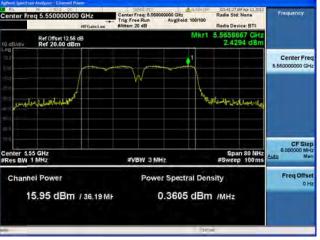
Antenna A Antenna B







Antenna B



Antenna C









Antenna B



Antenna C

Antenna D

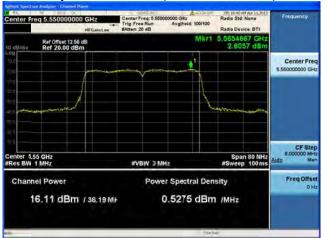


Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna A Antenna B

Page No: 109 of 202



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



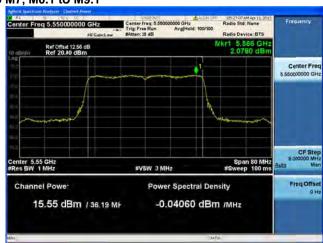


Antenna A Antenna B



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3





Antenna A

Conter Freq 5.550000000 GH2
Center Freq 5.55000000 GH2
Fig. Freq Sum Aughtor Source BTS
Frequency
Freq Sum Aughtor Source BTS



Antenna C

Antenna B



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1







Antenna B



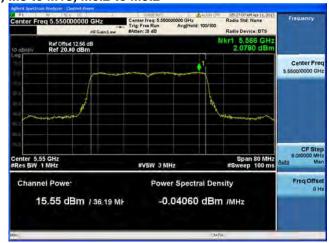
Antenna C

Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2







Antenna B

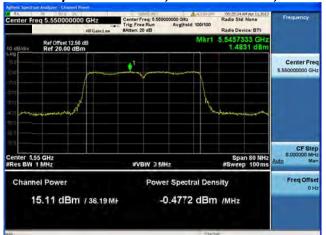


Antenna C

Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3







Antenna B



Antenna C

Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A Antenna B

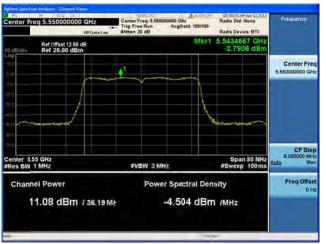


Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

Antenna B





Antenna A



Antenna C

Page No: 120 of 202



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna B



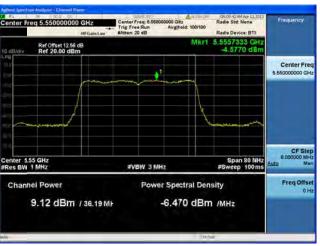
Antenna C



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

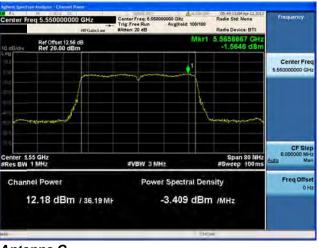
Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

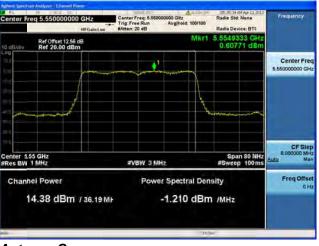
Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B

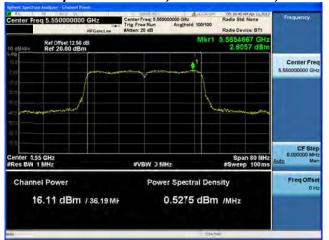


Antenna C

Antenna D



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



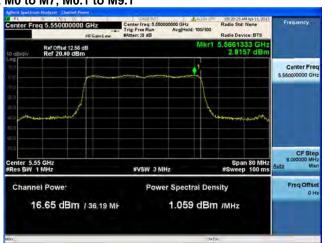


Antenna A Antenna B



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A



Antenna C

Page No: 126 of 202

Antenna B



Peak Output Power / PSD, 5540 / 5560 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D











Antenna A Antenna B







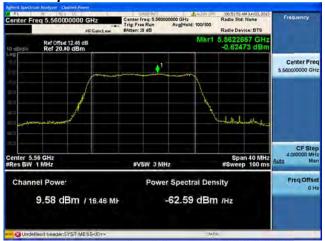
Antenna B

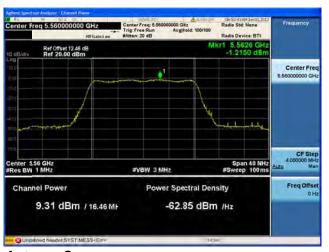


Antenna C

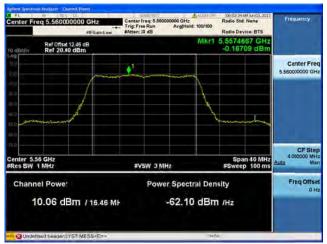








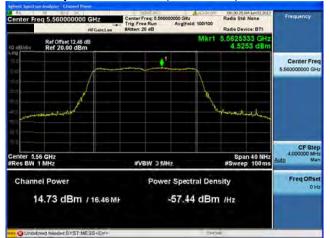
Antenna B

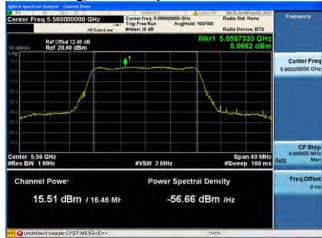


Antenna C

Antenna D



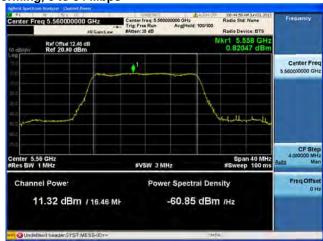




Antenna A Antenna B







Antenna B



Antenna C





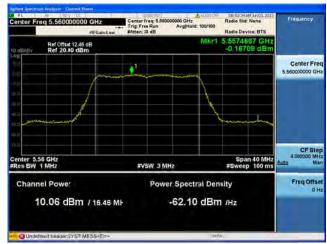
Antenna A



Antenna C



Antenna B



Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Antenna A

Page No: 135 of 202



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



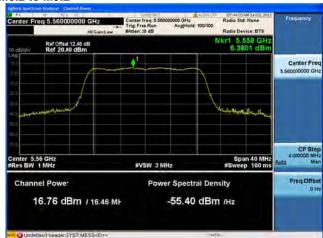


Antenna B



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A

Page No: 137 of 202

Antenna B



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





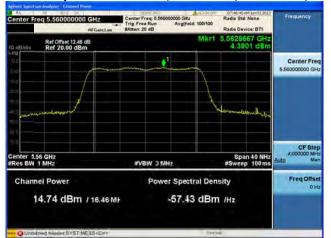


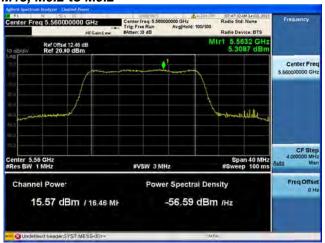


Antenna C

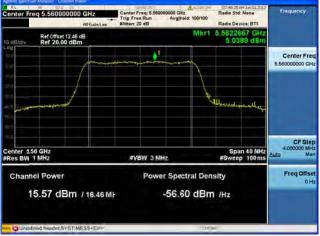


Peak Output Power / PSD, 5560 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C

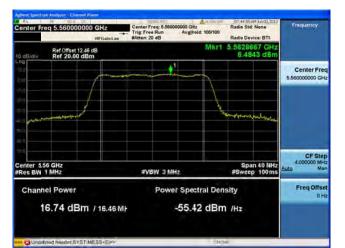


Peak Output Power / PSD, 5560 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3





Antenna A



Antenna C

Page No: 140 of 202

Antenna B



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



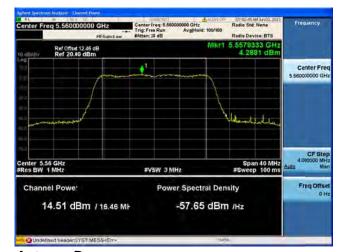
14.41 dBm / 16.46 MF

Channel Power

Antenna A



Antenna B



Power Spectral Density

-57.75 dBm /Hz

Antenna C Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1

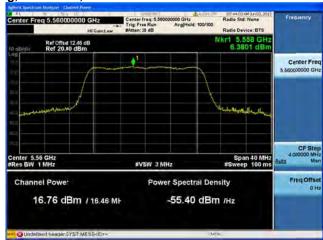






Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

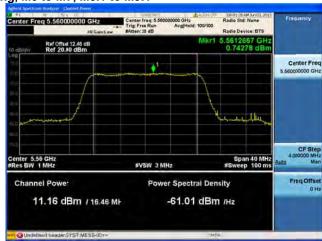




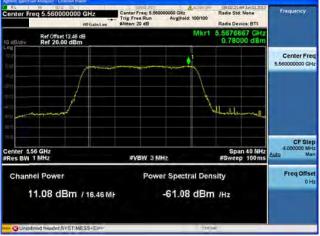


Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna B

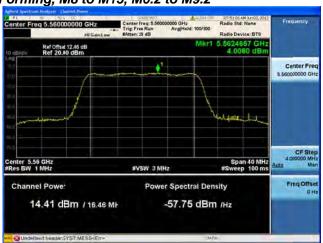


Antenna C

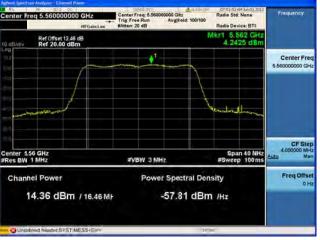


Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

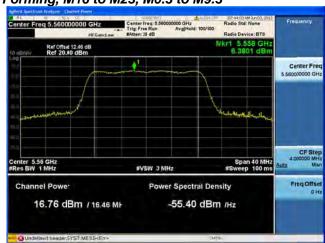


Antenna C

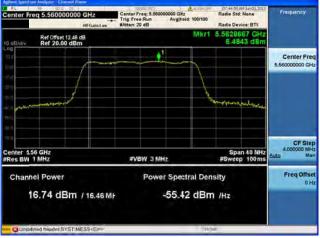


Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna B



Antenna C



Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B

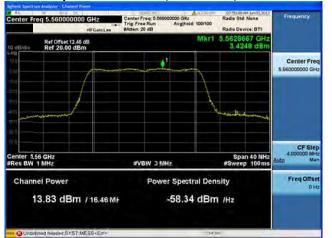


Antenna C

Antenna D



Peak Output Power / PSD, 5560 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



Center Freq 5.560000000 GHz Freq 5.56000000 GHz Freq 5.56000000 GHz Freq 5.56000000 GHz Freq 5.560 GHz Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.560 GHz Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.560 GHz Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.56000000 GHz Center Freq 5.560 GHz Freq 5.56000000 GHz Center Freq 5.56000000 GHz



Antenna B



Antenna C

Antenna D



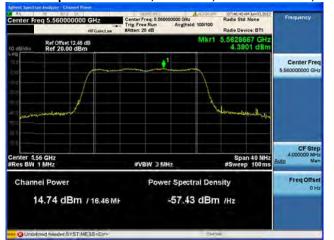
Peak Output Power / PSD, 5560 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1

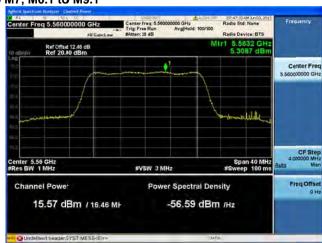






Peak Output Power / PSD, 5560 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





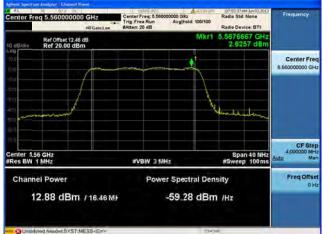
Antenna B



Antenna C



Peak Output Power / PSD, 5560 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



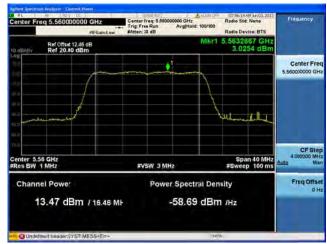
Antenna A A



Antenna C



Antenna B



Antenna D





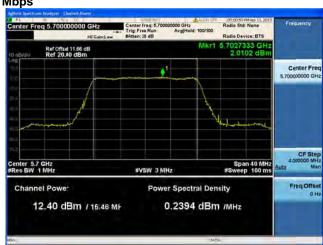












Antenna B



Antenna C

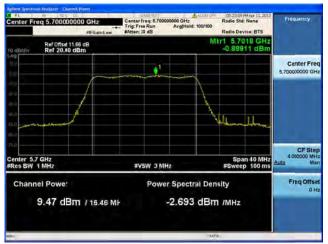








Antenna B



Antenna C

Antenna D

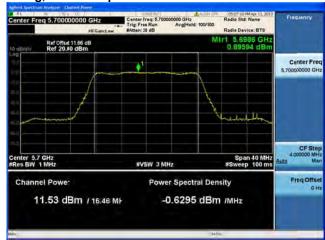












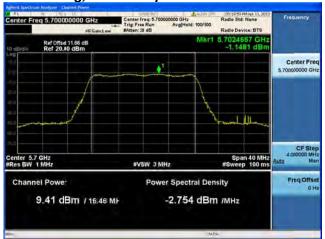
Antenna B



Antenna C

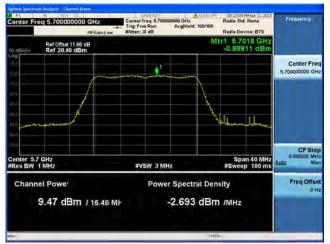








Antenna B



Antenna C

Antenna D



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

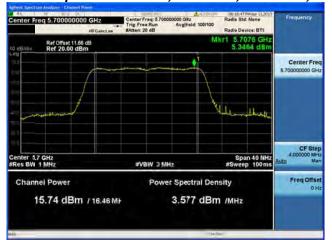


Antenna A

Page No: 162 of 202



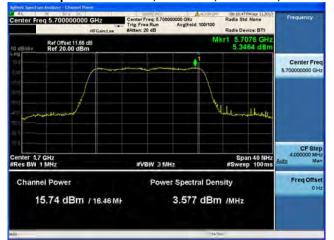
Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1







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

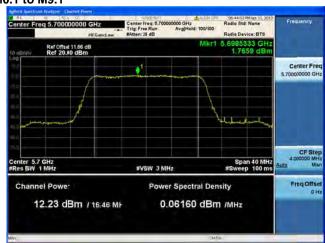






Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A



Antenna C

Page No: 165 of 202

Antenna B

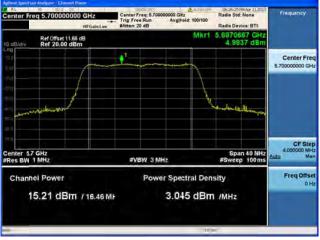


Peak Output Power / PSD, 5700 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C



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





na A Antenna B

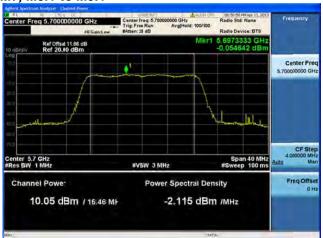


Antenna C



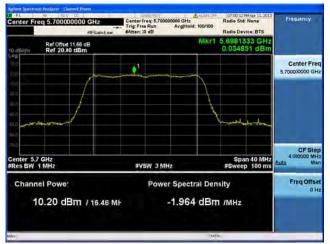
Peak Output Power / PSD, 5700 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1







Antenna B



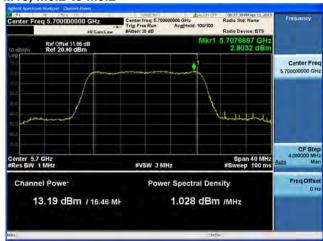
Antenna C

Antenna D



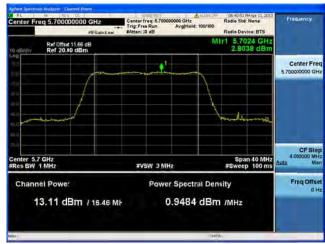
Peak Output Power / PSD, 5700 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2







Antenna B



Antenna D



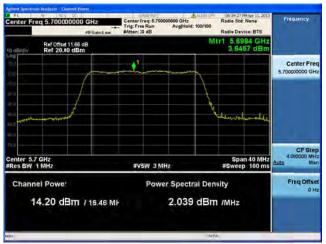
Peak Output Power / PSD, 5700 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3







Antenna B



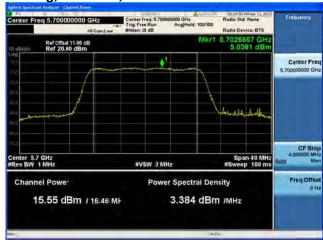
Antenna C

Antenna D



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

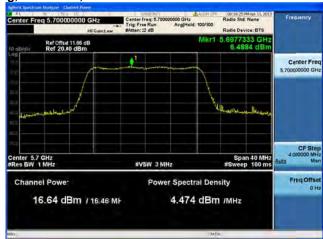






Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

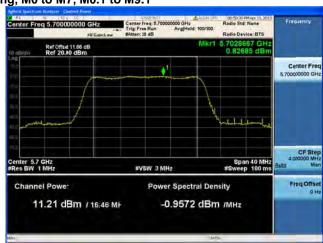






Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



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





Antenna B



Antenna C

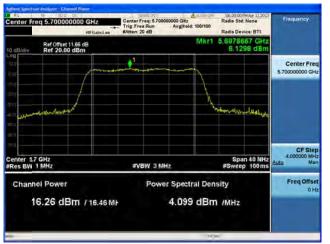


Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna B



Antenna C



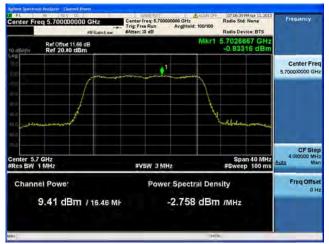
Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



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







Antenna B



Antenna C

Antenna D



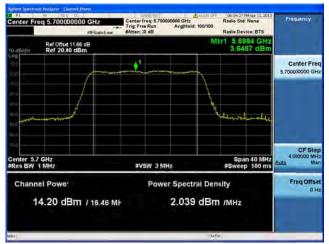
Peak Output Power / PSD, 5700 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B



Antenna C

Antenna D



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



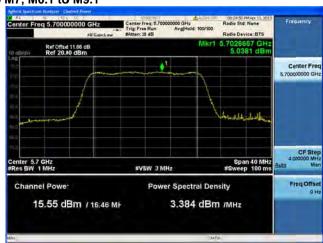


Antenna A Antenna B



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





Antenna B

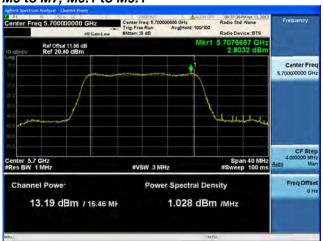


Antenna C



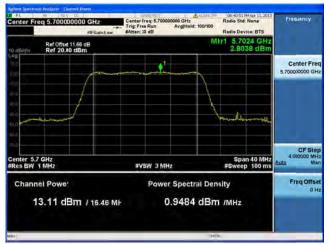
Peak Output Power / PSD, 5700 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Conducted Spurious Emissions

15.407: For transmitters operating in the 5.25-5.35 and 5.47-5.725 GHz band: all emissions outside of the 5.25-5.35 and 5.47-5.725 GHz bands shall not exceed an EIRP of -27dBm/MHz.

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: 30 MHz-40 GHz

Reference Level: 20 dBm Attenuation: 10 dB Sweep Time: 10 s Resolution Bandwidth: 1 MHz Video Bandwidth: 3 MHz Detector: Peak Trace: Single Marker: Peak

Record the marker waveform peak to spur difference

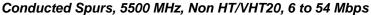
Page No: 182 of 202



Frequency (MHz)	Mode	Data Rate (Mbps)	Conducted Spurs Delta (MHz)	Limit (kHz)	Margin (MHz)			
5500	Non HT/VHT20, 6 to 54 Mbps	2	11	<u>-52.1</u>	-38.1			
5500	HT/VHT20, M0 to M23, M0.1 to M9.3	3	5	<u>-43.8</u>	-34.0			
FF00/FF30	Non HT/VHT40, 6 to 54 Mbps	1	5	<u>-52.2</u>	-47.2			
5500/5520	HT/VHT40, M0 to M23, M0.1 to M9.3	3	5	<u>-47</u>	-37.2			
5500/5520	Non HT/VHT80, 6 to 54 Mbps	1	5	<u>-52.4</u>	-47.4			
5540/5560	HT/VHT80, M0 to M23, M0.1 to M9.3	3	5	<u>-47.4</u>	-37.6			
5540/5560	Non HT/VHT40, 6 to 54 Mbps	1	5	<u>-51</u>	-46.0			
5540/5560	HT/VHT40, M0 to M23, M0.1 to M9.3	3	5	<u>-45.4</u>	-35.6			
FF60	Non HT/VHT20, 6 to 54 Mbps	2	11	<u>-50.5</u>	-36.5			
5560	HT/VHT20, M0 to M23, M0.1 to M9.3	3	5	<u>-44.8</u>	-35.0			
F700	Non HT/VHT20, 6 to 54 Mbps	2	11	<u>-50.8</u>	-36.8			
5700	HT/VHT20, M0 to M23, M0.1 to M9.3	3	5	<u>-45.7</u>	-35.9			

Page No: 183 of 202







Conducted Spurs, 5500 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3



Page No: 184 of 202







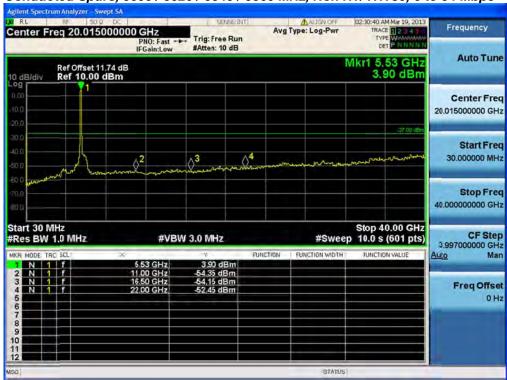
Conducted Spurs, 5500 / 5520 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3



Page No: 185 of 202







Conducted Spurs, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80, M0 to M23, M0.1 to M9.3



Page No: 186 of 202





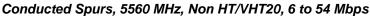


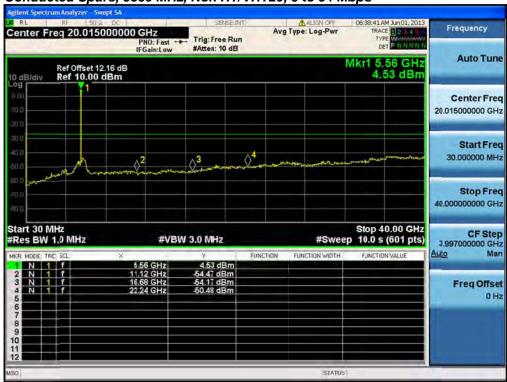
Conducted Spurs, 5540 / 5560 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3



Page No: 187 of 202





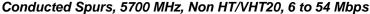


Conducted Spurs, 5560 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3



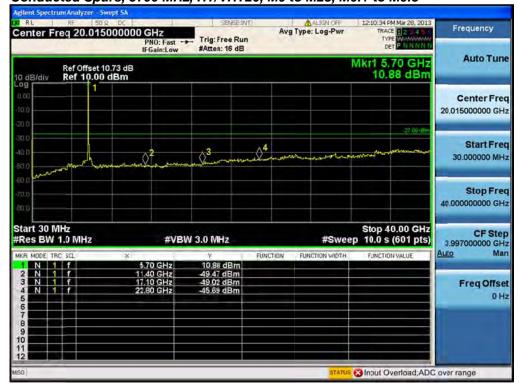
Page No: 188 of 202







Conducted Spurs, 5700 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3



Page No: 189 of 202



Conducted Bandedge

15.407: For transmitters operating in the 5.25-5.35 and 5.47-5.725 GHz band: all emissions outside of the 5.25-5.35 and 5.47-5.725 GHz bands shall not exceed an EIRP of -27dBm/MHz.

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: 30 MHz-40 GHz

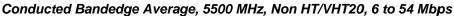
Reference Level: 20 dBm 10 dB Attenuation: Sweep Time: 10 s Resolution Bandwidth: 1 MHz Video Bandwidth: 3 MHz Detector: Peak Trace: Single Marker: Peak

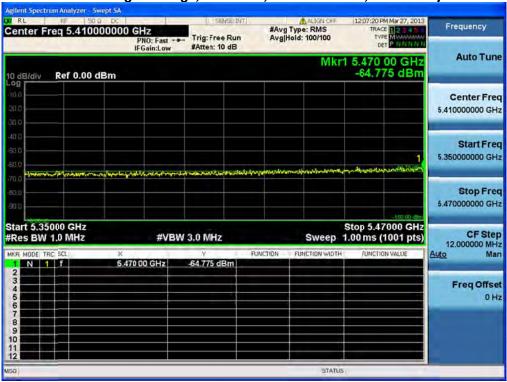
Record the marker waveform peak to spur difference



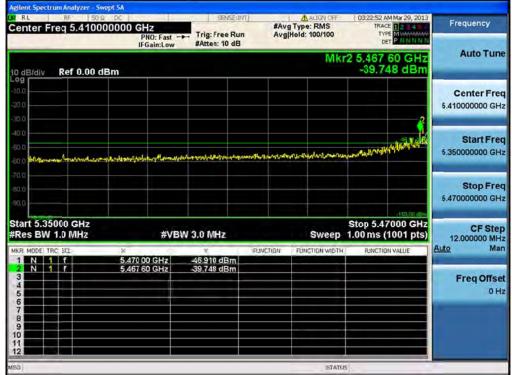
Frequency (MHz)	Mode	Data Rate (Mbps)	Correlated Antenna Gain (dBi)	Conducted Bandedge Level (dBm/MHz)	Total Bandedge Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
FF00	Non HT/VHT20, 6 to 54 Mbps	3	5	<u>-64.8</u>	-55.0	-27	28.0
5500	HT/VHT20, M0 to M23, M0.1 to M9.3	2	5	<u>-39.7</u>	-31.7	-27	4.7
FF00/FF30	Non HT/VHT40, 6 to 54 Mbps	2	5	<u>-38.2</u>	-30.2	-27	3.2
5500/5520	HT/VHT40, M0 to M23, M0.1 to M9.3	1	5	<u>-32.9</u>	-27.9	-27	0.9
5500/5520	Non HT/VHT80, 6 to 54 Mbps	2	5	<u>-36.8</u>	-28.8	-27	1.8
5540/5560	HT/VHT80, M0 to M23, M0.1 to M9.3	2	5	<u>-37.9</u>	-29.9	-27	2.9
F700	Non HT/VHT20, 6 to 54 Mbps	1	5	<u>-38.5</u>	-33.5	-27	6.5
5700	HT/VHT20, M0 to M23, M0.1 to M9.3	2	5	<u>-39.7</u>	-31.7	-27	4.7





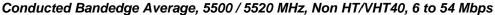


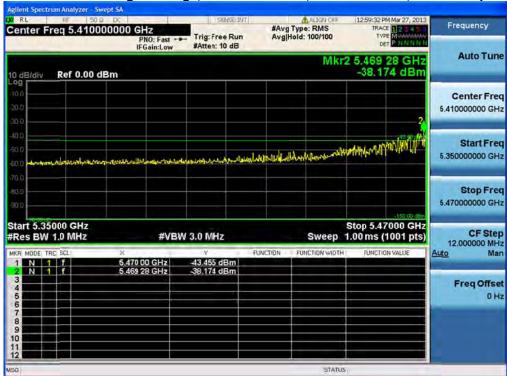
Conducted Bandedge Average, 5500 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3



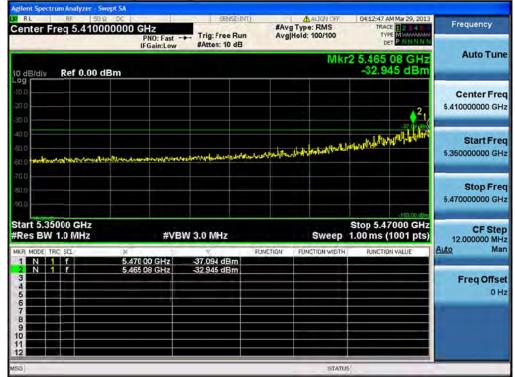
Page No: 192 of 202







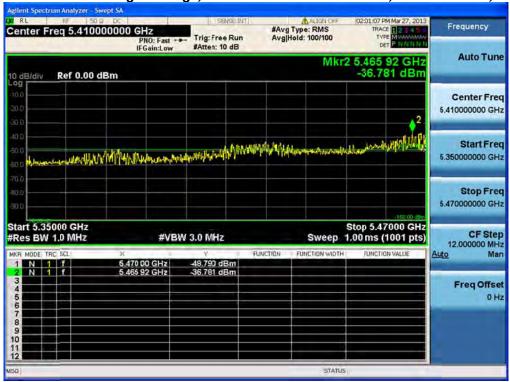
Conducted Bandedge Average, 5500 / 5520 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3



Page No: 193 of 202



Conducted Bandedge Average, 5500 / 5520 / 5540 / 5560 MHz, Non HT/VHT80, 6 to 54 Mbps

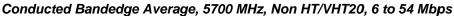


Conducted Bandedge Average, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80, M0 to M23, M0.1 to M9.3



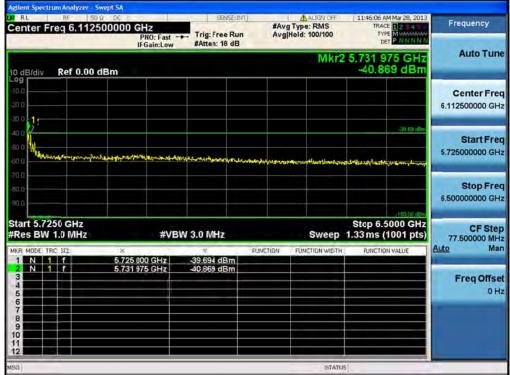
Page No: 194 of 202







Conducted Bandedge Average, 5700 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3



Page No: 195 of 202



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 be.low

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

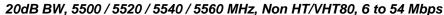
Place the radio in continuous transmit mode. View the transmitter waveform on the spectrum analyzer, and record the pertinent measurements:

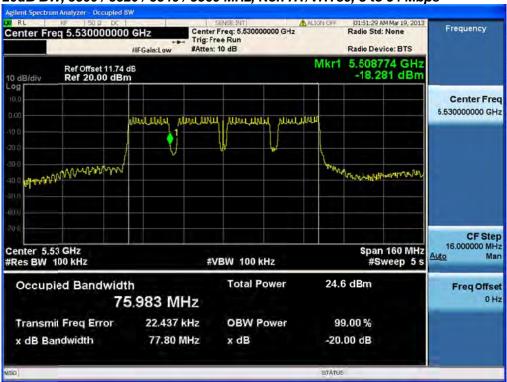


Frequency (MHz)	Mode	Data Rate (Mbps)	20dB BW (MHz)	Limit (kHz)	Margin (MHz)
5500/5520	Non HT/VHT80, 6 to 54 Mbps	6	<u>5509</u>	5600	91
5540/5560	HT/VHT80, M0 to M23, M0.1 to M9.3	m0x1	<u>5569</u>	5600	31
5540/5560	Non HT/VHT40, 6 to 54 Mbps	6	<u>5549</u>	5600	51
3340/3300	HT/VHT40, M0 to M23, M0.1 to M9.3	m0	5569	5600	31

Page No: 197 of 202





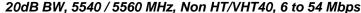


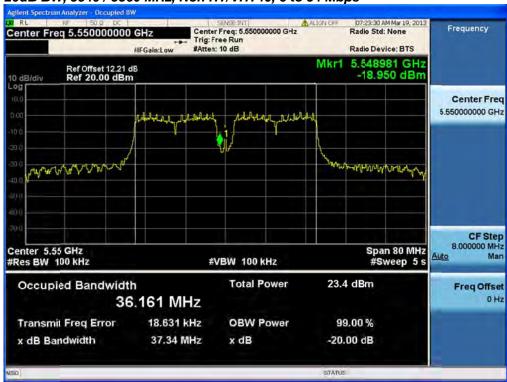
20dB BW, 5500 / 5520 / 5540 / 5560 MHz, HT/VHT80, M0 to M23, M0.1 to M9.3



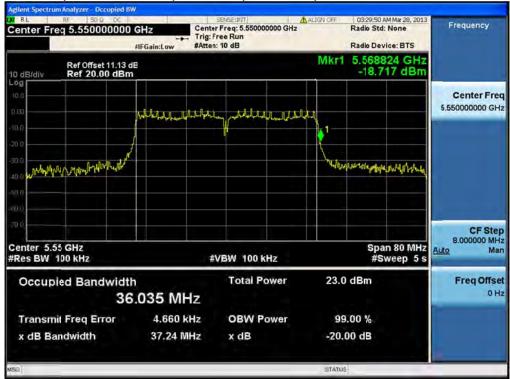
Page No: 198 of 202







20dB BW, 5540 / 5560 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3



Page No: 199 of 202



Maximum Permissible Exposure (MPE) Calculations

15.407: U-NII devices are subject to the radio frequency radiation exposure requirements specified in Sec. 1.1307(b), Sec. 2.1091 and Sec. 2.1093 of this chapter, as appropriate. All equipment shall be considered to operate in a ``general population/uncontrolled" environment. Applications for equipment authorization of devices operating under this section must contain a statement confirming compliance with these requirements for both fundamental emissions and unwanted emissions. Technical information showing the basis for this statement must be submitted to the Commission upon request.

Given

 $E=\sqrt{(30*P*G)}/d$ and $S=E^2/3770$

where

E=Field Strength in Volts/meter

P=Power in Watts

G=Numeric Antenna Gain

d=Distance in meters

S=Power Density in mW/cm^2

Combine equations and rearrange the terms to express the distance as a function of the remaining variables:

 $d=\sqrt{((30*P*G)/(3770*S))}$

Changing to units of power in mW and distance in cm, using:

P(mW)=P(W)/1000 d(cm)=100*d(m)

vields

 $d=100*\sqrt{((30*(P/1000)*G)/(3770*S))}$

 $d=0.282*\sqrt{(P*G/S)}$

where

d=Distance in cm

P=Power in mW

G=Numerica Antenna Gain

S=Power Density in mW/cm^2

Substituting the logarithmic form of power and gain using:

 $P(mW)=10^{(P(dBm)/10)}$ G(numeric)= $10^{(G(dBi)/10)}$

vields

 $d=0.282*10^{(P+G)/20)}/\sqrt{S}$ Equation (1)

and

 $s=((0.282*10^{((P+G)/20))/d})^2$ Equation (2)

where

d=MPE distance in cm

P=Power in dBm

G=Antenna Gain in dBi

S=Power Density in mW/cm^2

Page No: 200 of 202



Equation (1) and the measured peak power are used to calculate the MPE distance. Note that for mobile or fixed location transmitters such as an access point, the minimum separation distance is 20 cm even if the calculations indicate that the MPE distance may be less.

S=1mW/cm² maximum. The highest supported antenna gain is 5 dBi (11dBi with beamforming). Using the peak power levels recorded in the test report along with Equation 1 above, the MPE distances are calculated as follows.

			Peak				
		Power	Transmit	Antenna	MPE		
Frequency	Bit Rate	Density	Power	Gain	Distance	Limit	Margin
(MHz)	(Mbps)	(mW/cm^2)	(dBm)	(dBi)	(cm)	(cm)	(cm)
5560	54	1	15.7	11	6.10	20	13.90

MPE Calculations

To maintain compliance, installations will assure a separation distance of at least 20cm.

Using Equation 2, the MPE levels (s) at 20 cm are calculated as follows:

			Peak				
		MPE	Transmit	Antenna	Power		
Frequency	Bit Rate	Distance	Power	Gain	Density	Limit	Margin
(MHz)	(Mbps)	(cm)	(dBm)	(dBi)	(mW/cm^2)	(mW/cm^2)	(mW/cm^2)
5560	54	20	15.7	11	0.09	1	0.91



Appendix C: Test Equipment/Software Used to perform the test

Equip #	Manufacturer	Model	Description	Last Cal	Next Due
CIS049381	Agilent	N9030A	Spectrum Analyzer	28-Aug-12	28-Aug-13

Page No: 202 of 202